

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
 Data File : BG022093.D
 Acq On : 26 May 2016 23:09
 Operator : UM/SJ
 Sample : H3201-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.309	751	761	776	rVB3	48799	131825	0.72%	0.074%
2	7.468	778	788	795	rBV	52433	111404	0.61%	0.062%
3	7.591	803	809	810	rBV3	12215	19256	0.11%	0.011%
4	7.685	819	825	837	rVB2	71920	162802	0.89%	0.091%
5	7.938	860	868	870	rBV5	26179	55593	0.30%	0.031%
6	8.032	878	884	885	rBV4	23720	39515	0.22%	0.022%
7	8.114	886	898	901	rVV	134290	325186	1.77%	0.182%
8	8.155	901	905	909	rVV	87904	159752	0.87%	0.089%
9	8.202	910	913	919	rVB4	52544	100266	0.55%	0.056%
10	8.284	919	927	928	rBV4	38283	80326	0.44%	0.045%
11	8.325	929	934	938	rVV3	78892	139108	0.76%	0.078%
12	8.384	938	944	955	rVB3	71974	215702	1.18%	0.121%
13	8.496	956	963	969	rVB5	55741	140456	0.77%	0.079%
14	8.572	969	976	984	rBV5	76692	220914	1.21%	0.124%
15	8.643	985	988	991	rBV2	23446	35674	0.19%	0.020%
16	8.707	991	999	1009	rVB8	103227	347841	1.90%	0.195%
17	8.819	1011	1018	1023	rBV2	106743	271622	1.48%	0.152%
18	9.036	1043	1055	1063	rVB9	148485	655025	3.57%	0.366%
19	9.130	1065	1071	1075	rBV4	73590	183936	1.00%	0.103%
20	9.260	1082	1093	1099	rBV3	351071	1008104	5.50%	0.564%
21	9.354	1102	1109	1115	rBV4	235948	539375	2.94%	0.302%
22	9.412	1116	1119	1123	rVB3	91186	127042	0.69%	0.071%
23	9.465	1123	1128	1130	rBV2	246383	421576	2.30%	0.236%
24	9.577	1143	1147	1148	rBV2	94704	117579	0.64%	0.066%
25	9.624	1150	1155	1163	rVB3	290155	655293	3.58%	0.366%
26	9.718	1166	1171	1177	rVB5	150765	346062	1.89%	0.194%
27	9.788	1177	1183	1189	rBV	475183	965717	5.27%	0.540%
28	9.888	1196	1200	1215	rVB5	380233	1250764	6.83%	0.699%
29	10.029	1216	1224	1229	rBV4	318562	975948	5.33%	0.546%
30	10.147	1237	1244	1250	rBV8	430587	1042615	5.69%	0.583%
31	10.294	1263	1269	1275	rVB6	327810	719419	3.93%	0.402%
32	10.382	1278	1284	1294	rVB5	376449	1084233	5.92%	0.606%
33	10.482	1295	1301	1306	rBV3	291516	601620	3.28%	0.336%
34	10.546	1307	1312	1320	rBV6	330054	926676	5.06%	0.518%

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35	10.687	1328	1336	1341	rBV3	661446	1635516	8.93%	0.915%
36	10.752	1342	1347	1351	rBV4	289142	571789	3.12%	0.320%
37	10.828	1356	1360	1362	rBV3	233631	395905	2.16%	0.221%
38	10.934	1372	1378	1383	rBV2	1021046	1942504	10.60%	1.086%
39	11.128	1404	1411	1417	rVB	2442756	5297046	28.91%	2.962%
40	11.193	1417	1422	1428	rBV5	634813	1591071	8.68%	0.890%
41	11.392	1442	1456	1462	rBV7	612569	2987102	16.30%	1.670%
42	11.469	1464	1469	1475	rVB3	884258	1960574	10.70%	1.096%
43	11.680	1494	1505	1511	rBV10	863439	3481854	19.00%	1.947%
44	11.810	1521	1527	1533	rBV3	1379726	2884837	15.74%	1.613%
45	11.892	1536	1541	1548	rVB3	1418461	3178455	17.35%	1.777%
46	12.009	1551	1561	1570	rBV	5152403	13994335	76.37%	7.826%
47	12.262	1598	1604	1610	rBV5	1101365	2615948	14.28%	1.463%
48	12.397	1619	1627	1635	rBV2	3842239	8841513	48.25%	4.944%
49	13.020	1728	1733	1737	rBV2	1610575	2986993	16.30%	1.670%
50	13.202	1760	1764	1769	rBV3	1494830	2474327	13.50%	1.384%
51	13.355	1782	1790	1794	rVB	7029315	14113087	77.02%	7.892%
52	13.643	1828	1839	1845	rBV6	5813857	18324805	100.00%	10.247%
53	14.148	1921	1925	1929	rBV4	1293044	2550118	13.92%	1.426%
54	14.254	1937	1943	1944	rBV3	2873414	4962816	27.08%	2.775%
55	14.295	1946	1950	1953	rVV2	7335329	13367661	72.95%	7.475%
56	14.330	1953	1956	1962	rVB2	2881997	4567696	24.93%	2.554%
57	14.401	1963	1968	1972	rBV3	2025523	3174806	17.33%	1.775%
58	14.642	2005	2009	2013	rBV3	1736478	2872187	15.67%	1.606%
59	14.700	2013	2019	2026	rVB	5985879	10476821	57.17%	5.859%
60	14.771	2027	2031	2035	rBV4	1421624	2829024	15.44%	1.582%
61	15.182	2098	2101	2106	rVB2	1746737	2524457	13.78%	1.412%
62	15.300	2116	2121	2128	rBV4	2230505	4565986	24.92%	2.553%
63	15.629	2173	2177	2181	rVB	3327759	4815476	26.28%	2.693%
64	15.676	2182	2185	2190	rVB2	774366	1148493	6.27%	0.642%
65	16.022	2237	2244	2249	rBV	2575903	5123006	27.96%	2.865%
66	16.110	2256	2259	2264	rBV2	532418	761848	4.16%	0.426%
67	16.234	2277	2280	2286	rVB3	742939	1103939	6.02%	0.617%
68	16.498	2316	2325	2331	rBV	3261920	6954564	37.95%	3.889%
69	17.256	2450	2454	2457	rVB	549560	705212	3.85%	0.394%
70	17.309	2458	2463	2467	rVV	1095276	1628825	8.89%	0.911%
71	17.991	2576	2579	2585	rVB	524669	748709	4.09%	0.419%

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72	18.684	2694	2697	2702	rbV	406560	486145	2.65%	0.272%
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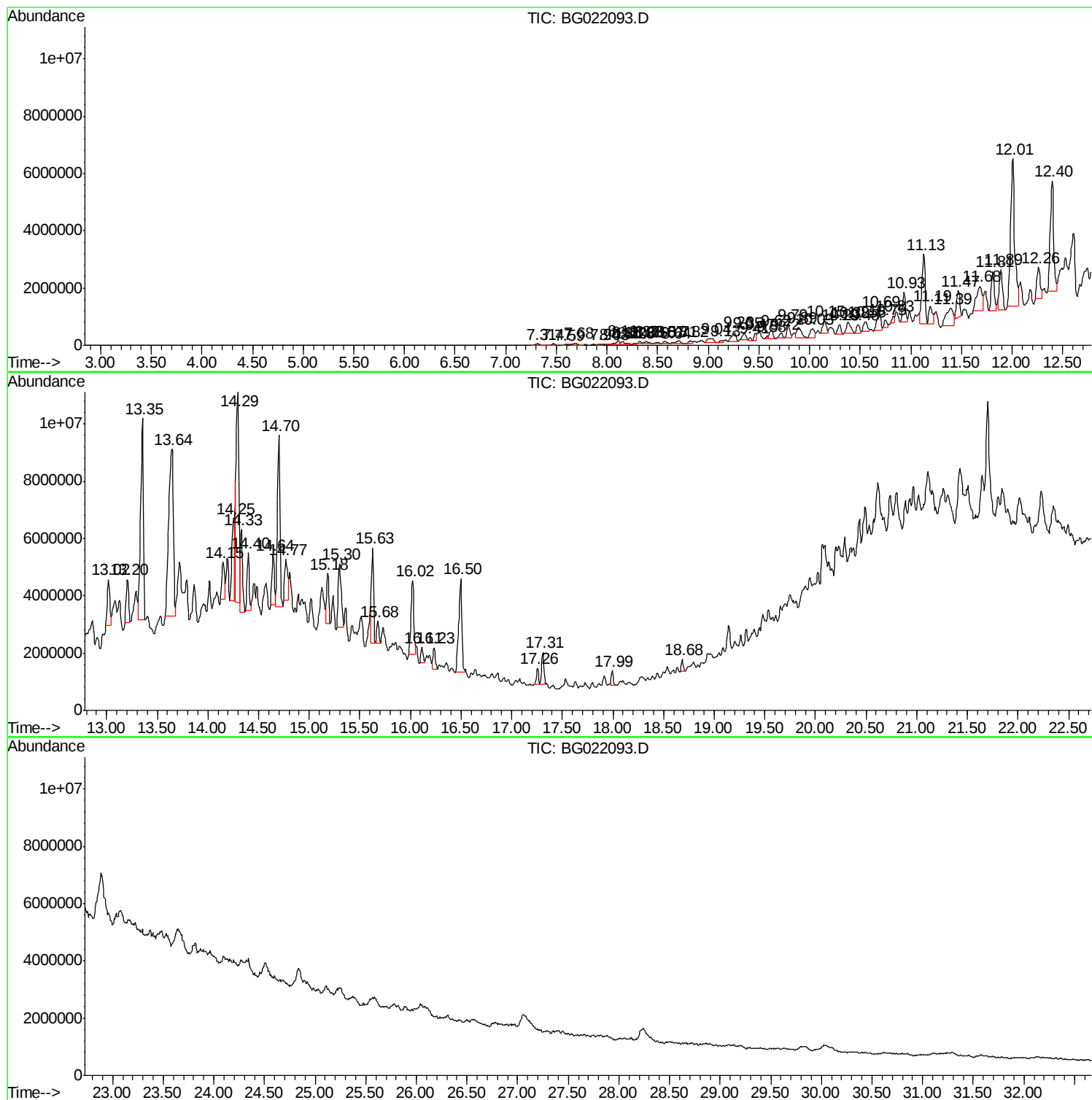
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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
BCZK0

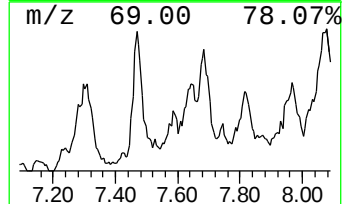
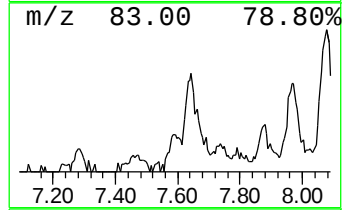
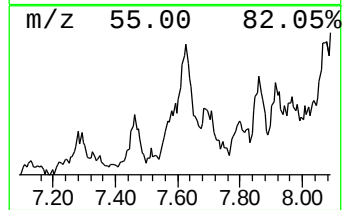
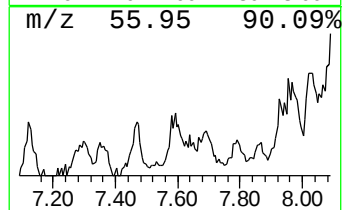
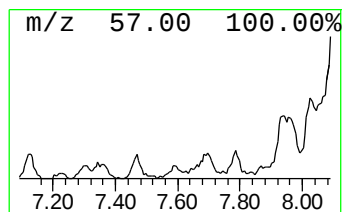
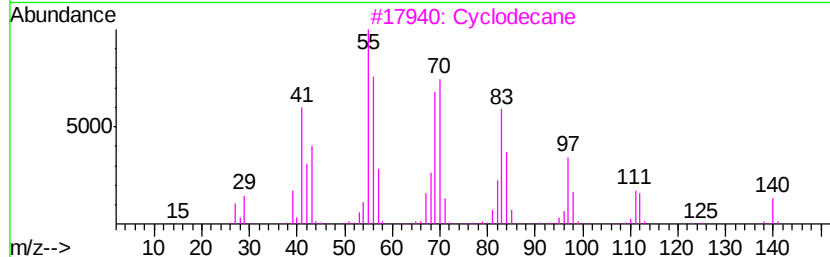
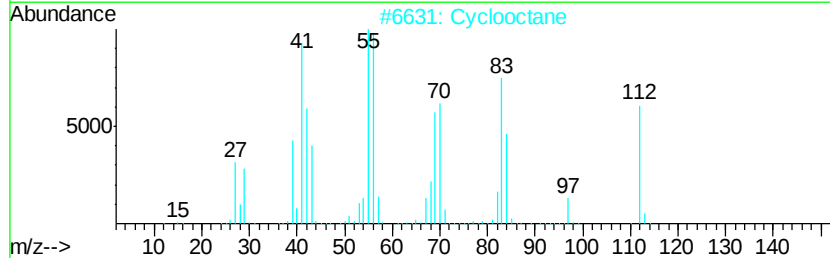
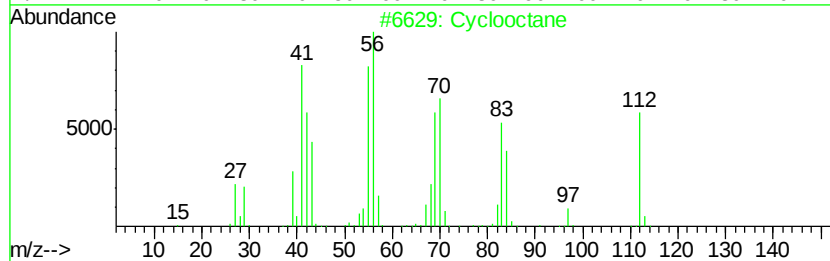
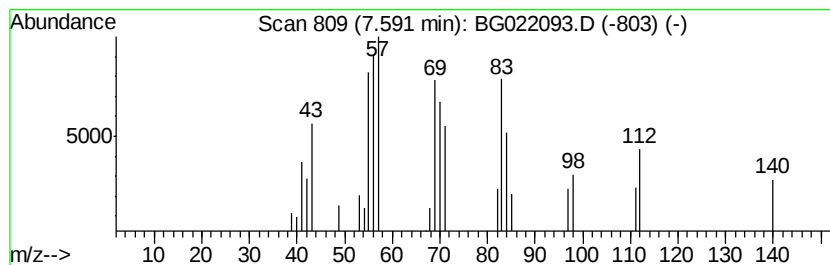
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic7.59 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	2.41 ng/ul	19256	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctane	112	C8H16	000292-64-8	76
2		Cyclooctane	112	C8H16	000292-64-8	76
3		Cyclodecane	140	C10H20	000293-96-9	58
4		1,4-Cyclooctanedione	140	C8H12O2	055794-45-1	52
5		1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	43



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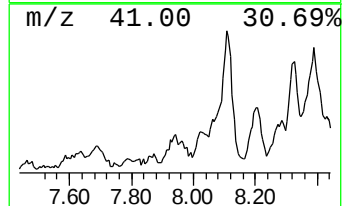
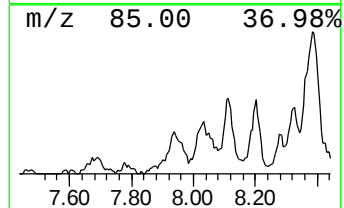
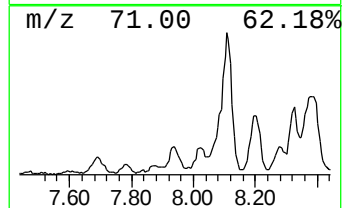
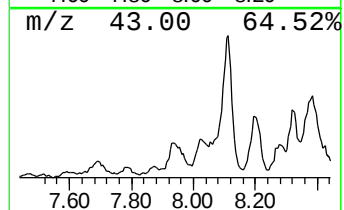
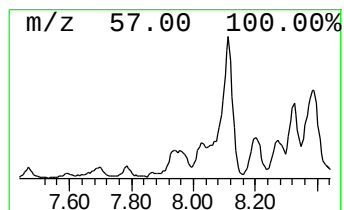
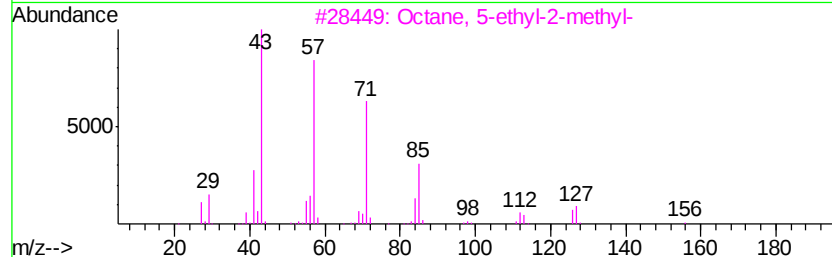
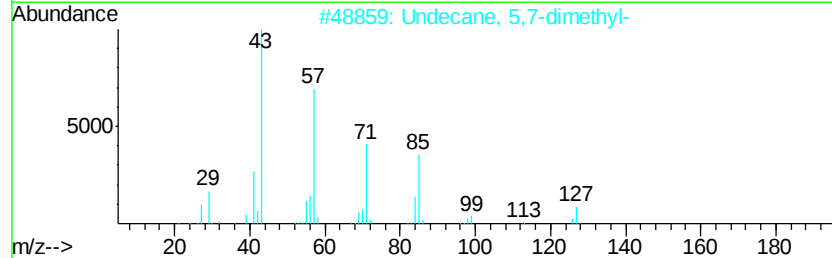
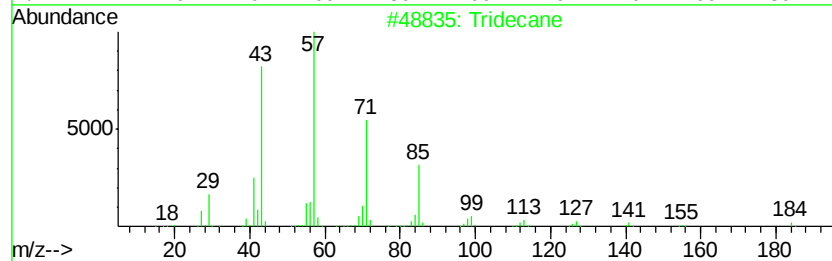
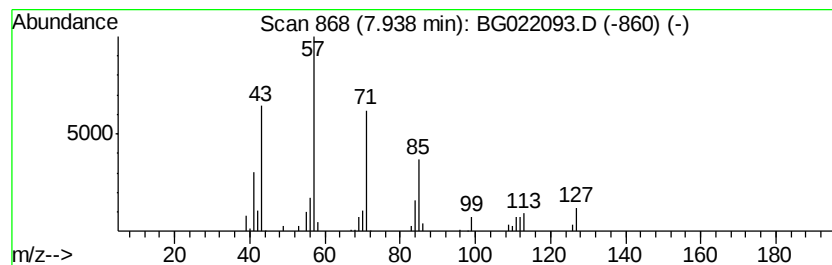
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	6.96 ng/ul	55593	1,4-Dichlorobenzene-d4	8.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	64
2			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	64
3			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	59
4			Tridecane	184	C13H28	000629-50-5	59
5			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59



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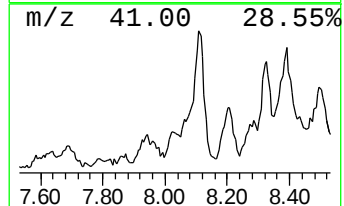
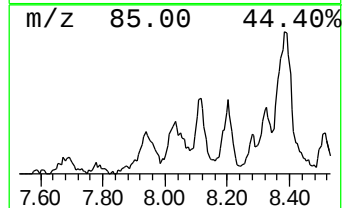
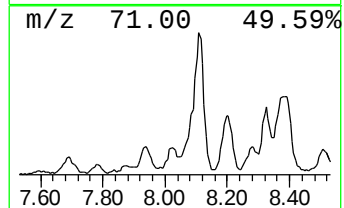
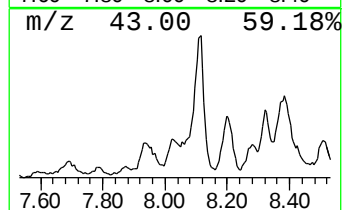
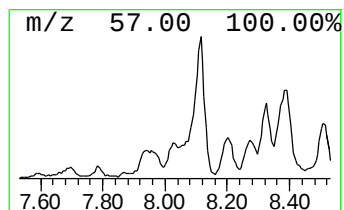
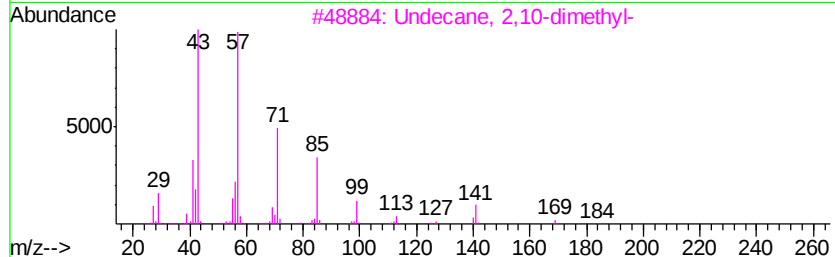
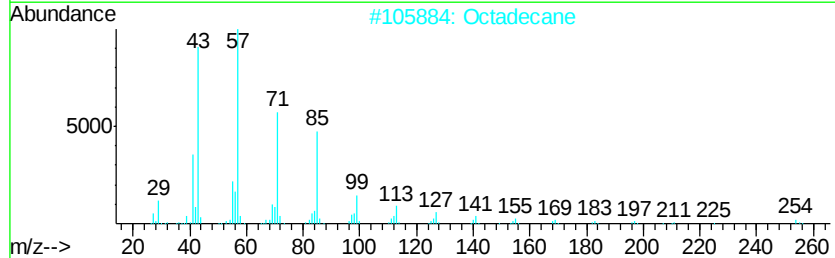
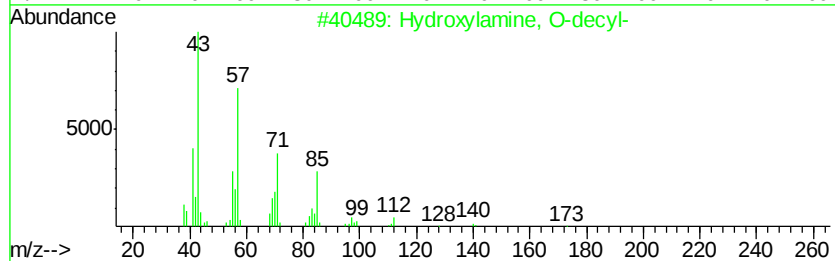
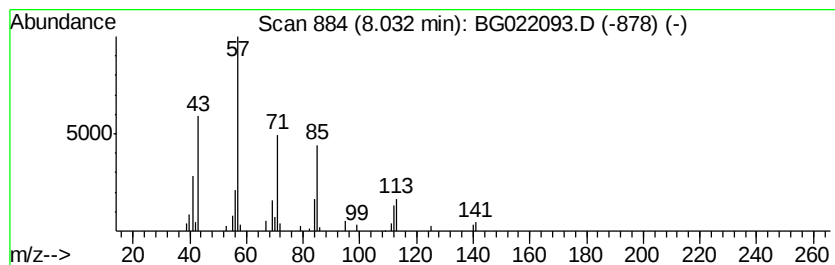
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Peak Number 3 Hydroxylamine, O-decyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.			
8.03	4.95 ng/ul	39515	1,4-Dichlorobenzene-d4	8.15			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	64
2			Octadecane	254	C18H38	000593-45-3	64
3			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	64
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59
5			Octacosane	394	C28H58	000630-02-4	59



