

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
 Data File : BM005633.D
 Acq On : 24 May 2016 06:07
 Operator : UM/SJ
 Sample : H3086-19RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGG9RE

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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_M\METHODS\SOM02.2-EPA-BM052016.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	6.963	737	744	745	rBV	160933	267581	1.27%	0.074%
2	6.992	745	749	762	rVB	433465	794007	3.76%	0.220%
3	7.140	767	774	779	rBV	357044	600785	2.84%	0.166%
4	7.345	804	809	817	rVB	441581	788145	3.73%	0.218%
5	7.422	817	822	830	rBV2	210323	324577	1.54%	0.090%
6	7.716	864	872	877	rBV4	98978	253928	1.20%	0.070%
7	7.781	877	883	884	rVV	315030	467607	2.21%	0.129%
8	7.810	884	888	893	rVV	688527	1149218	5.44%	0.318%
9	7.875	893	899	904	rVB3	152606	297274	1.41%	0.082%
10	7.987	914	918	923	rVB	153120	216521	1.02%	0.060%
11	8.328	968	976	983	rBV3	211486	552759	2.62%	0.153%
12	8.386	983	986	991	rVB	174635	264001	1.25%	0.073%
13	8.457	991	998	1004	rBV2	233113	469149	2.22%	0.130%
14	8.528	1004	1010	1014	rVV	508585	855153	4.05%	0.237%
15	8.563	1014	1016	1024	rVB3	238052	347375	1.64%	0.096%
16	8.910	1064	1075	1079	rBV2	283863	660792	3.13%	0.183%
17	8.969	1079	1085	1089	rVV	409128	781440	3.70%	0.216%
18	9.028	1089	1095	1105	rVB	1410935	2447308	11.58%	0.677%
19	9.116	1105	1110	1112	rBV3	130777	223874	1.06%	0.062%
20	9.439	1159	1165	1169	rBV2	349171	620110	2.93%	0.172%
21	9.492	1170	1174	1177	rBV	179868	286006	1.35%	0.079%
22	9.686	1198	1207	1211	rBV2	491798	1078862	5.11%	0.298%
23	9.733	1211	1215	1219	rVV3	381019	683546	3.23%	0.189%
24	9.804	1219	1227	1231	rVV4	307662	816098	3.86%	0.226%
25	9.875	1231	1239	1245	rVB2	573867	1433671	6.78%	0.397%
26	9.945	1245	1251	1256	rBV2	697837	1258046	5.95%	0.348%
27	10.022	1256	1264	1269	rVV3	1135430	2544481	12.04%	0.704%
28	10.069	1269	1272	1277	rVB2	295263	448824	2.12%	0.124%
29	10.128	1277	1282	1287	rBV	781576	1393355	6.59%	0.386%
30	10.186	1288	1292	1296	rVB3	346062	583591	2.76%	0.161%
31	10.239	1297	1301	1306	rVB	490709	811839	3.84%	0.225%
32	10.304	1307	1312	1321	rBV2	466775	1118655	5.29%	0.310%
33	10.386	1322	1326	1330	rBV3	152056	246846	1.17%	0.068%
34	10.457	1334	1338	1341	rBV3	328875	604036	2.86%	0.167%

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35	10.498	1341	1345	1351	rVV5	491135	1344930	6.36%	0.372%
36	10.580	1351	1359	1367	rVV3	6051835	14634309	69.25%	4.049%
37	10.651	1367	1371	1378	rVV5	915456	2732071	12.93%	0.756%
38	10.716	1378	1382	1385	rVV2	1101970	1962594	9.29%	0.543%
39	10.763	1385	1390	1396	rVV	2912034	5250226	24.84%	1.453%
40	10.822	1396	1400	1407	rVV2	1085118	2023226	9.57%	0.560%
41	10.892	1408	1412	1418	rVB5	721418	1363150	6.45%	0.377%
42	11.010	1422	1432	1439	rBV4	960506	3459365	16.37%	0.957%
43	11.092	1440	1446	1453	rVB3	972246	2114694	10.01%	0.585%
44	11.216	1464	1467	1471	rBV4	401817	638339	3.02%	0.177%
45	11.263	1471	1475	1478	rBV	1209846	2075742	9.82%	0.574%
46	11.310	1478	1483	1484	rBV3	1176719	1744071	8.25%	0.483%
47	11.445	1500	1506	1512	rBV4	2121739	4155846	19.67%	1.150%
48	11.522	1513	1519	1527	rBV2	3624046	8208674	38.84%	2.271%
49	11.633	1532	1538	1548	rBV2	4479524	12186488	57.67%	3.372%
50	11.722	1548	1553	1558	rVB	1666920	3303347	15.63%	0.914%
51	11.822	1563	1570	1575	rBV3	1326265	3585941	16.97%	0.992%
52	12.051	1597	1609	1613	rBV3	7976458	20443875	96.74%	5.656%
53	12.498	1678	1685	1695	rBV5	2375771	8122270	38.43%	2.247%
54	12.722	1719	1723	1730	rVB5	1946146	4025434	19.05%	1.114%
55	12.857	1742	1746	1756	rVB4	2606245	6753547	31.96%	1.869%
56	12.951	1757	1762	1765	rBV3	2102869	4446641	21.04%	1.230%
57	13.004	1766	1771	1776	rVB2	4119892	7896247	37.36%	2.185%
58	13.127	1787	1792	1797	rBV3	1540271	3738697	17.69%	1.034%
59	13.310	1817	1823	1828	rVB	6680612	13706289	64.86%	3.792%
60	13.504	1852	1856	1858	rBV	1726924	2777424	13.14%	0.768%
61	13.645	1872	1880	1889	rBV2	5628739	18159164	85.93%	5.024%
62	13.810	1902	1908	1913	rBV3	6476196	14238483	67.38%	3.939%
63	13.863	1913	1917	1923	rVB2	6923586	11196982	52.98%	3.098%
64	13.992	1936	1939	1942	rBV	2484623	3317115	15.70%	0.918%
65	14.039	1943	1947	1949	rBV	2199436	3255158	15.40%	0.901%
66	14.386	1998	2006	2009	rBV	7591770	14831020	70.18%	4.103%
67	14.604	2040	2043	2049	rVB3	1846816	2874644	13.60%	0.795%
68	14.692	2052	2058	2066	rVB	5225901	14664715	69.39%	4.057%
69	14.963	2099	2104	2111	rBV2	5388590	8886124	42.05%	2.459%
70	15.098	2122	2127	2132	rBV	5515729	10574369	50.04%	2.926%
71	15.151	2132	2136	2140	rVB	4375594	6435455	30.45%	1.781%

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72	15.327	2159	2166	2170	rVB2	6049304	12967764	61.36%	3.588%
73	15.727	2231	2234	2242	rVB3	4518080	7058007	33.40%	1.953%
74	15.933	2266	2269	2272	rVB4	2597571	3244619	15.35%	0.898%
75	16.192	2308	2313	2327	rVB3	7512966	21132868	100.00%	5.847%
76	16.333	2333	2337	2341	rVB2	2089633	3007869	14.23%	0.832%
77	16.580	2376	2379	2384	rVB6	2847123	4260911	20.16%	1.179%
78	16.968	2441	2445	2450	rVV	4292617	6761384	31.99%	1.871%
79	17.021	2451	2454	2464	rVB4	4076190	8188461	38.75%	2.266%
80	17.621	2553	2556	2561	rBV4	1509463	2051189	9.71%	0.568%
81	17.704	2566	2570	2575	rVB	5142870	7416176	35.09%	2.052%
82	18.398	2684	2688	2692	rBV	4190196	5418237	25.64%	1.499%
83	19.609	2891	2894	2898	rVB2	2386606	3111495	14.72%	0.861%

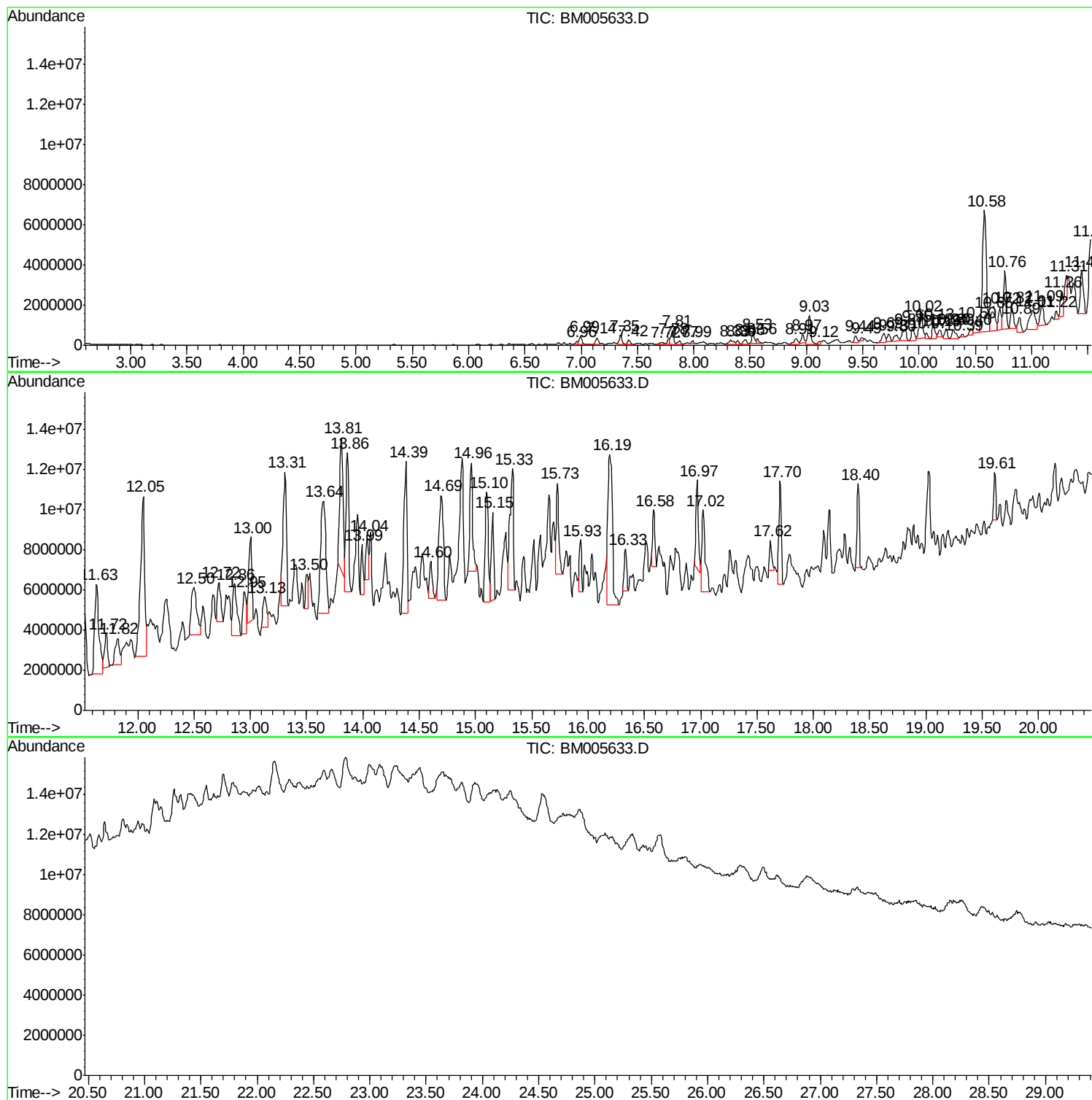
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Instrument :
BNA_M
ClientSampled :
JHGG9RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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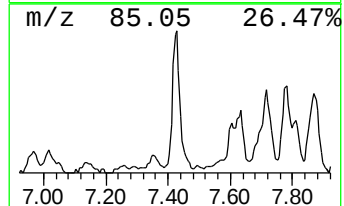
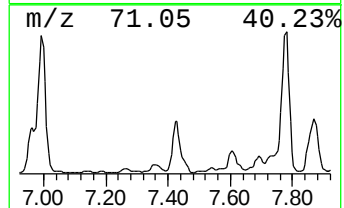
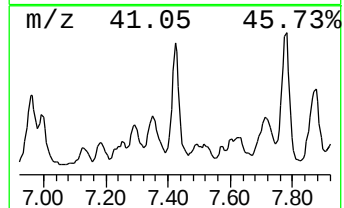
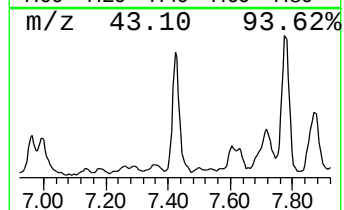
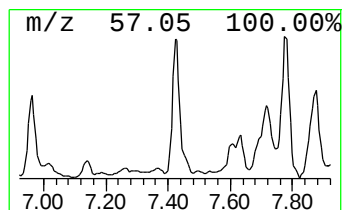
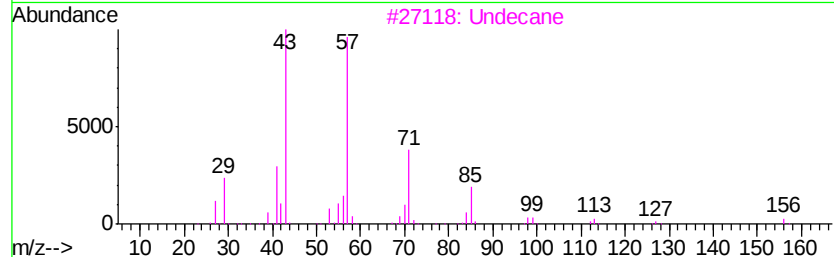
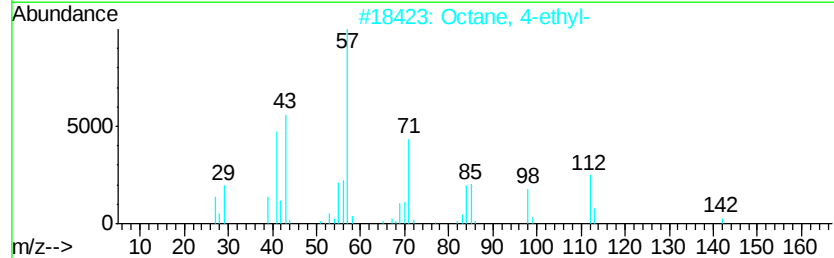
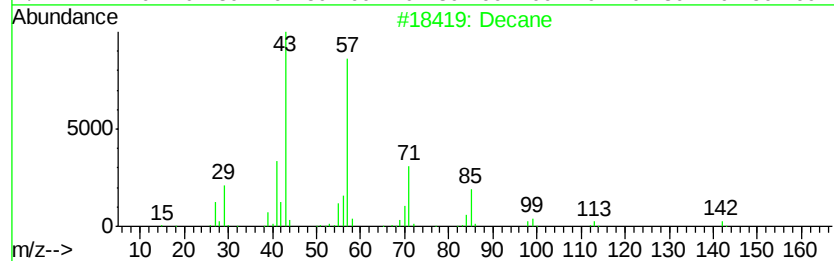
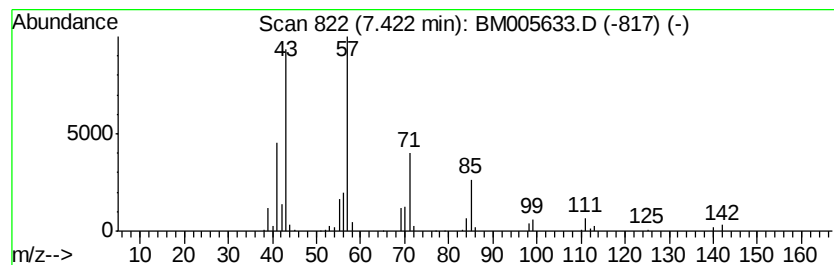
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	5.65 ng/ul	324577	1,4-Dichlorobenzene-d4	7.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	94
2			Octane, 4-ethyl-	142	C10H22	015869-86-0	90
3			Undecane	156	C11H24	001120-21-4	86
4			Nonane, 2-methyl-	142	C10H22	000871-83-0	80
5			Decane	142	C10H22	000124-18-5	78



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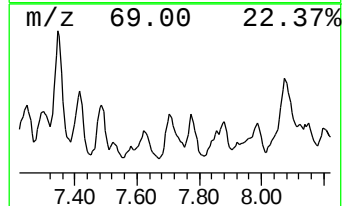
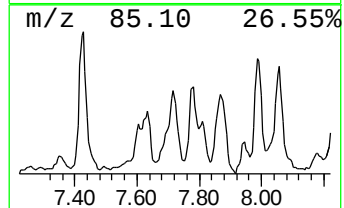
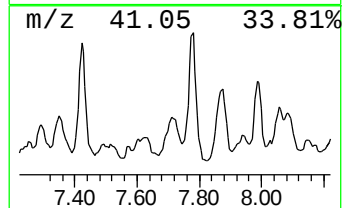
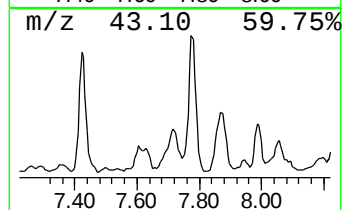
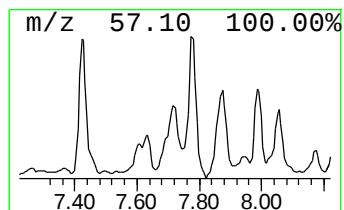
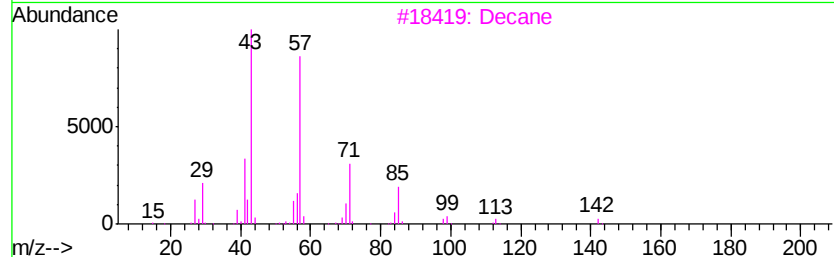
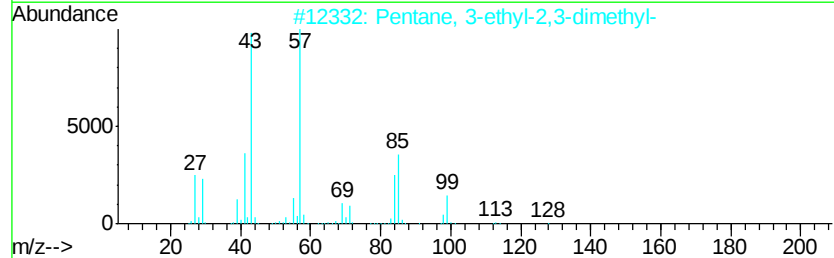
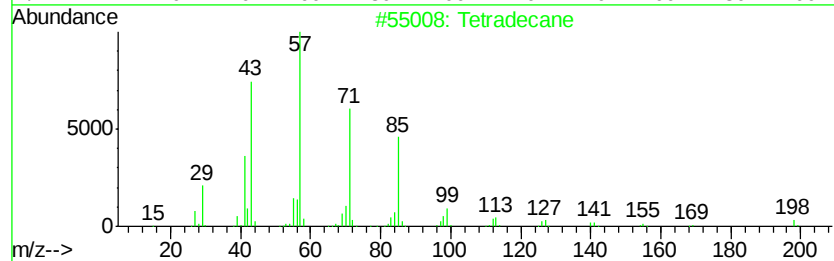
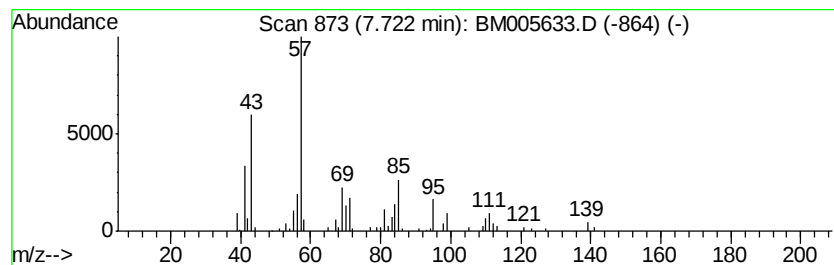
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	4.42 ng/ul	253928	1,4-Dichlorobenzene-d4	7.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	50
2			Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	47
3			Decane	142	C10H22	000124-18-5	43
4			Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	43
5			Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	35