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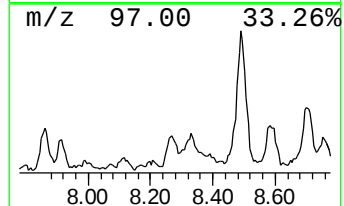
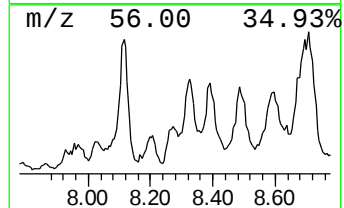
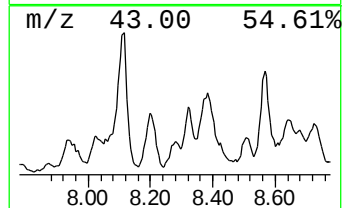
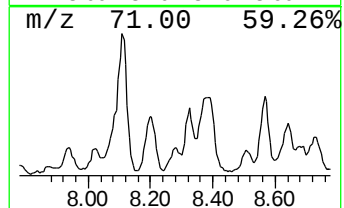
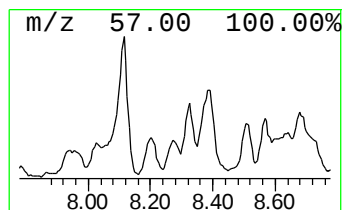
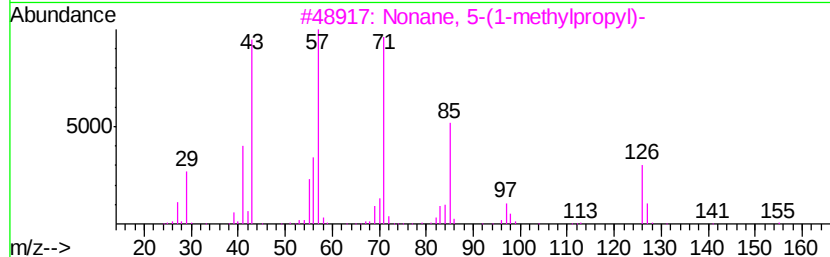
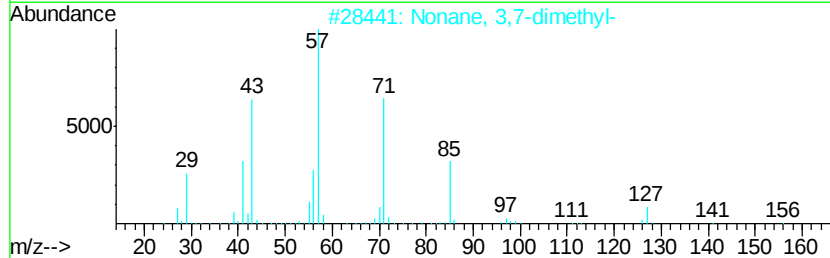
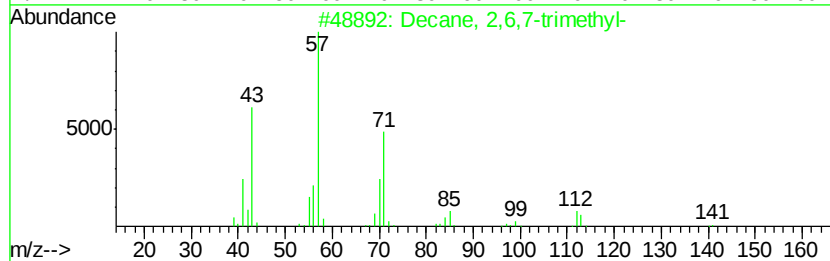
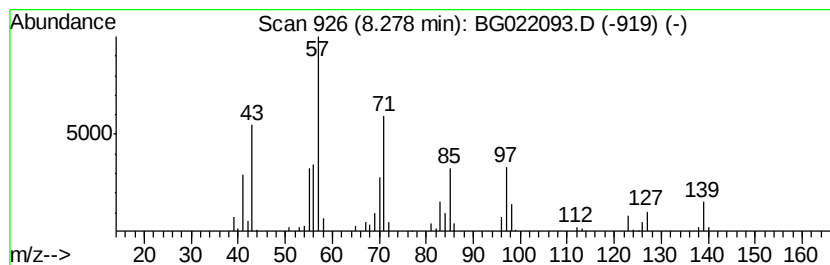
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	10.06 ng/ul	80326	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	43
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43
3		Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	43
4		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43
5		Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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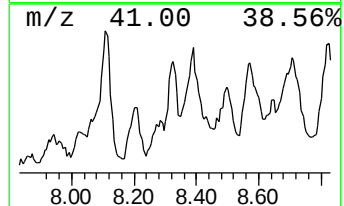
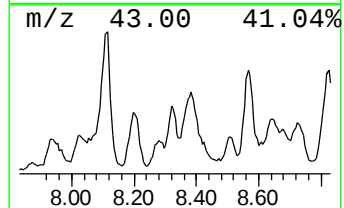
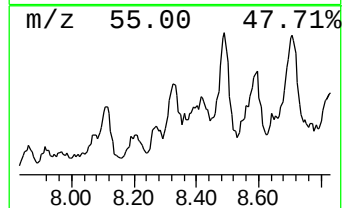
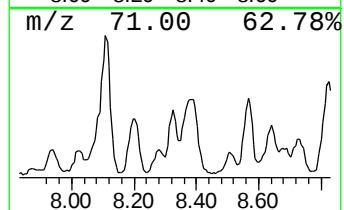
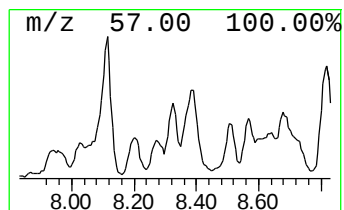
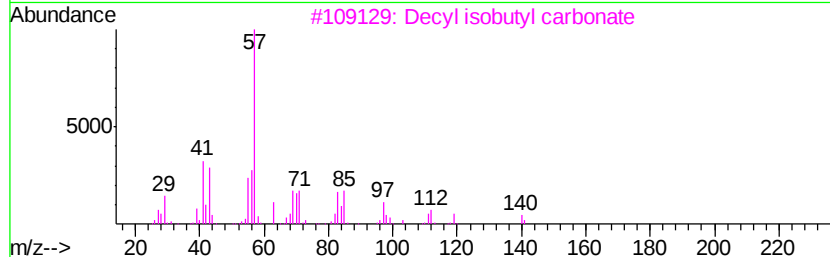
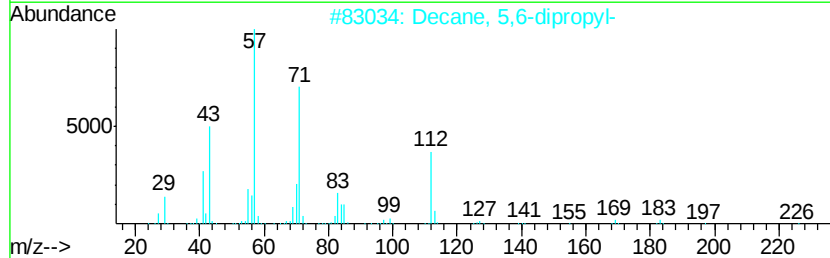
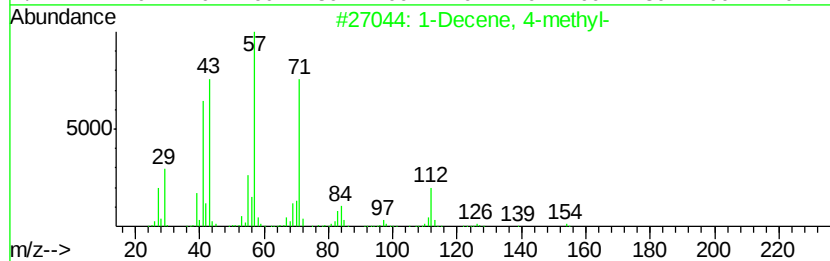
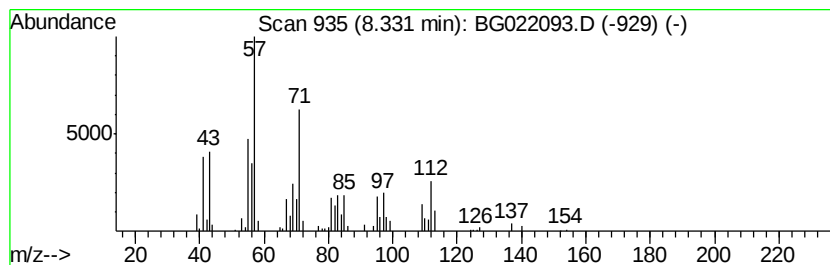
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic8.33 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	17.42 ng/ul	139108	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene, 4-methyl-	154	C11H22	013151-29-6	53
2	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	50
3	Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	43
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
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ClientSampleId :
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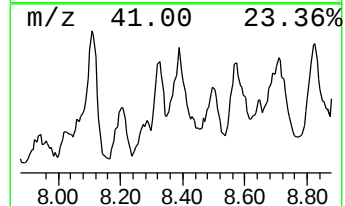
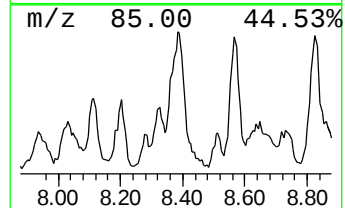
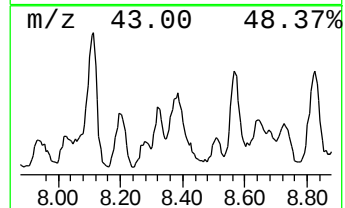
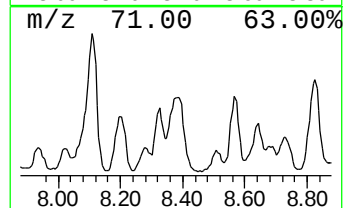
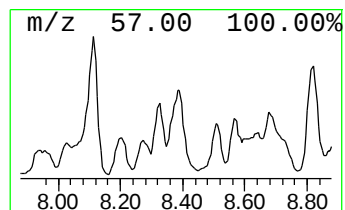
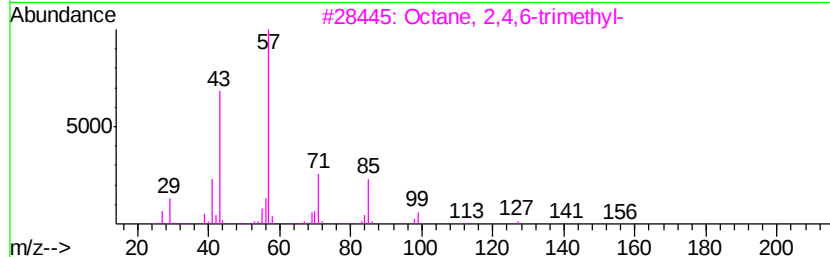
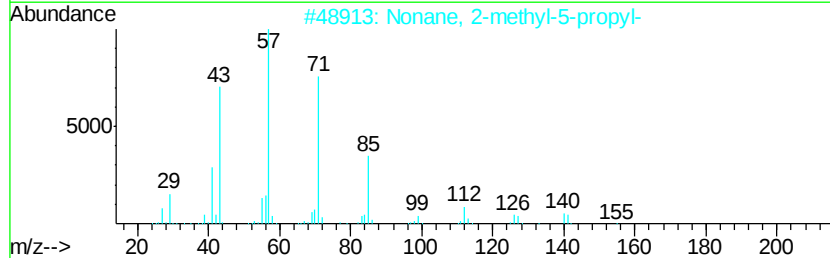
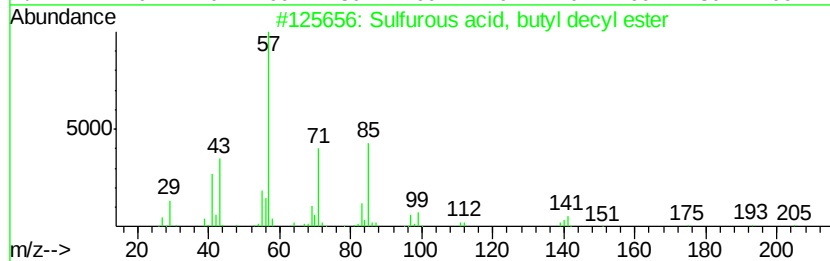
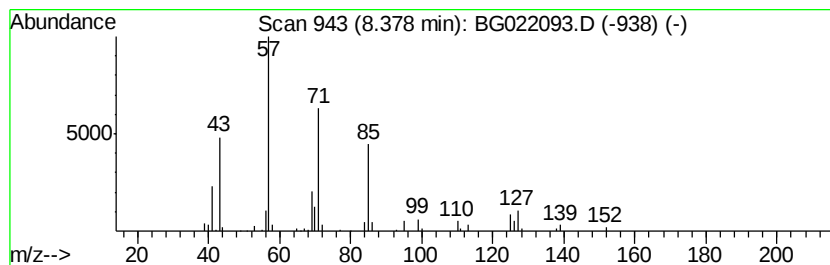
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Sulfurous acid, butyl decyl... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	27.00 ng/ul	215702	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	59
2		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	50
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
4		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
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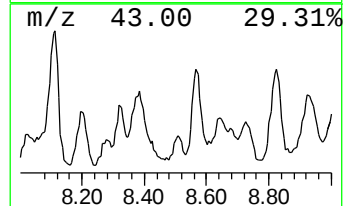
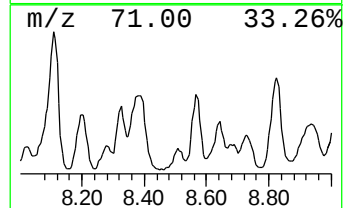
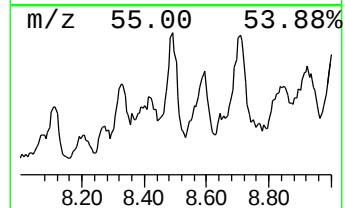
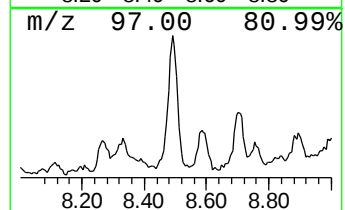
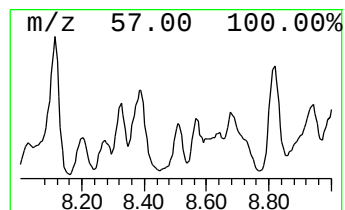
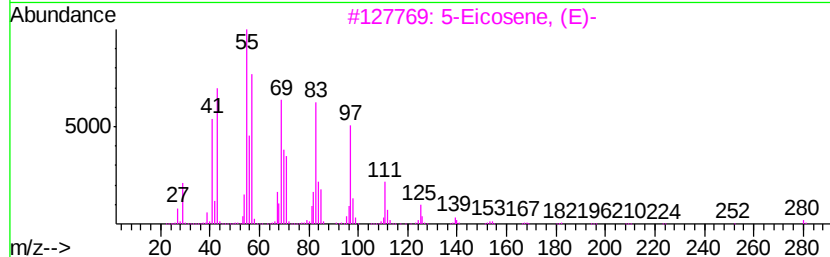
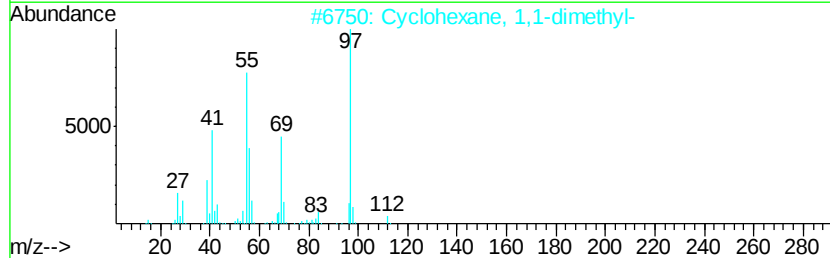
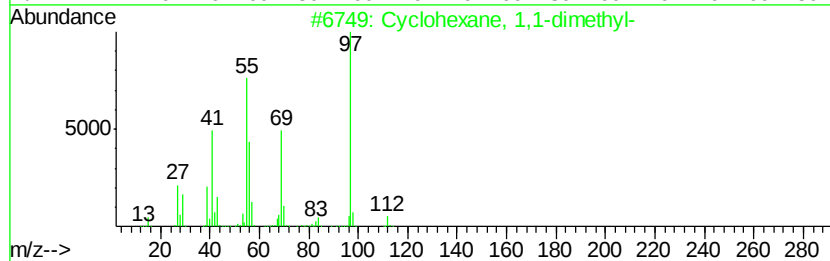
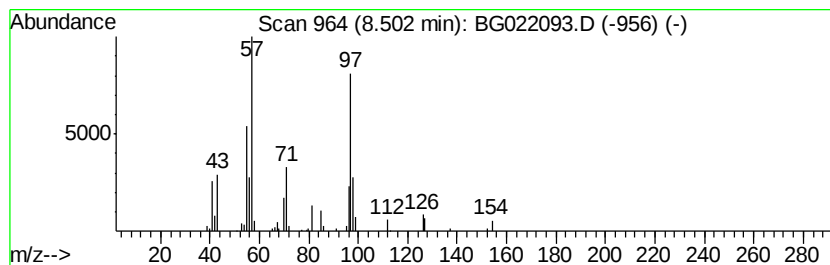
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic8.50 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	17.58 ng/ul	140456	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	47
2		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	47
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	40
4		1-Docosene	308	C22H44	001599-67-3	32
5		Thiophene, 2-pentyl-	154	C9H14S	004861-58-9	32



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
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Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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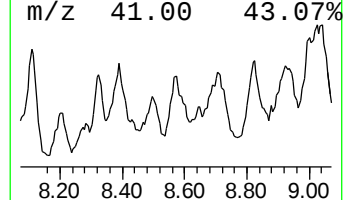
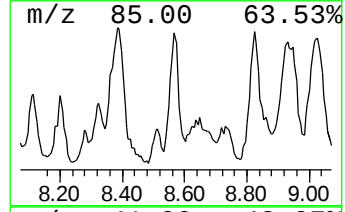
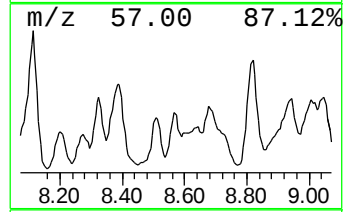
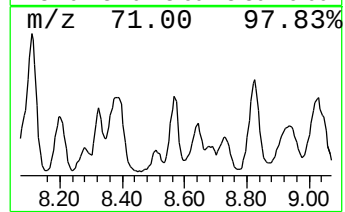
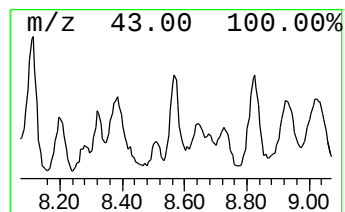
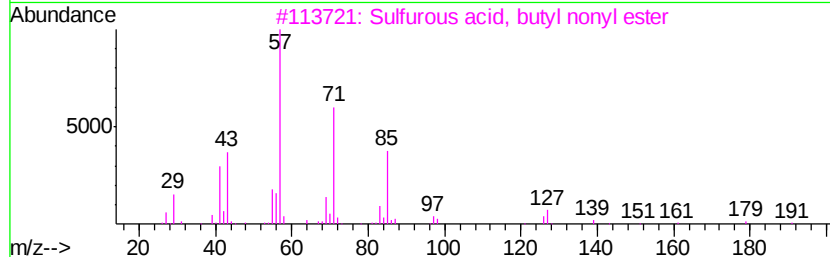
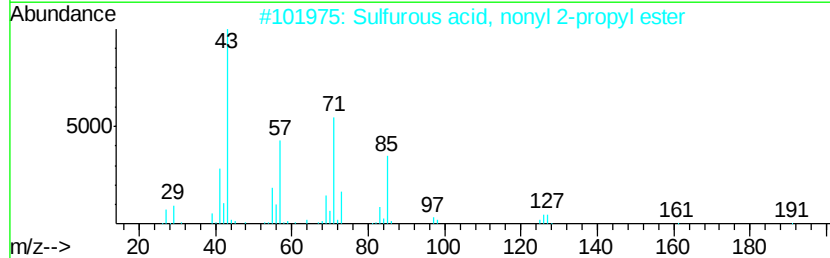
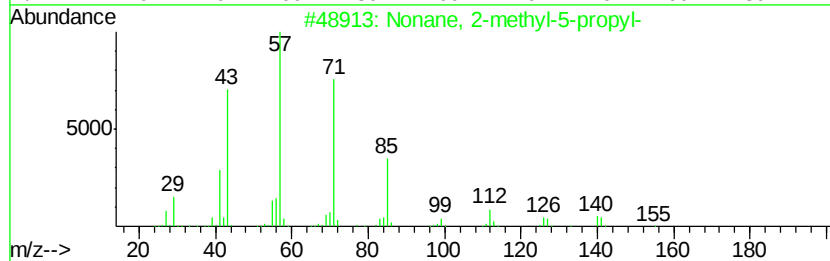
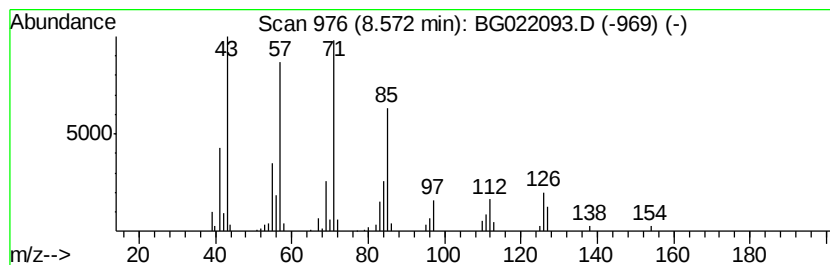
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	27.66 ng/ul	220914	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
2		Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	59
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	53
5		1-Octanol, 2,2-dimethyl-	158	C10H22O	002370-14-1	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
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Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
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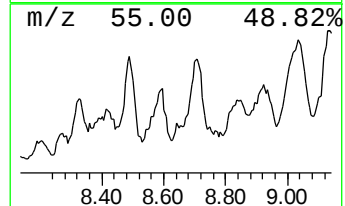
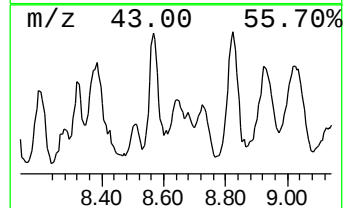
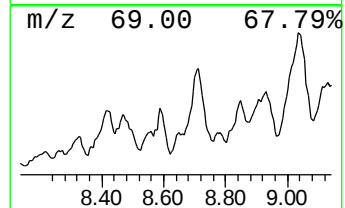
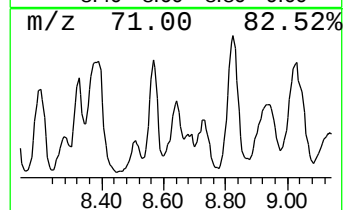
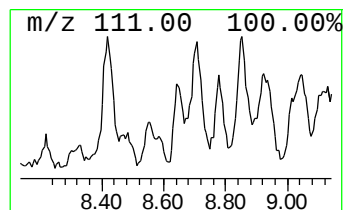
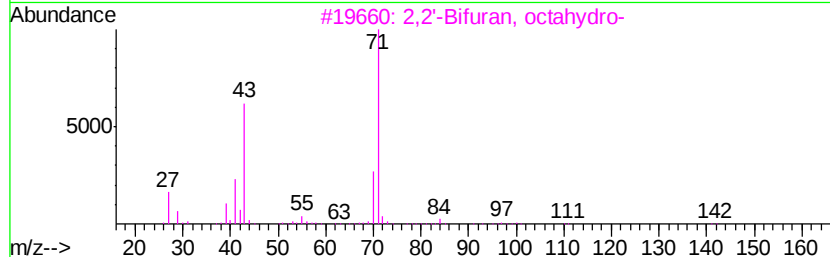
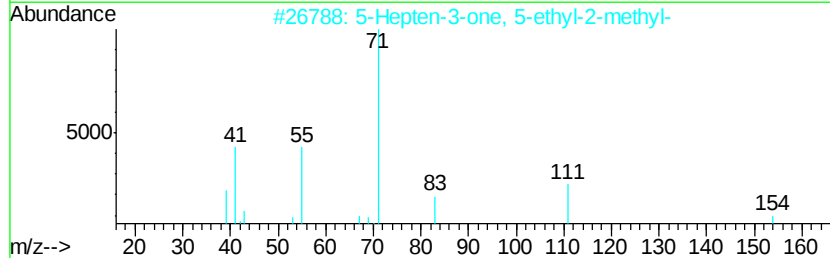
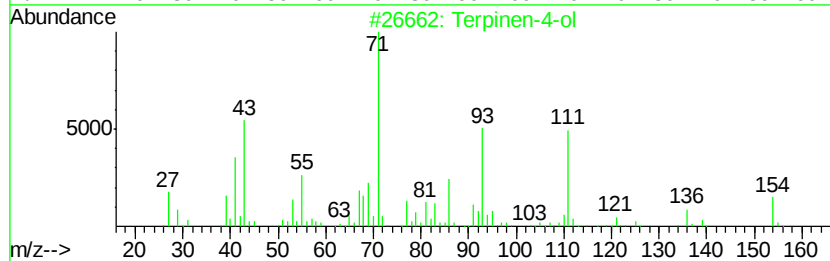
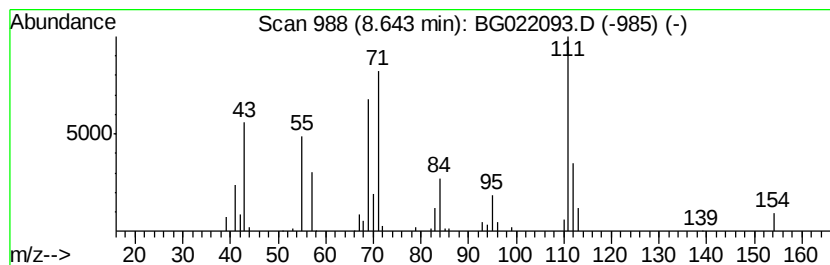
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown-01 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.64	4.47 ng/ul	35674	1,4-Dichlorobenzene-d4	8.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terpinen-4-ol	154	C10H18O	000562-74-3	35
2	5-Hepten-3-one, 5-ethyl-2-methyl-	154	C10H18O	049833-97-8	27
3	2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	27
4	Oxazole, trimethyl-	111	C6H9NO	020662-84-4	27
5	p-Fluoroaniline	111	C6H6FN	000371-40-4	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
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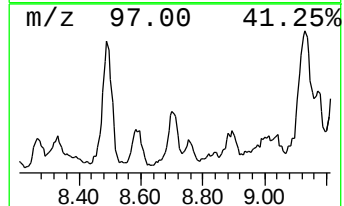
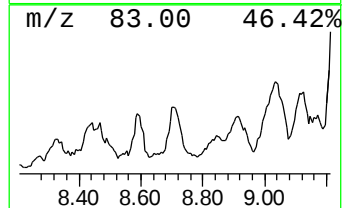
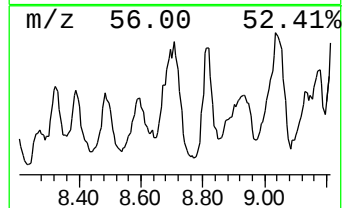
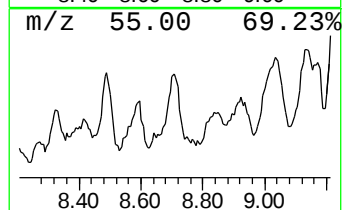
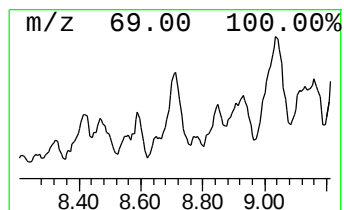
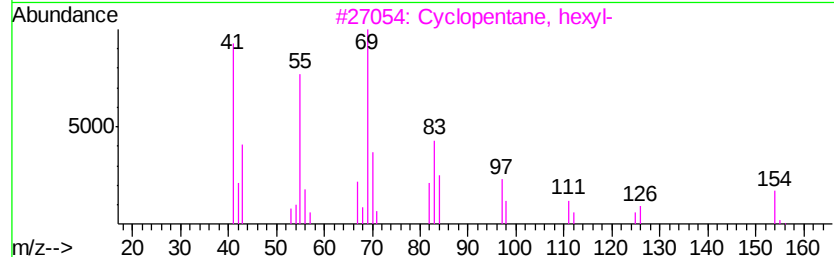
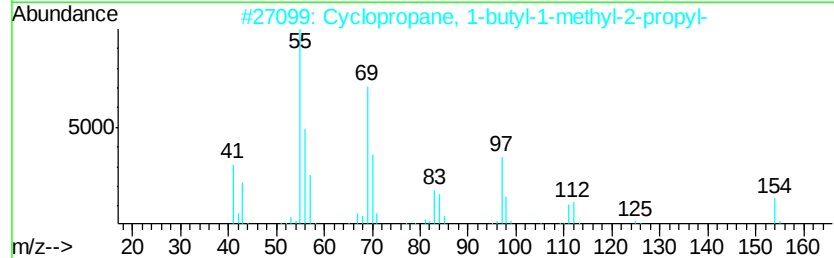
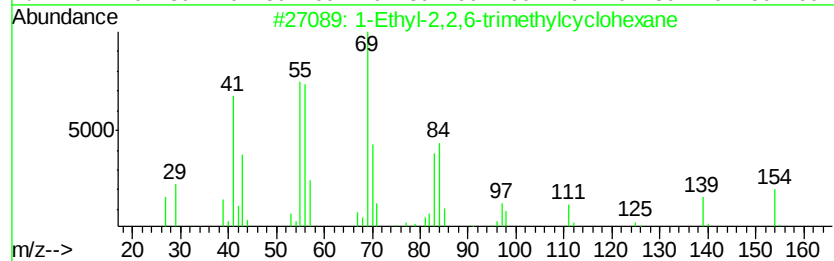
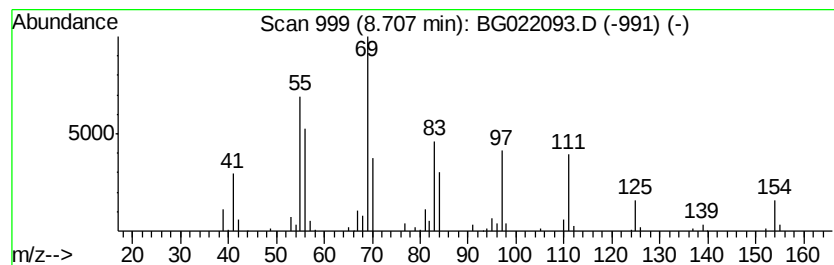
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Cyclic8.71 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	43.55 ng/ul	347841	1,4-Dichlorobenzene-d4	8.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	58
2			Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	53
3			Cyclopentane, hexyl-	154	C11H22	004457-00-5	52
4			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	50
5			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
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Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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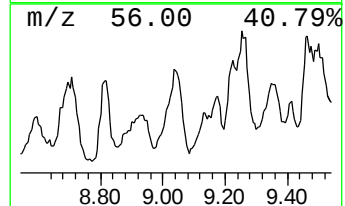
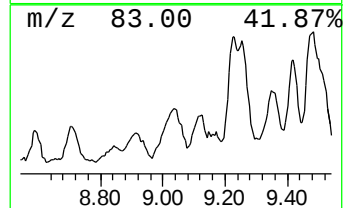
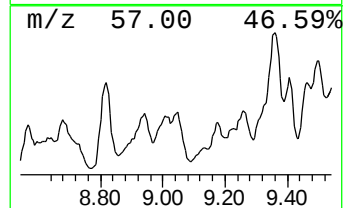
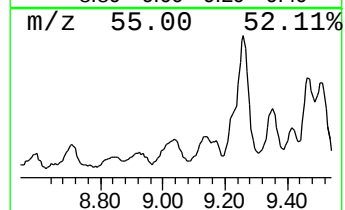
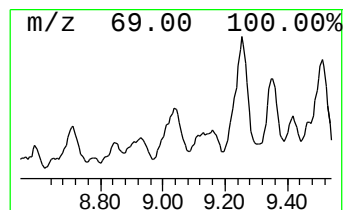
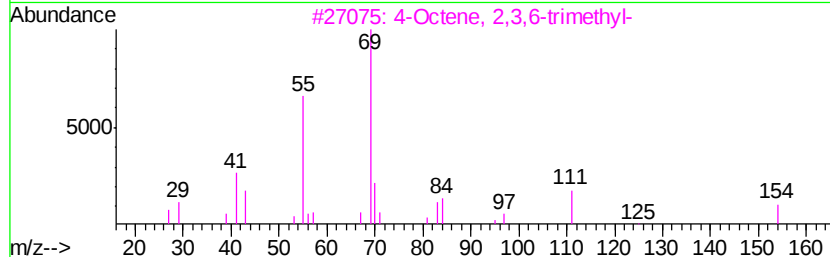
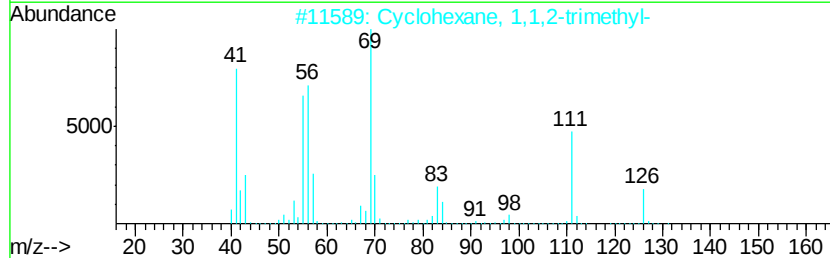
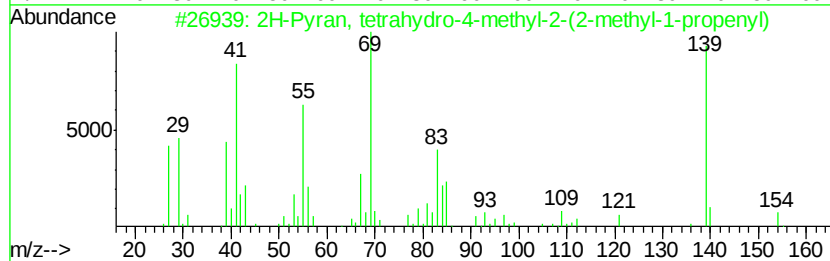
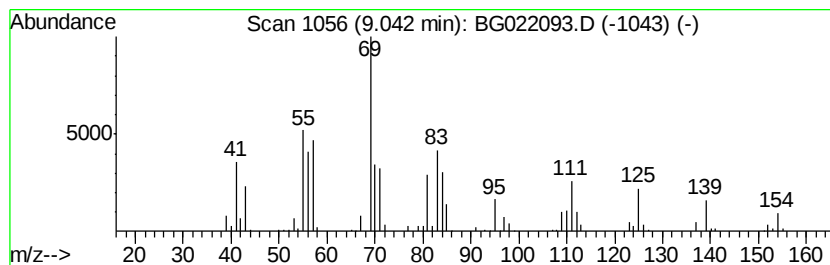
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 2H-Pyran, tetrahydro-4-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	82.01 ng/ul	655025	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	52
2		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43
3		4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	43
4		Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	43
5		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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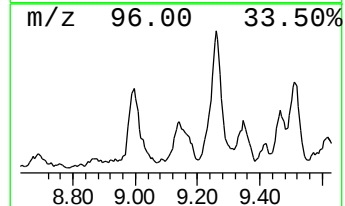
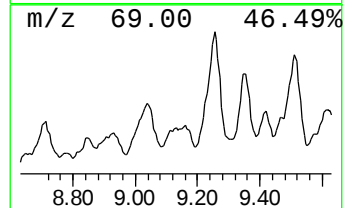
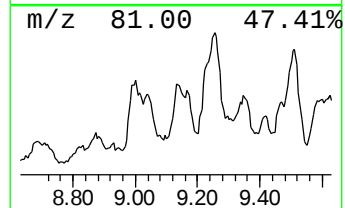
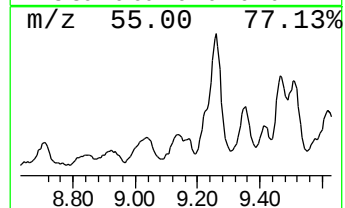
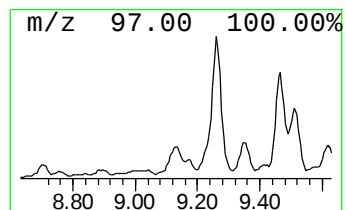
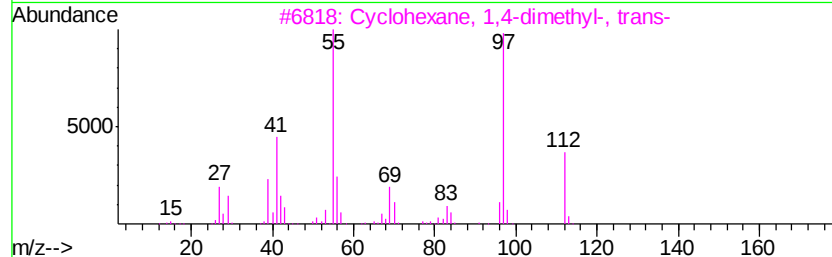
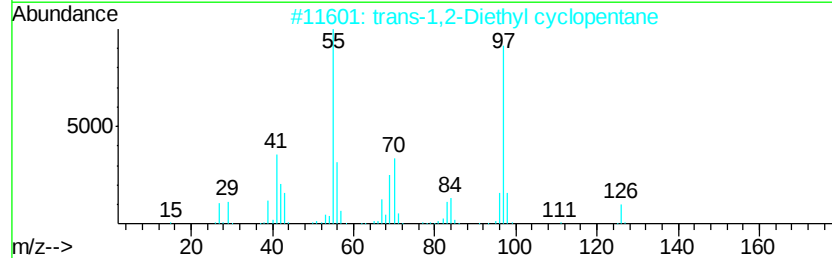
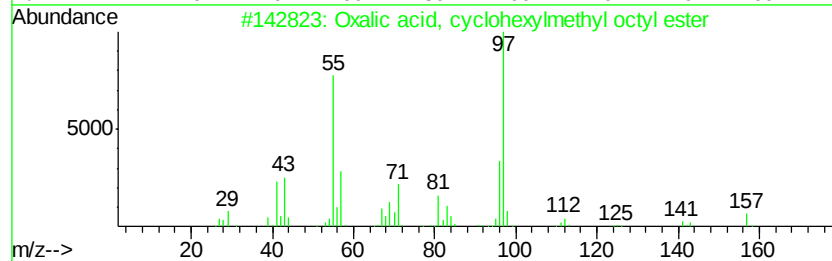
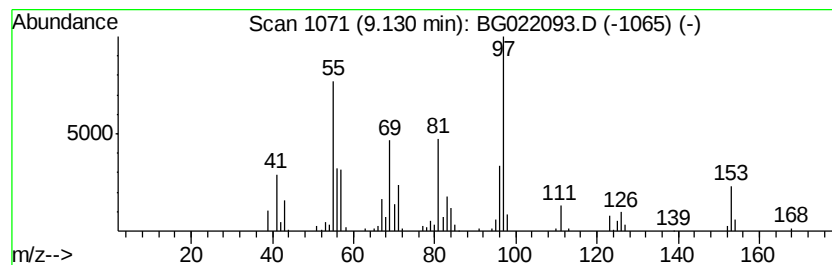
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Oxalic acid, cyclohexylmeth... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	23.03 ng/ul	183936	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, cvclohexvlmethvl oc...	298	C17H30O4	1000309-68-4	59
2		trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	58
3		Cvclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	50
4		Cvclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	47
5		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
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Acq On : 26 May 2016 23:09
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Misc :
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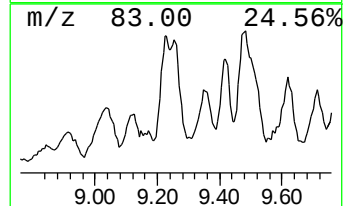
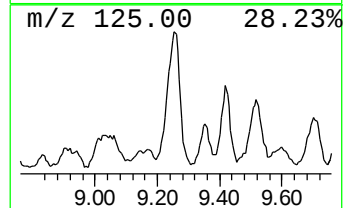
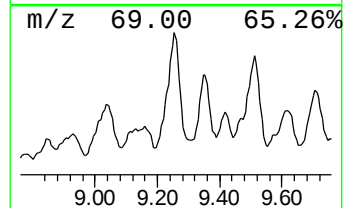
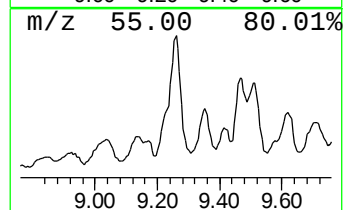
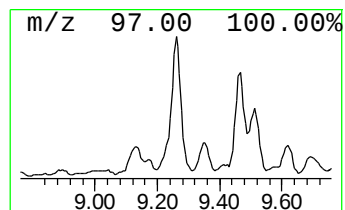
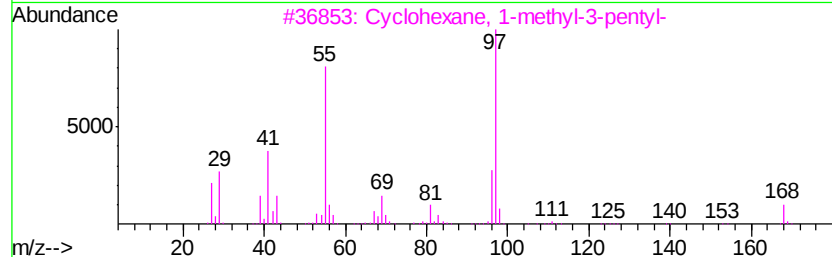
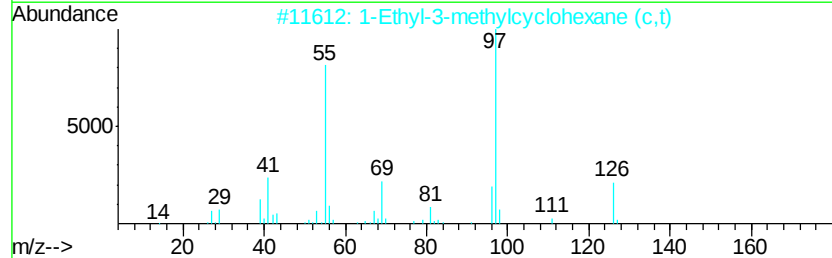
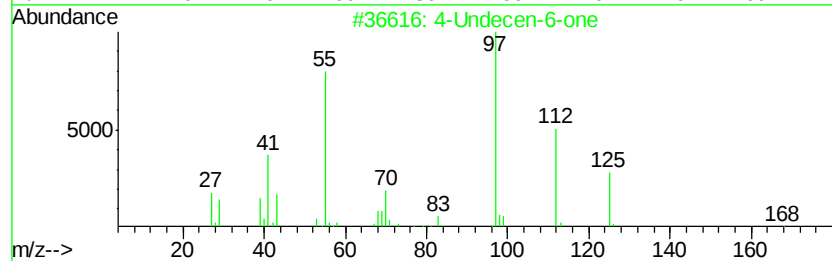
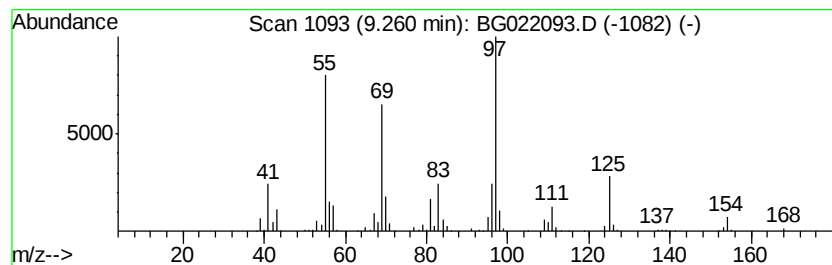
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 4-Undecen-6-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	126.21 ng/ul	1008100	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Undecen-6-one	168	C11H20O	032064-74-7	58
2		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	53
3		Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	53
4		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	53
5		Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
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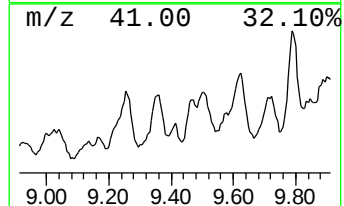
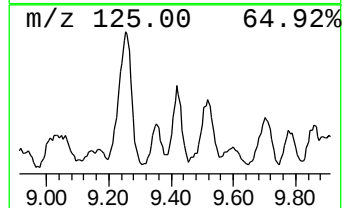
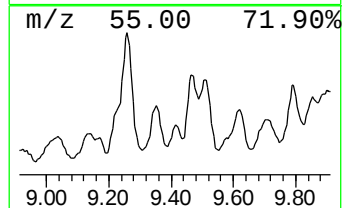
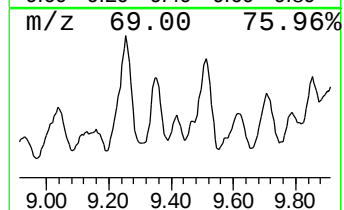
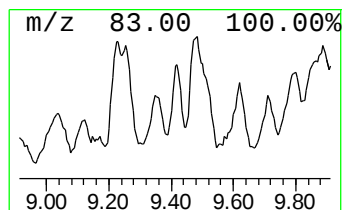
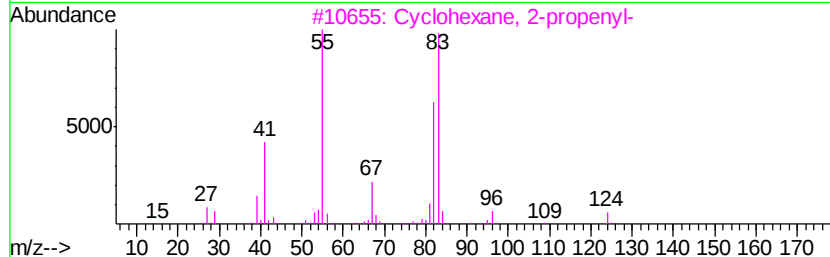
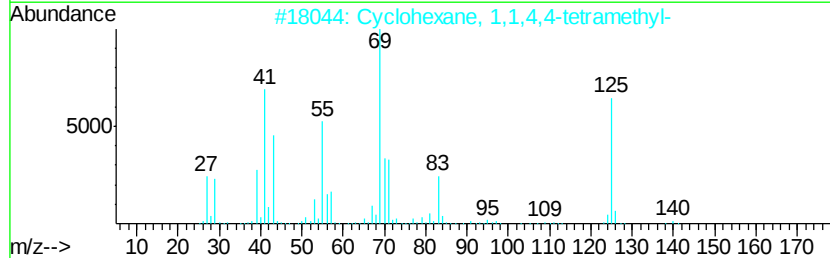
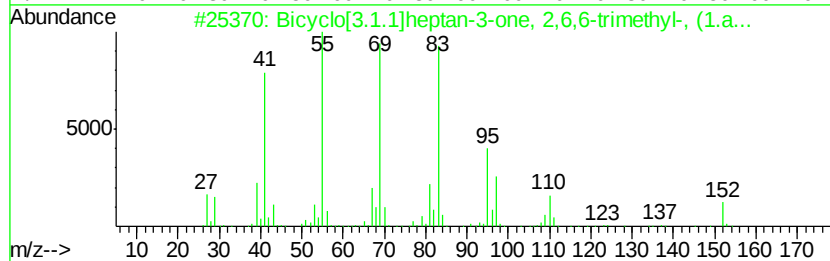
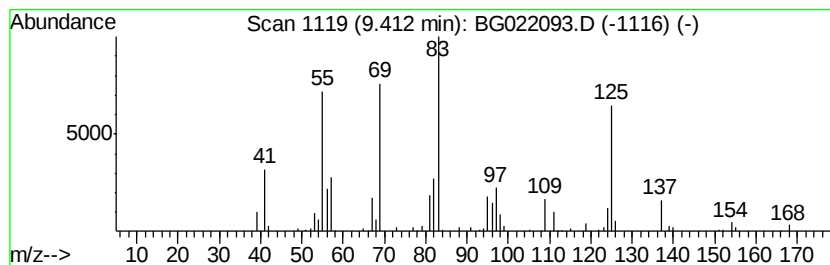
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown-02 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	15.90 ng/ul	127042	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	40
2		Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	38
3		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	22
4		Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	22
5		Citronellal	154	C10H18O	000106-23-0	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
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Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

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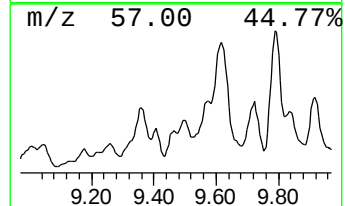
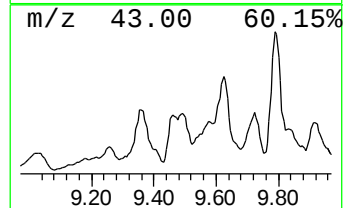
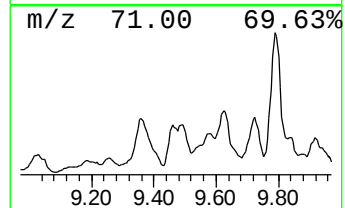
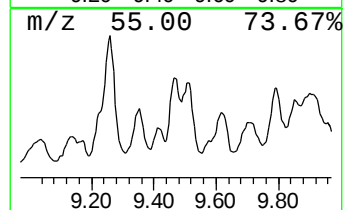
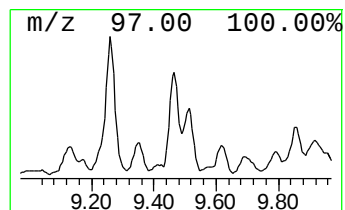
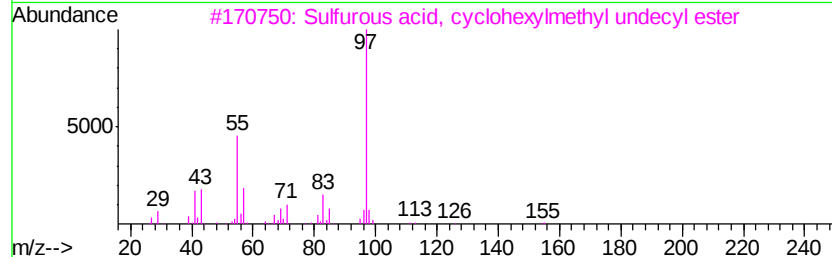
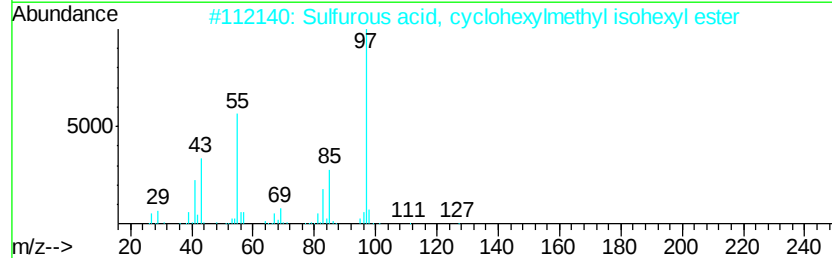
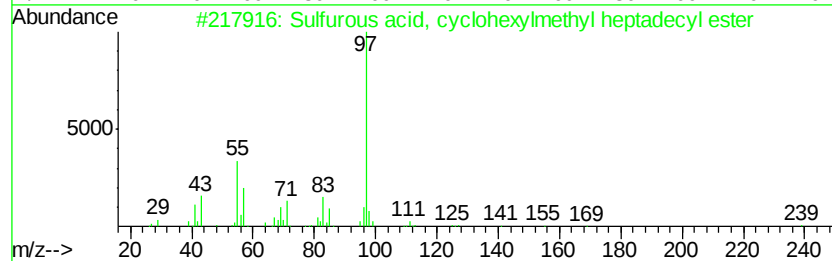
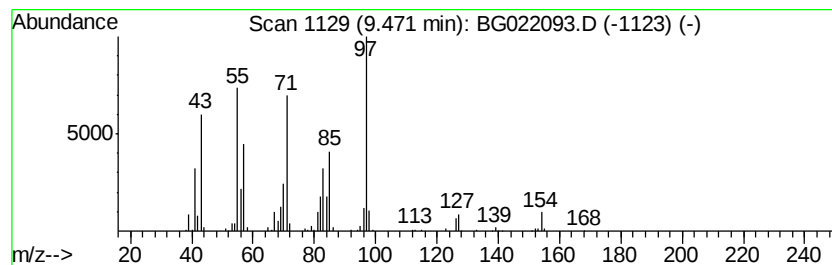
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	52.78 ng/ul	421576	1,4-Dichlorobenzene-d4	8.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	43
2			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	43
3			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	43
4			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	43
5			Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
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ClientSampleId :
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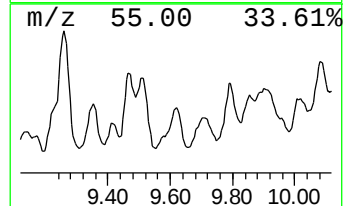
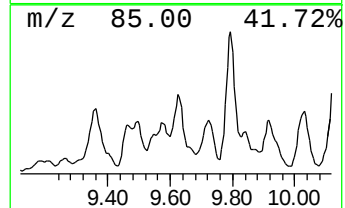
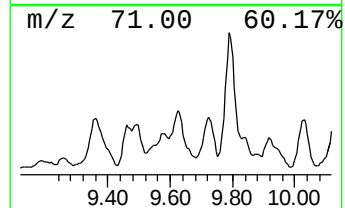
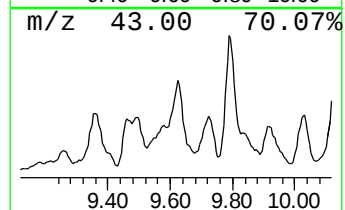
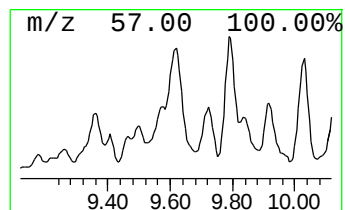
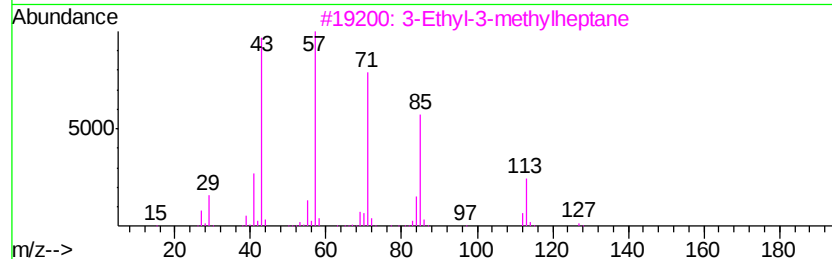
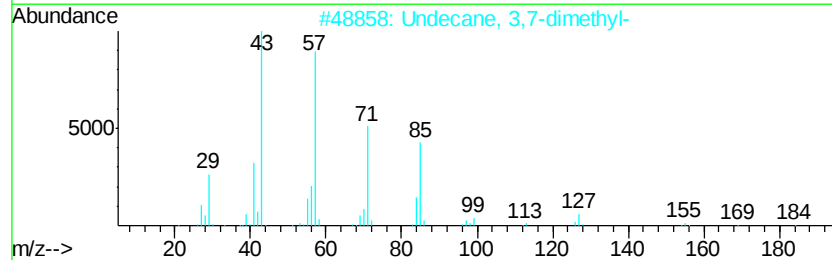
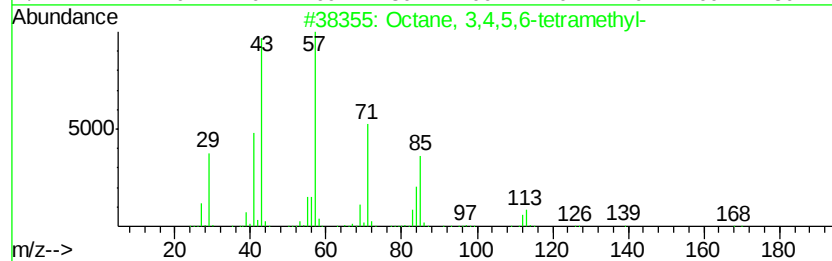
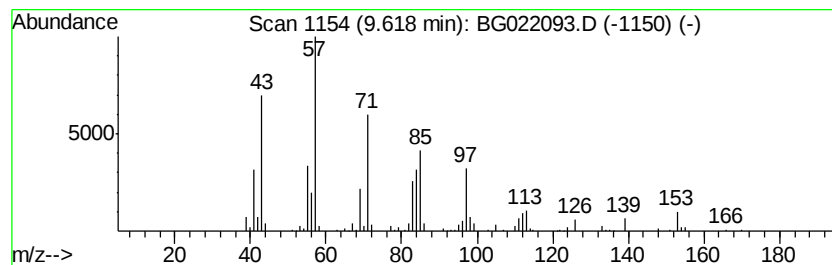
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	6.75 ng/ul	655293	Napthalene-d8	10.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
2			Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	50
3			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	49
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	49
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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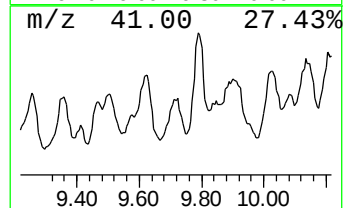
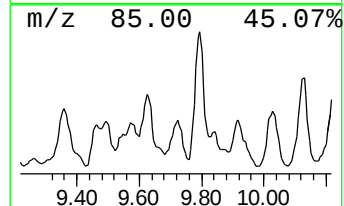
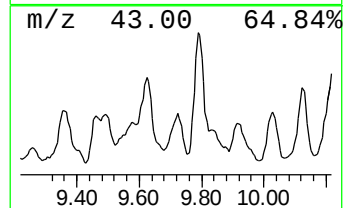
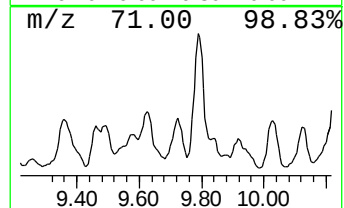
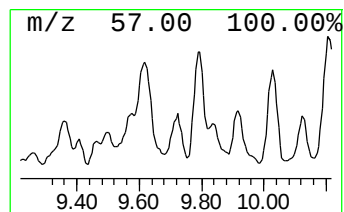
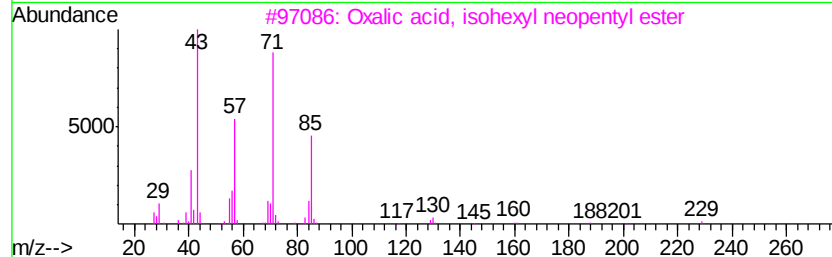
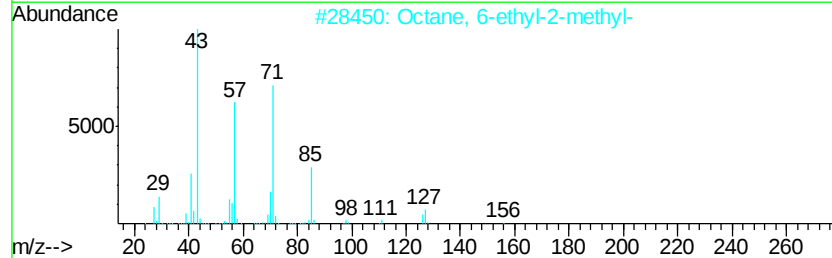
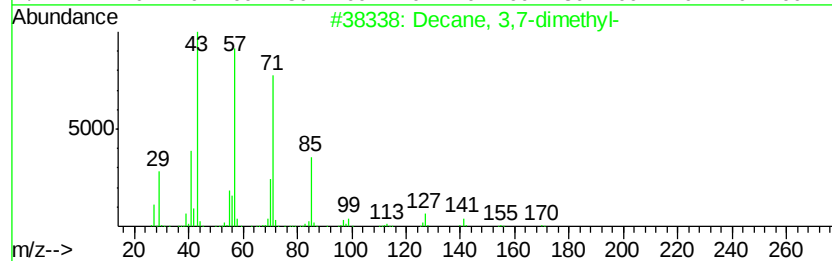
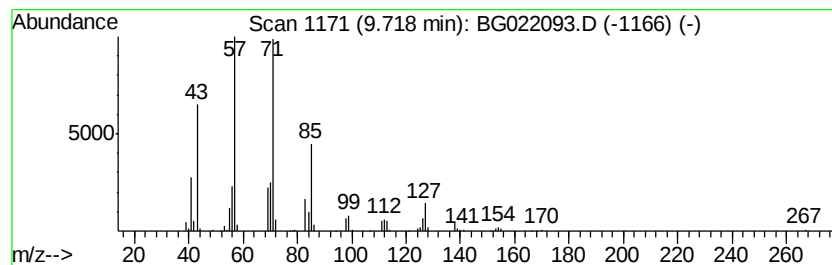
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	3.56 ng/ul	346062	Napthalene-d8	10.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	87
2			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	72
3			Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	59
4			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59
5			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
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Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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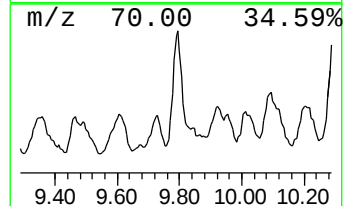
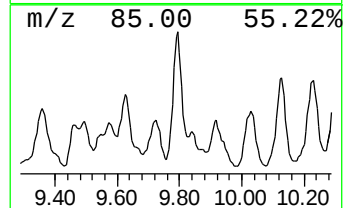
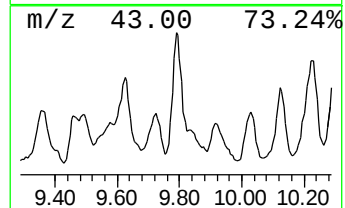
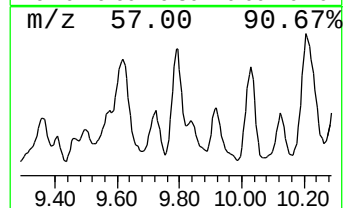
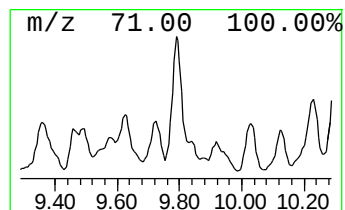
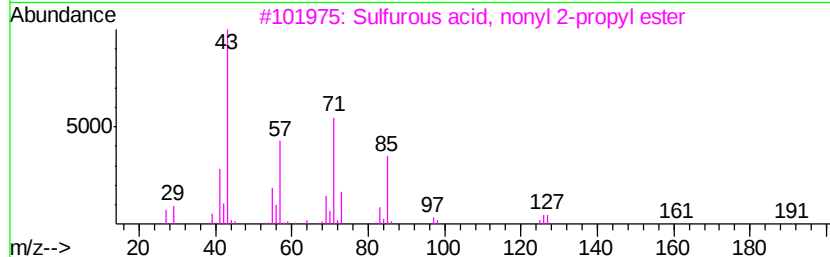
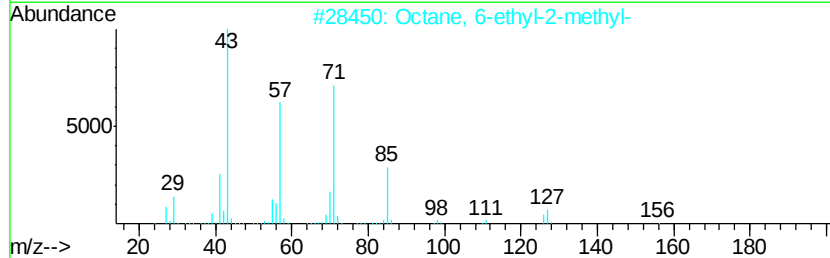
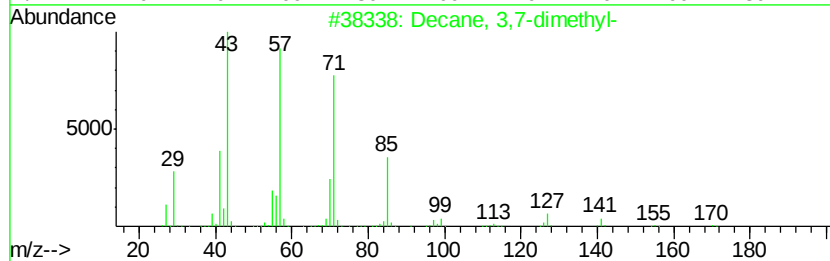
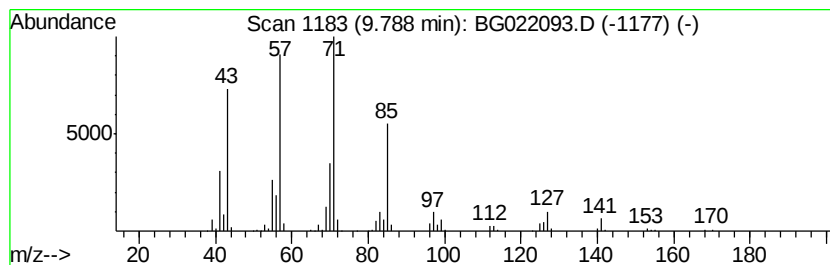
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	9.94 ng/ul	965717	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	93
2		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	72
3		Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	72
4		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64
5		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

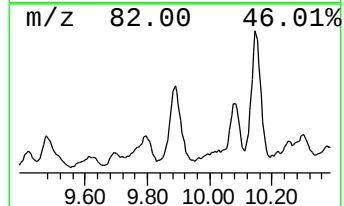
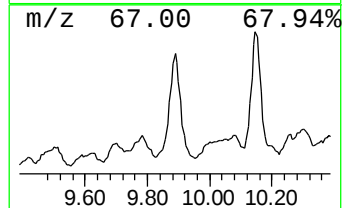
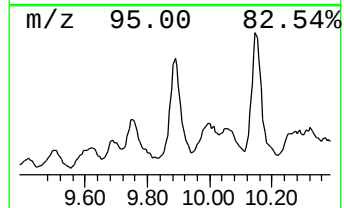
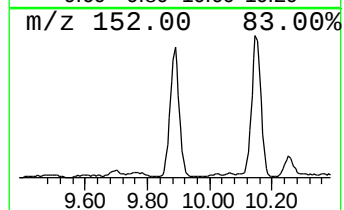
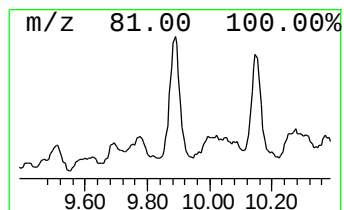
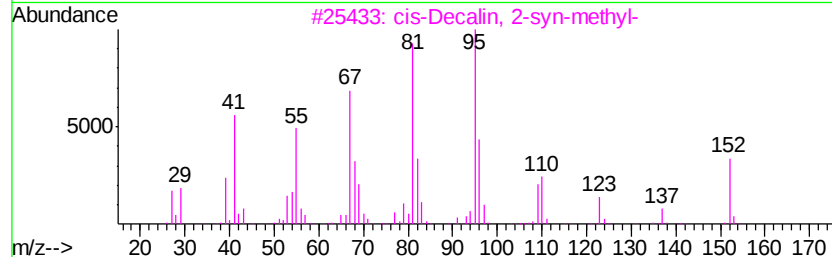
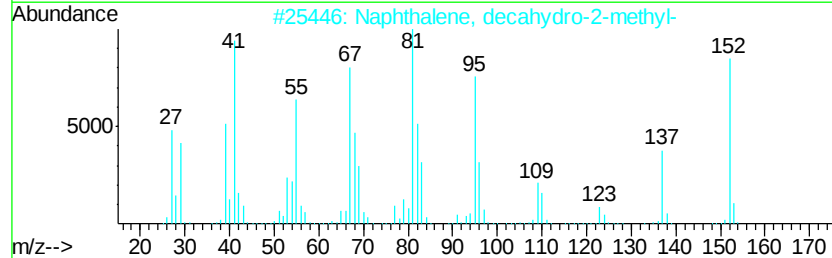
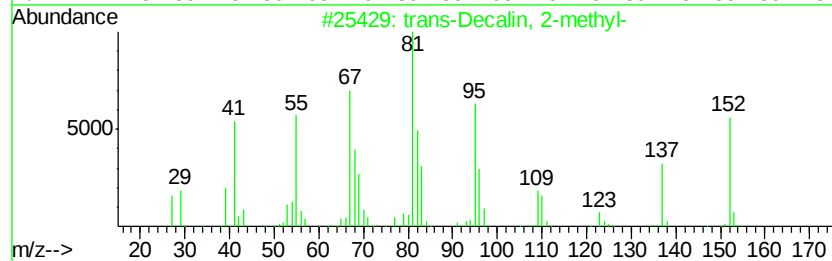
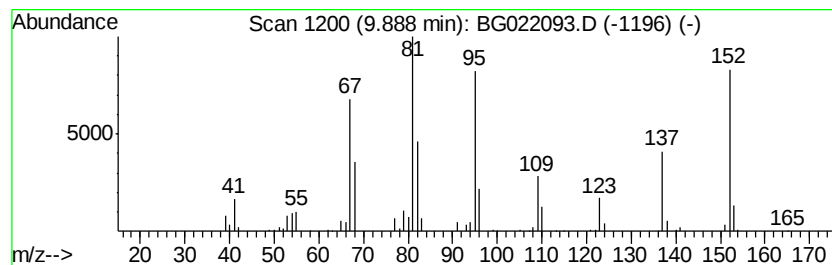
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Branched9.89 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	12.88 ng/ul	1250760	Naphthalene-d8	10.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3	94
2	Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1	81
3	cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6	72
4	Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6	70
5	Cyclohexanone, 2-methyl-5-(1-met...	152 C10H16O	005948-04-9	70



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
BCZK0

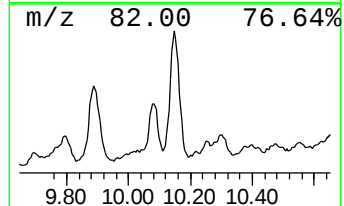
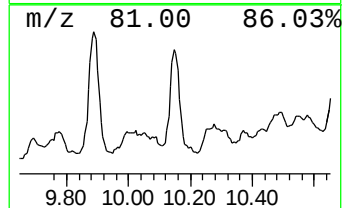
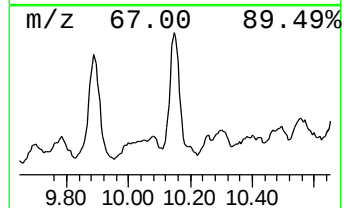
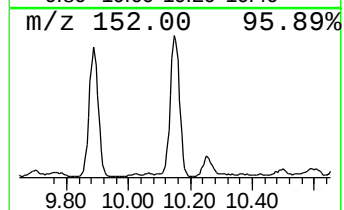
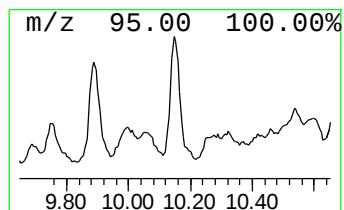
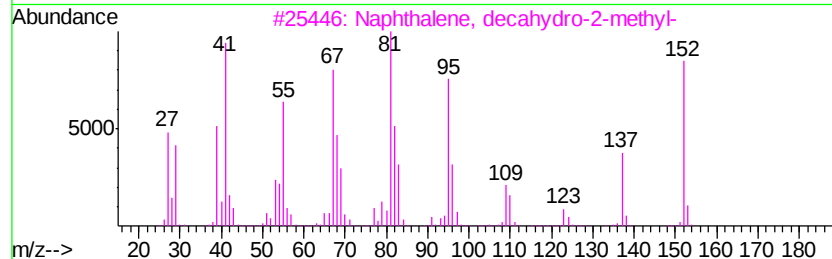
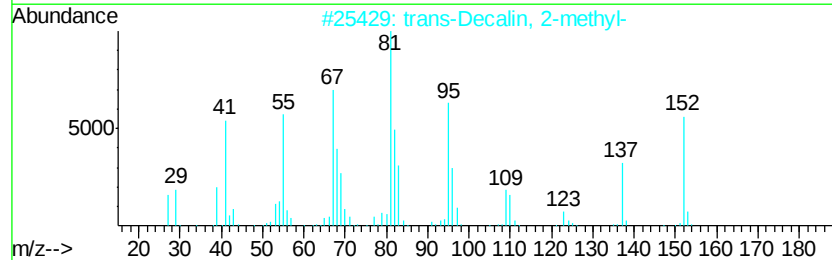
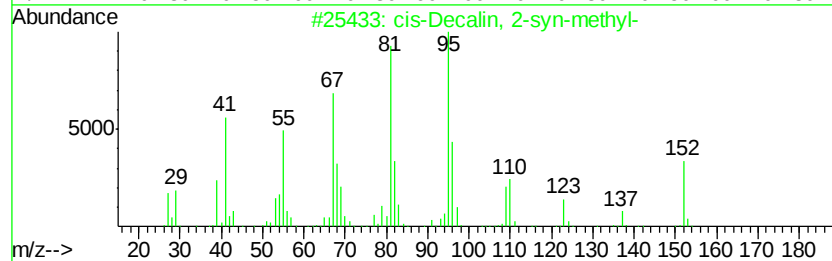
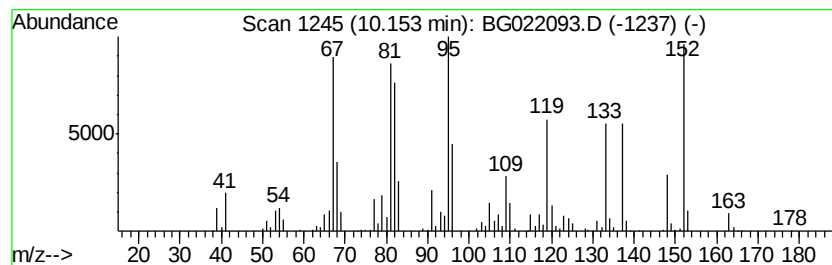
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Branched10.15 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	10.73 ng/ul	1042620	Naphthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	70
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	68
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
4		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	62
5		3,4-Dimethoxytoluene	152	C9H12O2	000494-99-5	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