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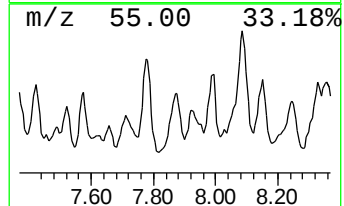
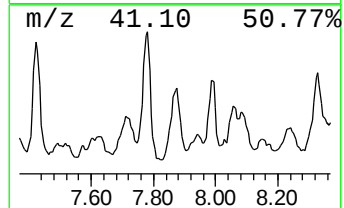
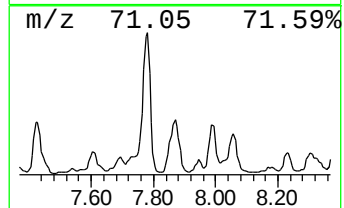
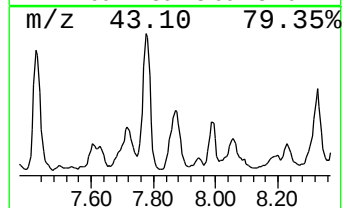
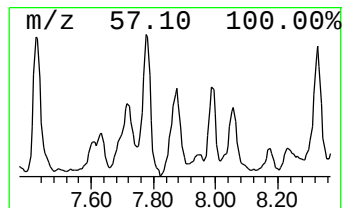
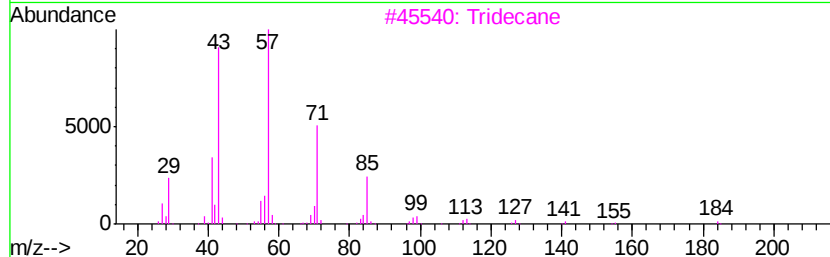
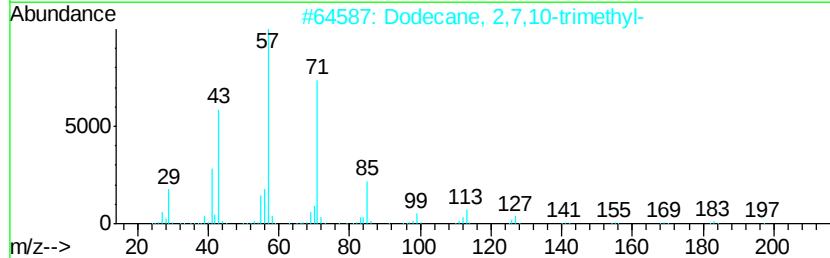
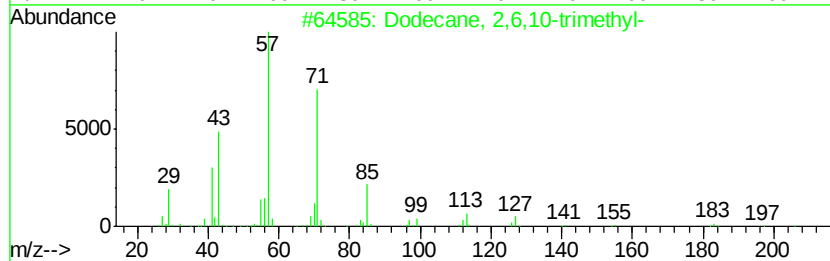
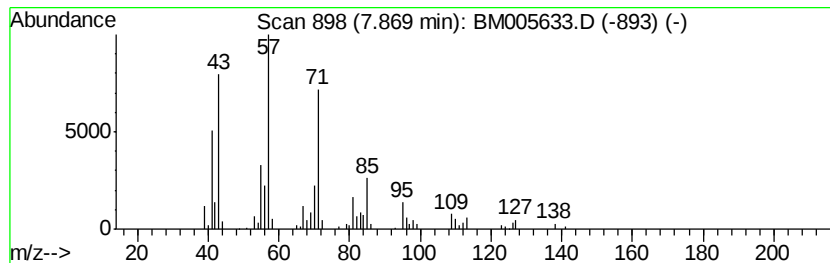
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	5.17 ng/ul	297274	1,4-Dichlorobenzene-d4	7.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
3			Tridecane	184	C13H28	000629-50-5	53
4			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	47
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	47



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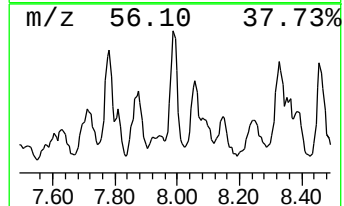
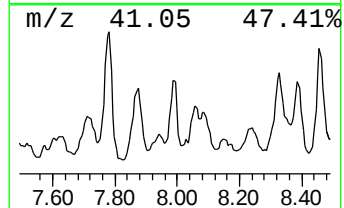
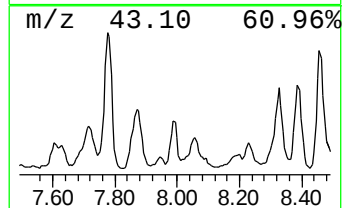
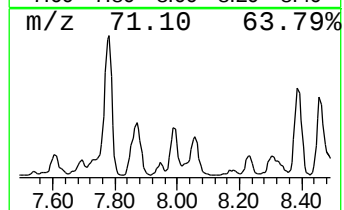
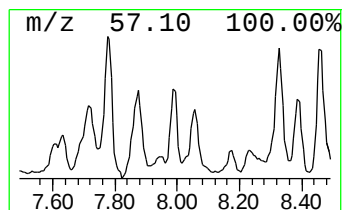
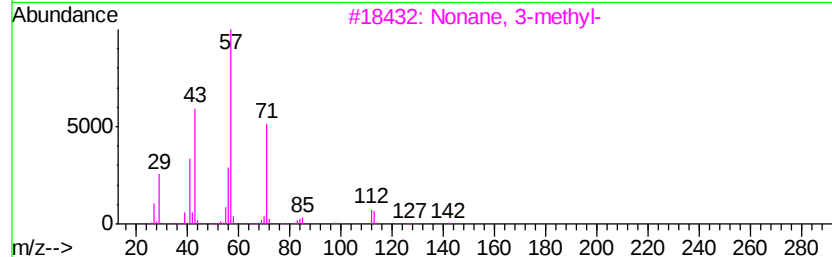
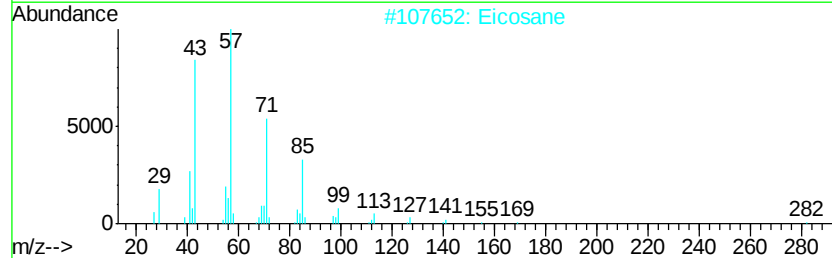
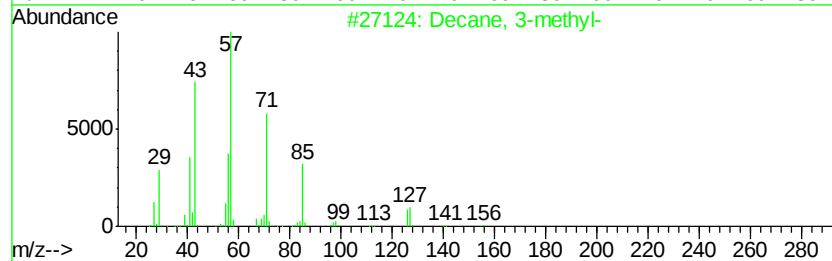
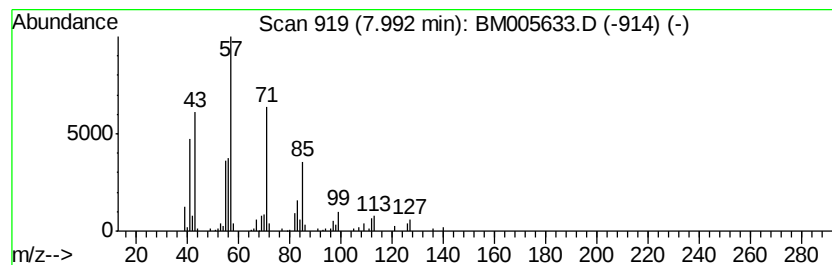
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	3.77 ng/ul	216521	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	80
2		Eicosane	282	C20H42	000112-95-8	64
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	59
4		Heptacosane	380	C27H56	000593-49-7	58
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
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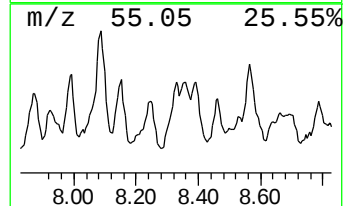
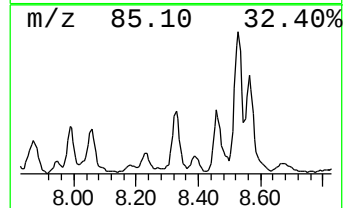
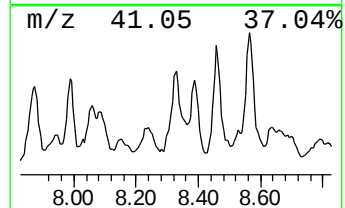
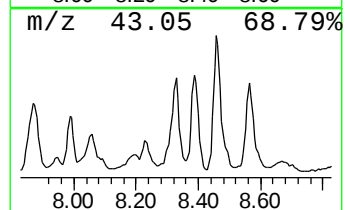
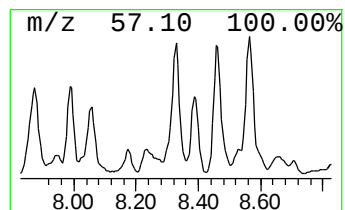
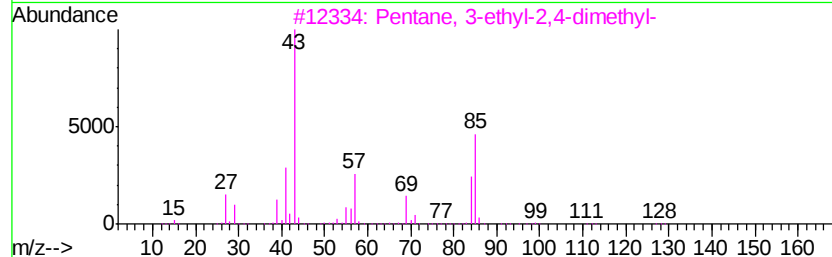
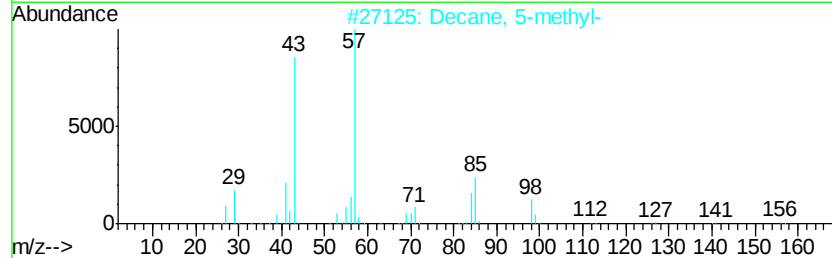
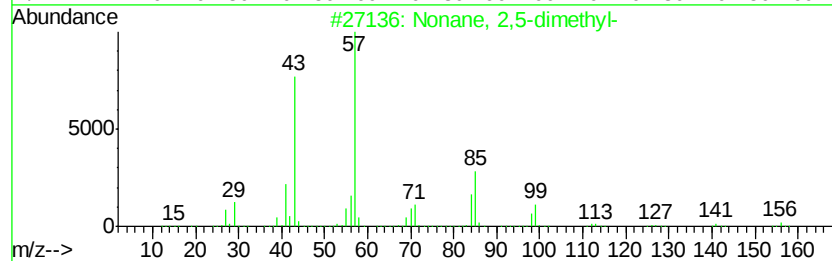
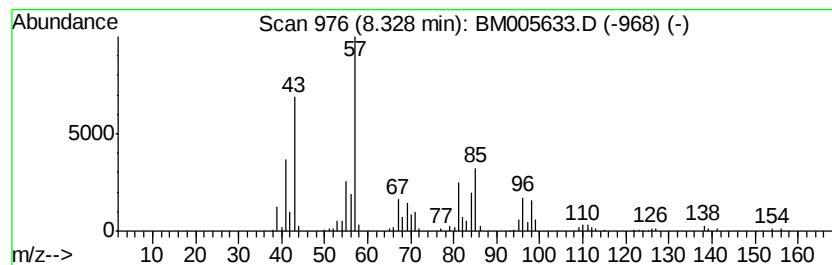
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	9.62 ng/ul	552759	1,4-Dichlorobenzene-d4	7.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	76
2			Decane, 5-methyl-	156	C11H24	013151-35-4	74
3			Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	47
4			Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	47
5			Heptane, 4-ethyl-	128	C9H20	002216-32-2	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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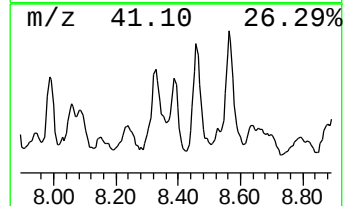
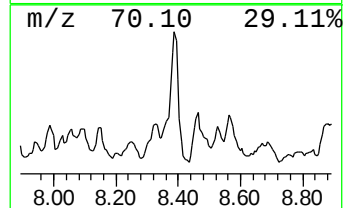
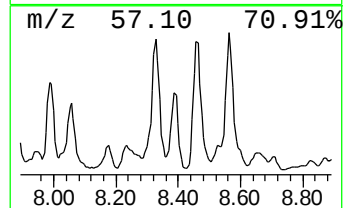
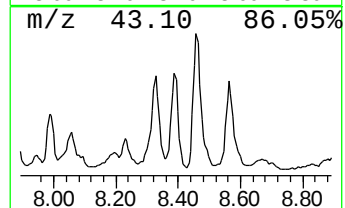
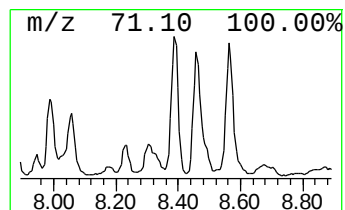
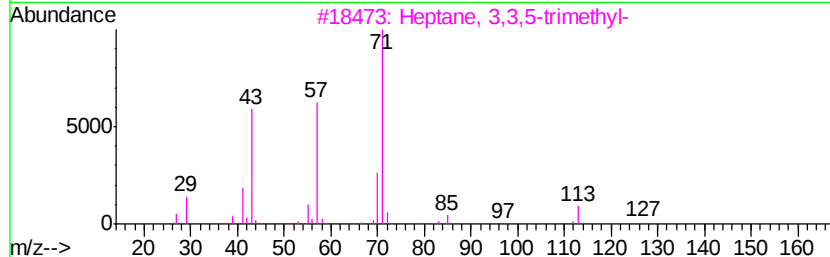
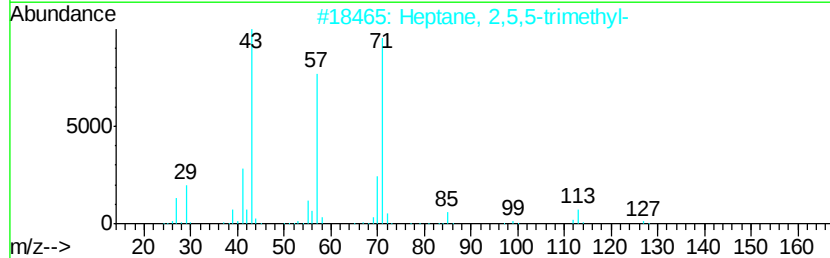
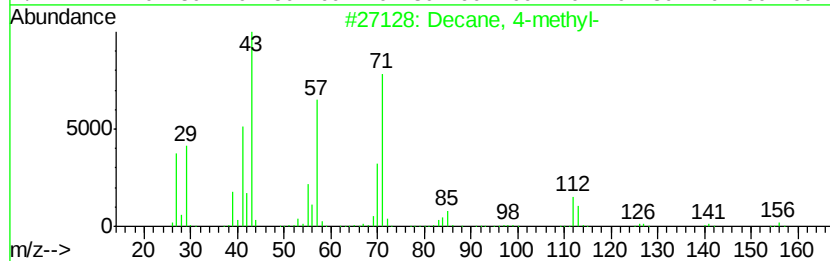
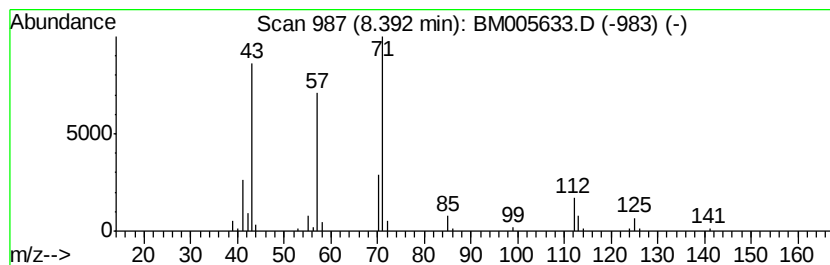
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	4.59 ng/ul	264001	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	83
2		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	78
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	72
5		Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
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Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
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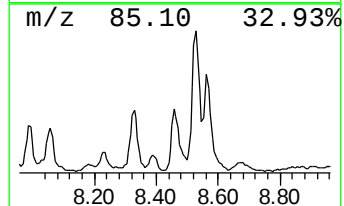
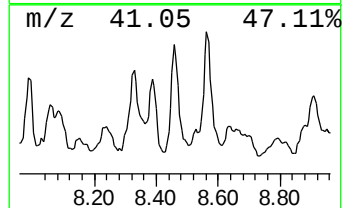
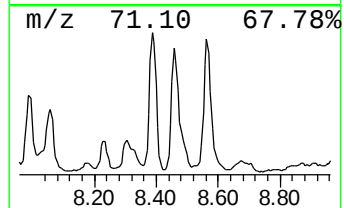
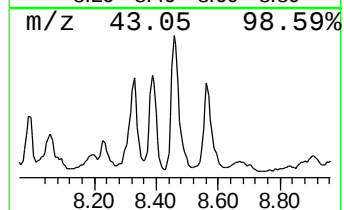
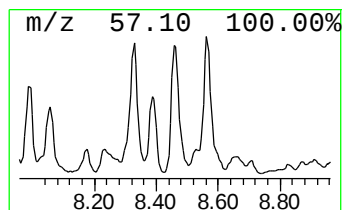
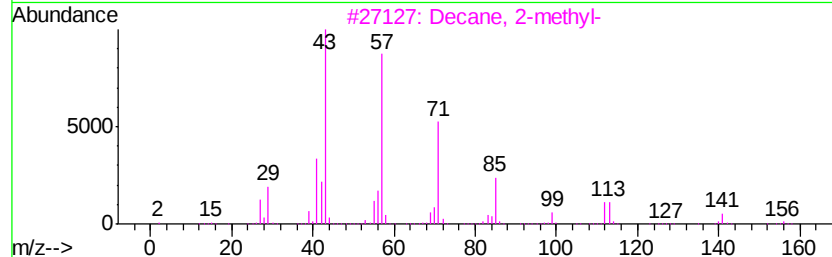
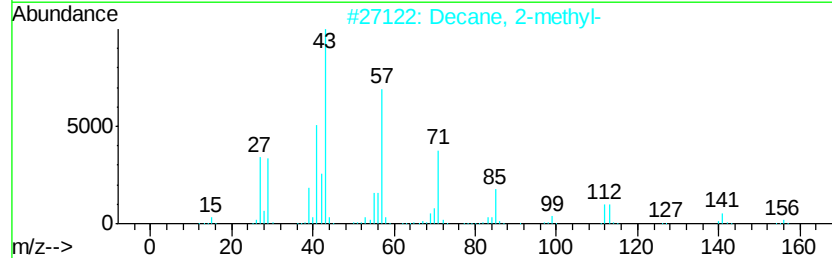
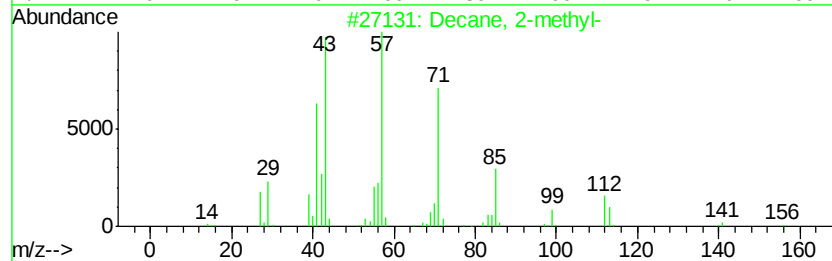
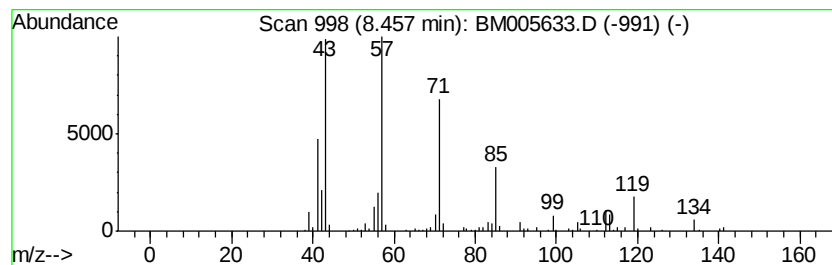
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	8.16 ng/ul	469149	1,4-Dichlorobenzene-d4	7.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	86
2			Decane, 2-methyl-	156	C11H24	006975-98-0	78
3			Decane, 2-methyl-	156	C11H24	006975-98-0	78
4			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	64
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
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ALS Vial : 19 Sample Multiplier: 1