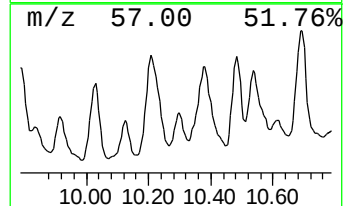
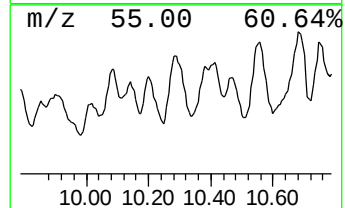
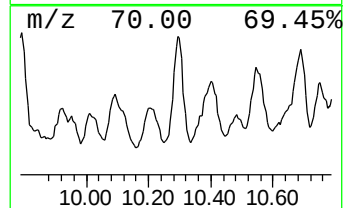
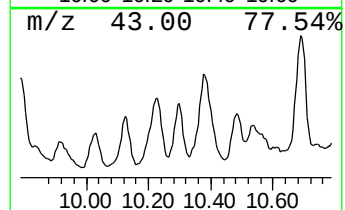
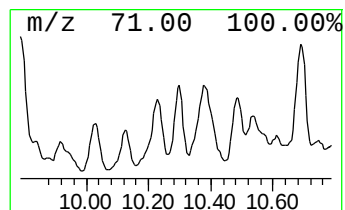
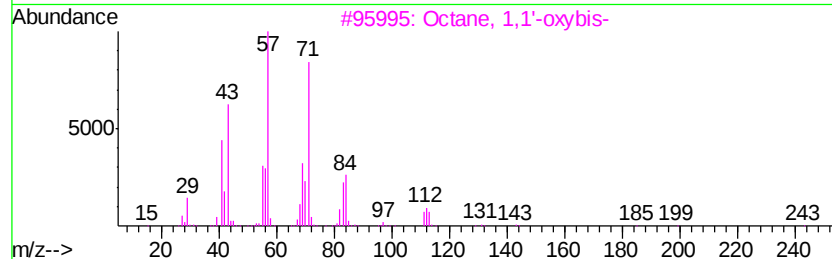
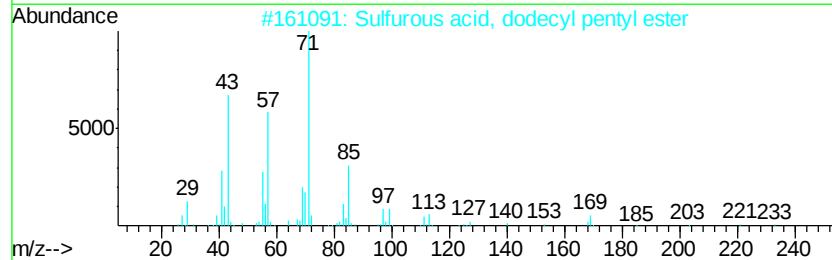
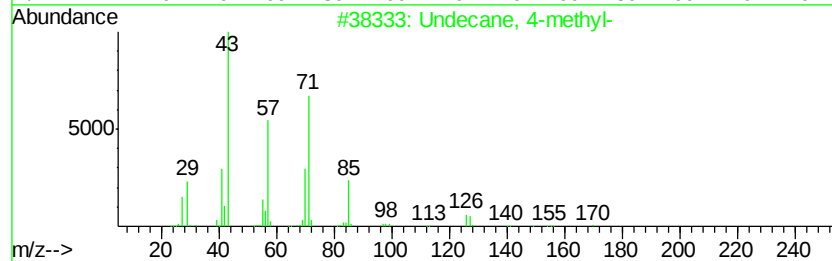
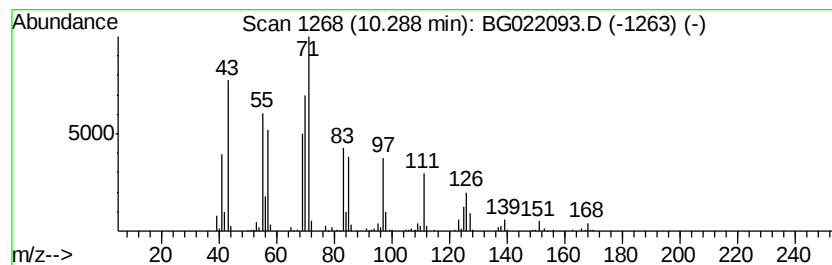
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	7.41 ng/ul	719419	Naphthalene-d8	10.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 4-methyl-	170 C12H26	002980-69-0	64
2	Sulfurous acid, dodecyl pentyl e...	320 C17H36O3S	1000309-14-5	50
3	Octane, 1,1'-oxybis-	242 C16H34O	000629-82-3	43
4	2,4,4-Trimethyl-1-hexene	126 C9H18	051174-12-0	43
5	Propanoic acid, 2-methyl-, 2-eth...	200 C12H24O2	035061-61-1	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

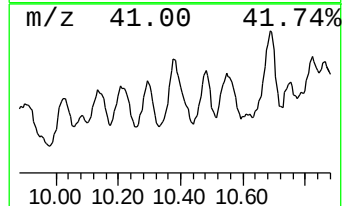
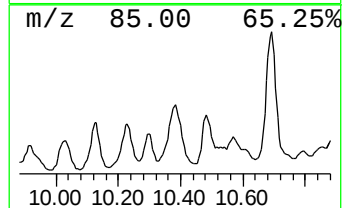
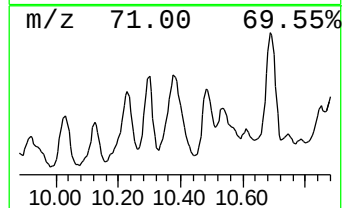
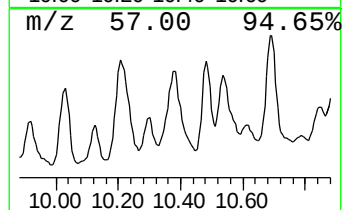
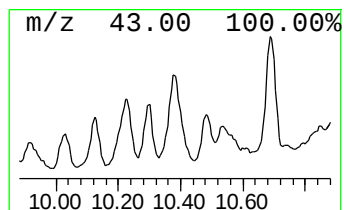
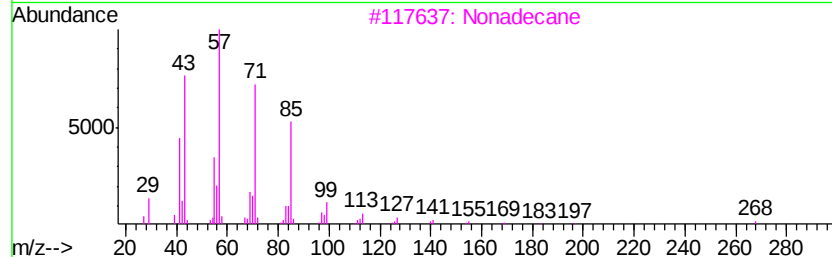
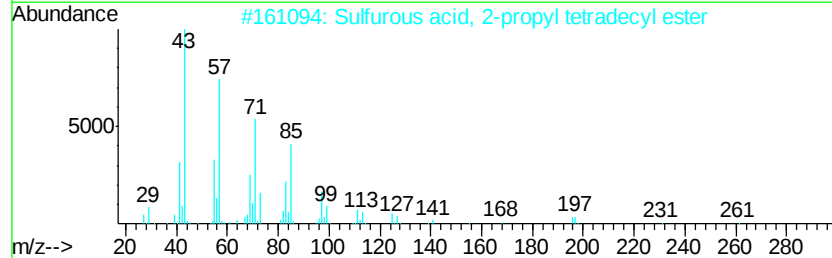
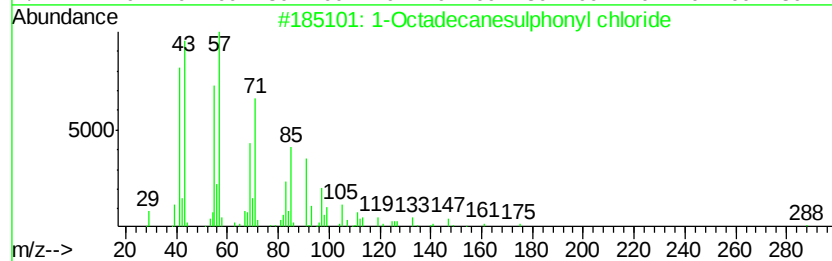
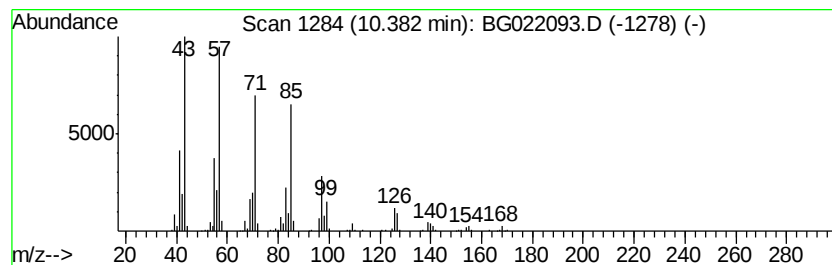
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 1-Octadecanesulphonyl chloride Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.38	11.16 ng/ul	1084230	Napthalene-d8	10.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	78
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	72
3	Nonadecane	268	C19H40	000629-92-5	72
4	Hexadecane	226	C16H34	000544-76-3	64
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

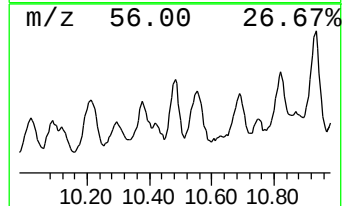
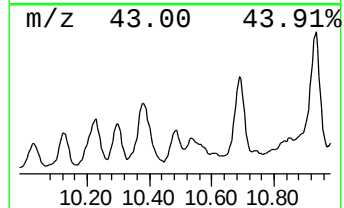
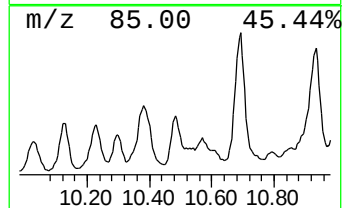
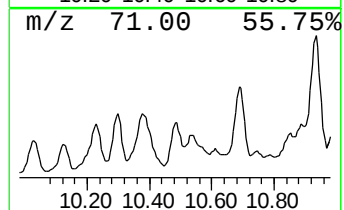
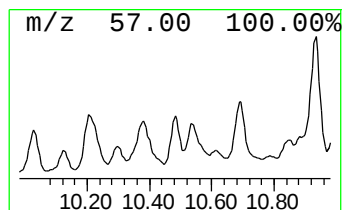
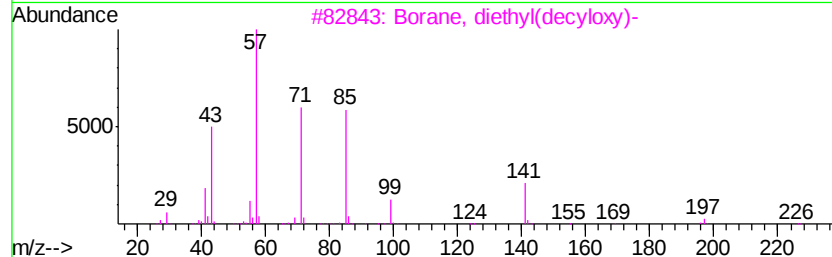
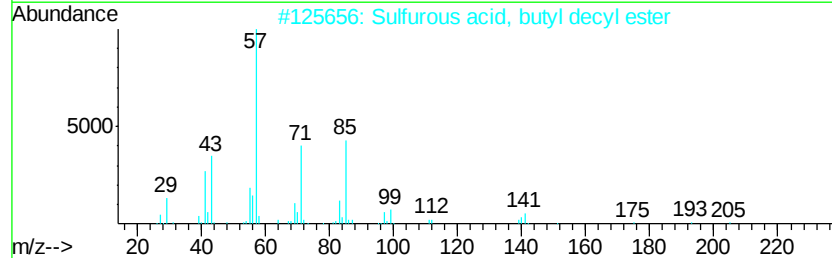
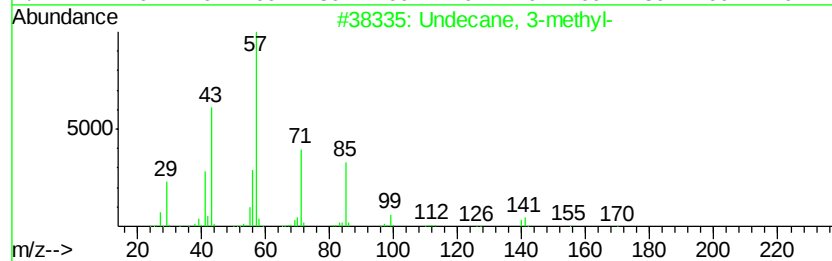
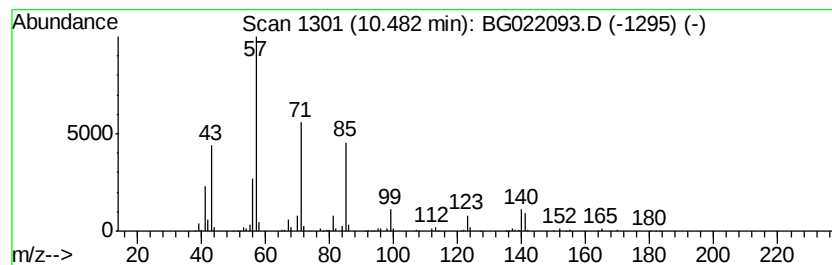
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	6.19 ng/ul	601620	Napthalene-d8	10.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3-methyl-	170 C12H26	001002-43-3	78
2	Sulfurous acid, butyl decyl ester	278 C14H30O3S	1000309-17-7	64
3	Borane, diethyl(decvloxy)-	226 C14H31B0	1000152-34-3	59
4	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	50
5	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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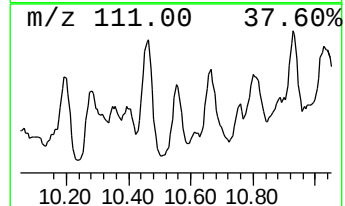
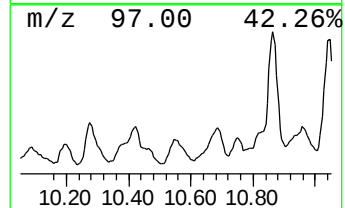
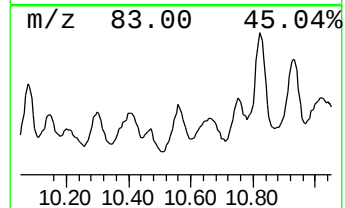
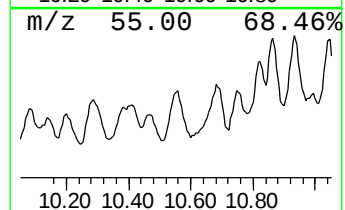
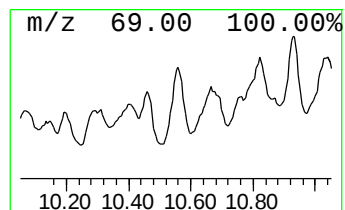
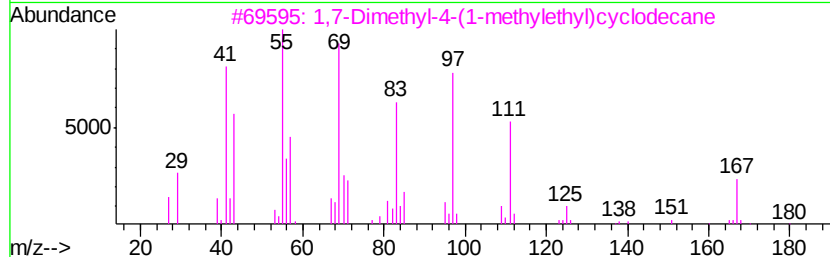
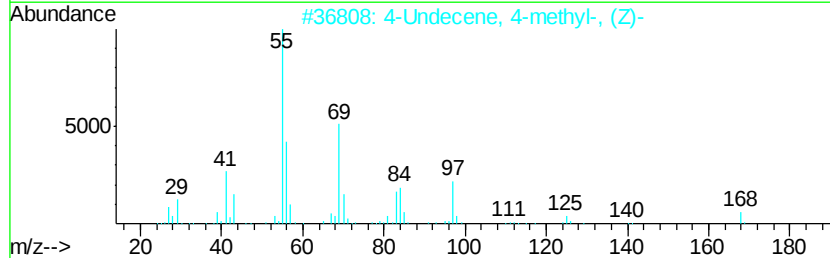
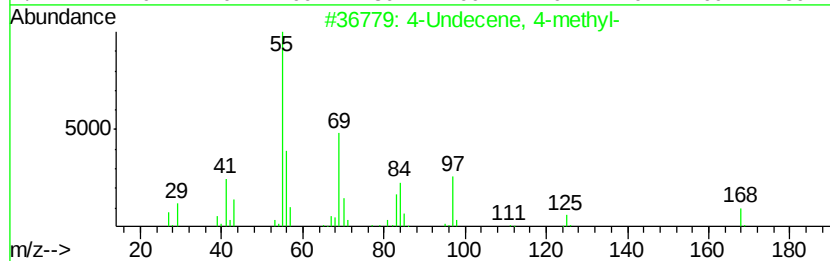
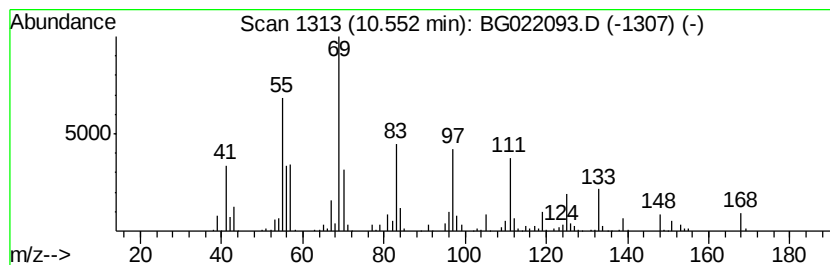
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Cyclic10.55 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	9.54 ng/ul	926676	Naphthalene-d8	10.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Undecene, 4-methyl-	168	C12H24	061142-40-3	62
2			4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	62
3			1,7-Dimethyl-4-(1-methylethyl)cyclodecane	210	C15H30	000645-10-3	58
4			Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	46
5			Cyclopentane, ethyl-	98	C7H14	001640-89-7	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