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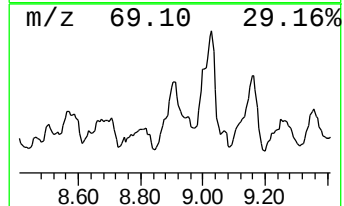
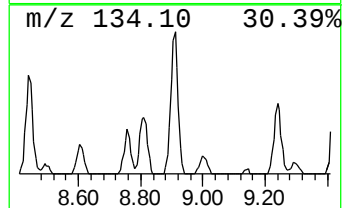
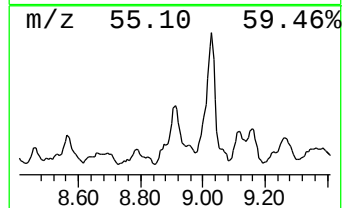
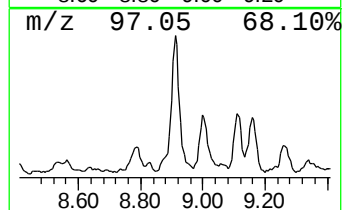
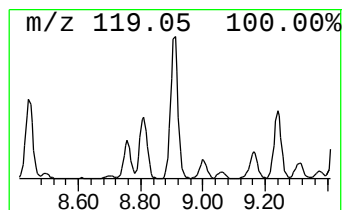
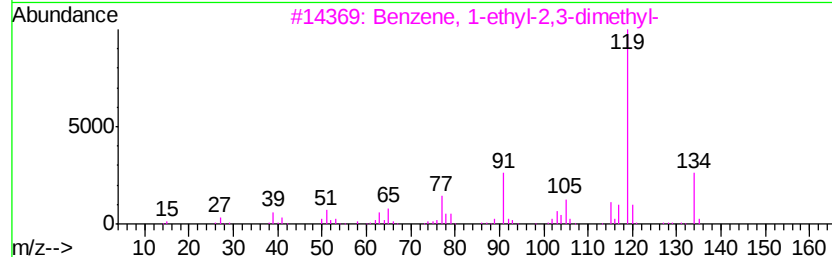
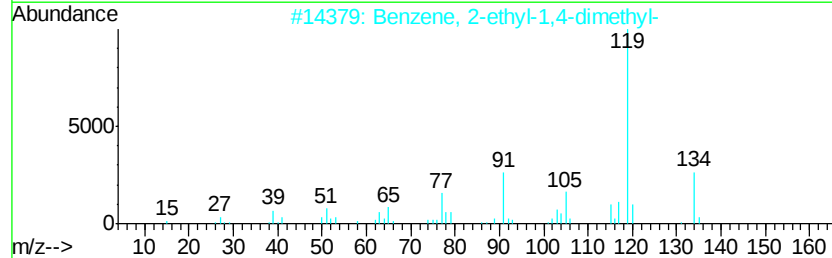
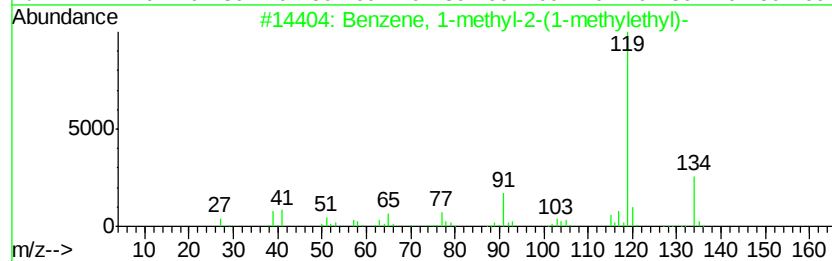
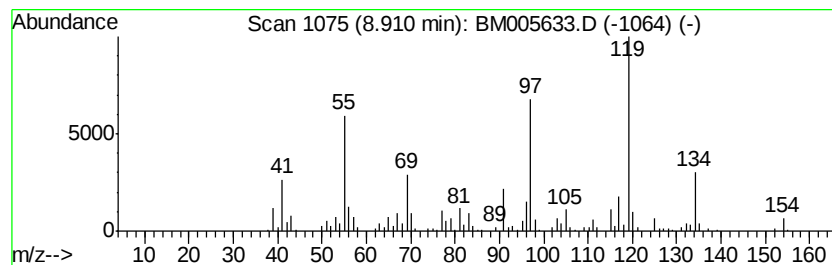
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-methyl-2-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	11.50 ng/ul	660792	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

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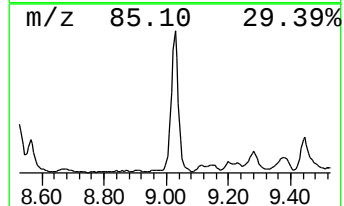
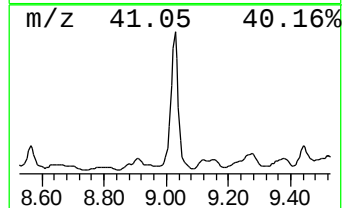
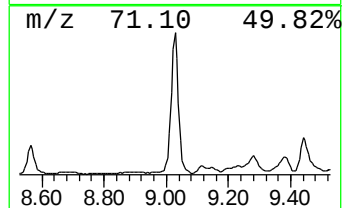
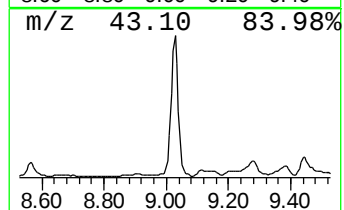
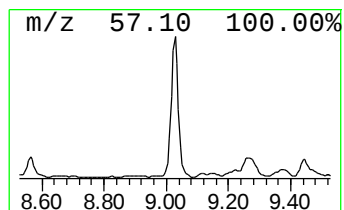
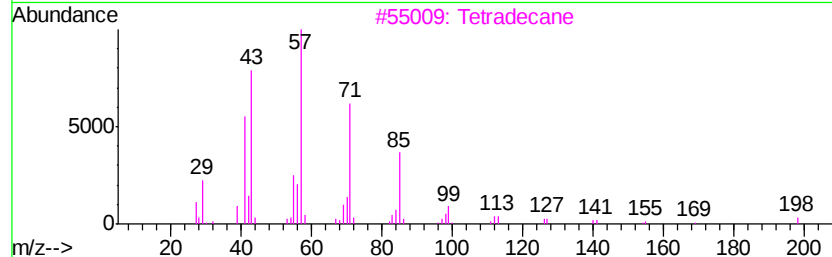
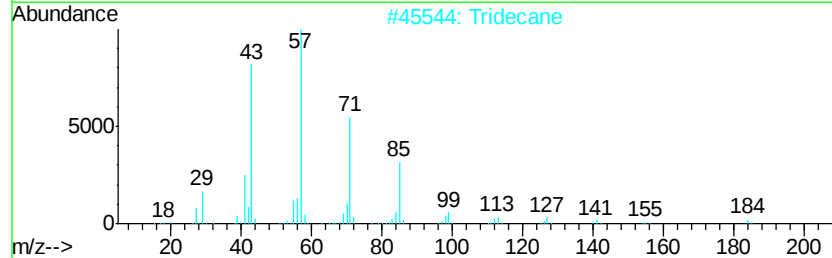
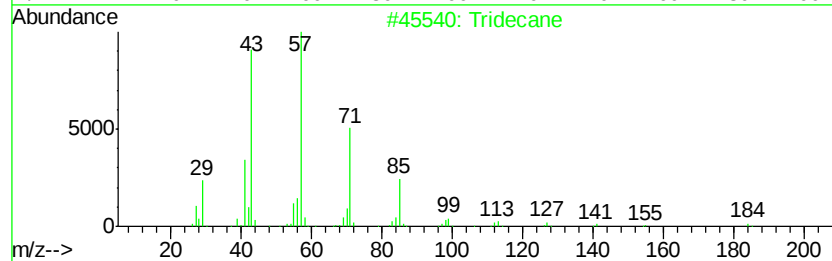
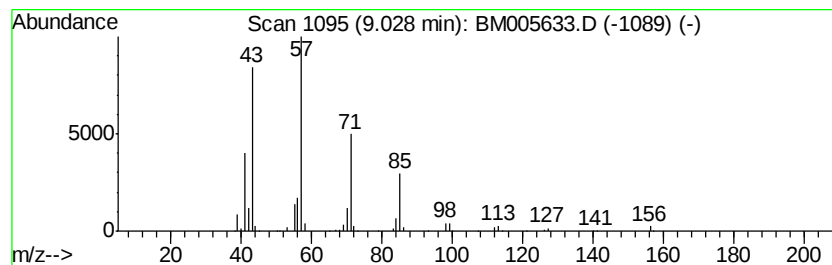
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	42.59 ng/ul	2447310	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	86
2		Tridecane	184	C13H28	000629-50-5	83
3		Tetradecane	198	C14H30	000629-59-4	83
4		Eicosane	282	C20H42	000112-95-8	83
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
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Acq On : 24 May 2016 06:07
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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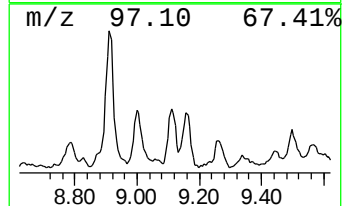
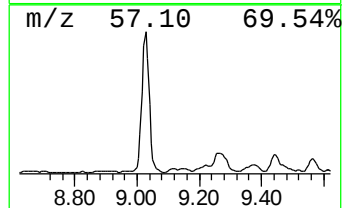
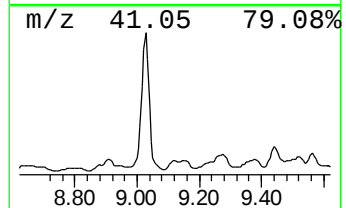
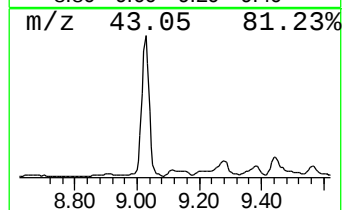
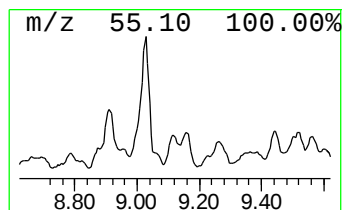
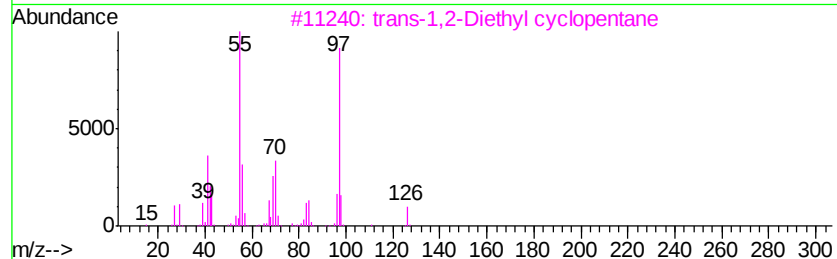
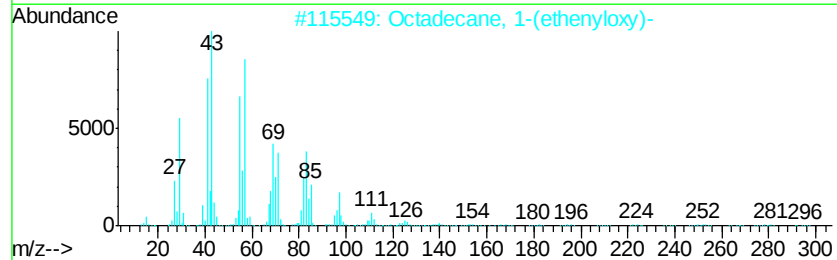
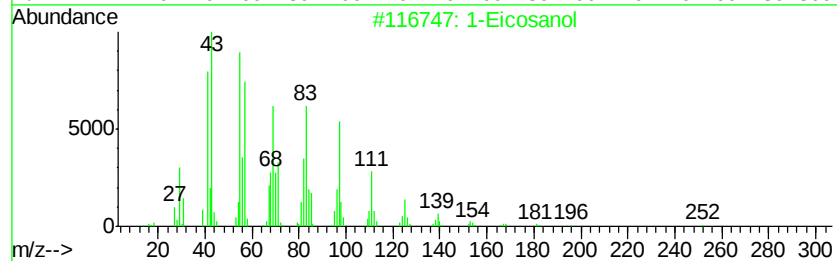
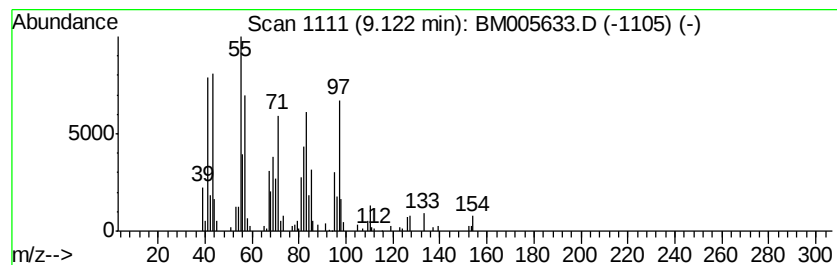
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1-Eicosanol Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	3.90 ng/ul	223874	1,4-Dichlorobenzene-d4	7.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Eicosanol	298	C20H42O	000629-96-9	52
2			Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	50
3			trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	43
4			1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	27
5			7-Oxabicyclo[4.1.0]heptan-2-one,...	126	C7H10O2	021889-89-4	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGG9RE