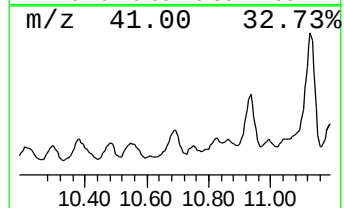
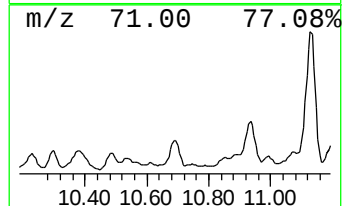
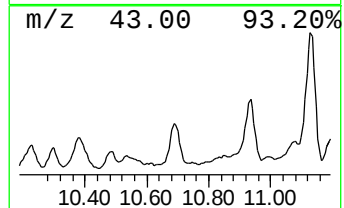
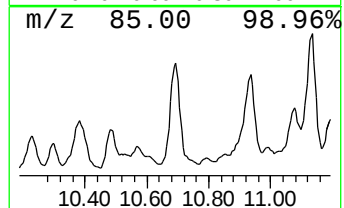
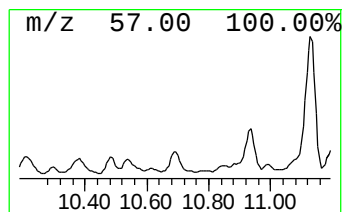
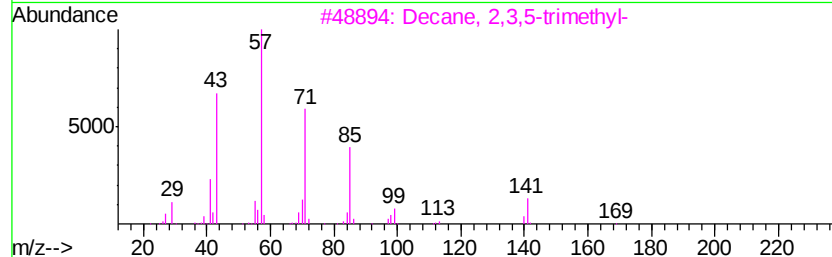
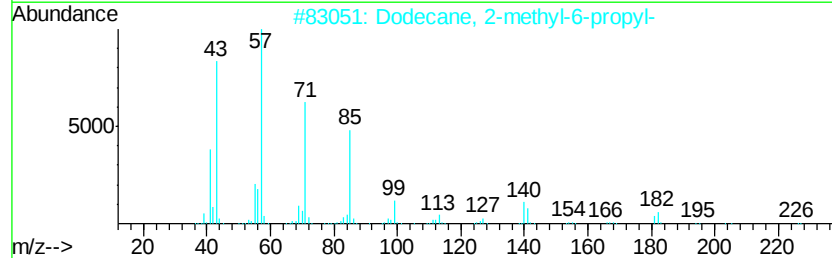
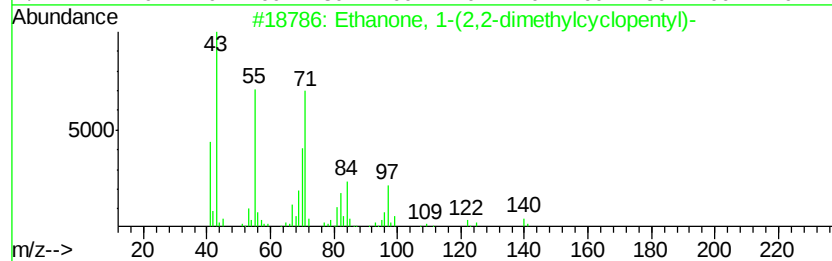
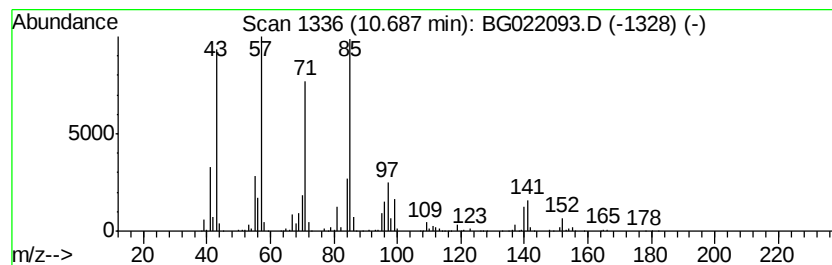
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Ethanone, 1-(2,2-dimethylcy... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	16.84 ng/ul	1635520	Naphthalene-d8	10.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Ethanone, 1-(2,2-dimethylcyclope...	140 C9H16O	003664-75-3	53
2	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	50
3	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	47
4	Decane, 1-iodo-	268 C10H21I	002050-77-3	43
5	Sulfurous acid, hexyl pentyl ester	236 C11H24O3S	1000309-14-1	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
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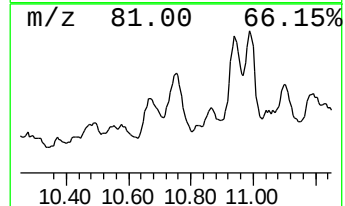
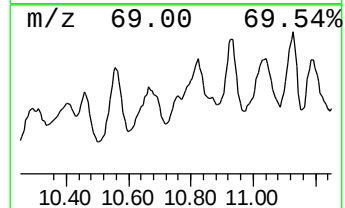
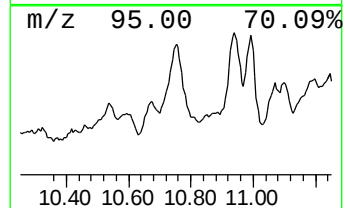
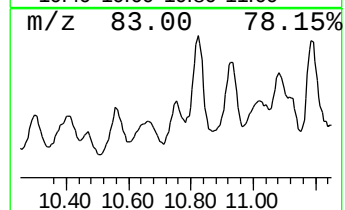
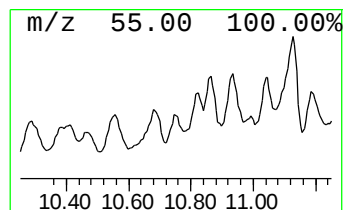
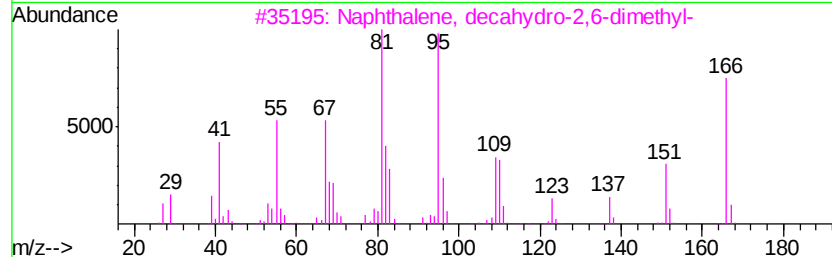
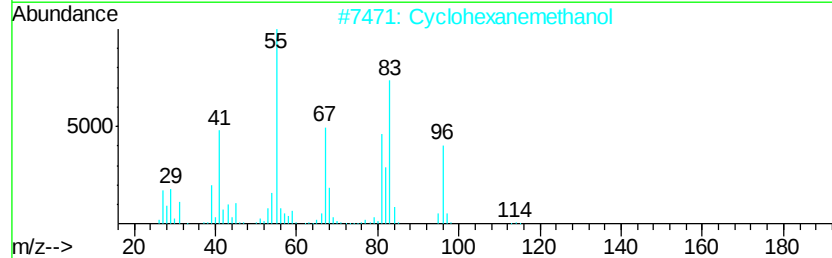
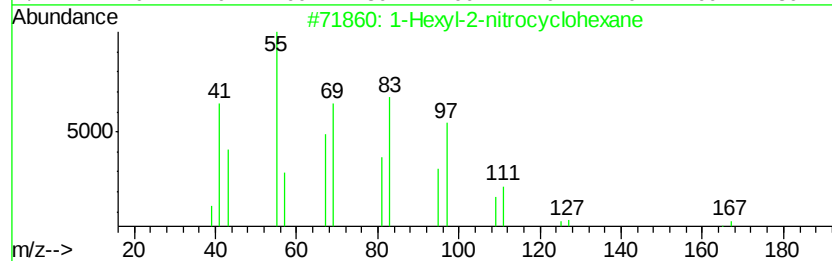
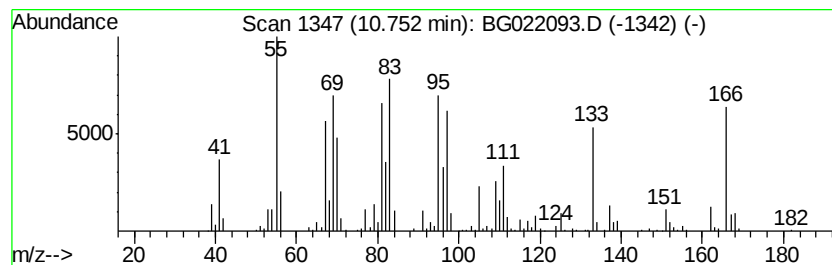
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 unknown-04 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	5.89 ng/ul	571789	Naphthalene-d8	10.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexyl-2-nitrocyclohexane	213 C12H23NO2	118252-04-3	46
2	Cyclohexanemethanol	114 C7H14O	000100-49-2	38
3	Naphthalene, decahydro-2,6-dimet...	166 C12H22	001618-22-0	30
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138 C10H18	006876-13-7	30
5	cis, cis-2-Ethylbicyclo[4.4.0]de...	166 C12H22	066660-40-0	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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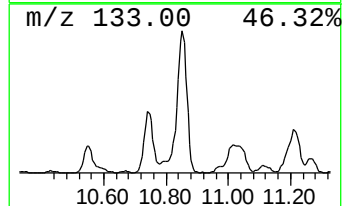
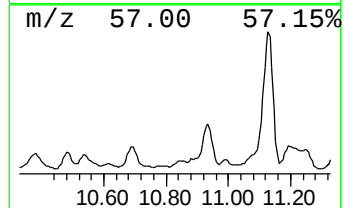
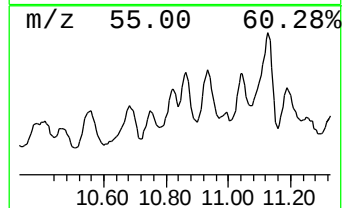
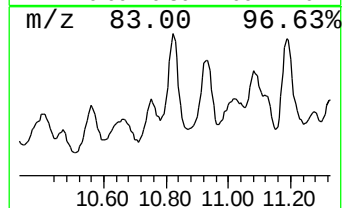
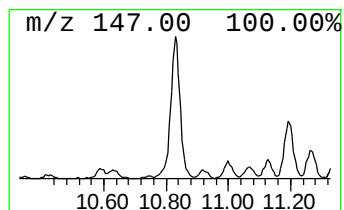
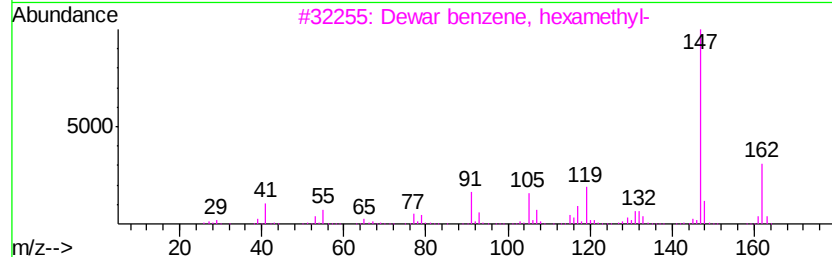
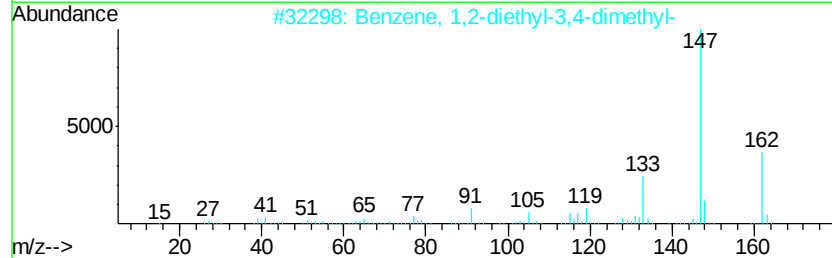
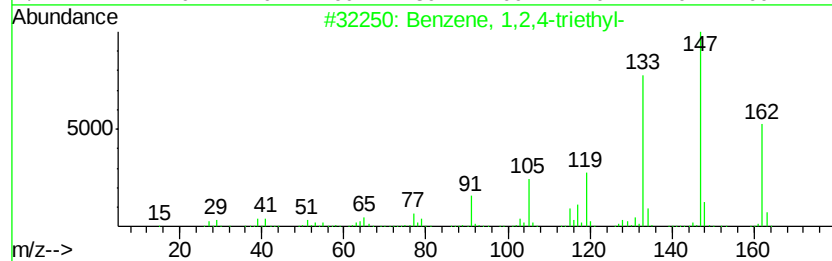
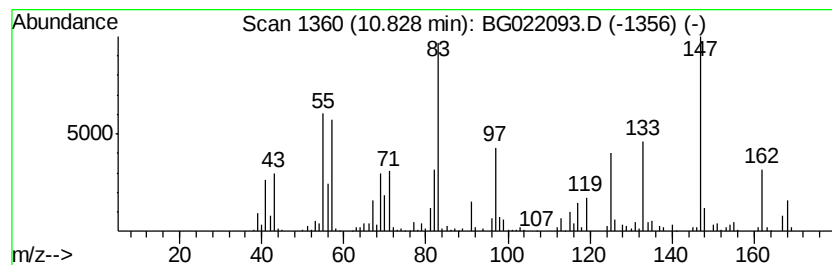
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 unknown-05 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	4.08 ng/ul	395905	Naphthalene-d8	10.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4-triethyl-	162	C12H18	000877-44-1	38
2			Benzene, 1,2-diethyl-3,4-dimethyl-	162	C12H18	054410-75-2	30
3			Dewar benzene, hexamethyl-	162	C12H18	007641-77-2	27
4			Benzene, 1,2,4-trimethyl-5-(1-me...	162	C12H18	010222-95-4	25
5			Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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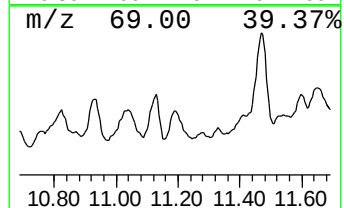
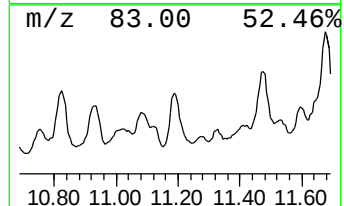
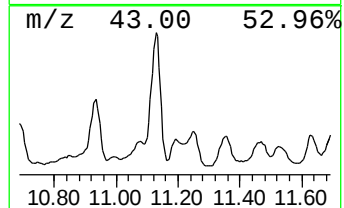
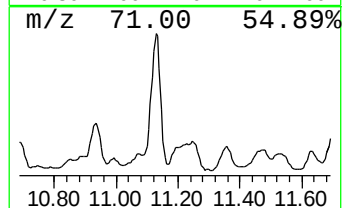
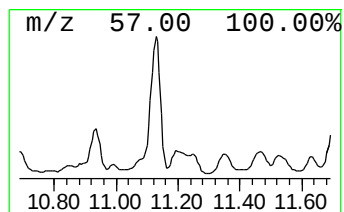
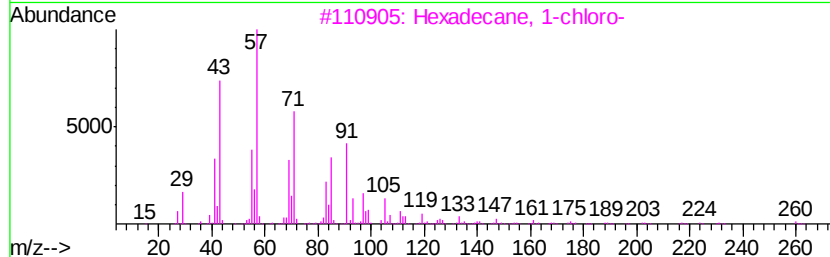
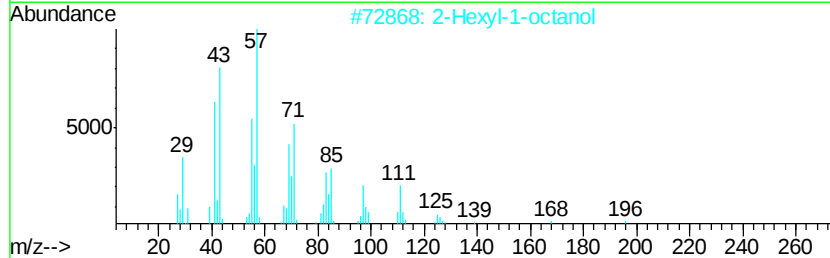
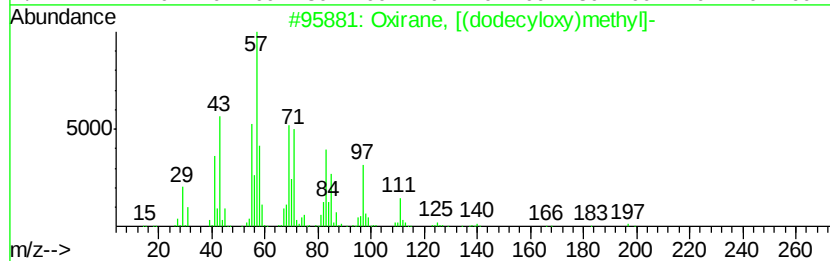
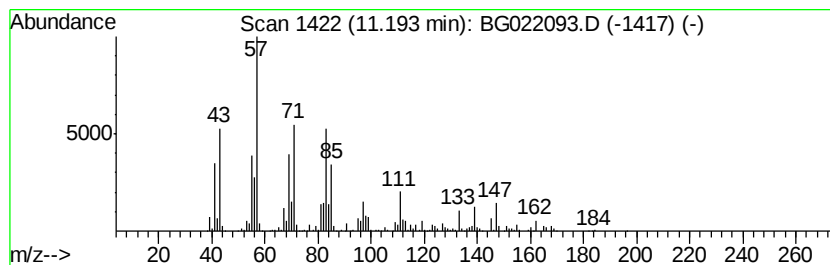
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	16.38 ng/ul	1591070	Naphthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	68
2		2-Hexyl-1-octanol	214	C14H30O	019780-79-1	53
3		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	50
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	49
5		Nonadecane	268	C19H40	000629-92-5	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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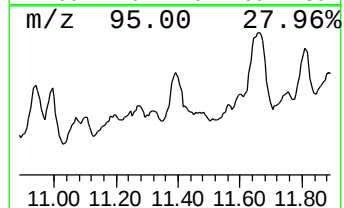
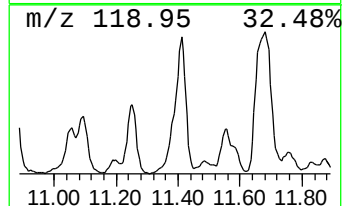
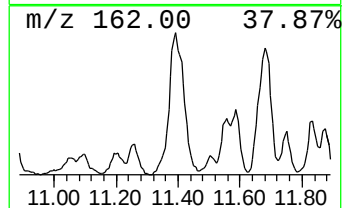
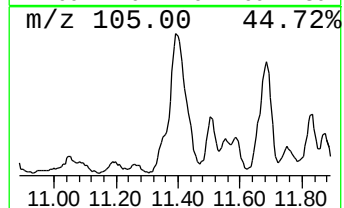
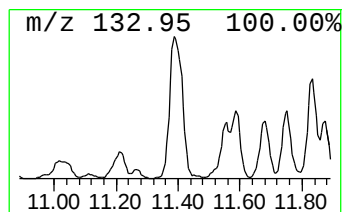
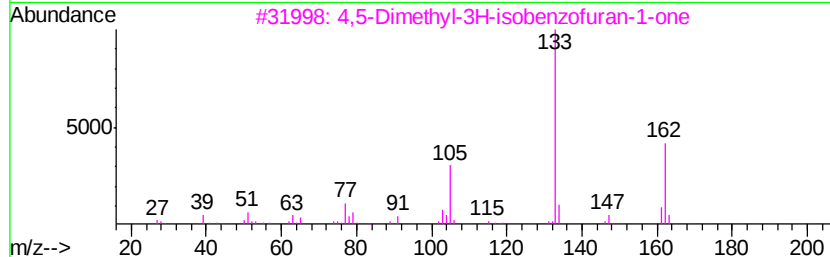
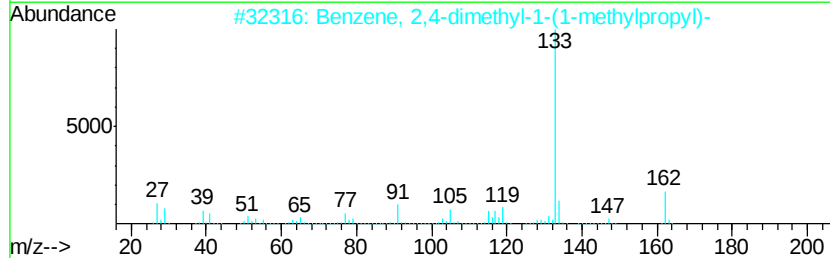
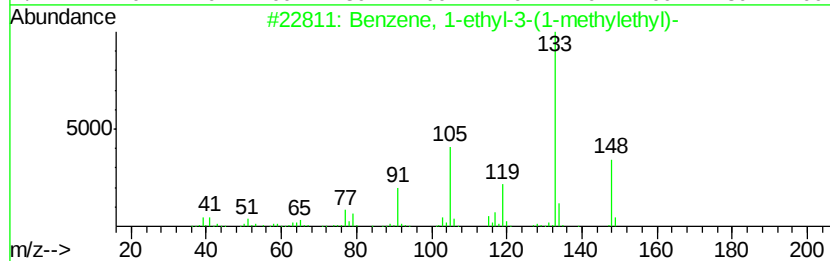
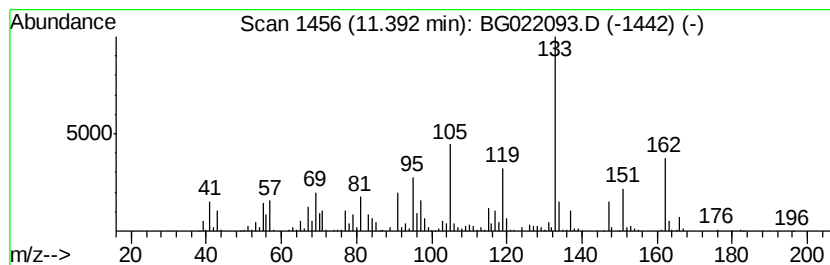
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	30.76 ng/ul	2987100	Naphthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	55
2		Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	49
3		4,5-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	1000188-08-0	43
4		Benzamide, N-[3,4-dihydro-1H-2-...	281	C18H19NO2	1000320-15-7	43
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
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Acq On : 26 May 2016 23:09
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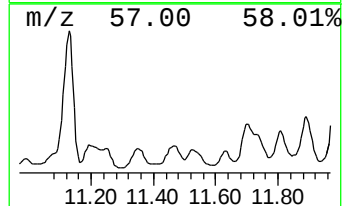
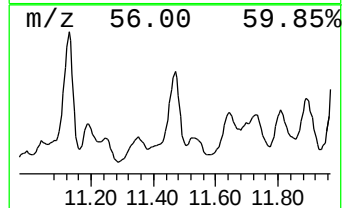
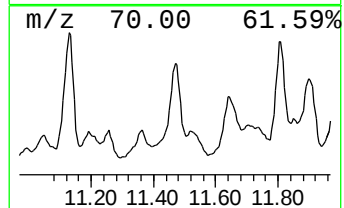
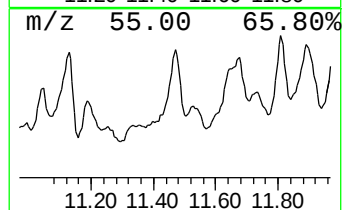
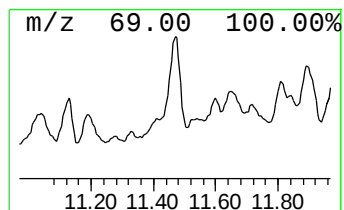
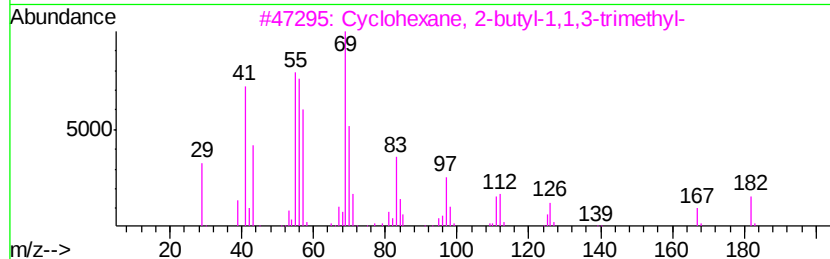
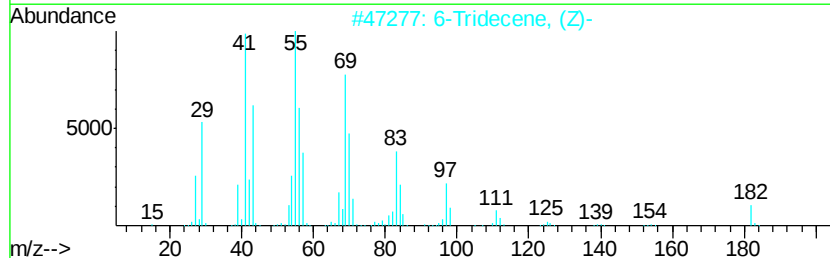
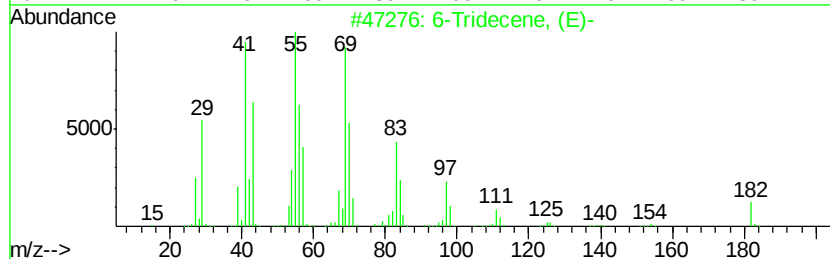
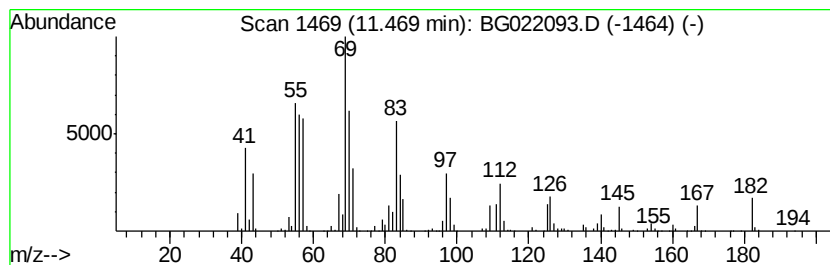
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Cyclic11.47 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	20.19 ng/ul	1960570	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Tridecene, (E)-	182	C13H26	006434-76-0	87
2		6-Tridecene, (Z)-	182	C13H26	006508-77-6	81
3		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	81
4		4-Nonene, 5-butyl-	182	C13H26	007367-38-6	81
5		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
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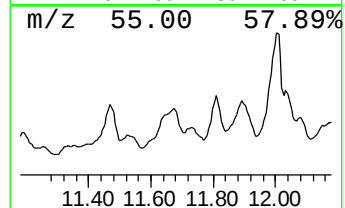
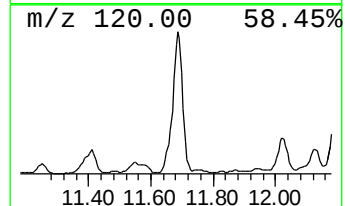
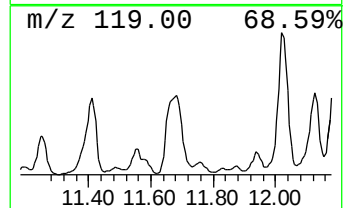
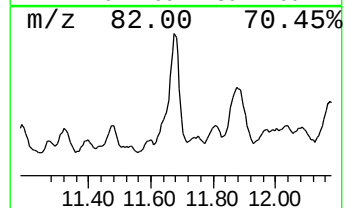
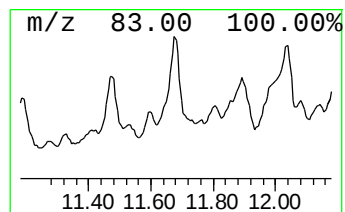
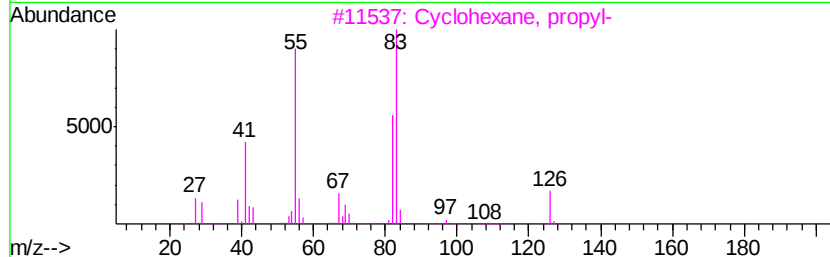
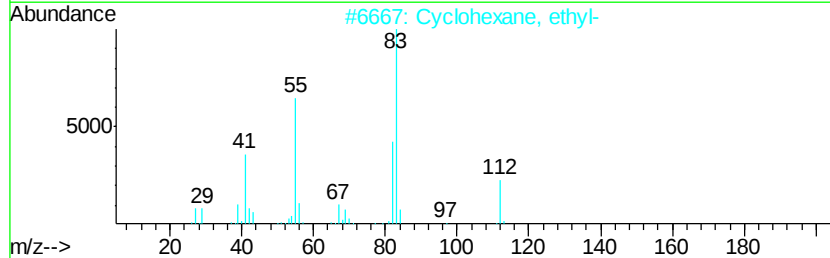
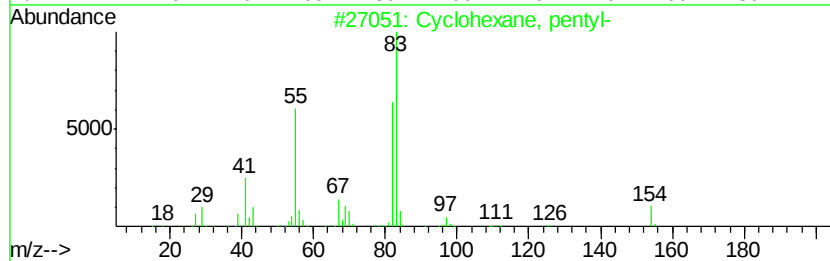
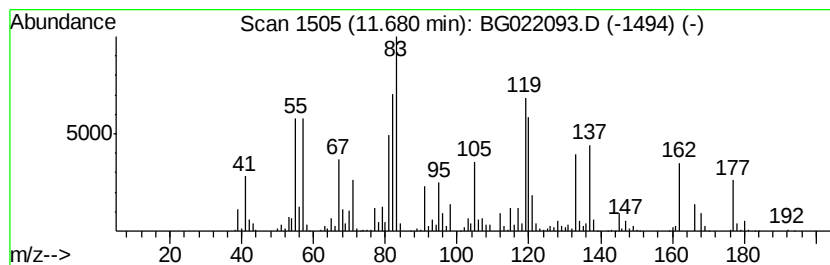
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Cyclic11.68 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	35.85 ng/ul	3481850	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	22
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	22
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	22
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	22
5		Acetamide, n-propyl-2-(4H-[1,2,4...	168	C7H12N4O	1000302-15-8	14



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0

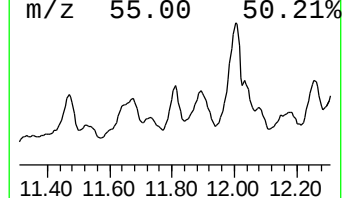
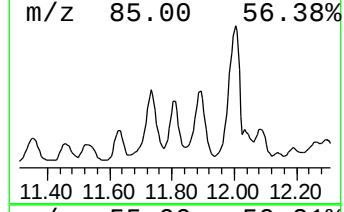
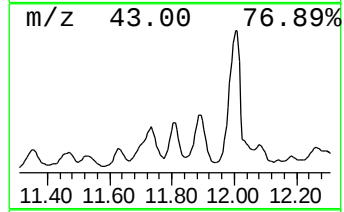
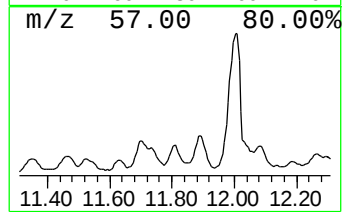
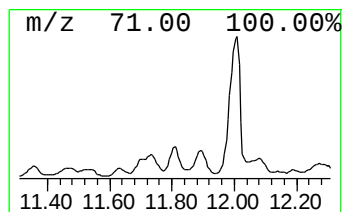
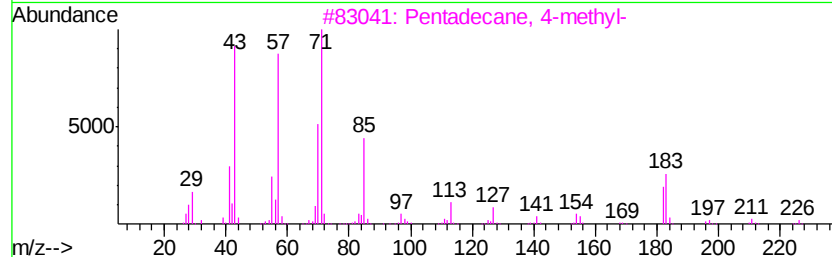
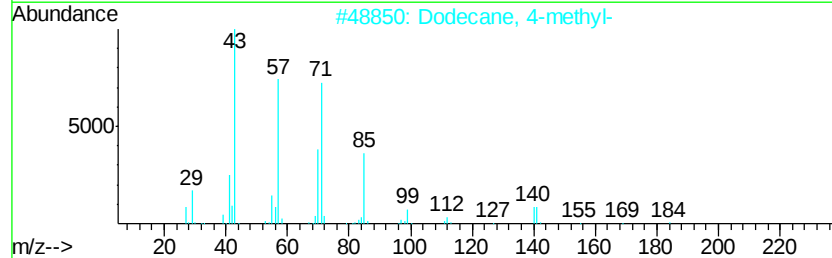
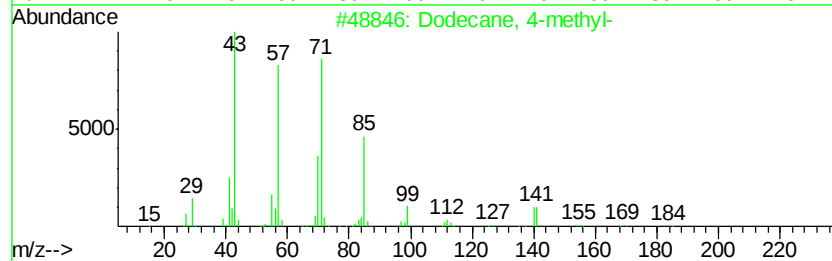
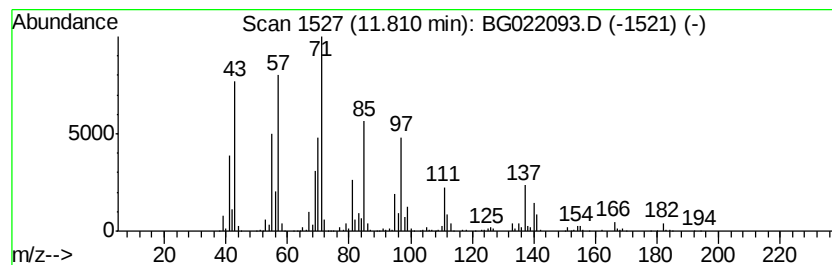
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	29.70 ng/ul	2884840	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	78
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	60
3		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	43
4		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	38
5		Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

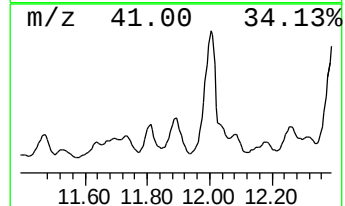
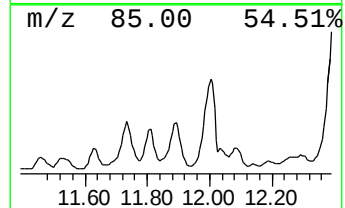
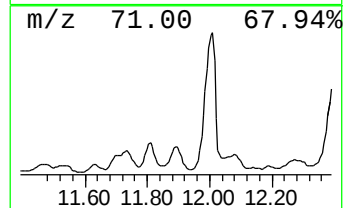
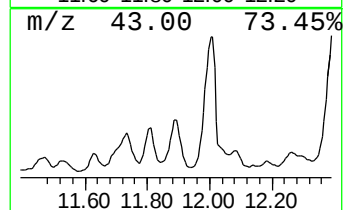
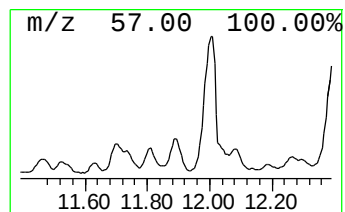
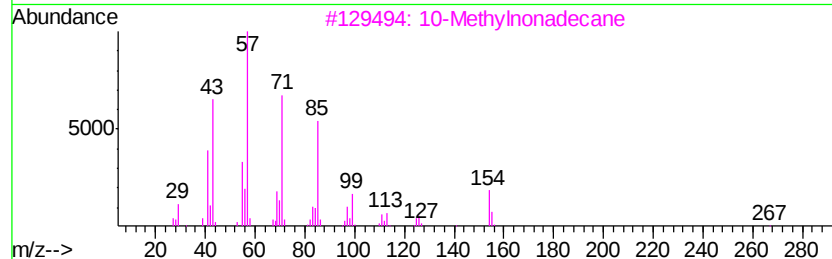
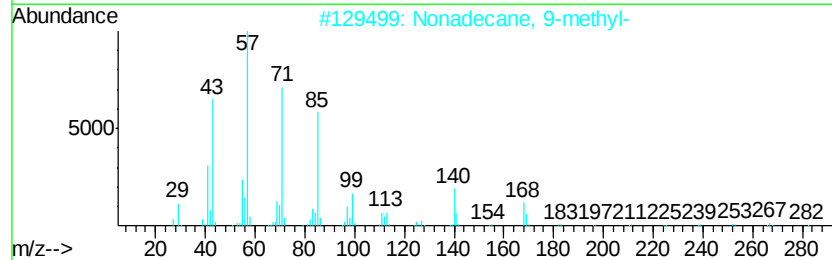
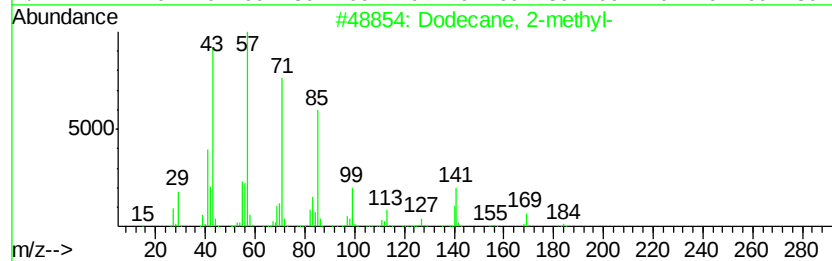
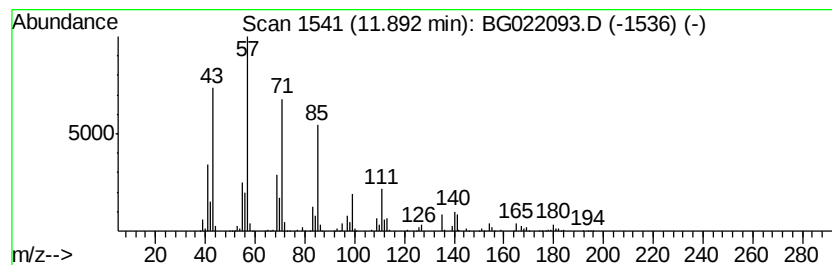
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.89	32.73 ng/ul	3178460	Napthalene-d8	10.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-		184	C13H28	001560-97-0	74
2	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	64
3	10-Methylnonadecane		282	C20H42	056862-62-5	64
4	Dodecane, 4-methyl-		184	C13H28	006117-97-1	62
5	9-methylheptadecane		254	C18H38	026741-18-4	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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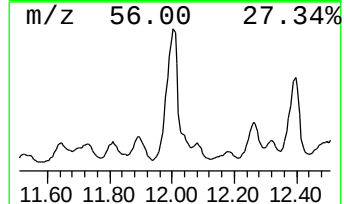
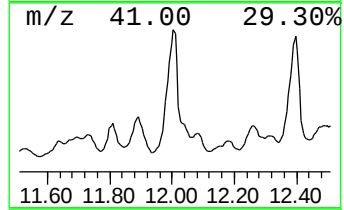
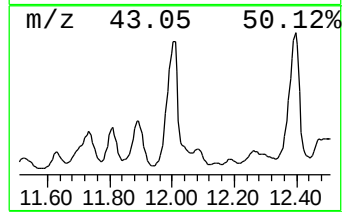
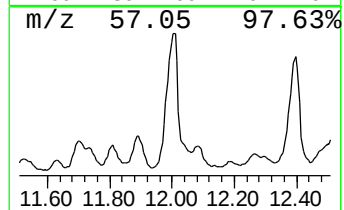
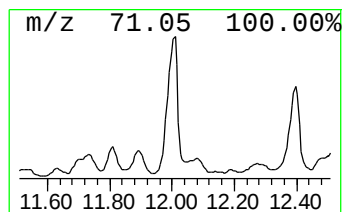
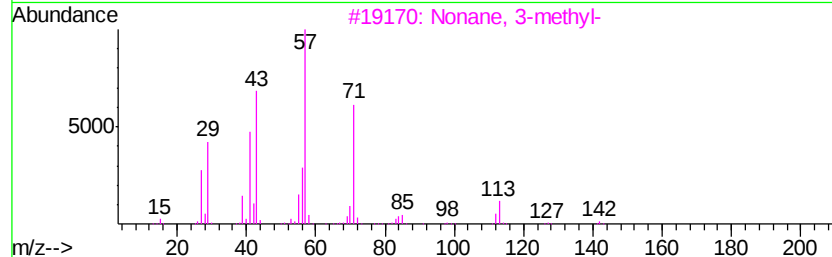
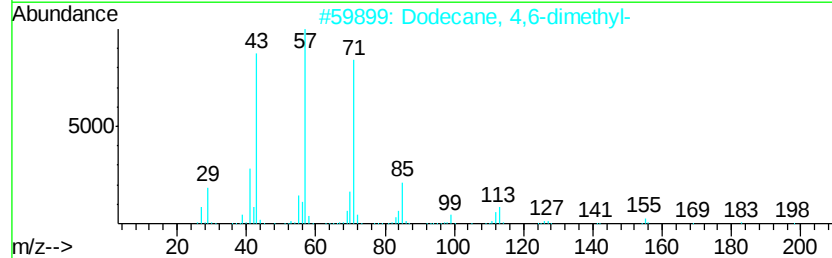
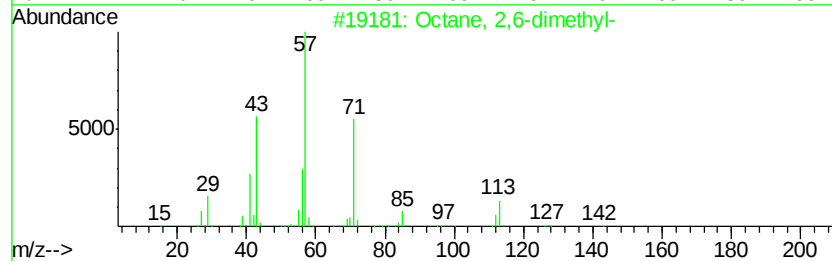
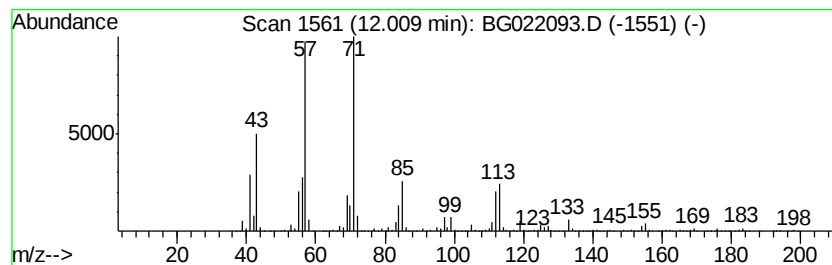
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	144.09 ng/ul	13994300	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	62
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	59
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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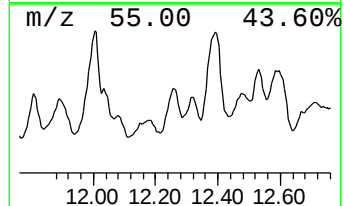
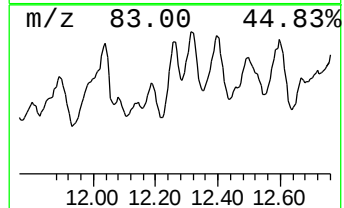
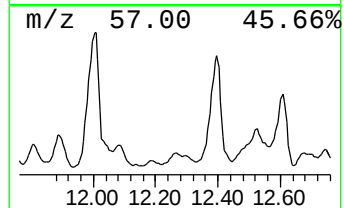
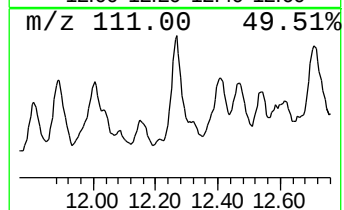
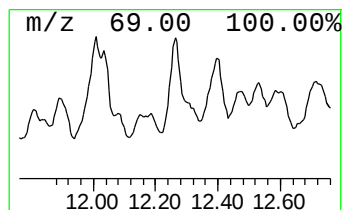
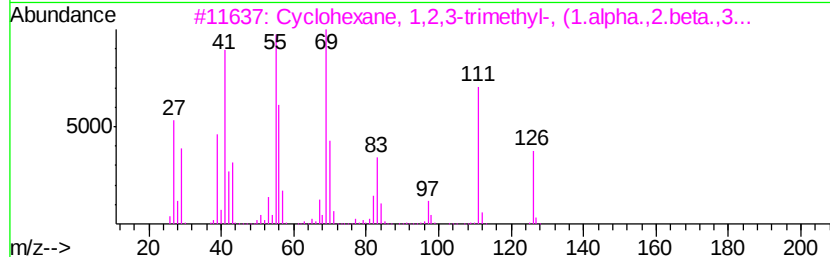
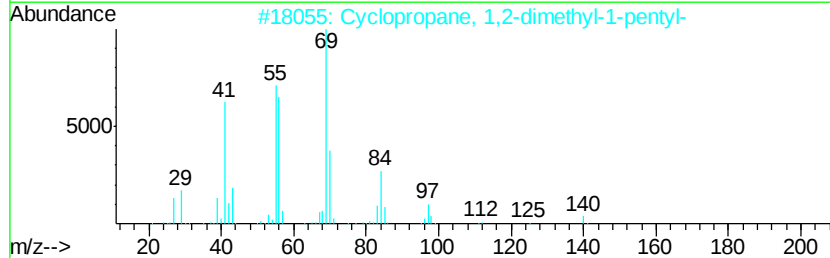
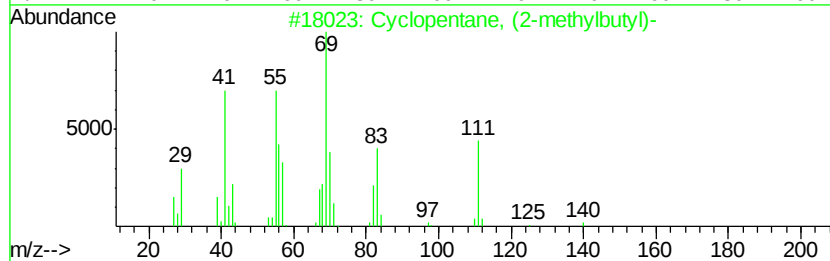
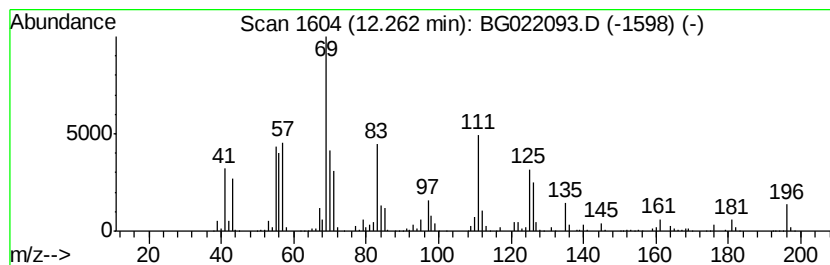
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Cyclic12.26 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	26.93 ng/ul	2615950	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	64
2		Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	49
3		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	46
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	46
5		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0

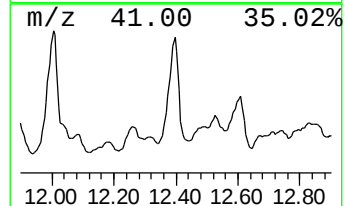
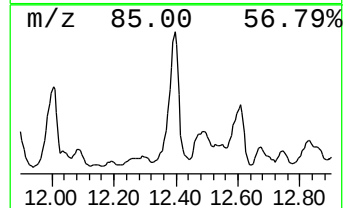
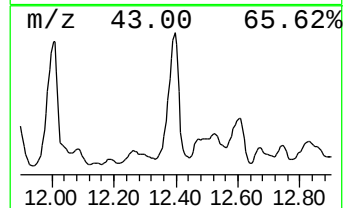
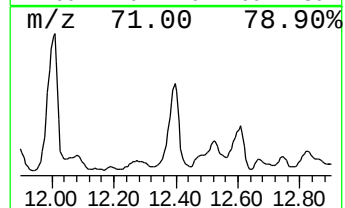
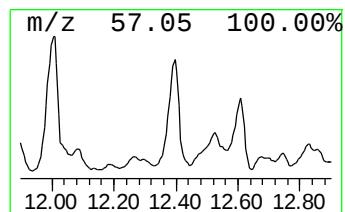
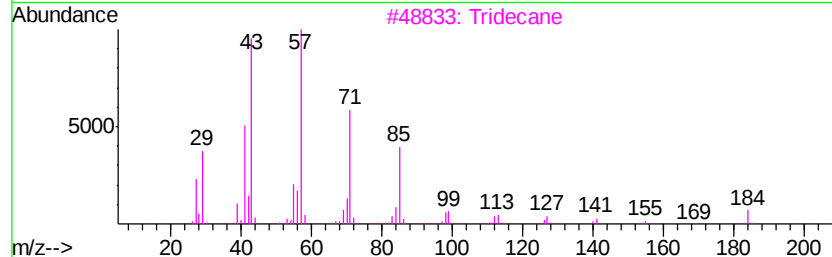
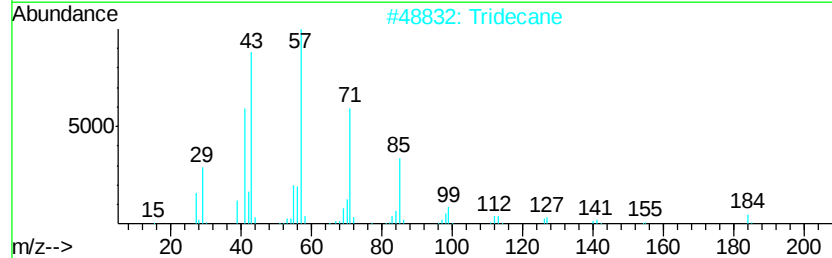
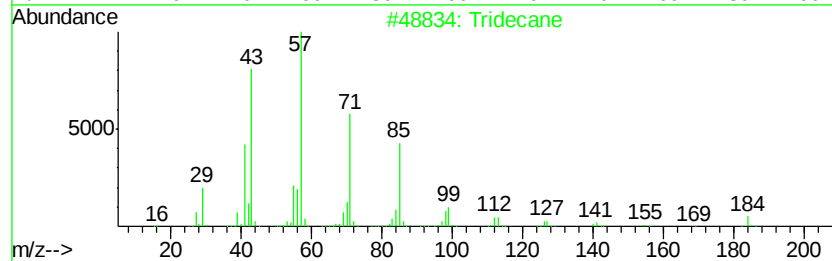
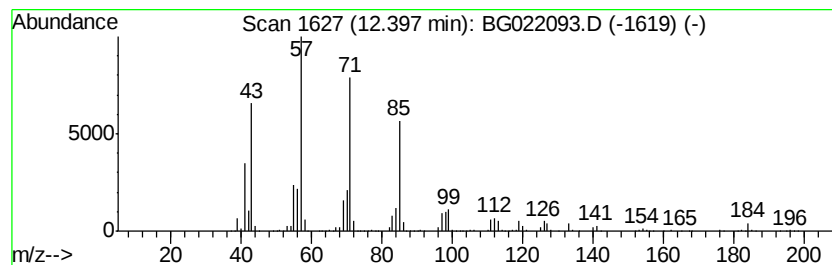
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	91.03 ng/ul	8841510	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	95
2		Tridecane	184	C13H28	000629-50-5	94
3		Tridecane	184	C13H28	000629-50-5	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0

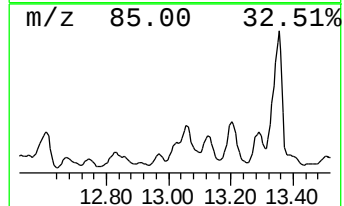
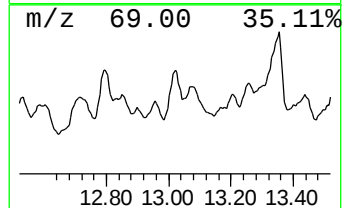
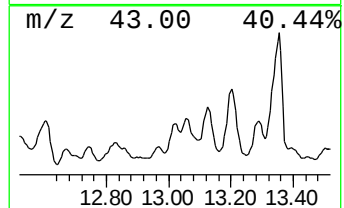
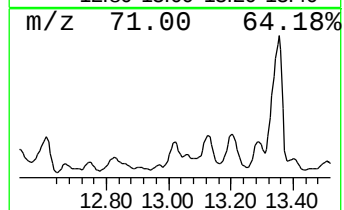
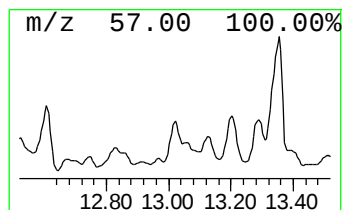
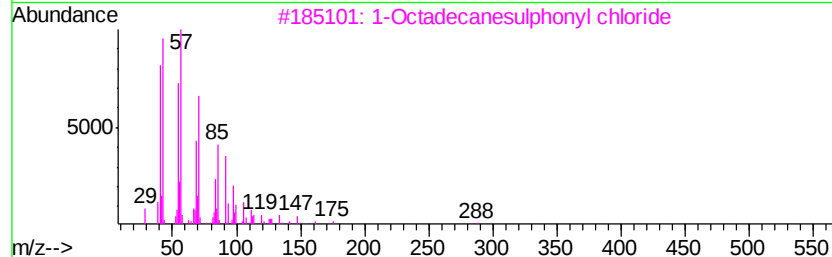
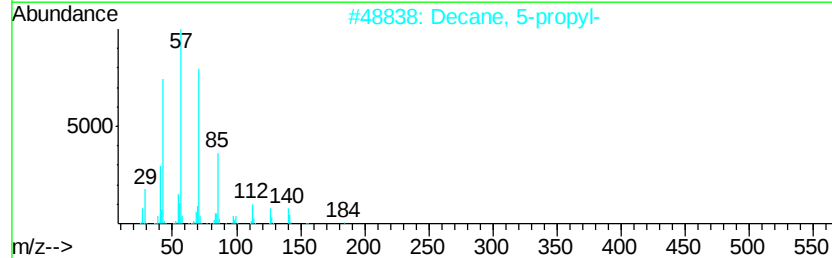
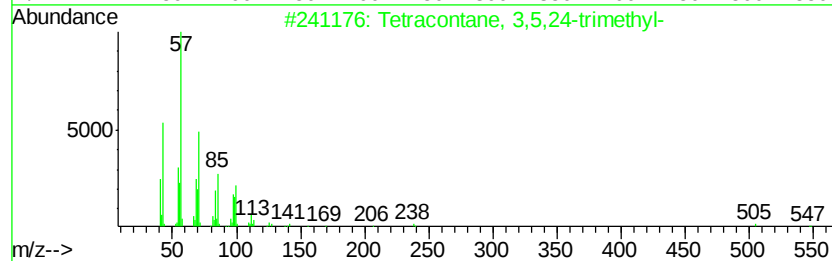
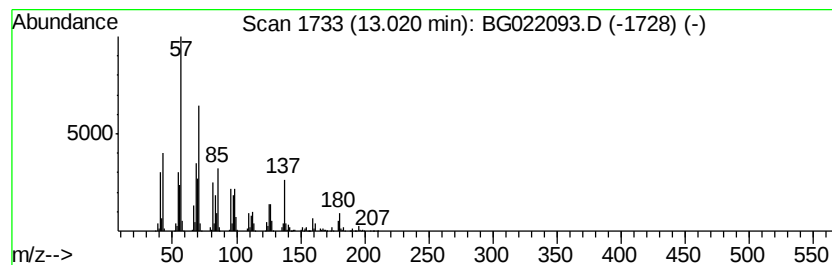
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	21.12 ng/ul	2986990	Acenaphthene-d10	14.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	46
2		Decane, 5-propyl-	184	C13H28	017312-62-8	35
3		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	30
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	30
5		Tetradecane	198	C14H30	000629-59-4	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0

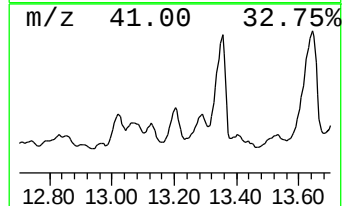
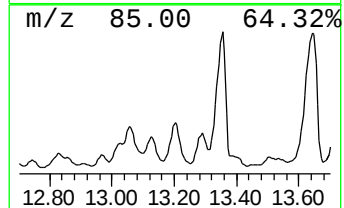
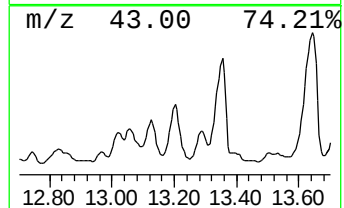
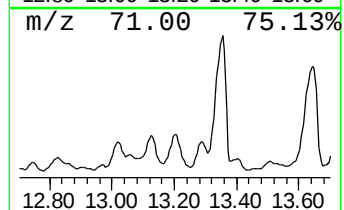
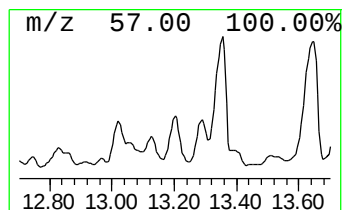
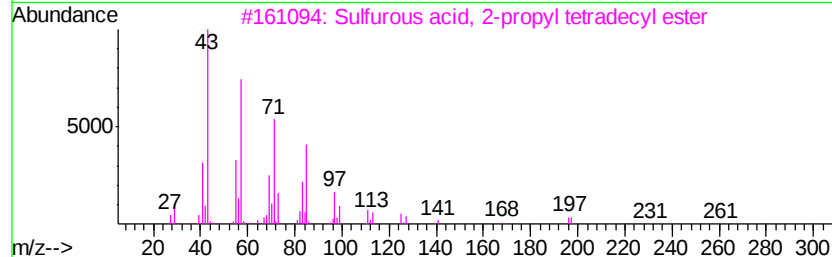
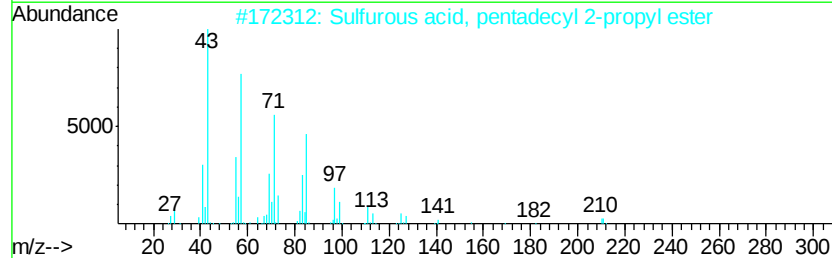
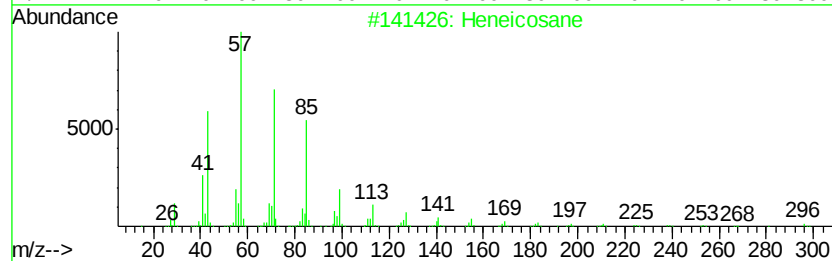
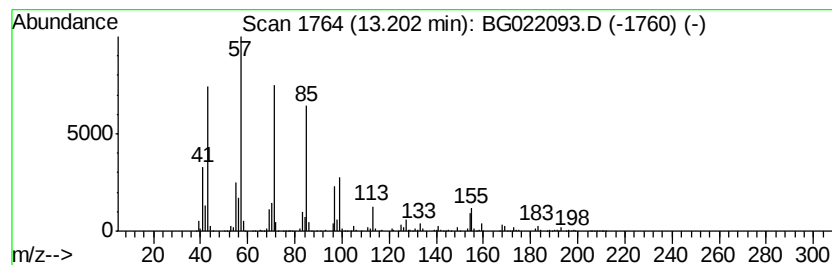
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	17.49 ng/ul	2474330	Acenaphthene-d10	14.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	72
2		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	72
3		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	72
4		Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	72
5		Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0

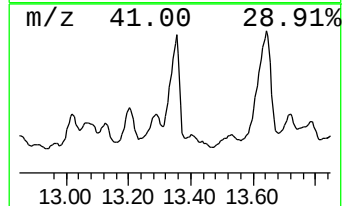
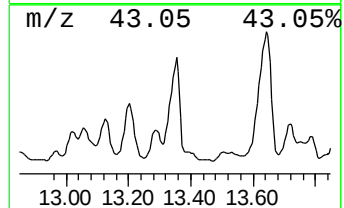
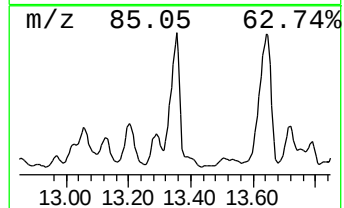
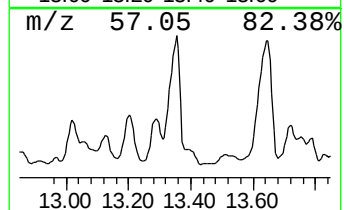
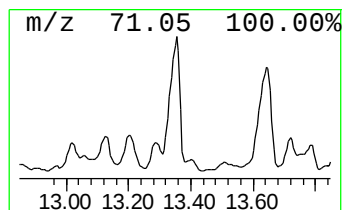
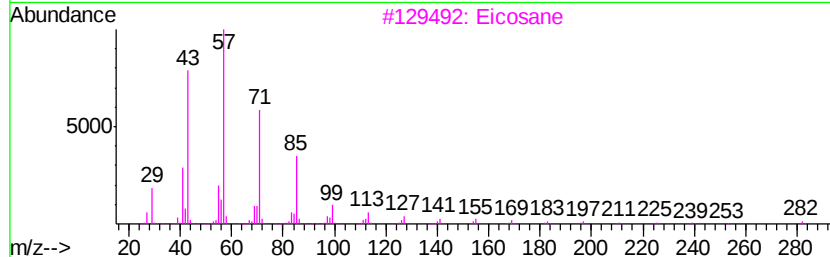
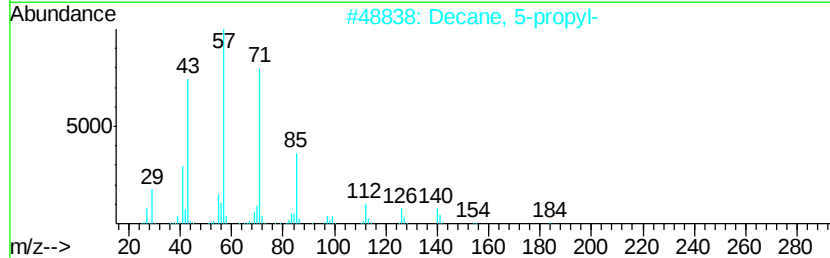
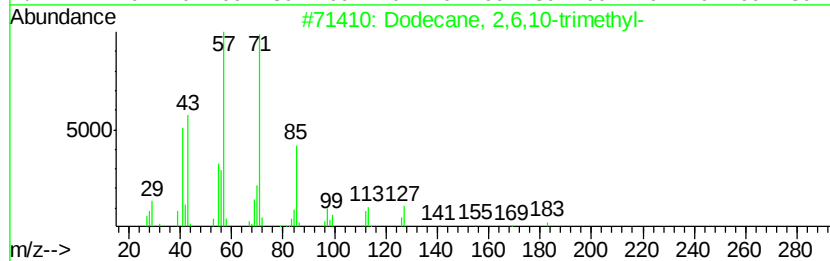
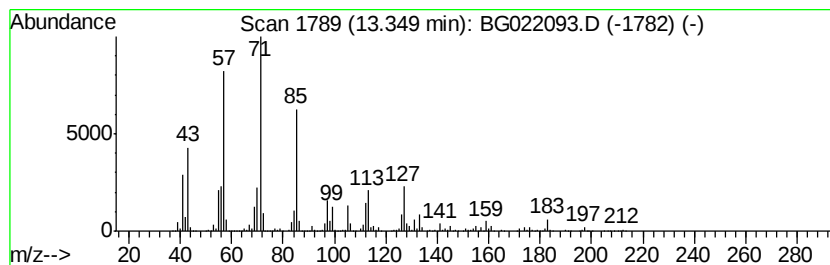
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	99.77 ng/ul	14113100	Acenaphthene-d10	14.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
2		Decane, 5-propyl-	184	C13H28	017312-62-8	64
3		Eicosane	282	C20H42	000112-95-8	53
4		Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	47
5		Oxalic acid, neopentyl nonyl ester	286	C16H30O4	1000309-73-3	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0

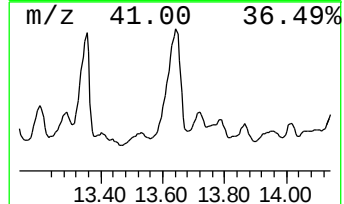
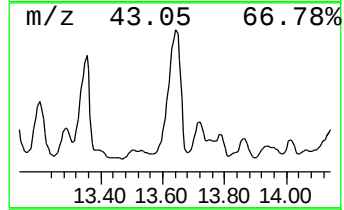
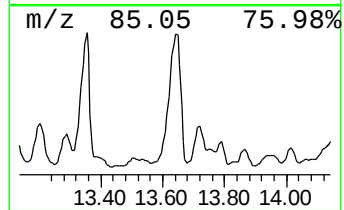
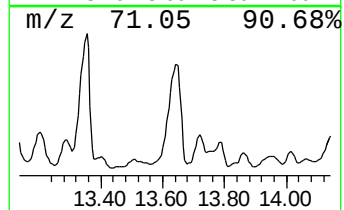
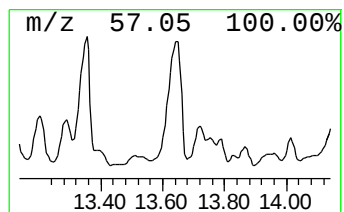
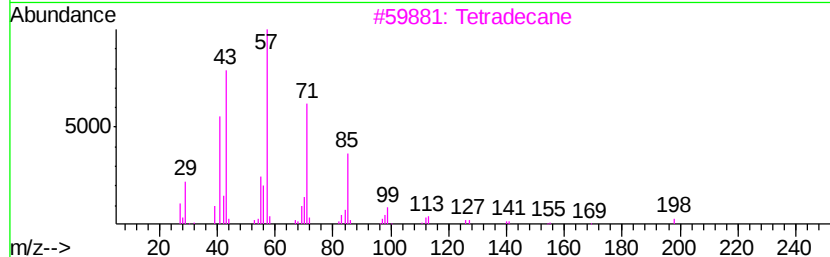
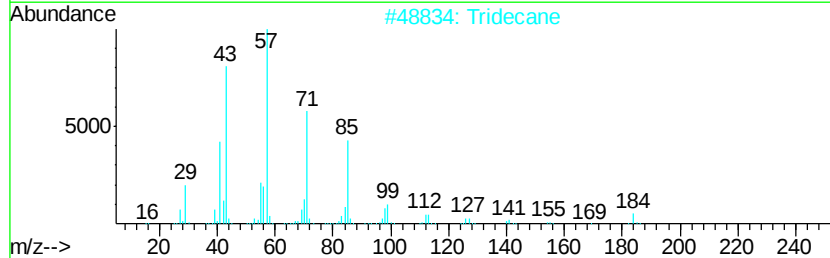
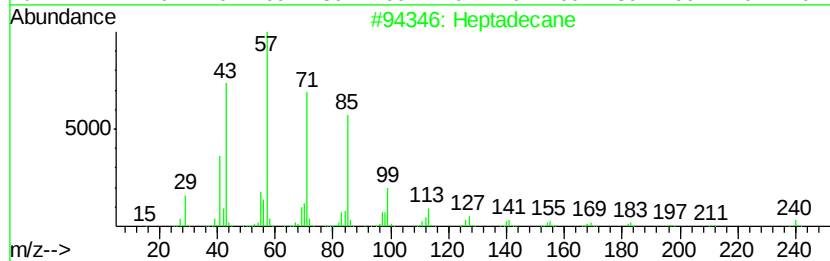
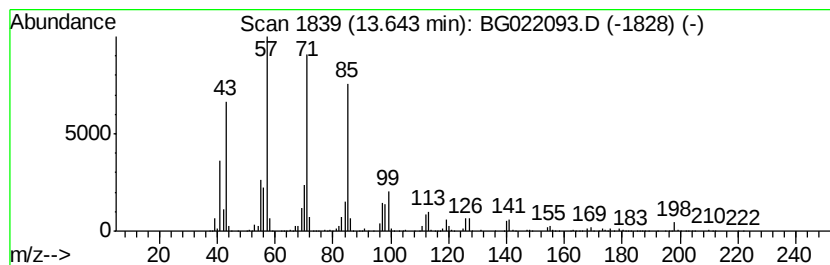
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	129.55 ng/ul	18324800	Acenaphthene-d10	14.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	87
4		10-Methylnonadecane	282	C20H42	056862-62-5	86
5		Tetradecane	198	C14H30	000629-59-4	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