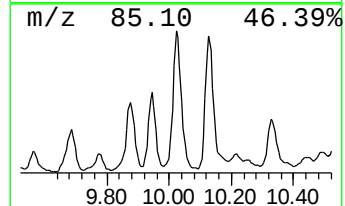
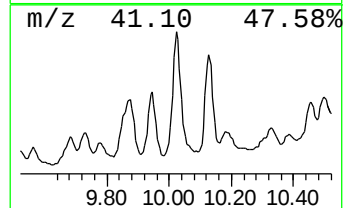
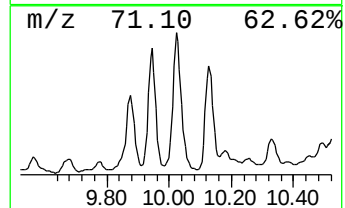
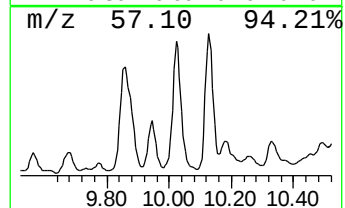
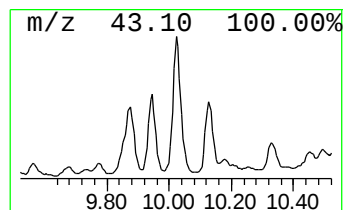
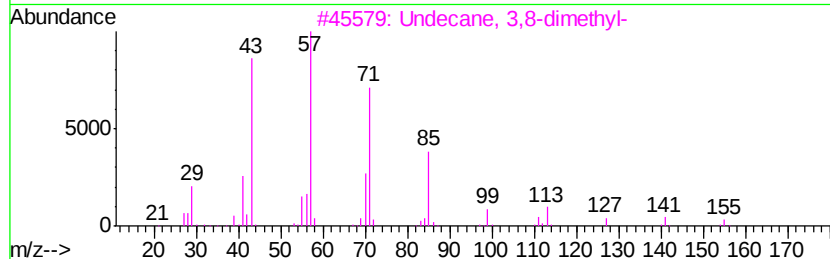
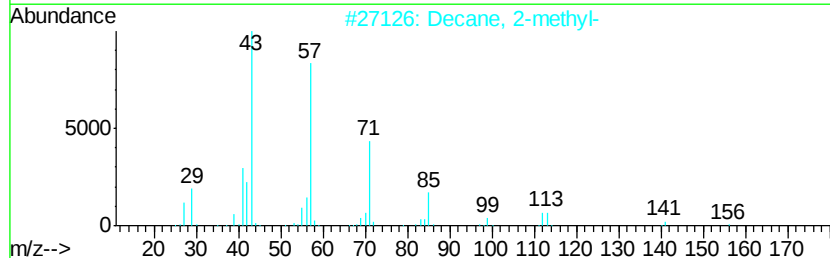
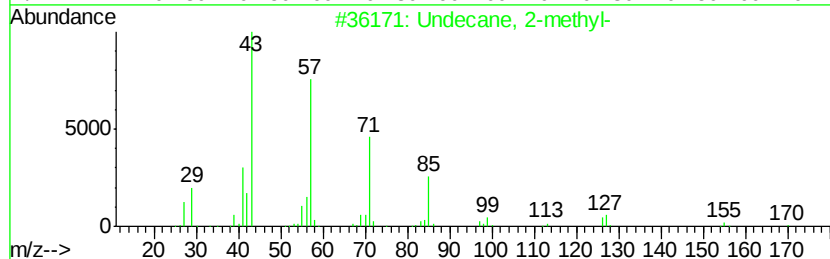
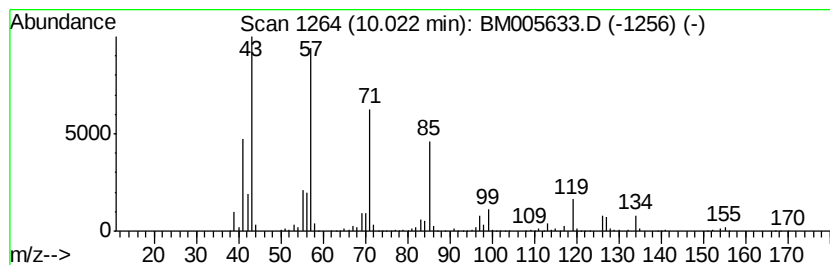
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	3.48 ng/ul	2544480	Napthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	93
2		Decane, 2-methyl-	156	C11H24	006975-98-0	64
3		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	59
4		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
5		Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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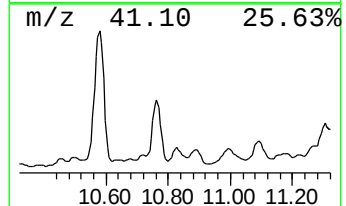
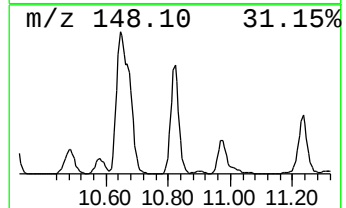
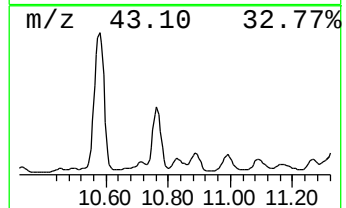
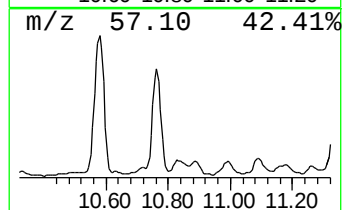
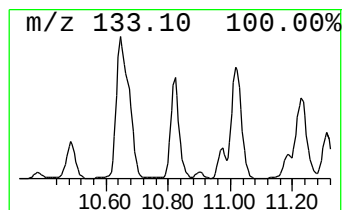
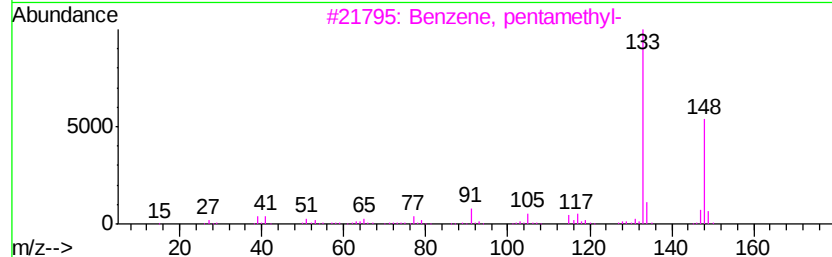
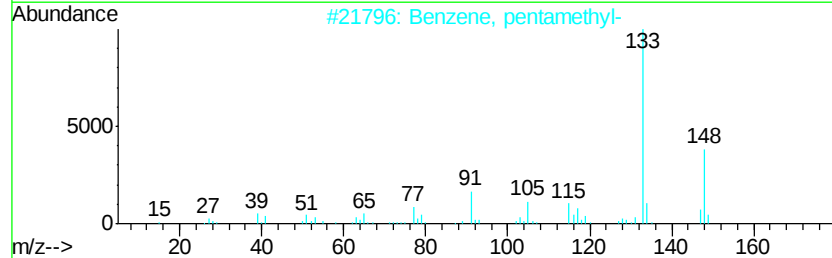
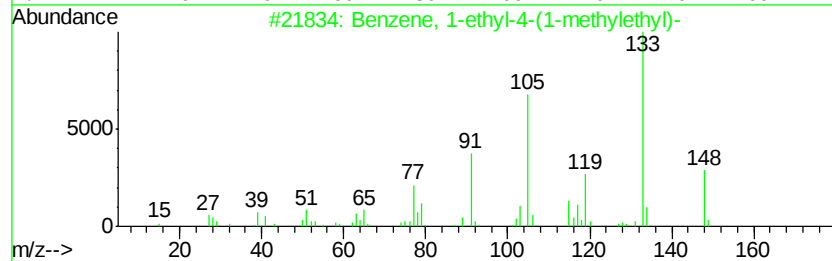
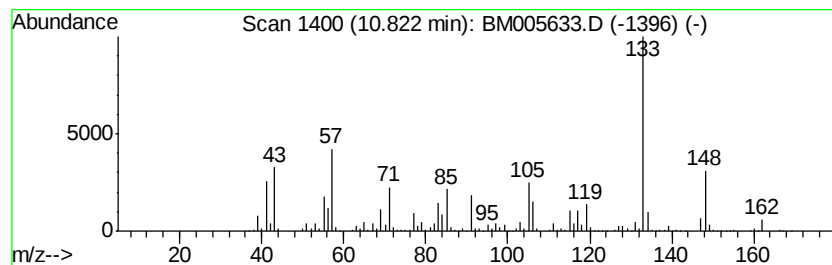
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 1-ethyl-4-(1-methylethyl)- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.77 ng/ul	2023230	Naphthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	93
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	91
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	83
4		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	83
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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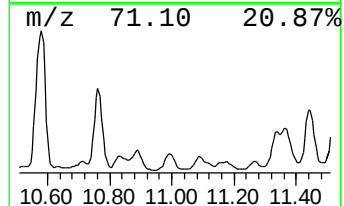
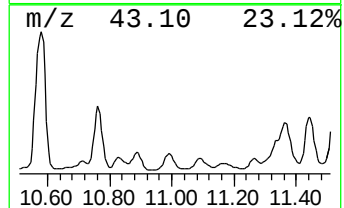
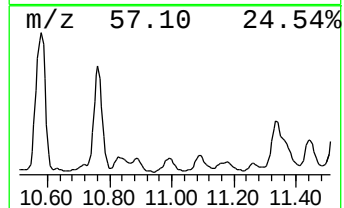
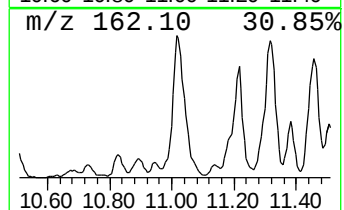
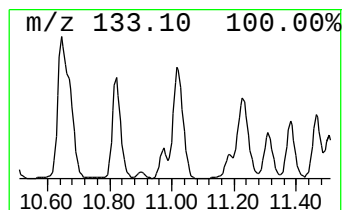
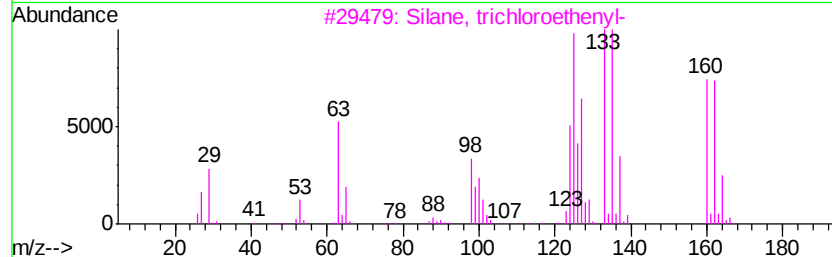
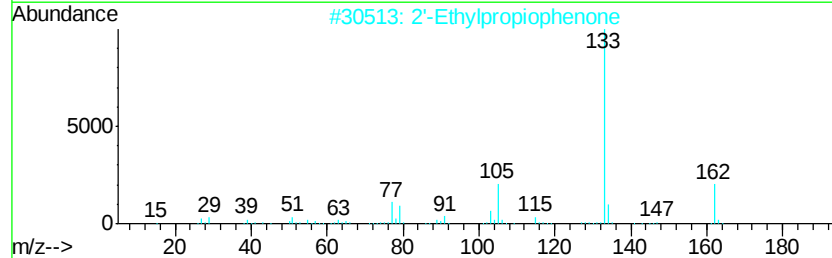
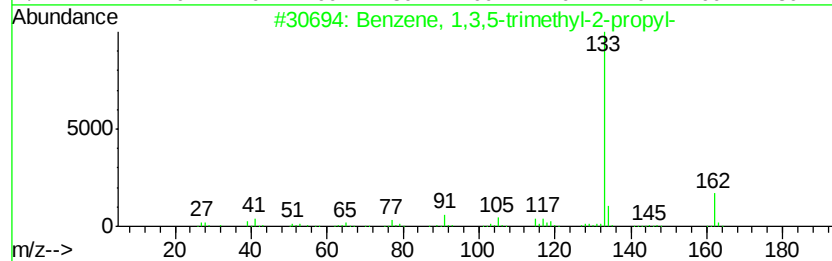
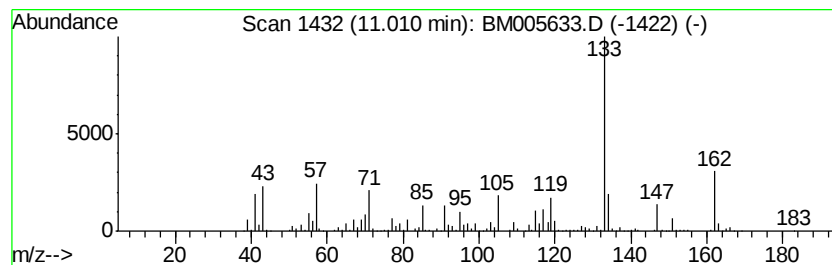
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	4.73 ng/ul	3459370	Naphthalene-d8	10.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	64
2			2'-Ethylpropiophenone	162	C11H14O	016819-79-7	47
3			Silane, trichloroethenyl-	160	C2H3Cl3Si	000075-94-5	46
4			Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	43
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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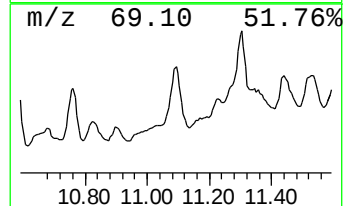
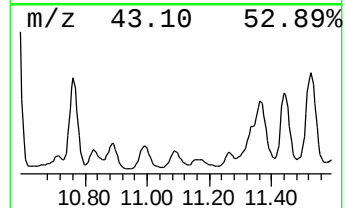
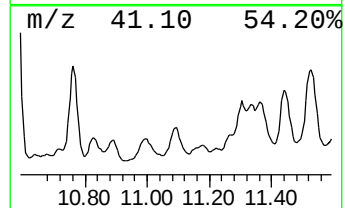
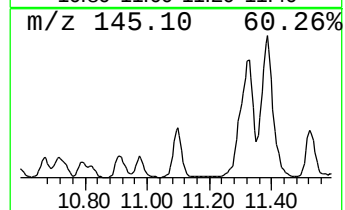
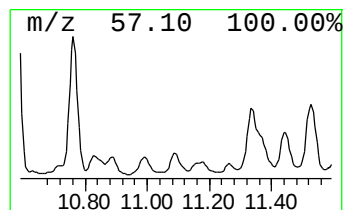
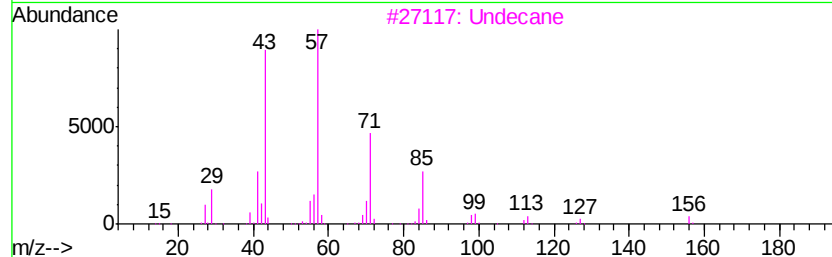
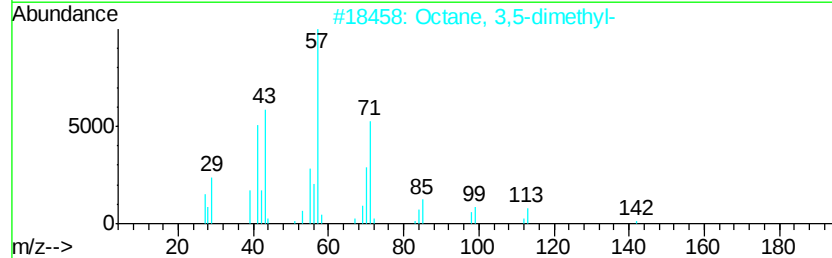
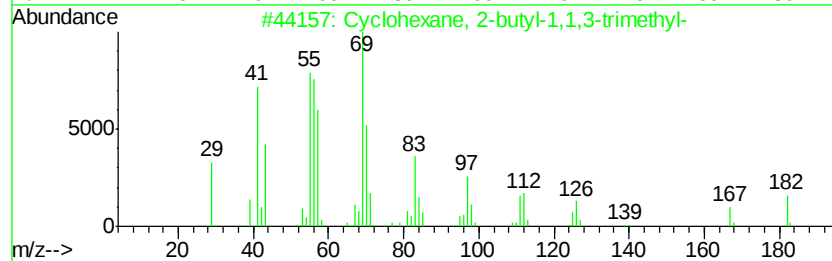
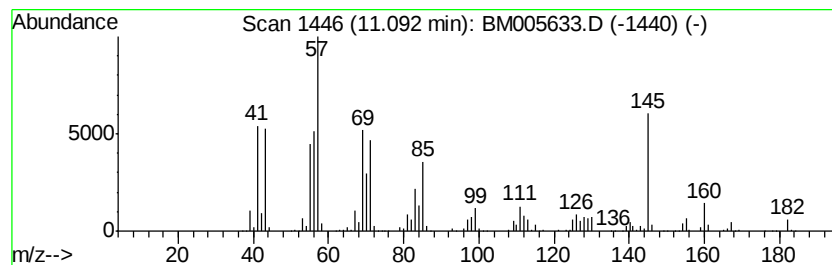
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Cyclic11.09 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	2.89 ng/ul	2114690	Napthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	60
2		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	41
3		Undecane	156	C11H24	001120-21-4	41
4		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	38
5		Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
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Misc :
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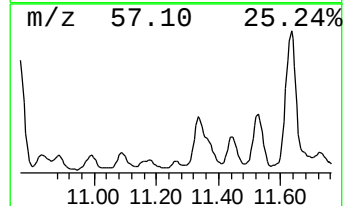
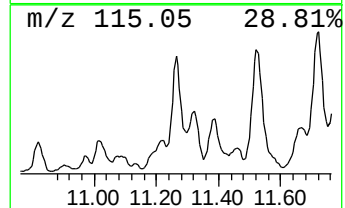
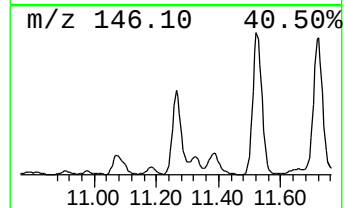
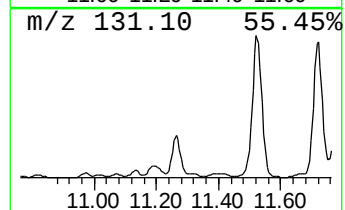
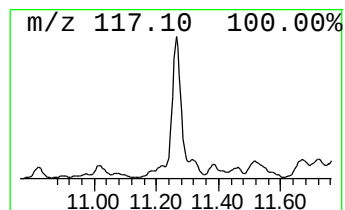
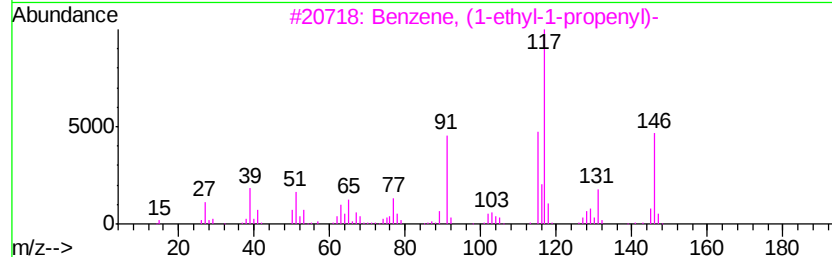
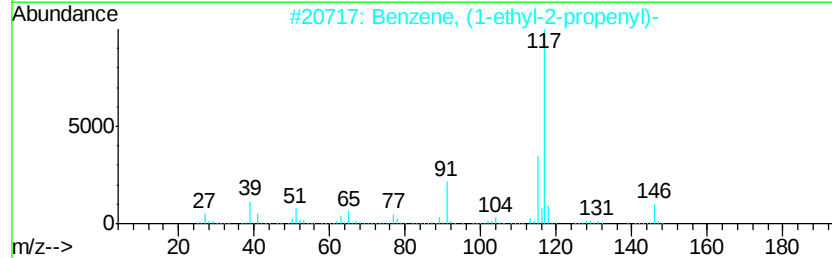
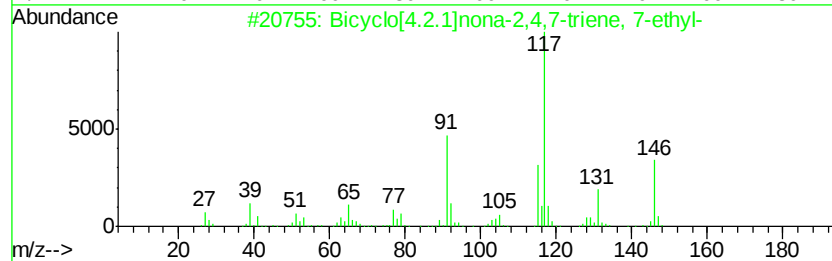
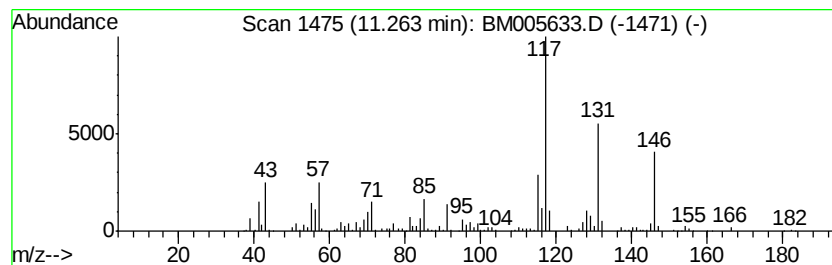
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Bicyclo[4.2.1]nona-2,4,7-tr... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	2.84 ng/ul	2075740	Naphthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	64
2		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	53
3		Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	47
4		Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	47
5		trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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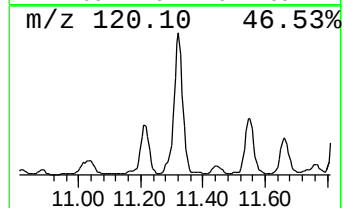
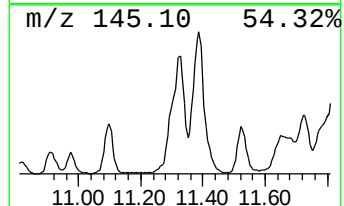
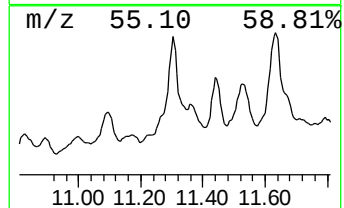
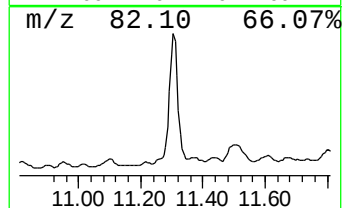
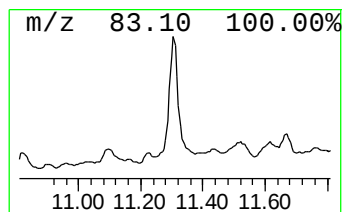
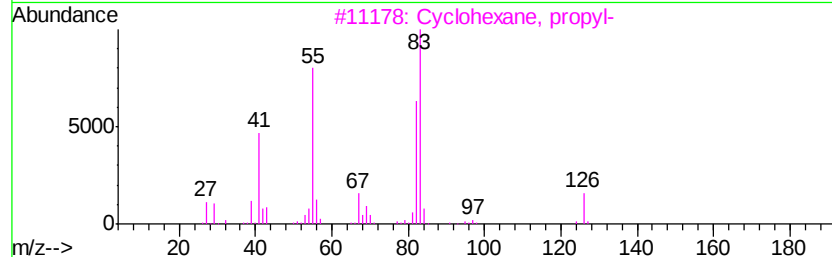
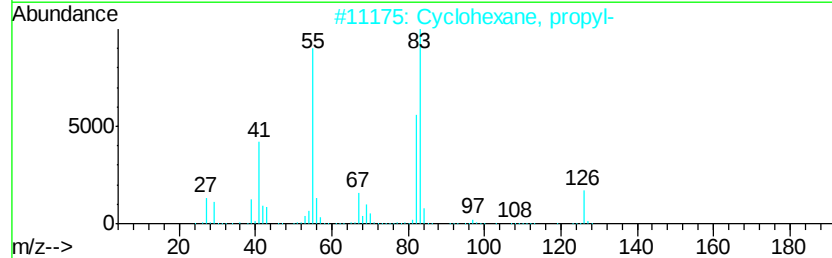
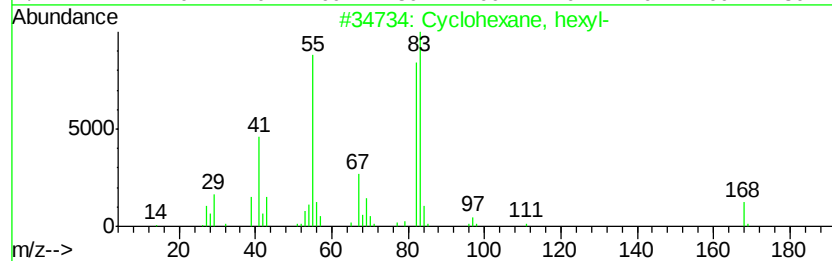
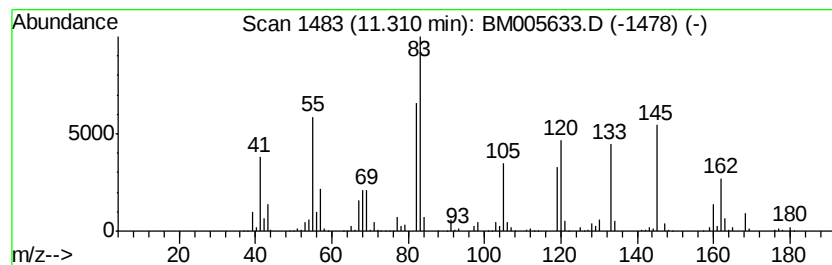
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic11.31 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	2.38 ng/ul	1744070	Napthalene-d8	10.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	25
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	22
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	22
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	22
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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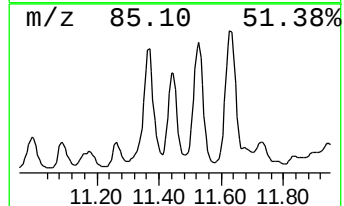
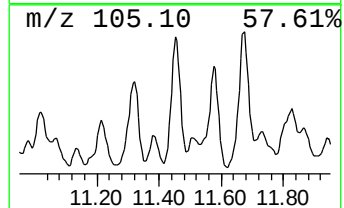
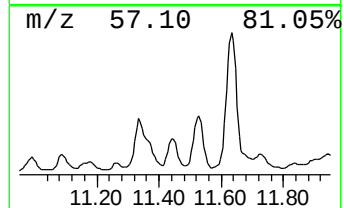
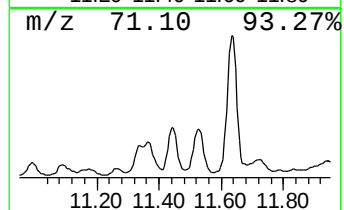
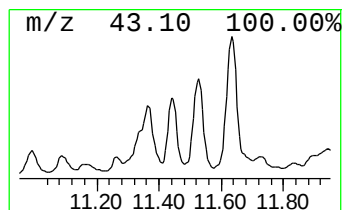
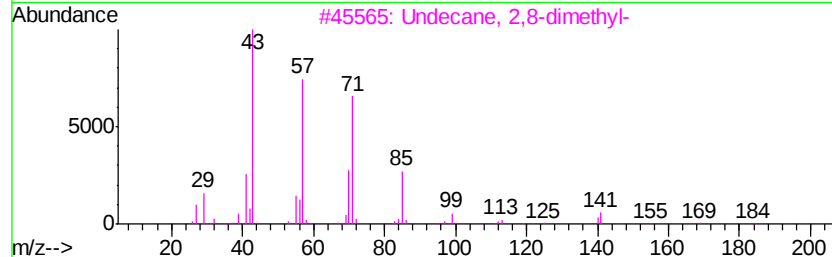
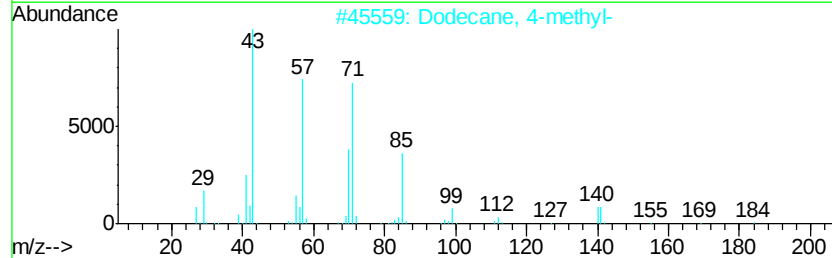
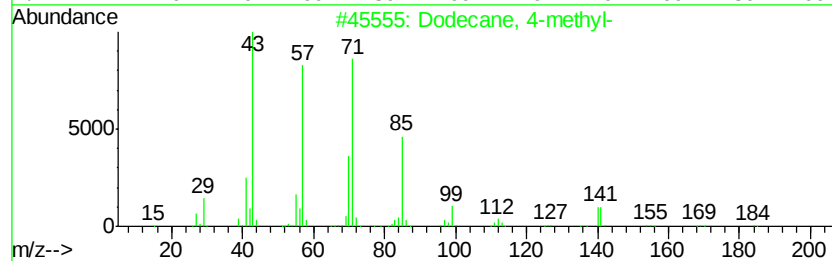
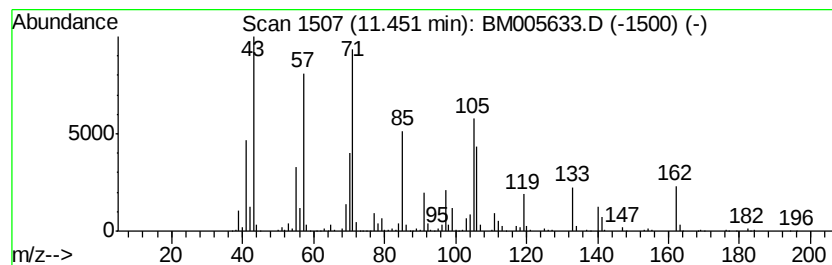
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	5.68 ng/ul	4155850	Napthalene-d8	10.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	95
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	60
3			Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	47
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
5			Decane, 5-propyl-	184	C13H28	017312-62-8	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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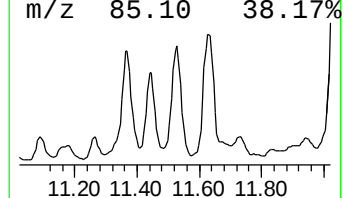
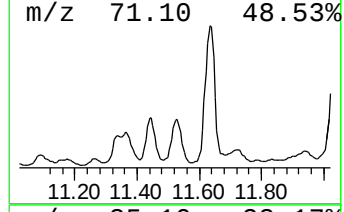
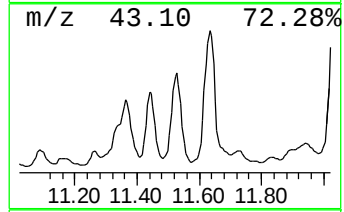
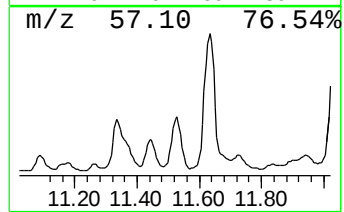
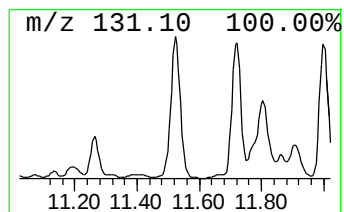
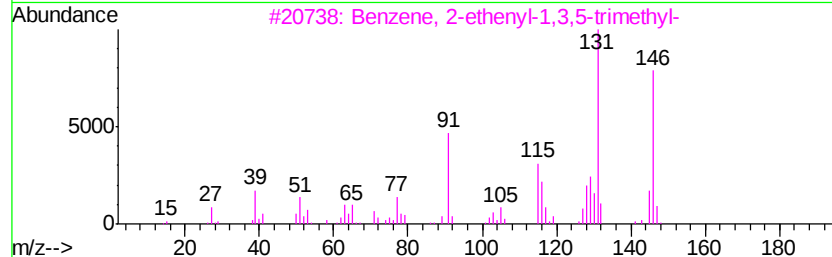
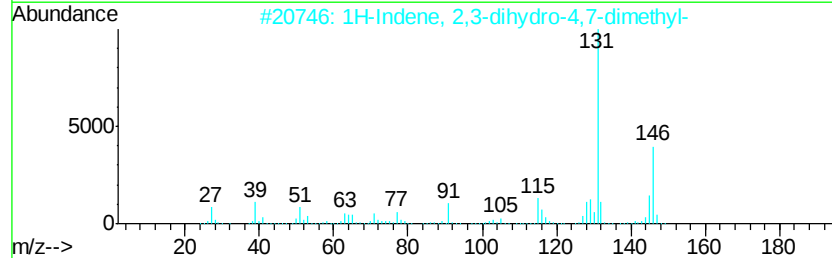
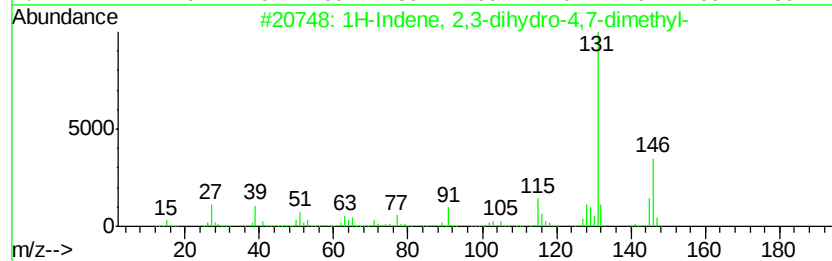
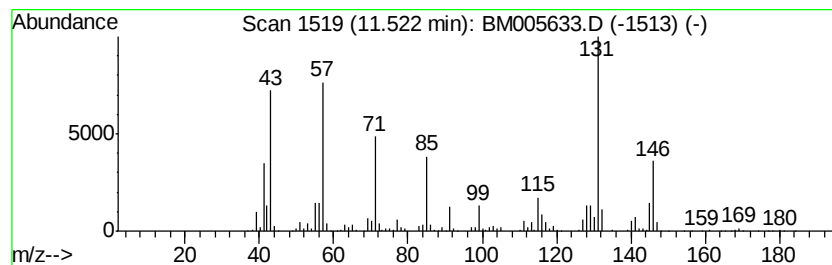
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	11.22 ng/ul	8208670	Naphthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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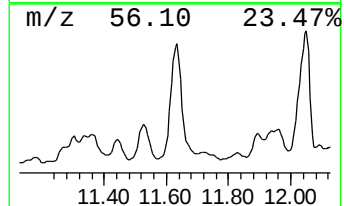
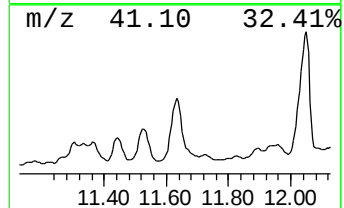
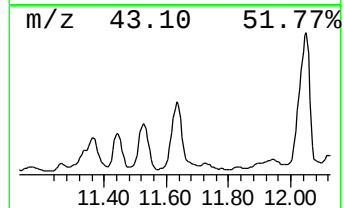
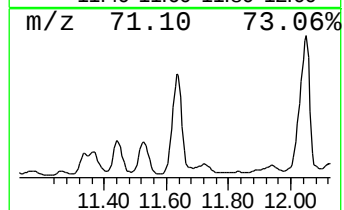
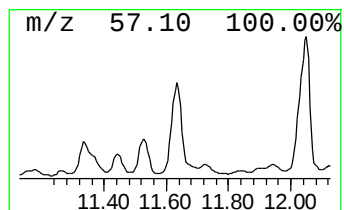
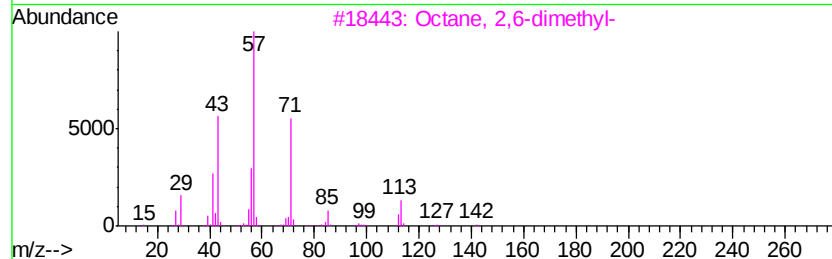
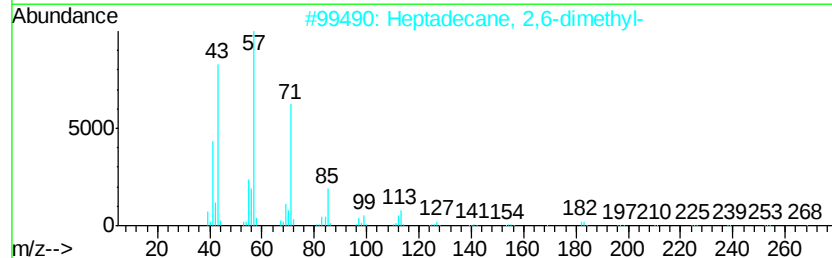
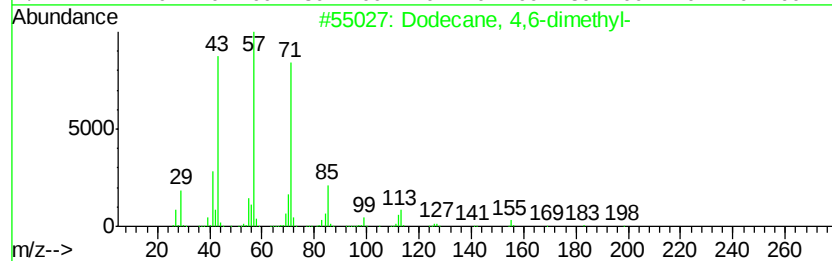
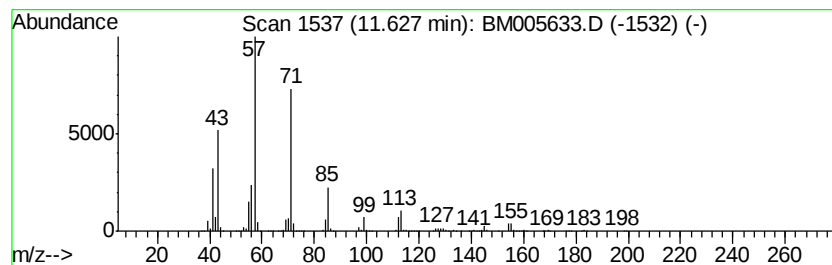
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	16.65 ng/ul	12186500	Napthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	91
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
4		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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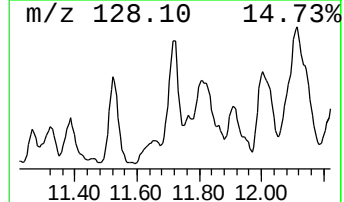
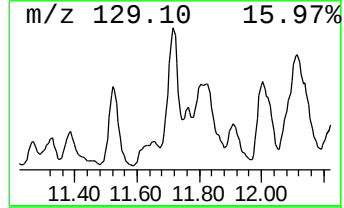
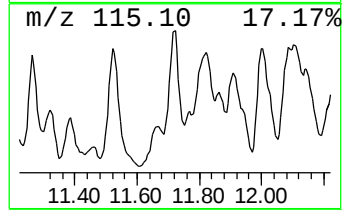
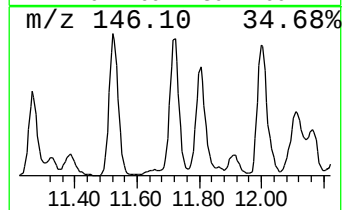
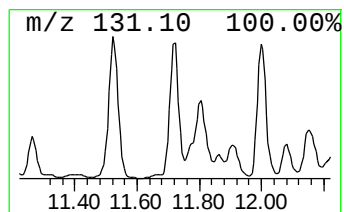
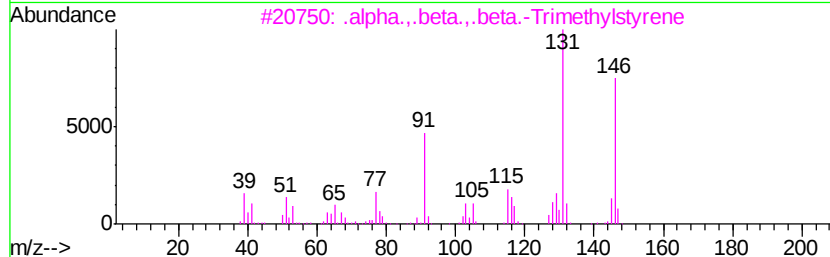
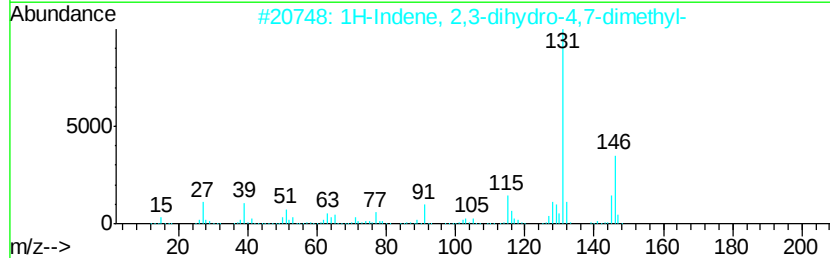
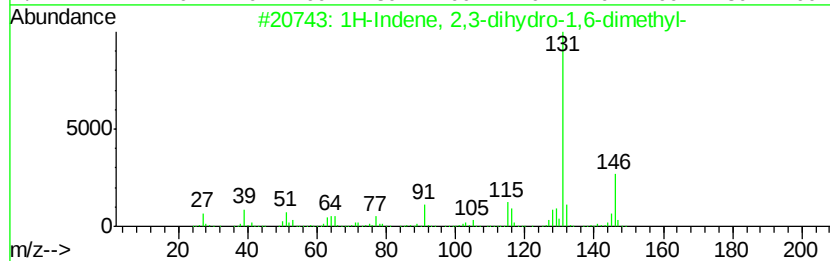
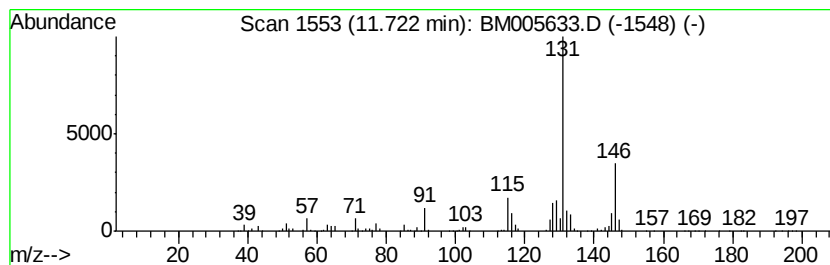
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	4.51 ng/ul	3303350	Napthalene-d8	10.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3			.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	91
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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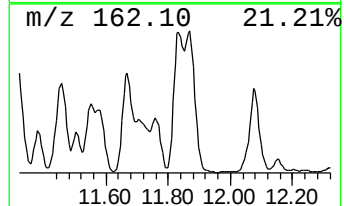
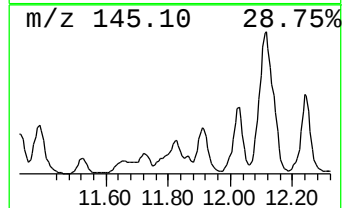
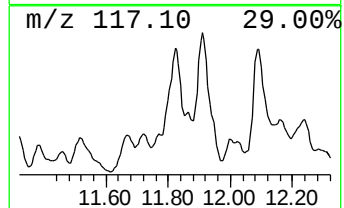
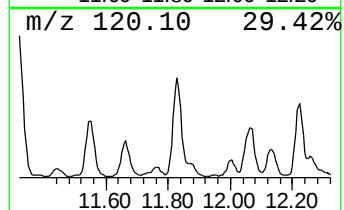
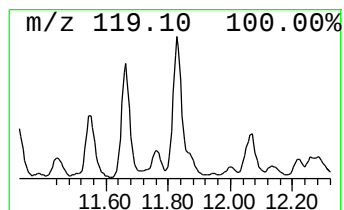
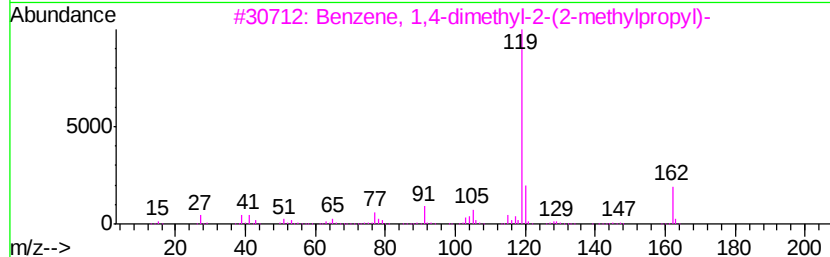
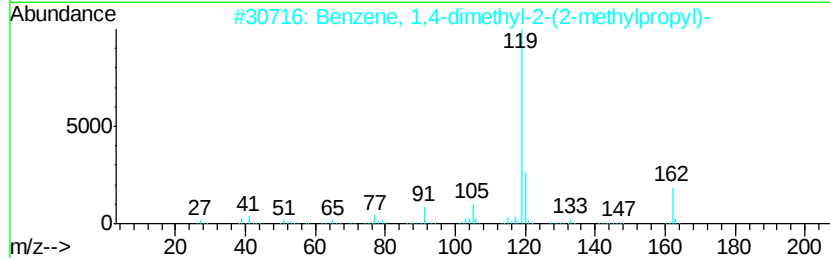
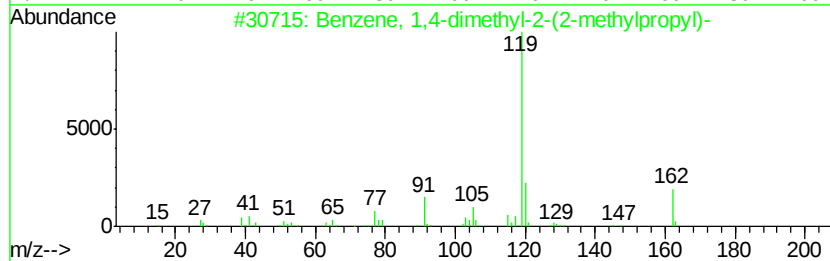
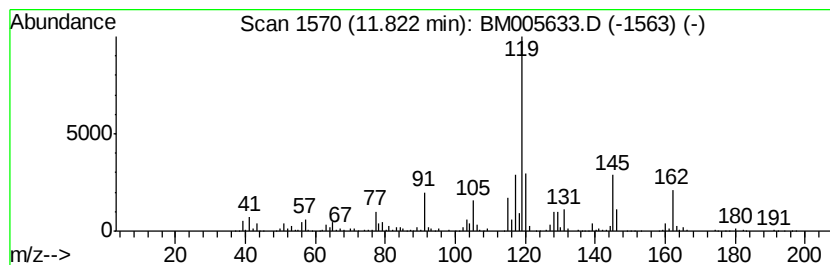
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	4.90 ng/ul	3585940	Napthalene-d8	10.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	53
2			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	49
3			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	49
4			1,7,7-Trimethyl-2-vinylbicyclo[2...	162	C12H18	130930-56-2	43
5			Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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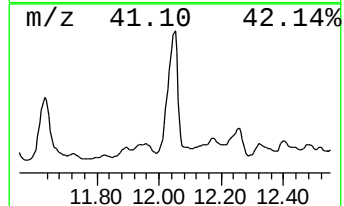
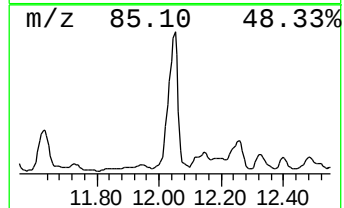
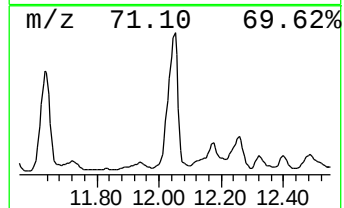
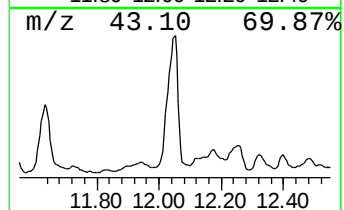
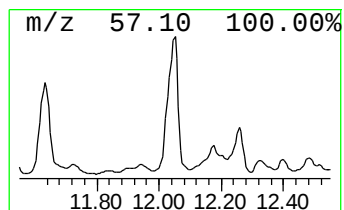
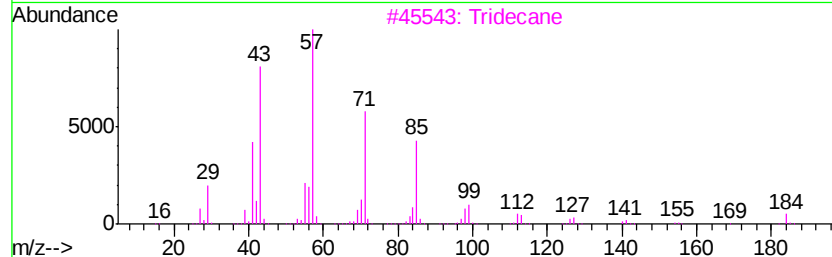
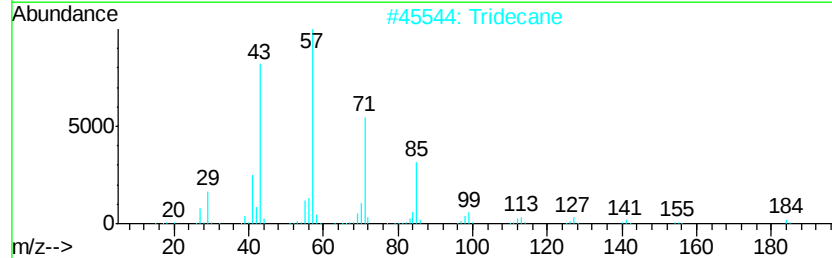
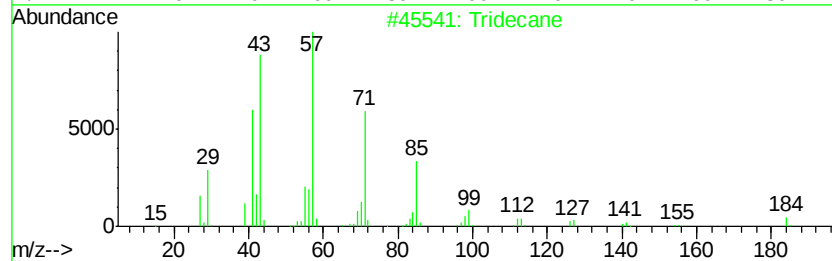
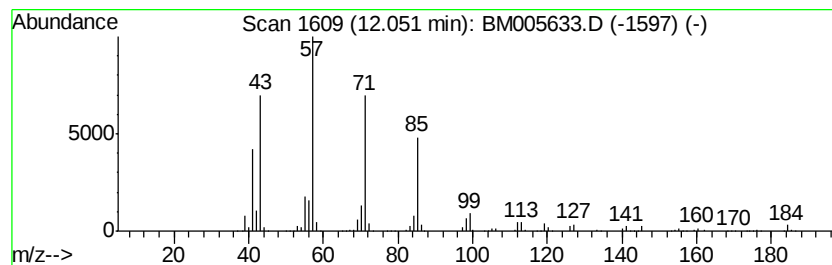
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	27.94 ng/ul	20443900	Napthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	96
2		Tridecane	184	C13H28	000629-50-5	95
3		Tridecane	184	C13H28	000629-50-5	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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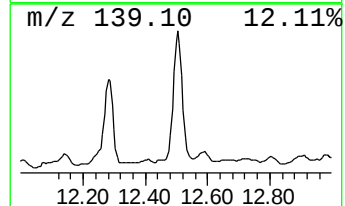
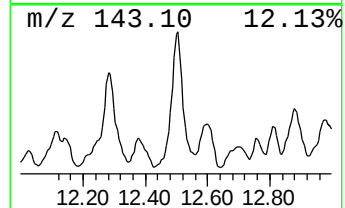
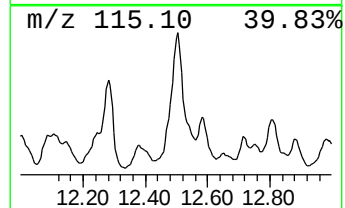
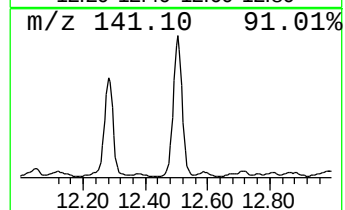
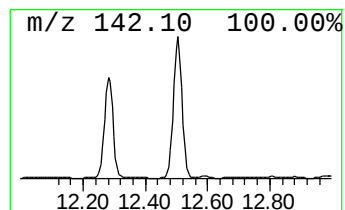
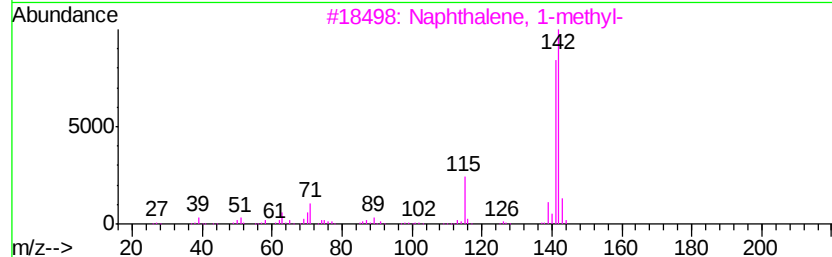
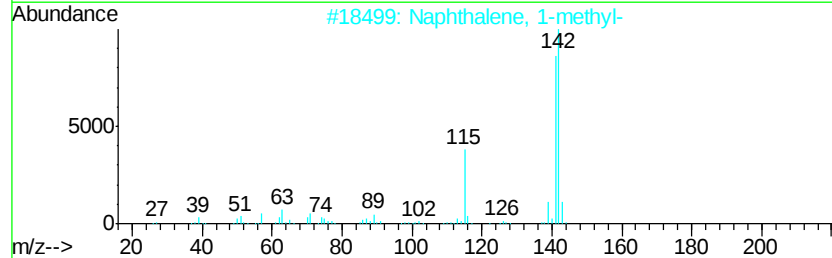
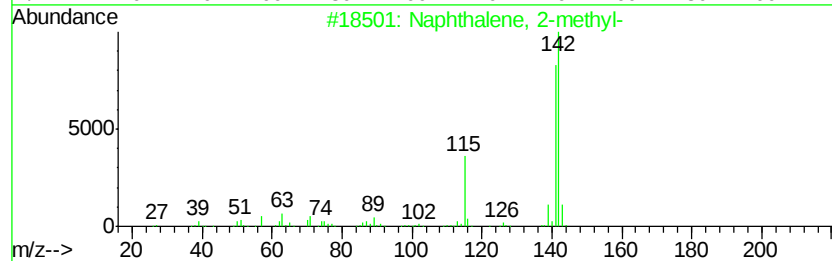
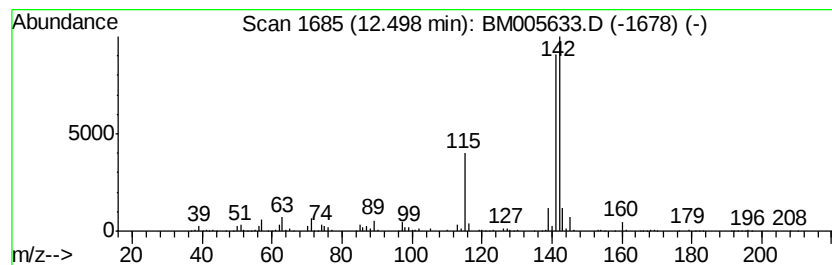
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Naphthalene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	11.10 ng/ul	8122270	Naphthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