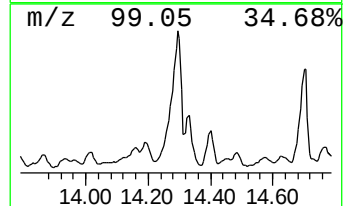
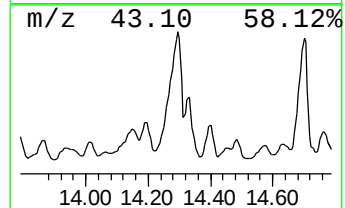
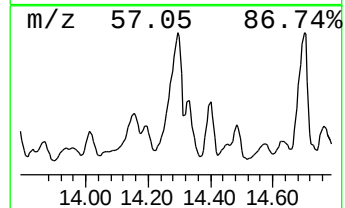
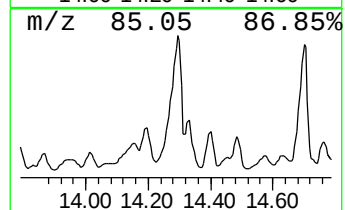
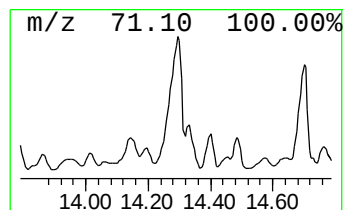
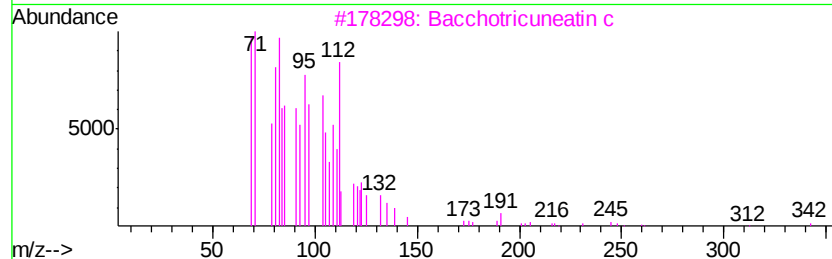
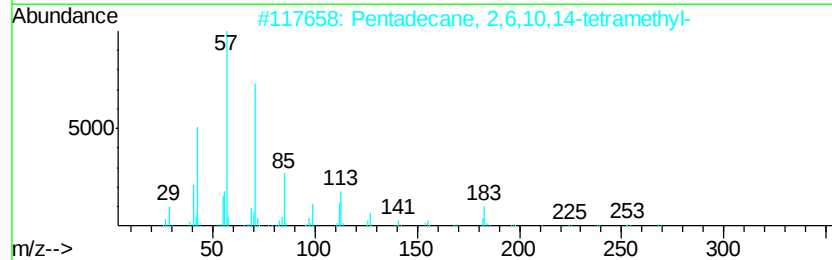
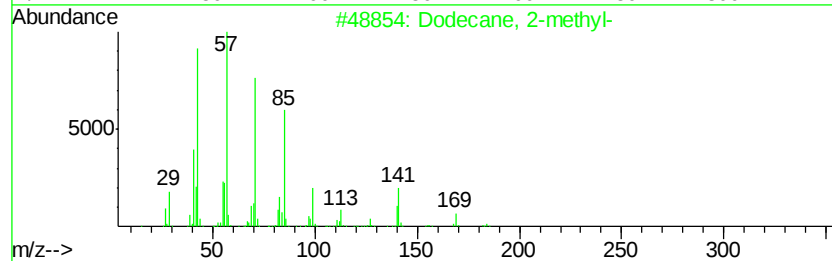
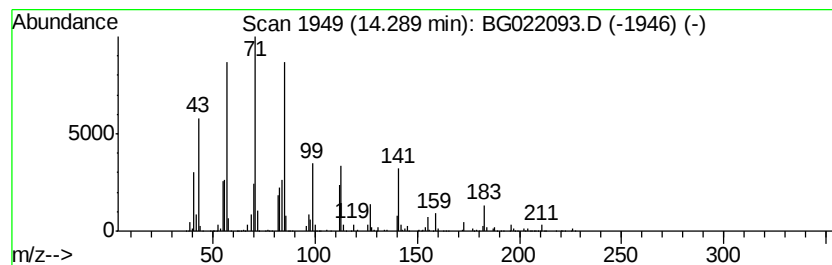
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.29	94.50 ng/ul	13367700	Acenaphthene-d10	14.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	68
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	49
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	49
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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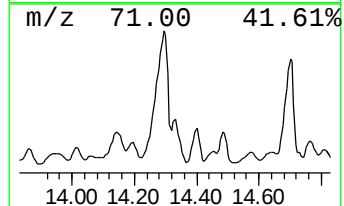
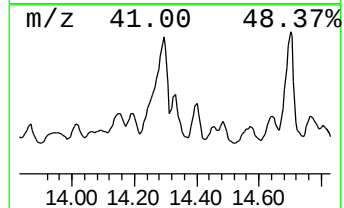
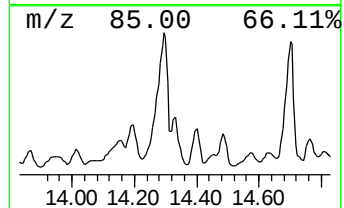
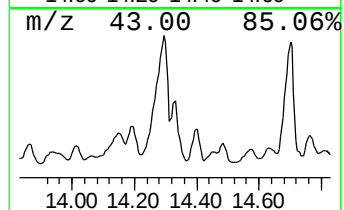
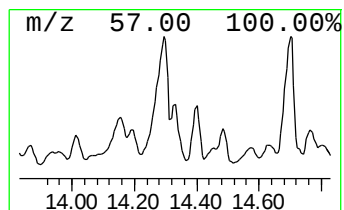
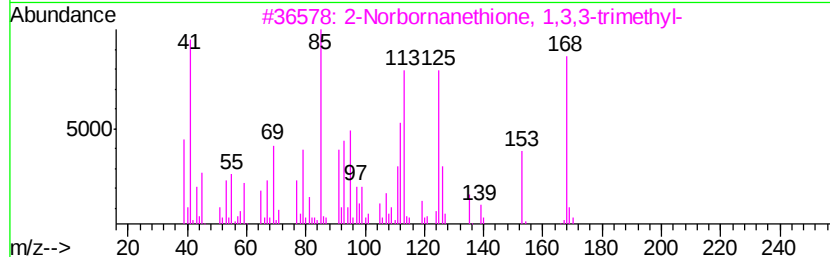
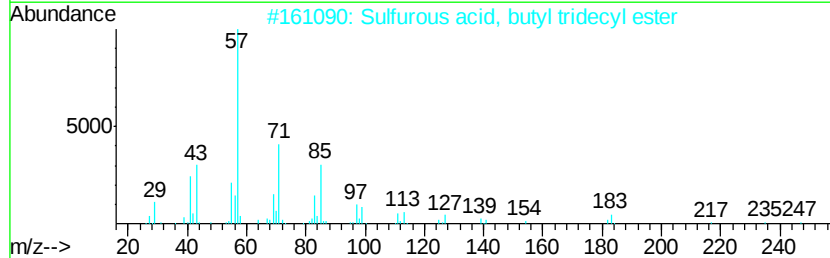
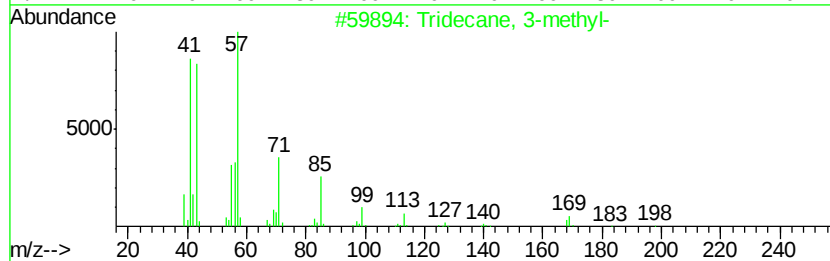
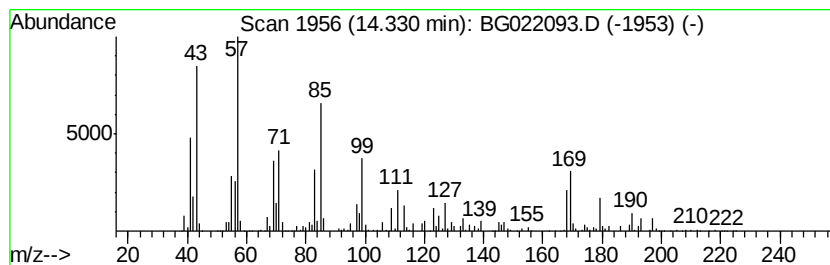
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	32.29 ng/ul	4567700	Acenaphthene-d10	14.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	43
2		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	38
3		2-Norbornanethione, 1,3,3-trimet...	168	C10H16S	000875-06-9	38
4		Tetradecane, 5-methyl-	212	C15H32	025117-32-2	35
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

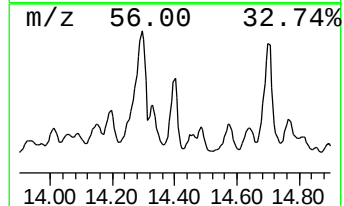
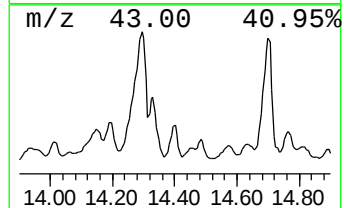
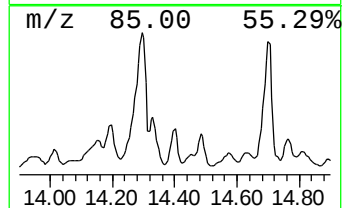
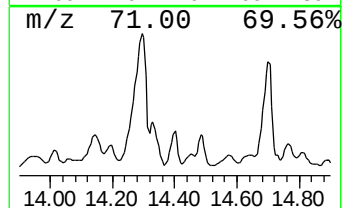
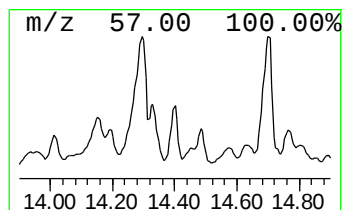
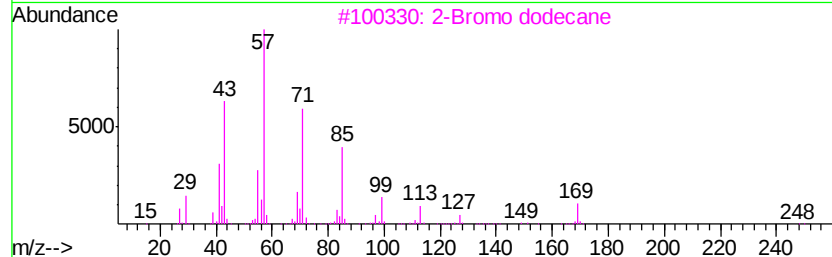
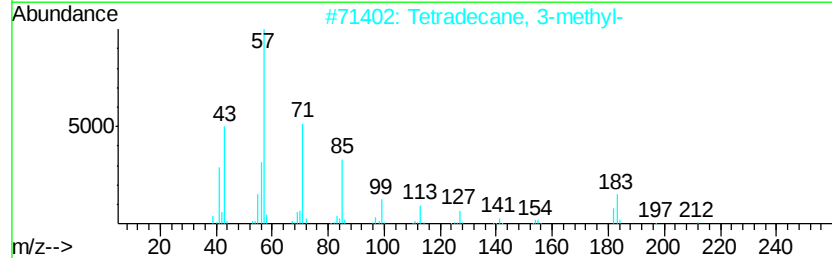
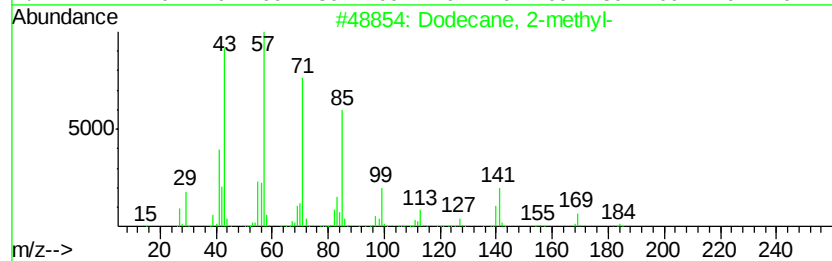
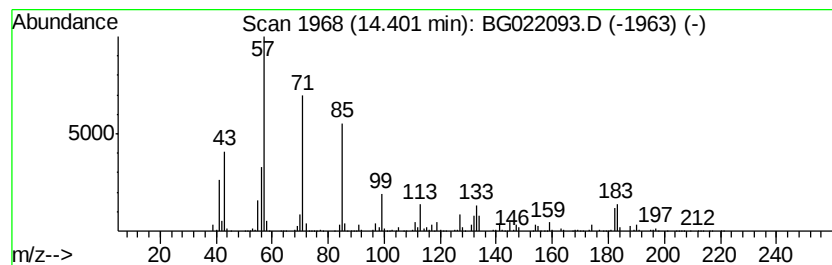
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	22.44 ng/ul	3174810	Acenaphthene-d10	14.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dodecane, 2-methyl-	184 C13H28	001560-97-0 68
2		Tetradecane, 3-methyl-	212 C15H32	018435-22-8 64
3		2-Bromo dodecane	248 C12H25Br	013187-99-0 59
4		Tetradecane, 3-methyl-	212 C15H32	018435-22-8 59
5		2-Bromotetradecane	276 C14H29Br	074036-95-6 58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

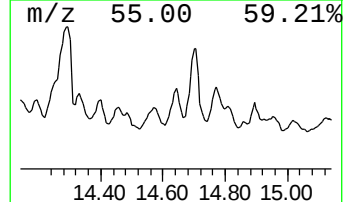
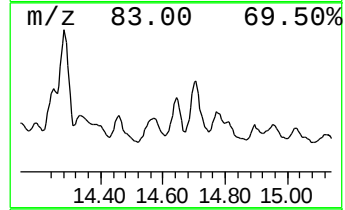
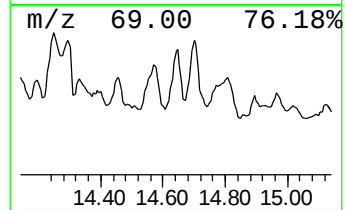
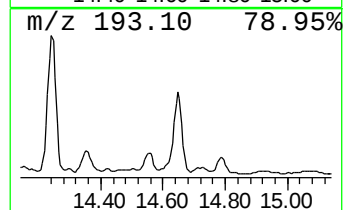
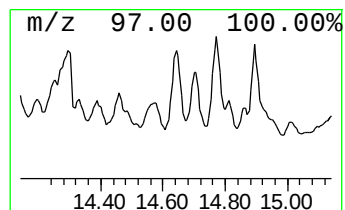
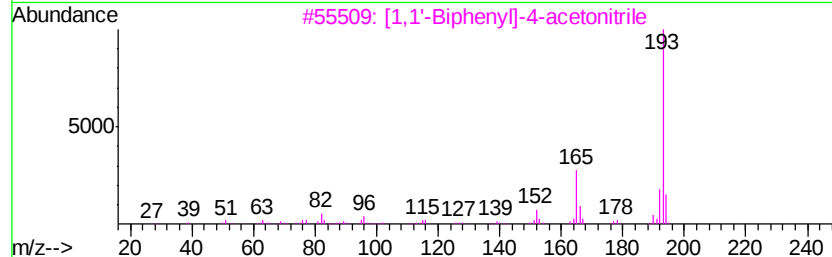
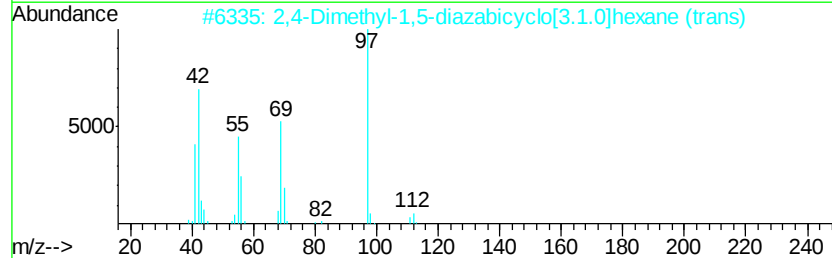
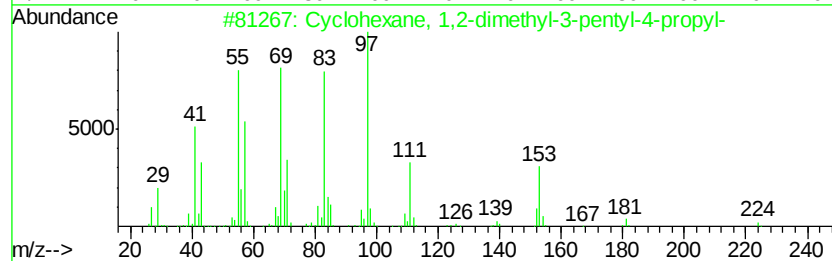
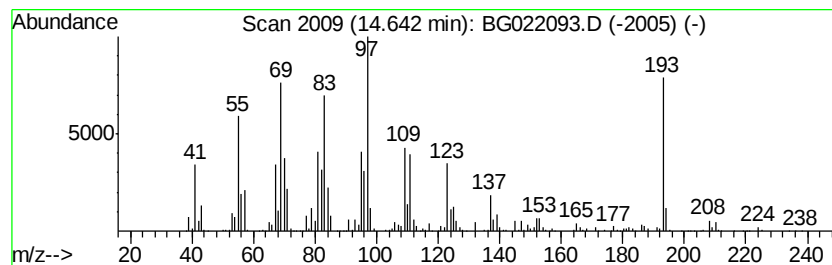
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Cyclic14.64 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	20.31 ng/ul	2872190	Acenaphthene-d10	14.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,2-dimethyl-3-pent...	224 C16H32	062376-17-4 46
2		2,4-Dimethyl-1,5-diazabicyclo[3....	112 C6H12N2	1000283-20-9 25
3		[1,1'-Biphenyl]-4-acetonitrile	193 C14H11N	031603-77-7 25
4		Cyclopentane, 1-pentyl-2-propyl-	182 C13H26	062199-51-3 22
5		2-Butenamide, 2,3-dimethyl-N-phe...	189 C12H15NO	024735-54-4 22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0

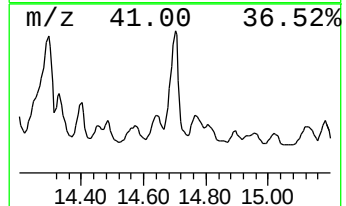
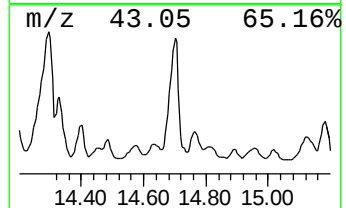
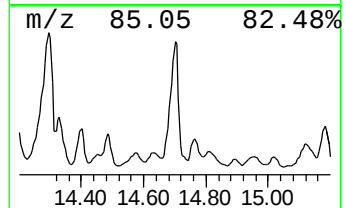
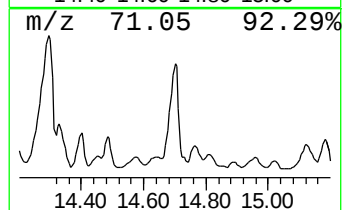
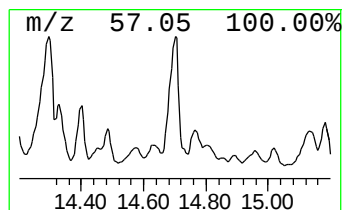
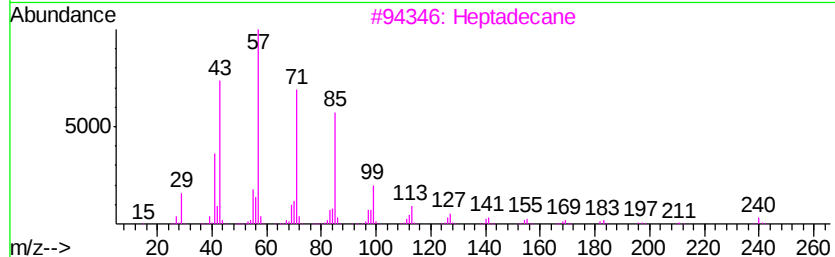
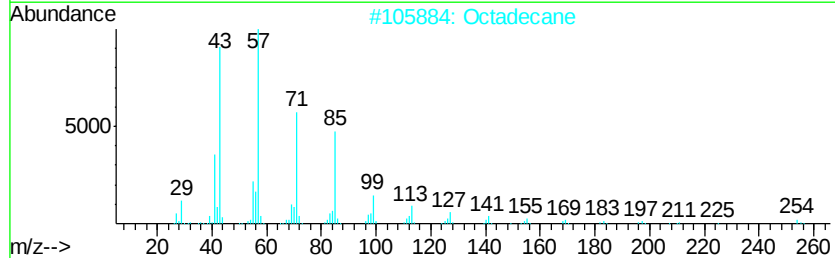
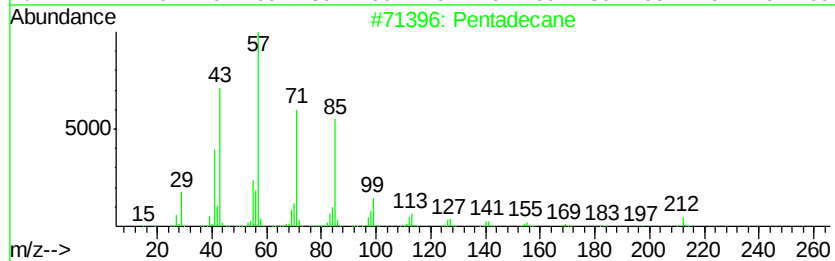
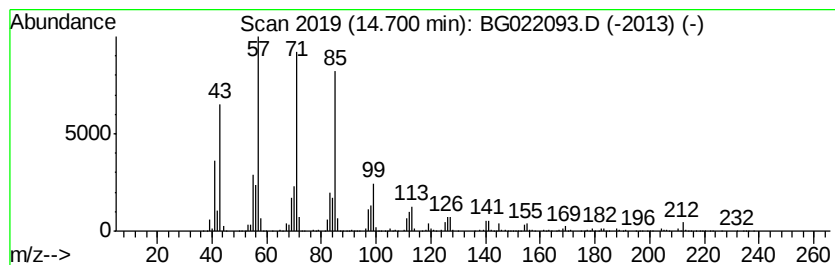
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	74.07 ng/ul	10476800	Acenaphthene-d10	14.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	95
2		Octadecane	254	C18H38	000593-45-3	87
3		Heptadecane	240	C17H36	000629-78-7	87
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
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ClientSampleId :
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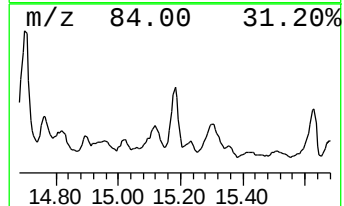
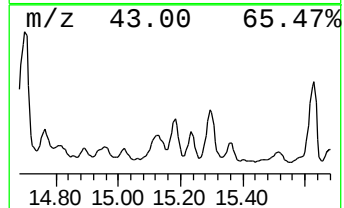
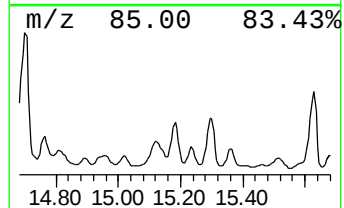
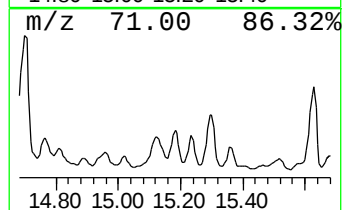
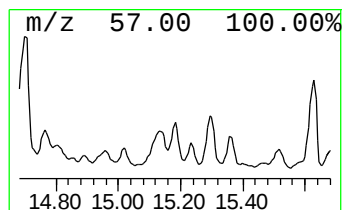
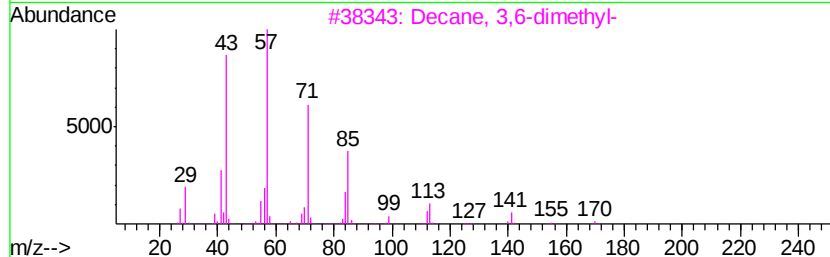
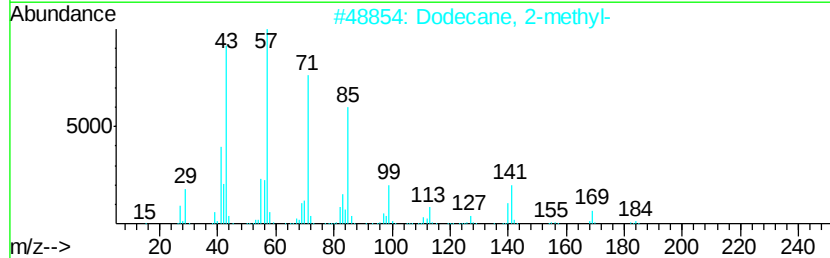
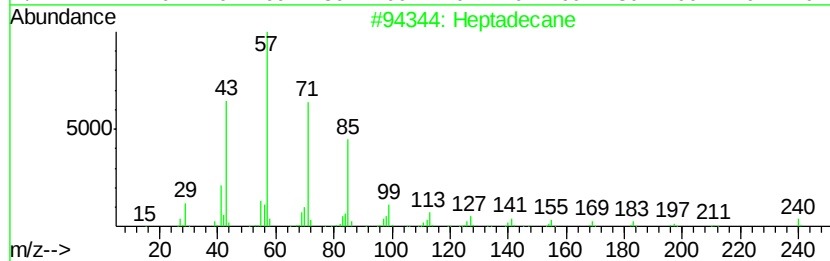
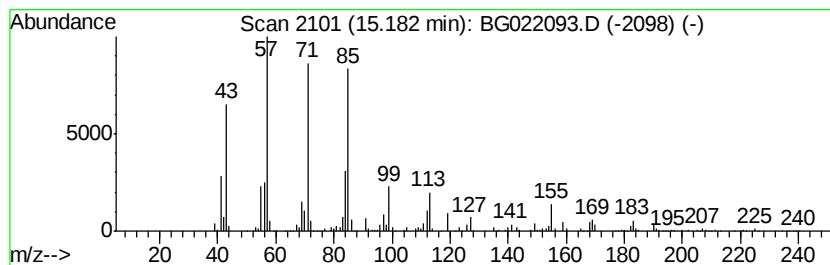
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	17.85 ng/ul	2524460	Acenaphthene-d10	14.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	87
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	74
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	74
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	68
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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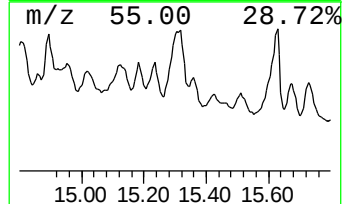
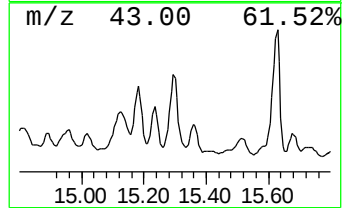
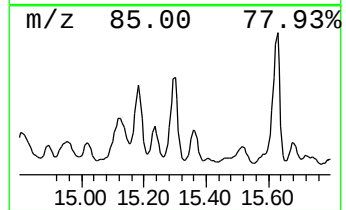
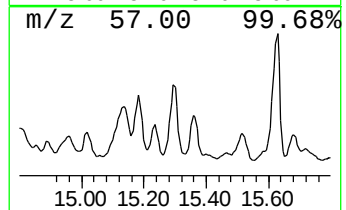
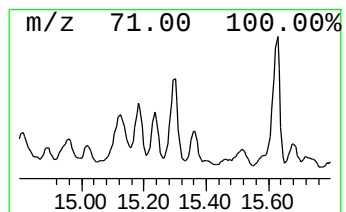
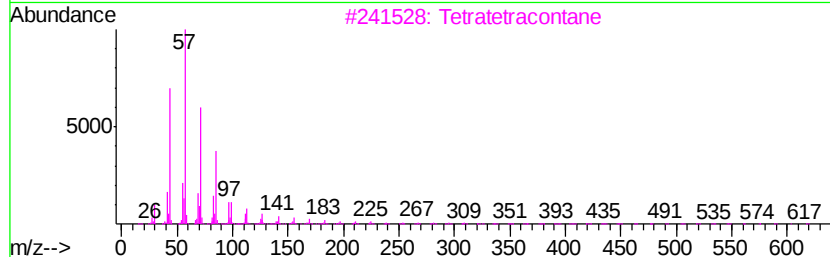
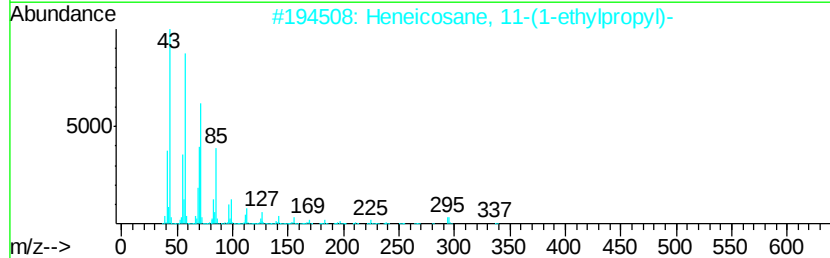
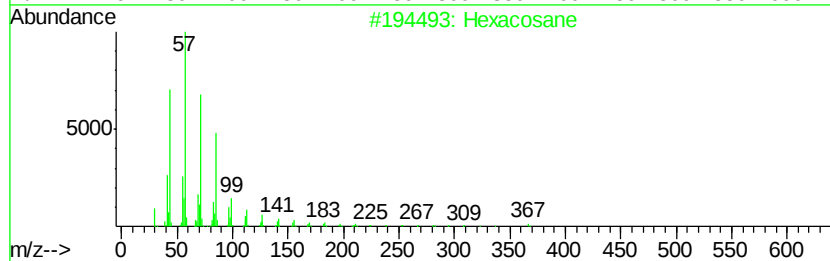
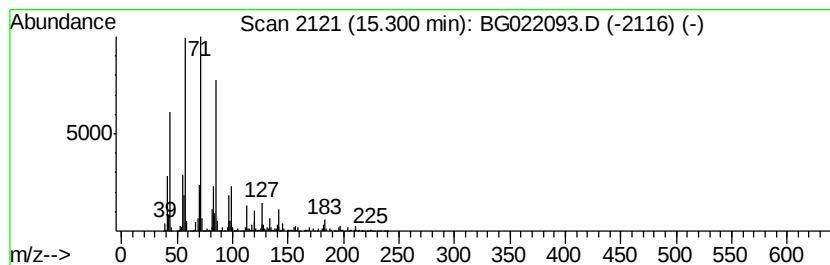
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	32.28 ng/ul	4565990	Acenaphthene-d10	14.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Hentriacontane	437	C31H64	000630-04-6	86
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