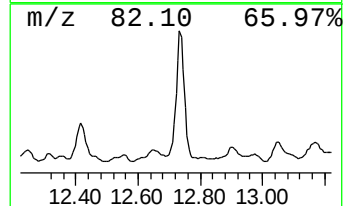
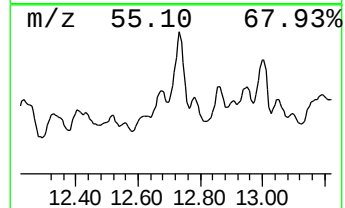
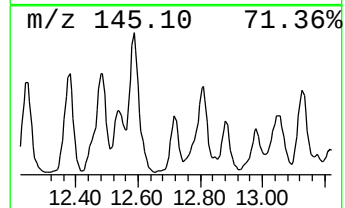
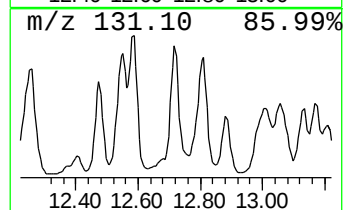
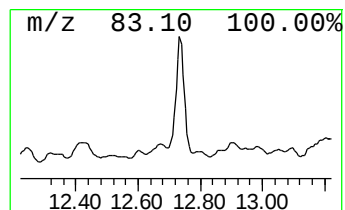
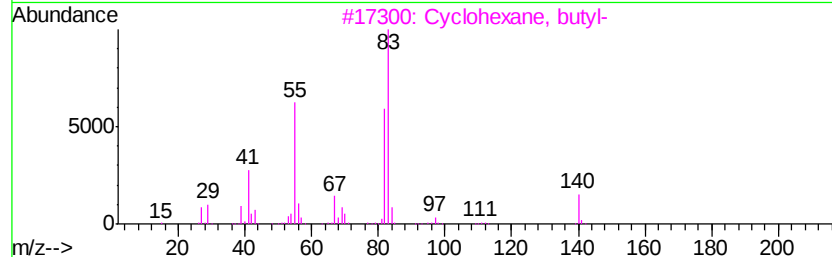
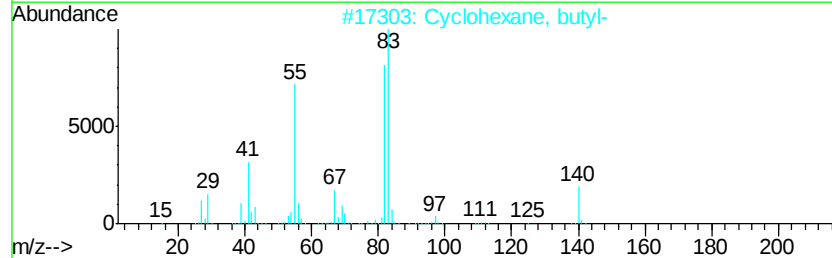
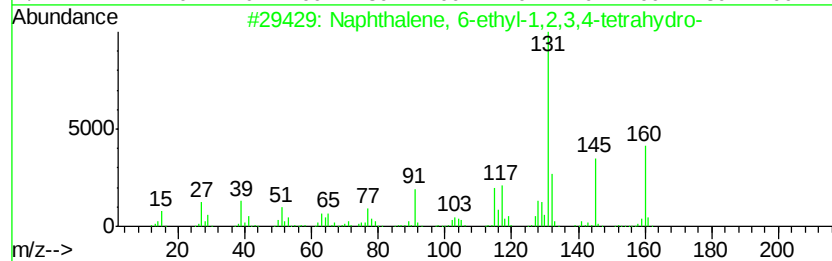
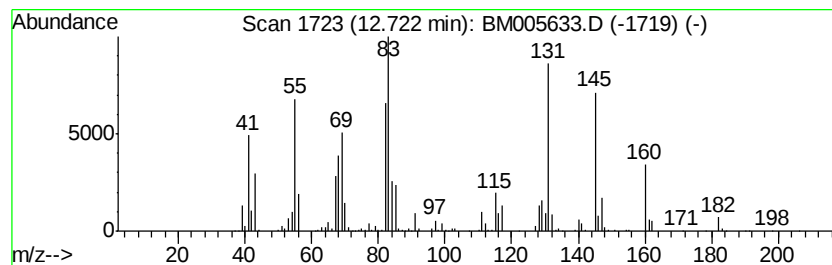
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	5.43 ng/ul	4025430	Acenaphthene-d10	14.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 6-ethyl-1,2,3,4-tet...	160 C12H16	022531-20-0 25
2		Cyclohexane, butyl-	140 C10H20	001678-93-9 22
3		Cyclohexane, butyl-	140 C10H20	001678-93-9 22
4		Cyclohexane, 1,1'-(1,4-butanedi...	222 C16H30	006165-44-2 22
5		Heptylcyclohexane	182 C13H26	005617-41-4 22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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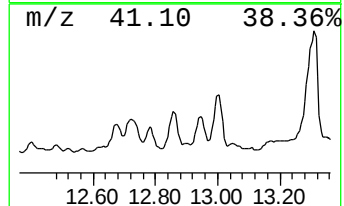
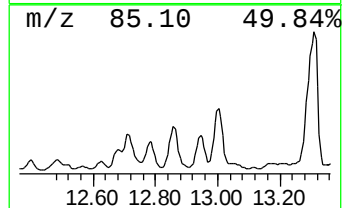
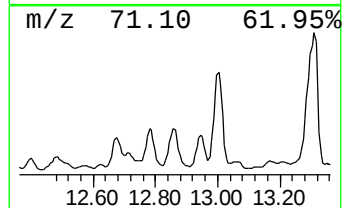
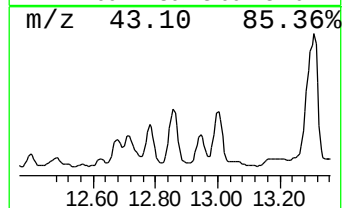
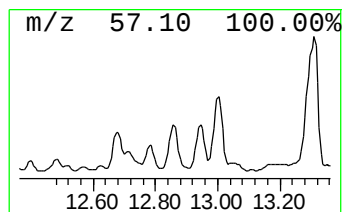
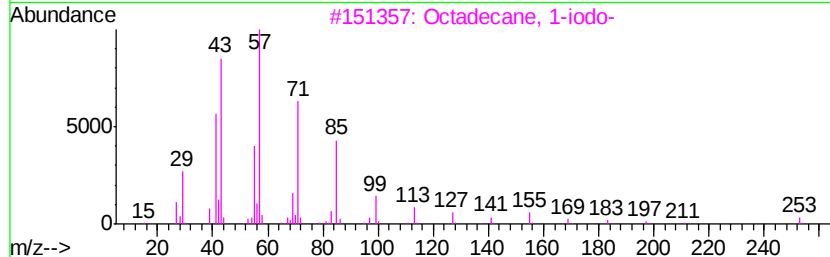
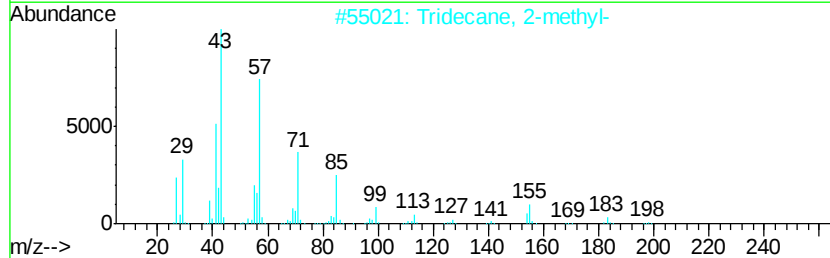
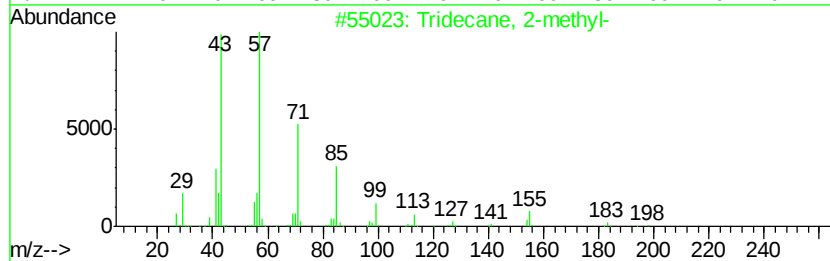
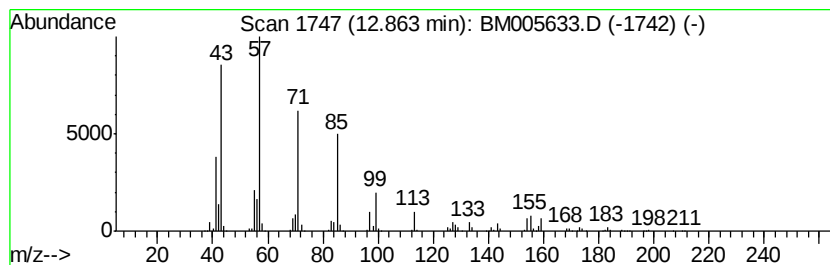
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	9.11 ng/ul	6753550	Acenaphthene-d10	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	95
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
3			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
4			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
5			Tridecane	184	C13H28	000629-50-5	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

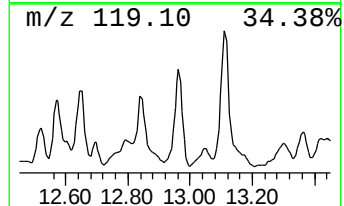
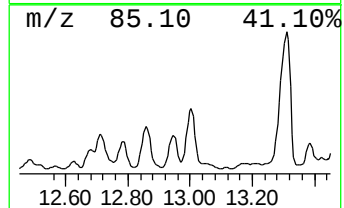
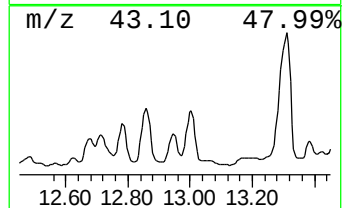
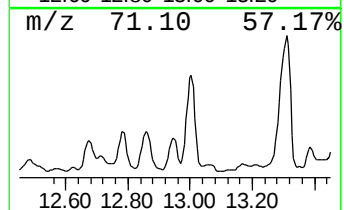
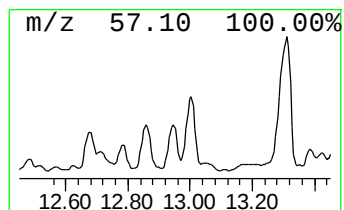
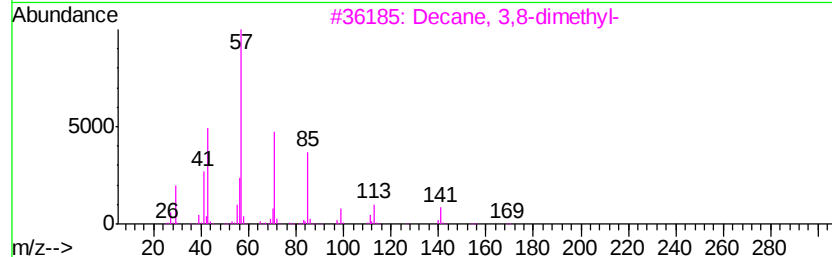
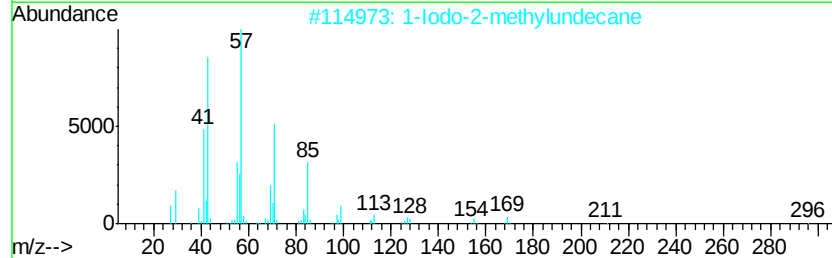
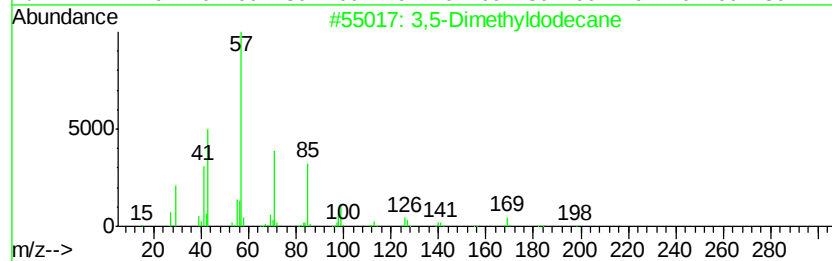
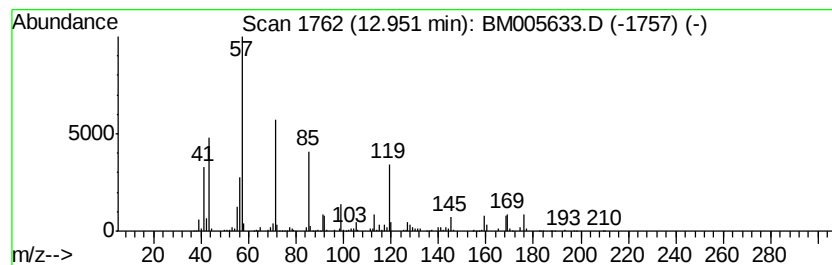
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.95	6.00 ng/ul	4446640	Acenaphthene-d10	14.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	76
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	58
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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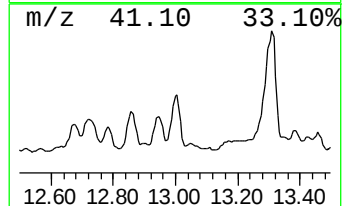
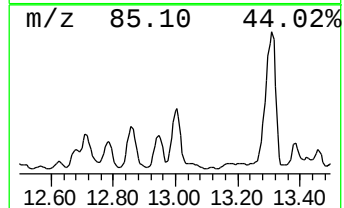
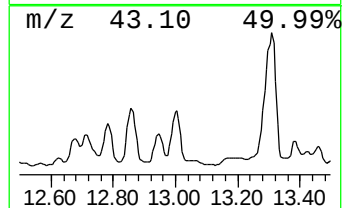
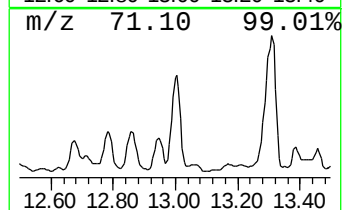
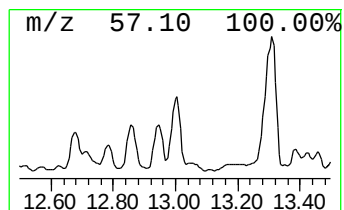
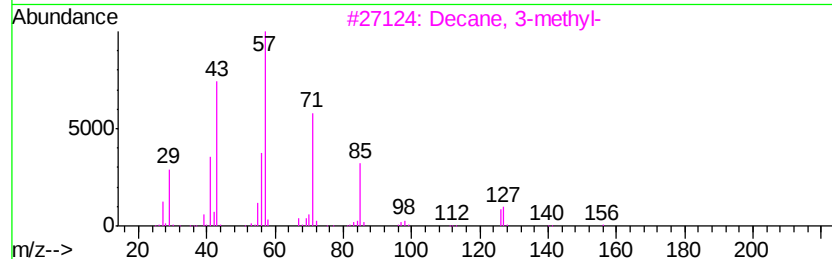
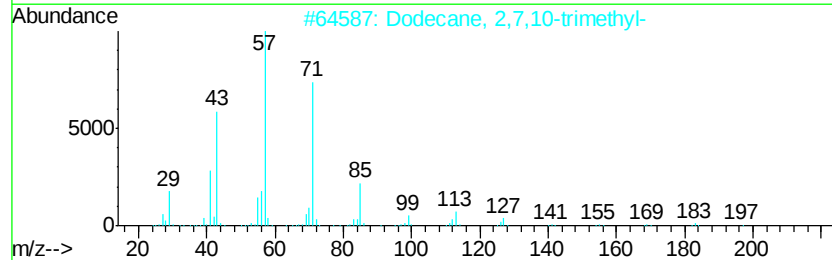
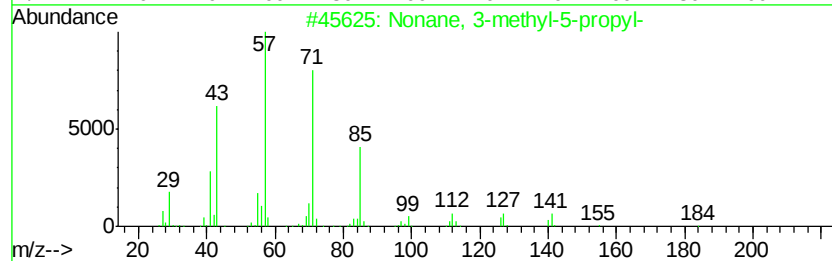
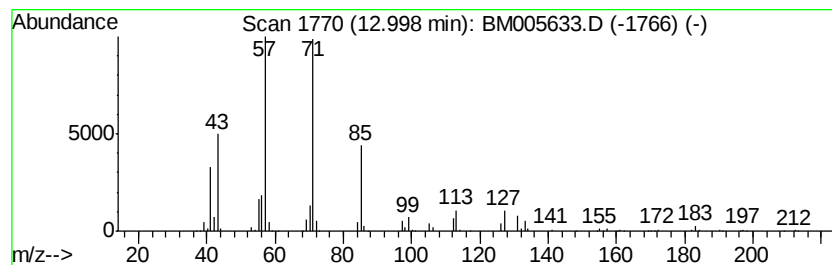
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	10.65 ng/ul	7896250	Acenaphthene-d10	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	80
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3		Decane, 3-methyl-	156	C11H24	013151-34-3	64
4		Decane, 5-propyl-	184	C13H28	017312-62-8	59
5		Decane, 3-methyl-	156	C11H24	013151-34-3	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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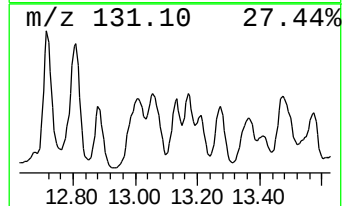
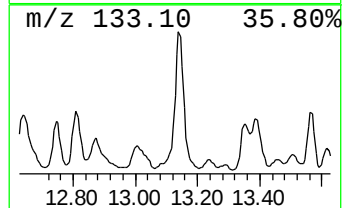
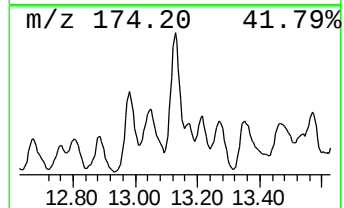
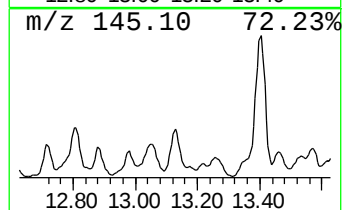
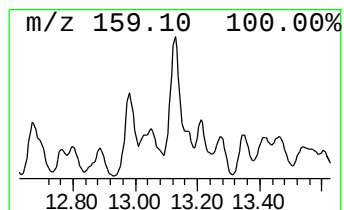
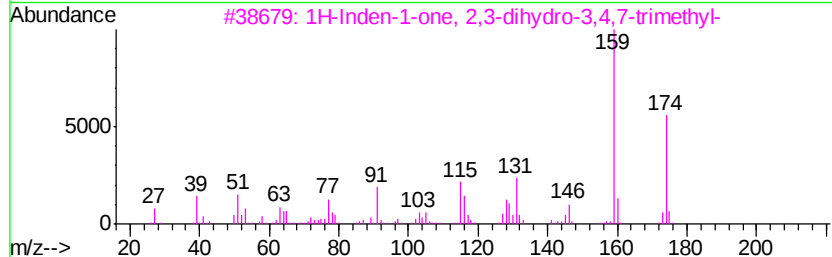
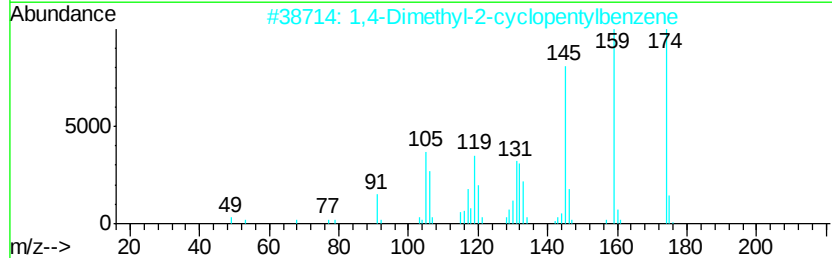
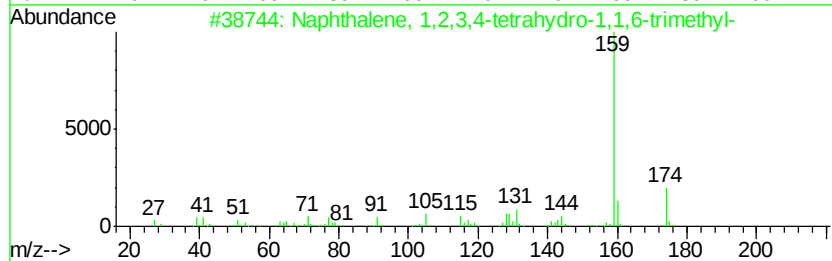
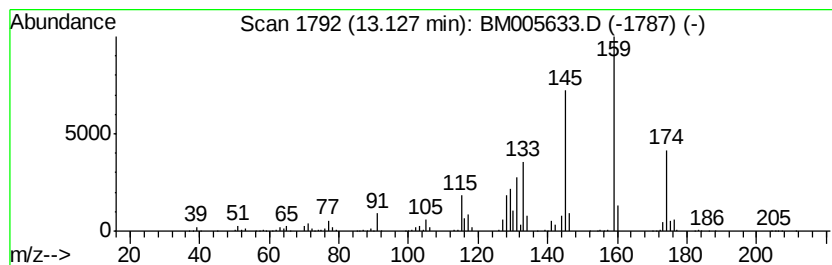
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Naphthalene, 1,2,3,4-tetra... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	5.04 ng/ul	3738700	Acenaphthene-d10	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	86
2		1,4-Dimethyl-2-cyclopentylbenzene	174	C13H18	062379-92-4	72
3		1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	70
4		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	64
5		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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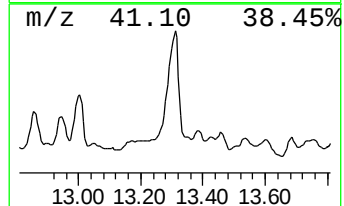
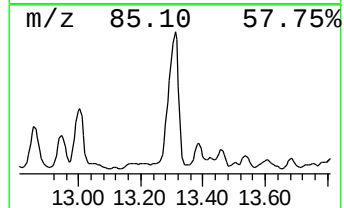
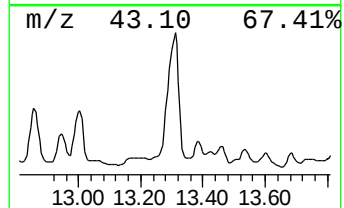
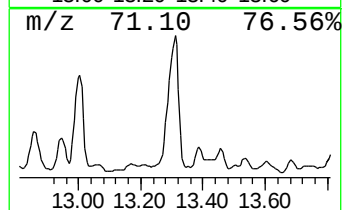
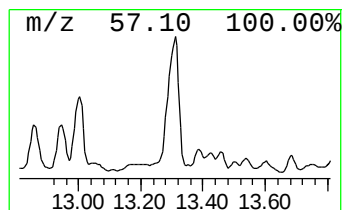
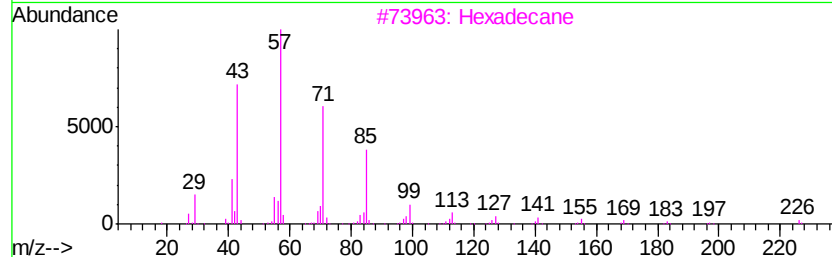
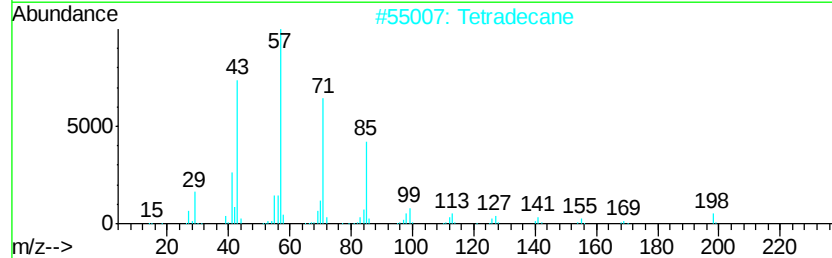
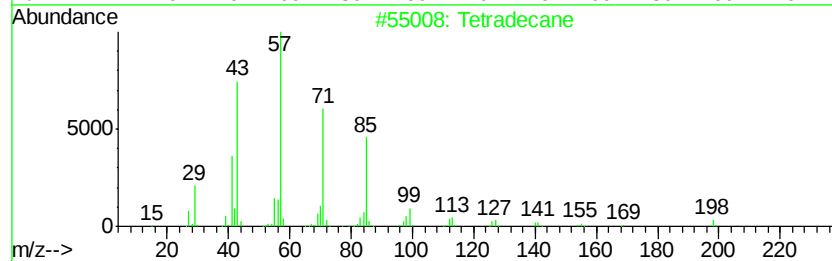
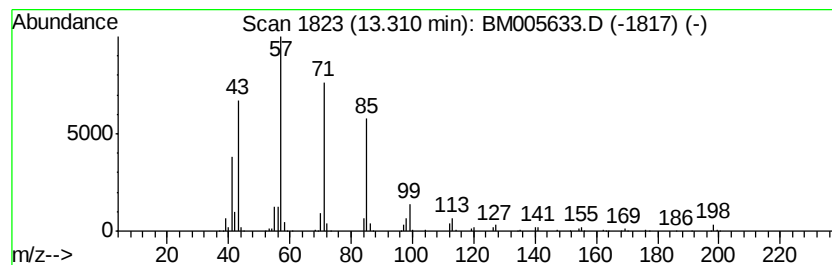
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	18.48 ng/ul	13706300	Acenaphthene-d10	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	98
2		Tetradecane	198	C14H30	000629-59-4	87
3		Hexadecane	226	C16H34	000544-76-3	83
4		Pentadecane	212	C15H32	000629-62-9	64
5		Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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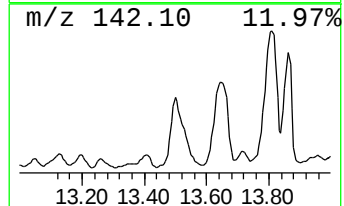
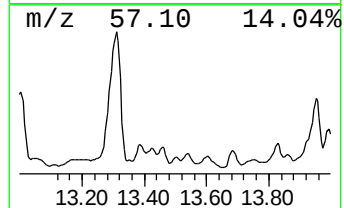
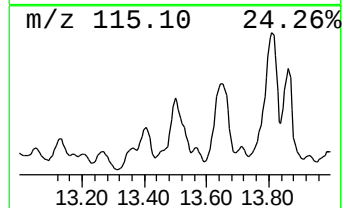
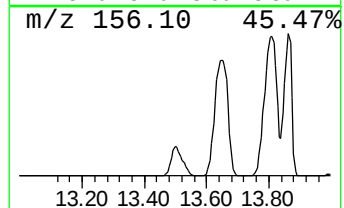
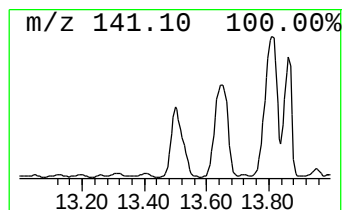
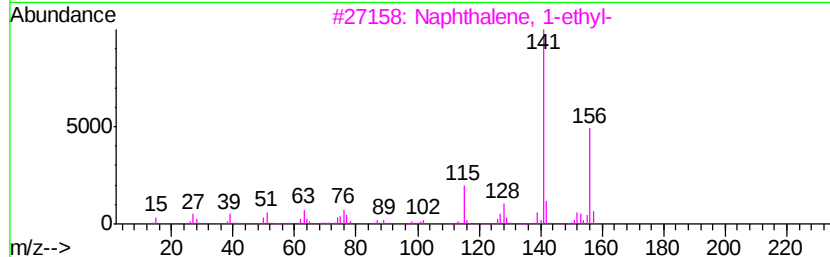
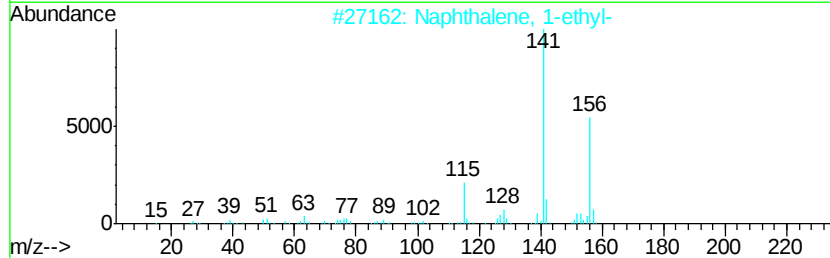
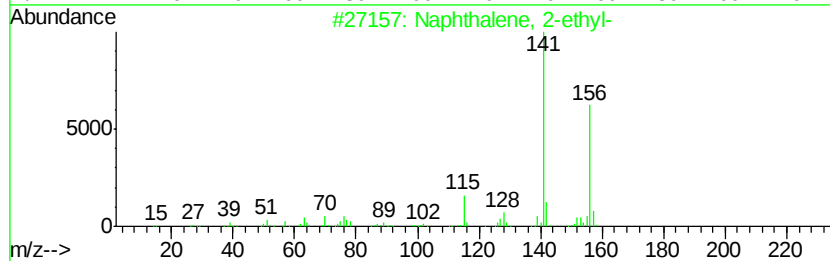
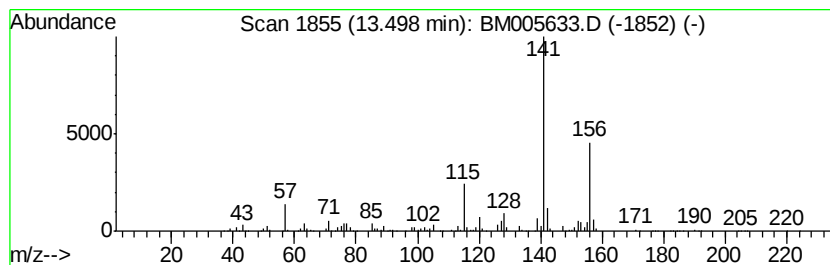
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Naphthalene, 2-ethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	3.75 ng/ul	2777420	Acenaphthene-d10	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGG9RE