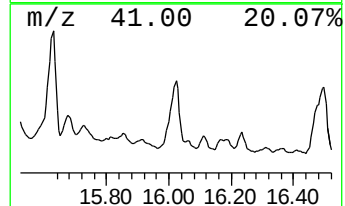
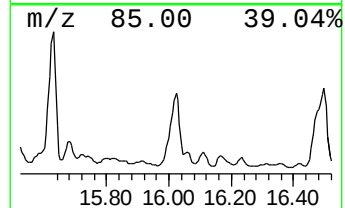
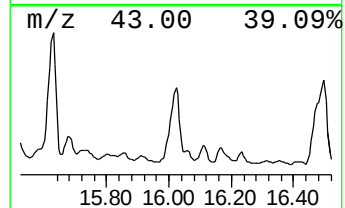
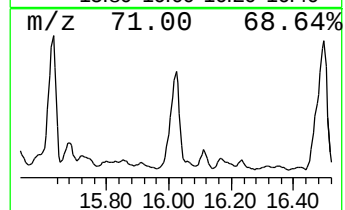
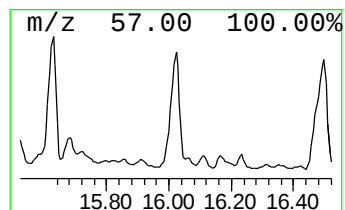
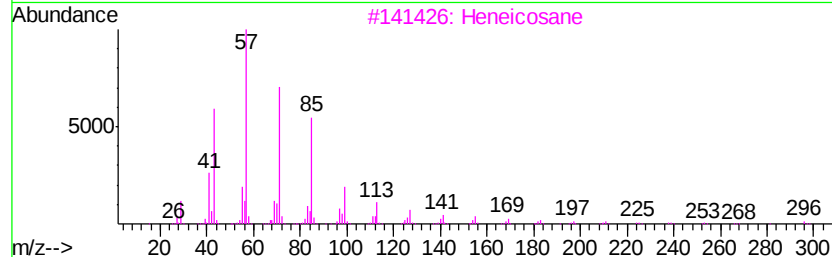
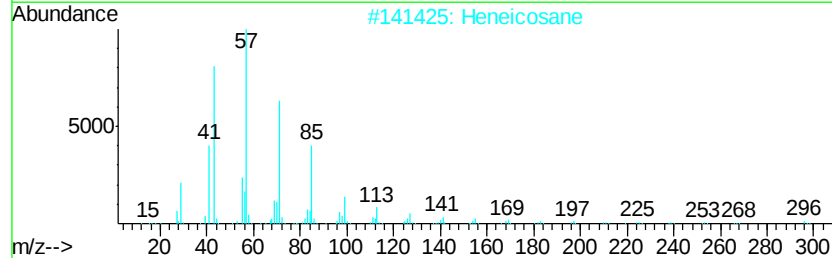
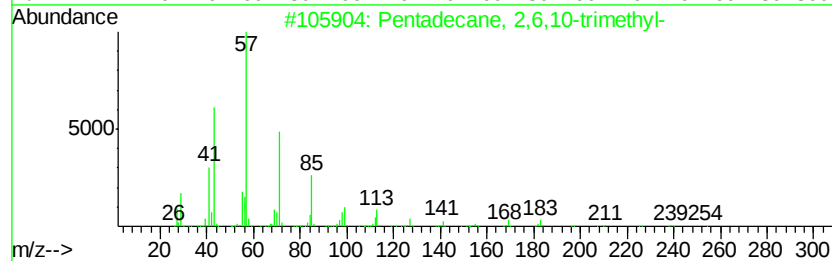
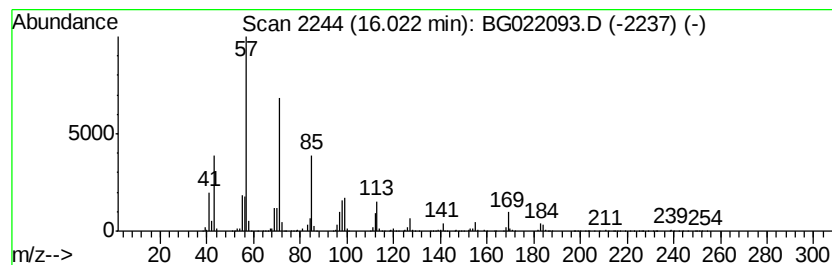
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.02	36.22 ng/ul	5123010	Acenaphthene-d10	14.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
2	Heneicosane	296	C21H44	000629-94-7	83
3	Heneicosane	296	C21H44	000629-94-7	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane	184	C13H28	000629-50-5	74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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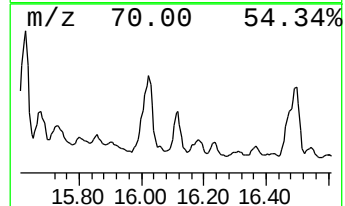
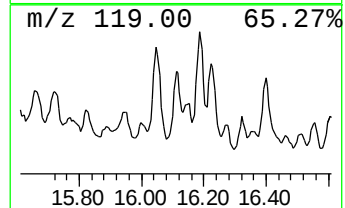
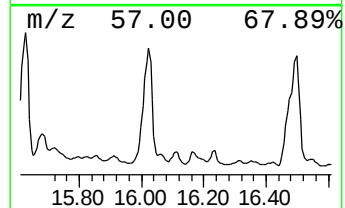
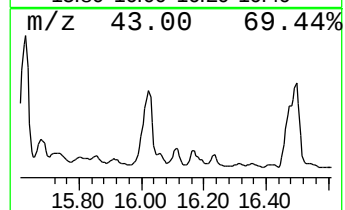
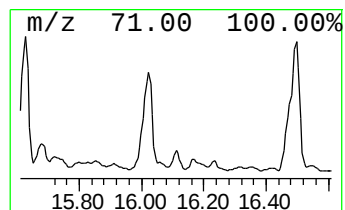
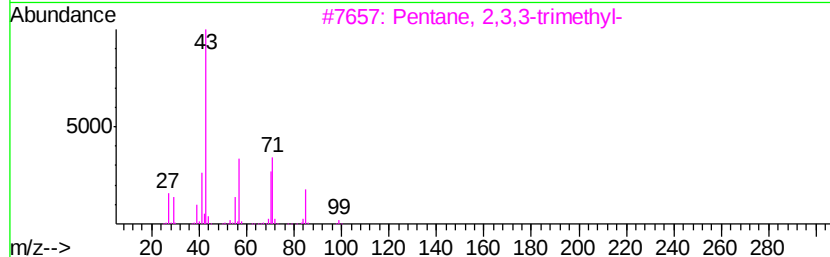
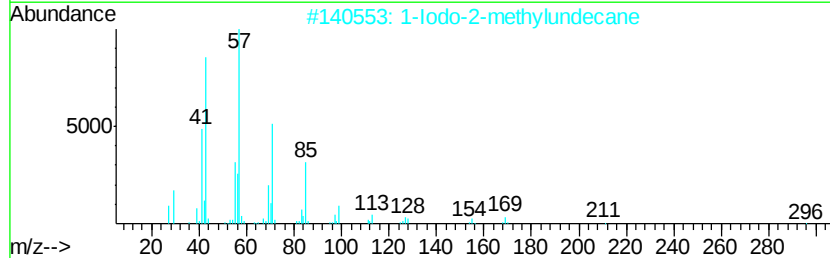
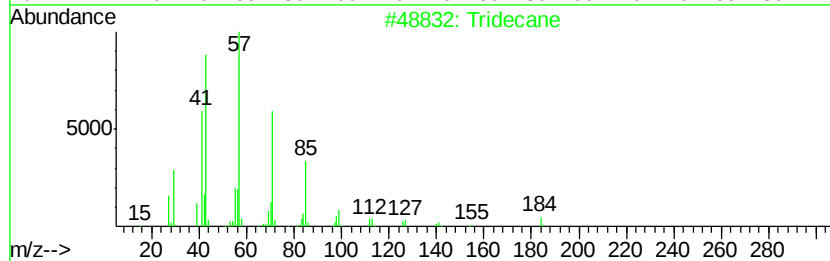
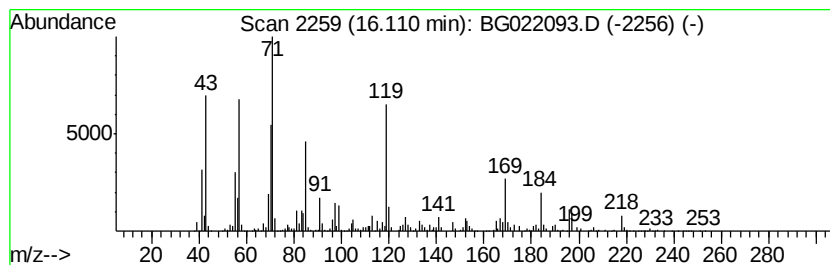
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	5.39 ng/ul	761848	Acenaphthene-d10	14.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	42
2			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	38
3			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	35
4			Hexadecane	226	C16H34	000544-76-3	35
5			Sulfurous acid, 2-pentyl undecyl...	306	C16H34O3S	1000309-16-0	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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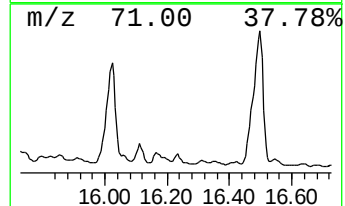
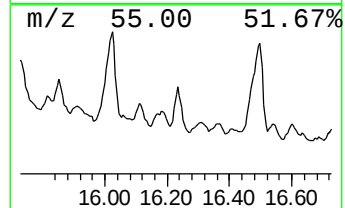
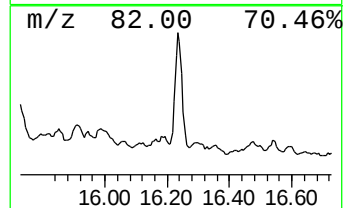
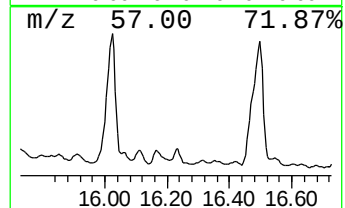
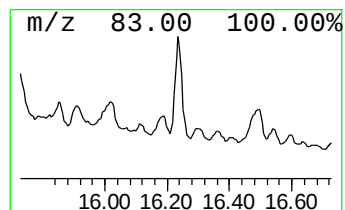
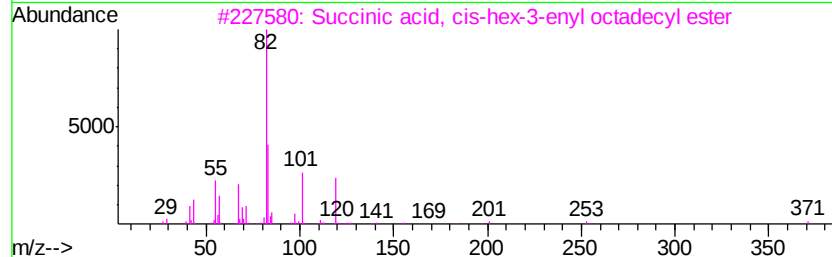
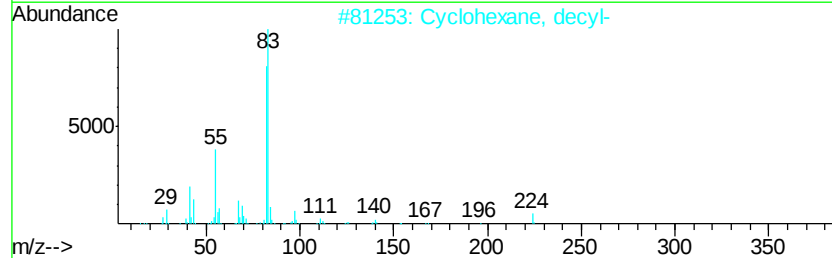
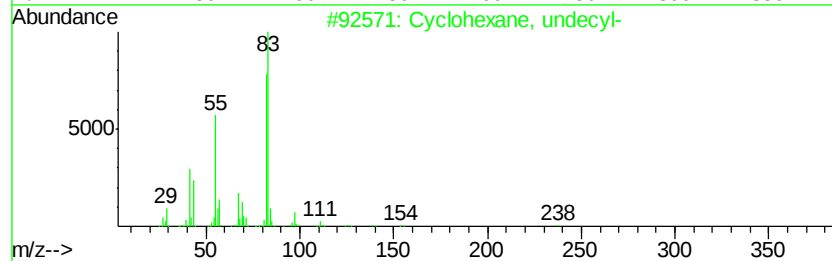
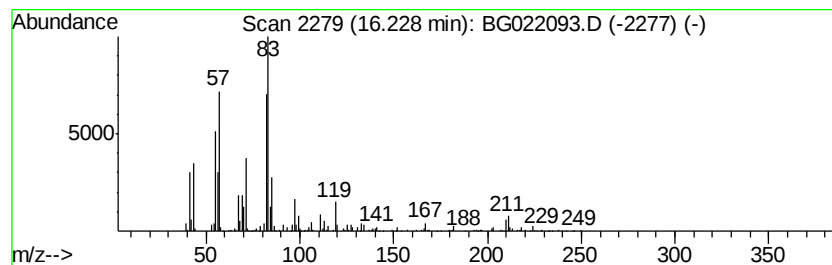
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 (DEL) Alkane: Cyclic16.23 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	13.56 ng/ul	1103940	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	70
2		Cyclohexane, decyl-	224	C16H32	001795-16-0	58
3		Succinic acid, cis-hex-3-enyl oc...	452	C28H52O4	1000353-42-0	53
4		N-Carboxy-1-[4-chlorophenyl]-2-[...	295	C15H18ClN03	058158-38-6	53
5		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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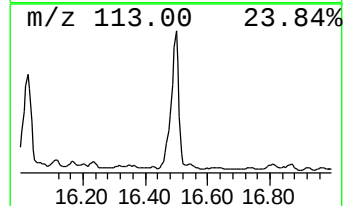
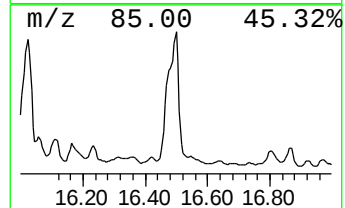
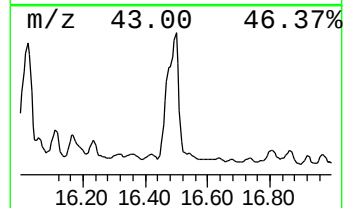
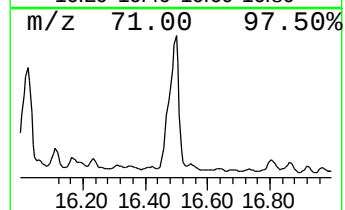
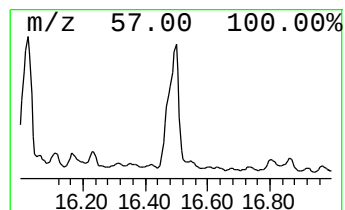
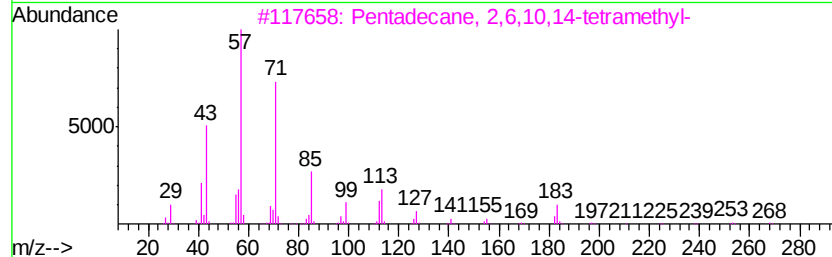
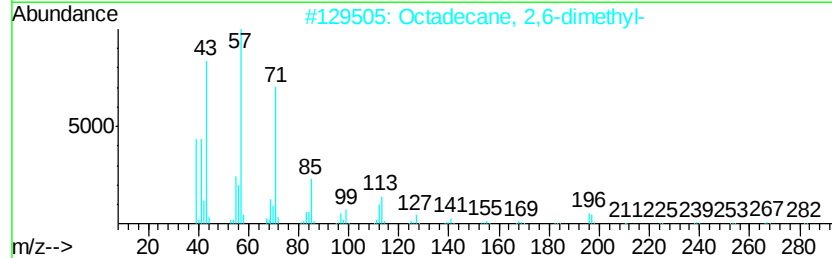
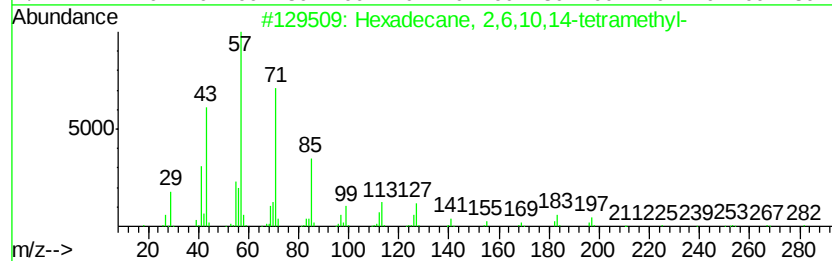
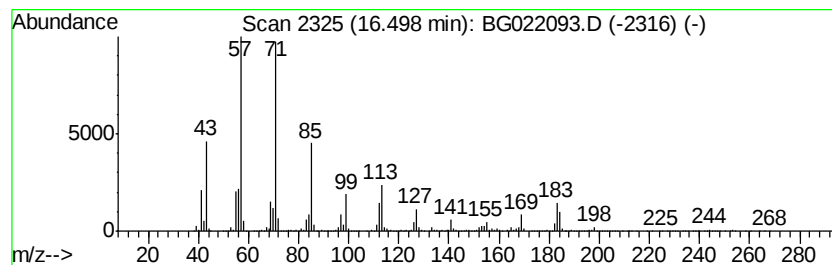
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	85.39 ng/ul	6954560	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86
3			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
4			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	83
5			Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0

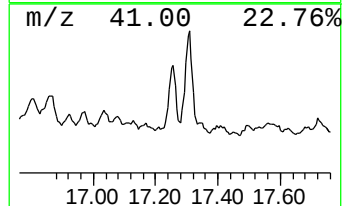
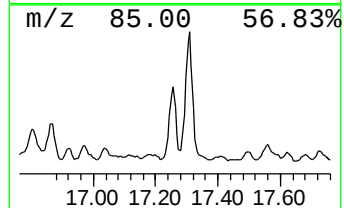
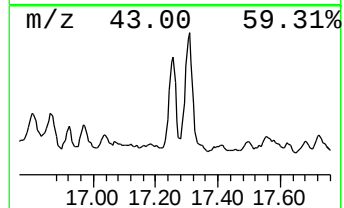
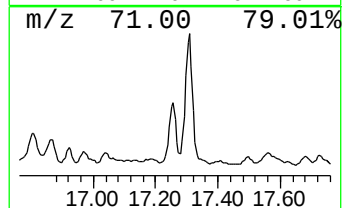
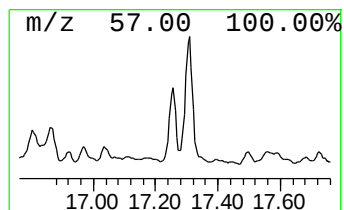
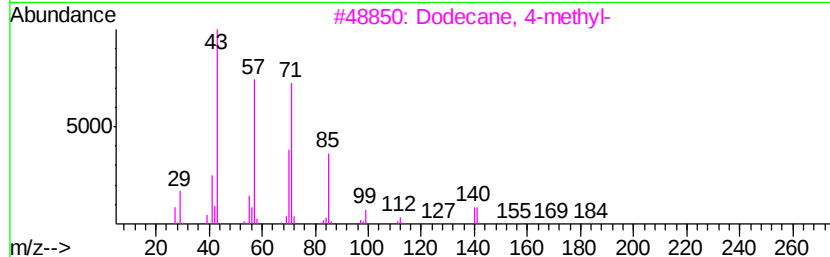
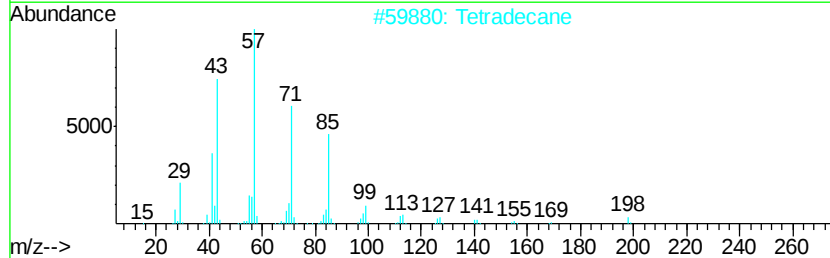
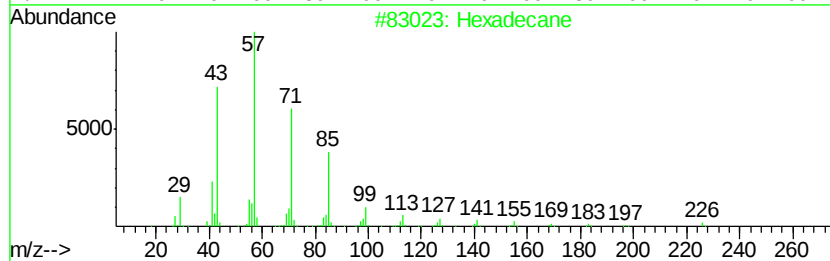
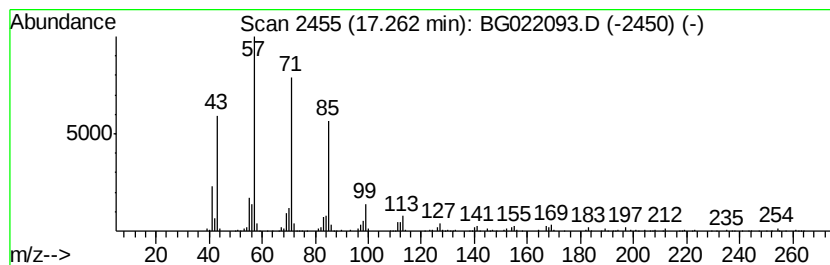
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	8.66 ng/ul	705212	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tetradecane	198	C14H30	000629-59-4	90
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	86
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	86
5			Dodecane	170	C12H26	000112-40-3	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0

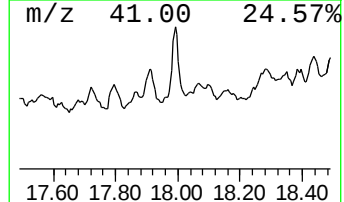
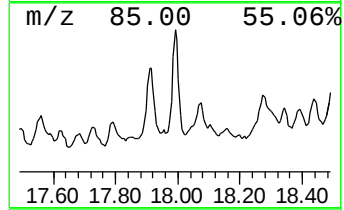
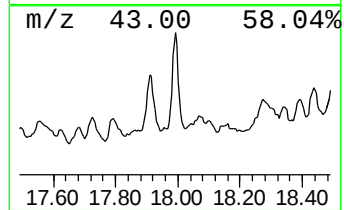
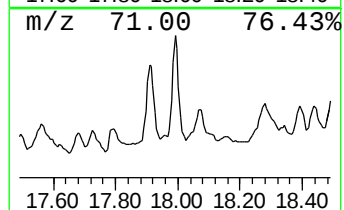
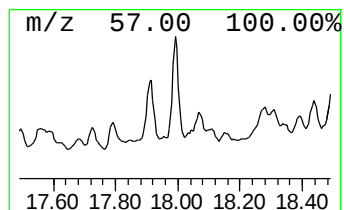
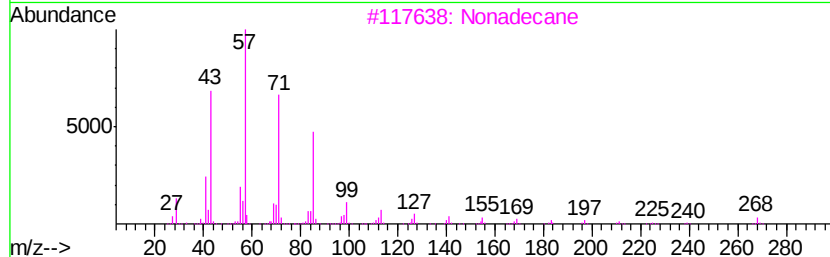
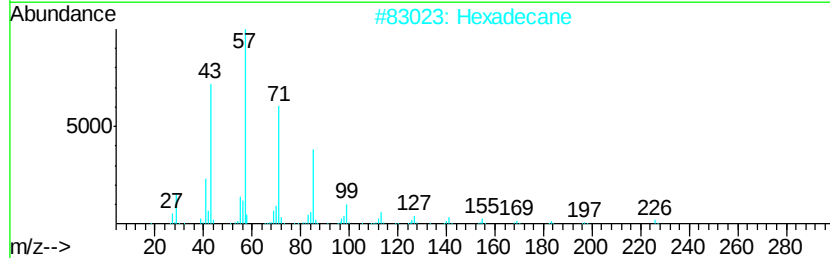
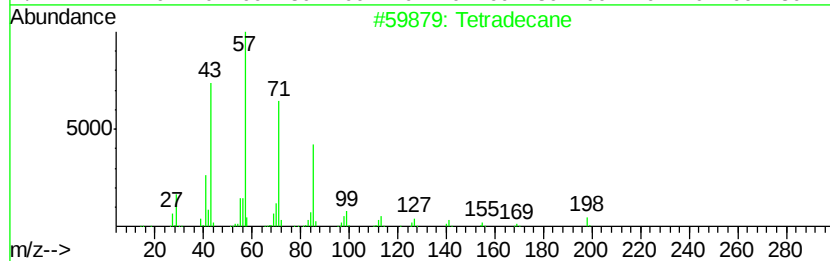
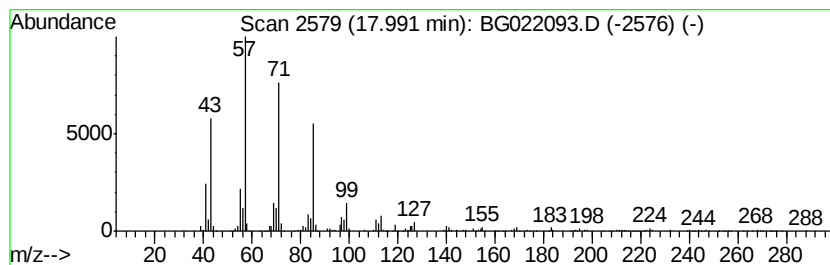
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	9.19 ng/ul	748709	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Nonadecane	268	C19H40	000629-92-5	86
4			Heptadecane	240	C17H36	000629-78-7	86
5			Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022093.D
Acq On : 26 May 2016 23:09
Operator : UM/SJ
Sample : H3201-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZK0

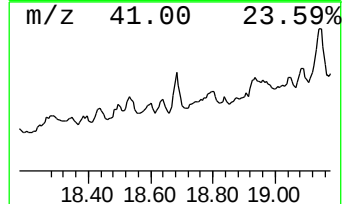
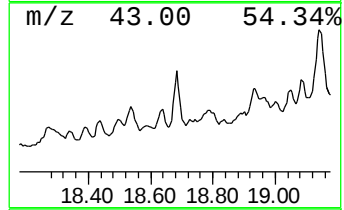
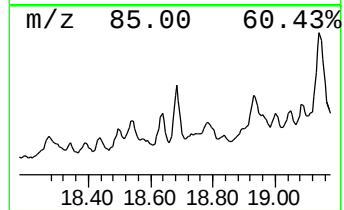
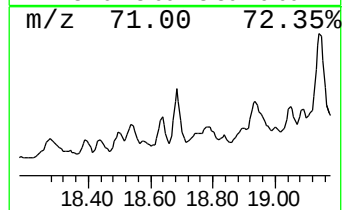
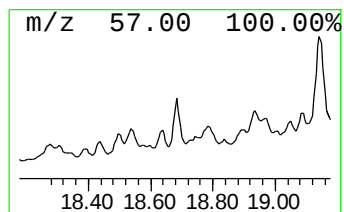
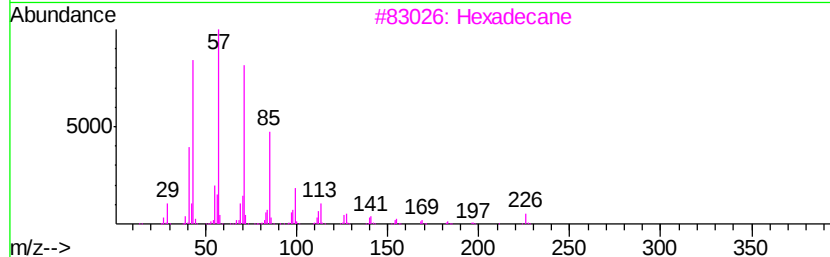
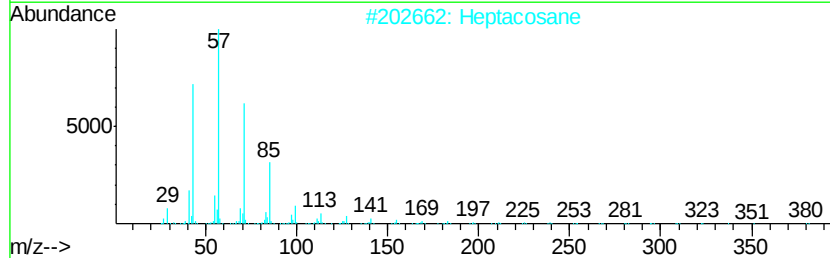
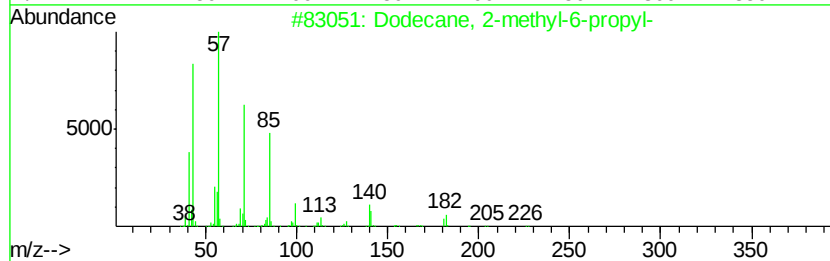
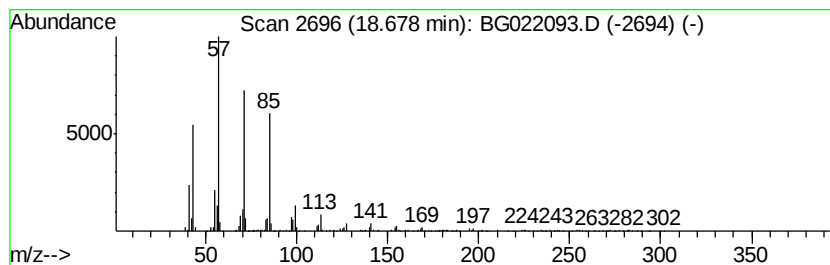
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	5.97 ng/ul	486145	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
2			Heptacosane	380	C27H56	000593-49-7	80
3			Hexadecane	226	C16H34	000544-76-3	80
4			Pentadecane	212	C15H32	000629-62-9	64
5			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052616\
 Data File : BG022093.D
 Acq On : 26 May 2016 23:09
 Operator : UM/SJ
 Sample : H3201-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	7.59	2.4	ng/ul	19256	1	8.15	159752	20.0
(DEL) Alkane: Str...	7.94	7.0	ng/ul	55593	1	8.15	159752	20.0
Hydroxylamine, 0-...	8.03	5.0	ng/ul	39515	1	8.15	159752	20.0
(DEL) Alkane: Str...	8.28	10.1	ng/ul	80326	1	8.15	159752	20.0
(DEL) Alkane: Cyc...	8.33	17.4	ng/ul	139108	1	8.15	159752	20.0
Sulfurous acid, b...	8.38	27.0	ng/ul	215702	1	8.15	159752	20.0
(DEL) Alkane: Cyc...	8.50	17.6	ng/ul	140456	1	8.15	159752	20.0
(DEL) Alkane: Str...	8.57	27.7	ng/ul	220914	1	8.15	159752	20.0
unknown-01	8.64	4.5	ng/ul	35674	1	8.15	159752	20.0
(DEL) Alkane: Cyc...	8.71	43.5	ng/ul	347841	1	8.15	159752	20.0
2H-Pyran, tetrahy...	9.04	82.0	ng/ul	655025	1	8.15	159752	20.0
Oxalic acid, cycl...	9.13	23.0	ng/ul	183936	1	8.15	159752	20.0
4-Undecen-6-one	9.26	126.2	ng/ul	1008100	1	8.15	159752	20.0
unknown-02	9.41	15.9	ng/ul	127042	1	8.15	159752	20.0
unknown-03	9.47	52.8	ng/ul	421576	1	8.15	159752	20.0
(DEL) Alkane: Str...	9.62	6.8	ng/ul	655293	2	10.98	1942500	20.0
(DEL) Alkane: Str...	9.72	3.6	ng/ul	346062	2	10.98	1942500	20.0
(DEL) Alkane: Str...	9.79	9.9	ng/ul	965717	2	10.98	1942500	20.0
(DEL) Alkane: Bra...	9.89	12.9	ng/ul	1250760	2	10.98	1942500	20.0
(DEL) Alkane: Bra...	10.15	10.7	ng/ul	1042620	2	10.98	1942500	20.0
(DEL) Alkane: Str...	10.29	7.4	ng/ul	719419	2	10.98	1942500	20.0
1-Octadecanesulph...	10.38	11.2	ng/ul	1084230	2	10.98	1942500	20.0
(DEL) Alkane: Str...	10.48	6.2	ng/ul	601620	2	10.98	1942500	20.0
(DEL) Alkane: Cyc...	10.55	9.5	ng/ul	926676	2	10.98	1942500	20.0
Ethanone, 1-(2,2-...	10.69	16.8	ng/ul	1635520	2	10.98	1942500	20.0
unknown-04	10.75	5.9	ng/ul	571789	2	10.98	1942500	20.0
unknown-05	10.83	4.1	ng/ul	395905	2	10.98	1942500	20.0
Oxirane, [(dodecy...	11.19	16.4	ng/ul	1591070	2	10.98	1942500	20.0
Benzene, 1-ethyl-...	11.39	30.8	ng/ul	2987100	2	10.98	1942500	20.0
(DEL) Alkane: Cyc...	11.47	20.2	ng/ul	1960570	2	10.98	1942500	20.0
(DEL) Alkane: Cyc...	11.68	35.9	ng/ul	3481850	2	10.98	1942500	20.0
(DEL) Alkane: Str...	11.81	29.7	ng/ul	2884840	2	10.98	1942500	20.0
(DEL) Alkane: Str...	11.89	32.7	ng/ul	3178460	2	10.98	1942500	20.0
(DEL) Alkane: Str...	12.01	144.1	ng/ul	13994300	2	10.98	1942500	20.0
(DEL) Alkane: Cyc...	12.26	26.9	ng/ul	2615950	2	10.98	1942500	20.0
(DEL) Alkane: Str...	12.40	91.0	ng/ul	8841510	2	10.98	1942500	20.0
(DEL) Alkane: Str...	13.02	21.1	ng/ul	2986990	3	14.81	2829020	20.0
(DEL) Alkane: Str...	13.20	17.5	ng/ul	2474330	3	14.81	2829020	20.0
(DEL) Alkane: Str...	13.35	99.8	ng/ul	14113100	3	14.81	2829020	20.0
(DEL) Alkane: Str...	13.64	129.6	ng/ul	18324800	3	14.81	2829020	20.0
(DEL) Alkane: Str...	14.29	94.5	ng/ul	13367700	3	14.81	2829020	20.0
(DEL) Alkane: Str...	14.33	32.3	ng/ul	4567700	3	14.81	2829020	20.0
(DEL) Alkane: Str...	14.40	22.4	ng/ul	3174810	3	14.81	2829020	20.0
(DEL) Alkane: Cyc...	14.64	20.3	ng/ul	2872190	3	14.81	2829020	20.0
(DEL) Alkane: Str...	14.70	74.1	ng/ul	10476800	3	14.81	2829020	20.0
(DEL) Alkane: Str...	15.18	17.9	ng/ul	2524460	3	14.81	2829020	20.0
(DEL) Alkane: Str...	15.30	32.3	ng/ul	4565990	3	14.81	2829020	20.0
(DEL) Alkane: Str...	16.02	36.2	ng/ul	5123010	3	14.81	2829020	20.0
(DEL) Alkane: Str...	16.11	5.4	ng/ul	761848	3	14.81	2829020	20.0

(DEL)	Alkane: Cyc...	16.23	13.6	ng/ul	1103940	4	17.53	1628830	20.0
(DEL)	Alkane: Str...	16.50	85.4	ng/ul	6954560	4	17.53	1628830	20.0
(DEL)	Alkane: Str...	17.26	8.7	ng/ul	705212	4	17.53	1628830	20.0
(DEL)	Alkane: Str...	17.99	9.2	ng/ul	748709	4	17.53	1628830	20.0
(DEL)	Alkane: Str...	18.68	6.0	ng/ul	486145	4	17.53	1628830	20.0

Instrument :

BNA_G

ClientSampleId :

BCZK0