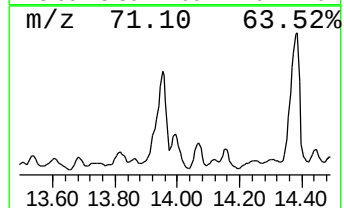
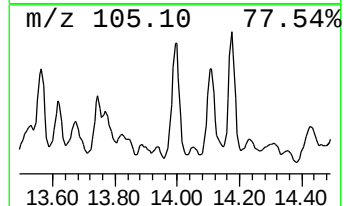
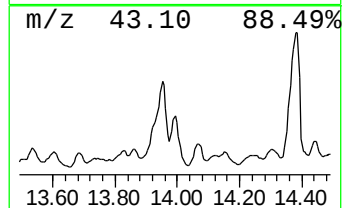
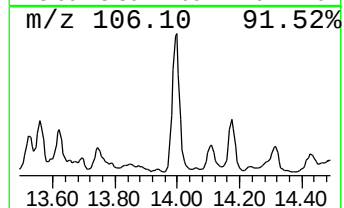
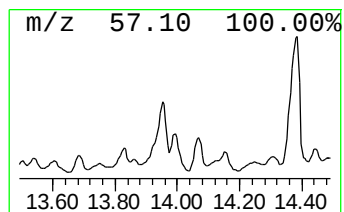
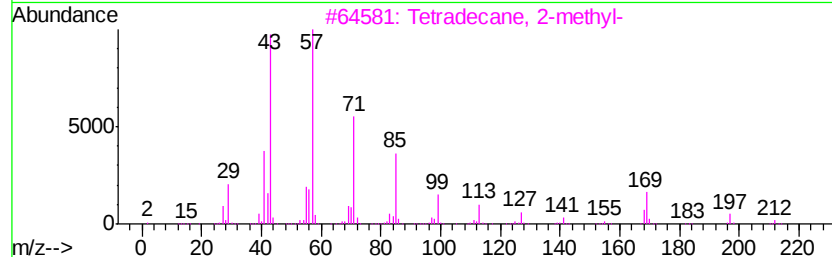
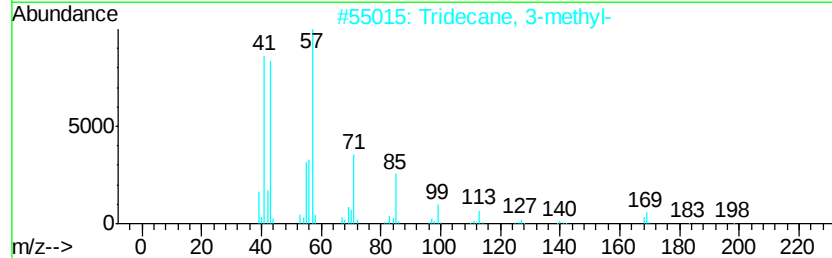
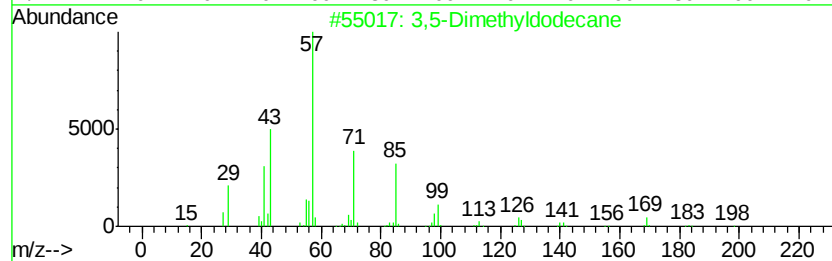
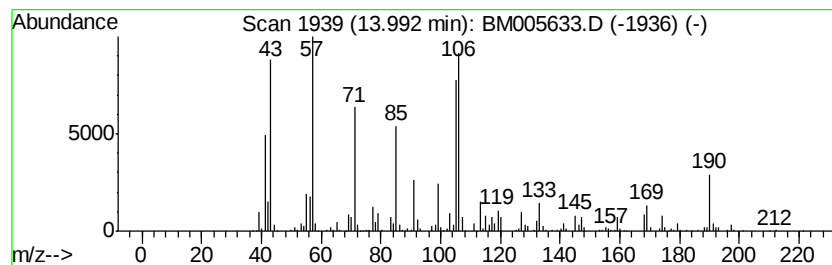
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	4.47 ng/ul	3317120	Acenaphthene-d10	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	50
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	45
3		Tetradecane, 2-methyl-	212	C15H32	001560-95-8	38
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	35
5		2,6-Dimethyldecane	170	C12H26	013150-81-7	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGG9RE

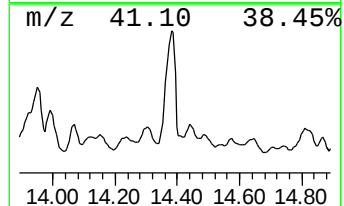
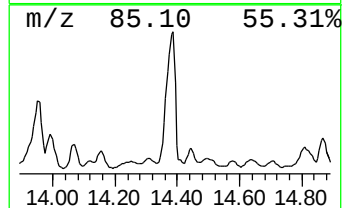
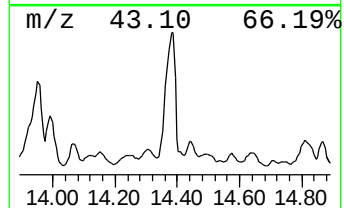
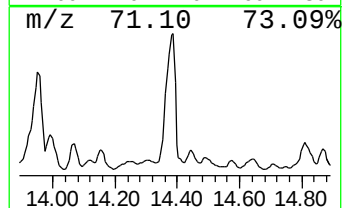
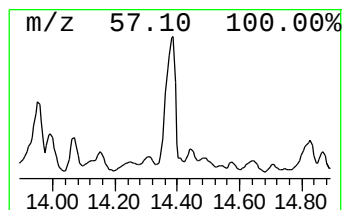
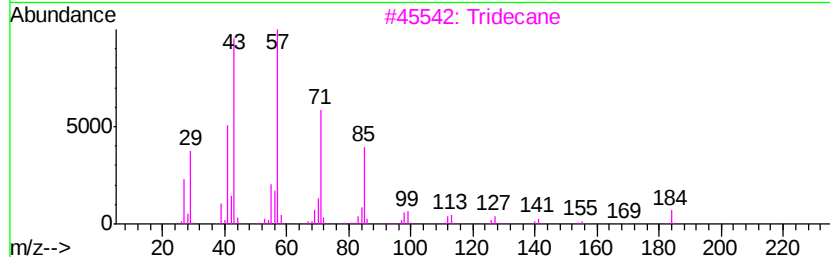
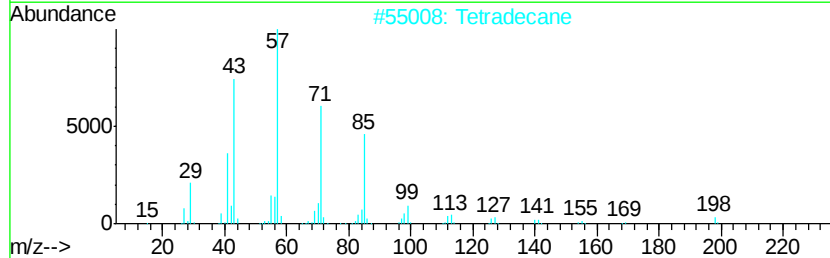
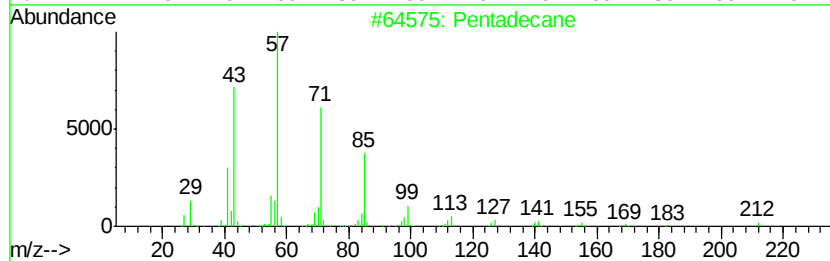
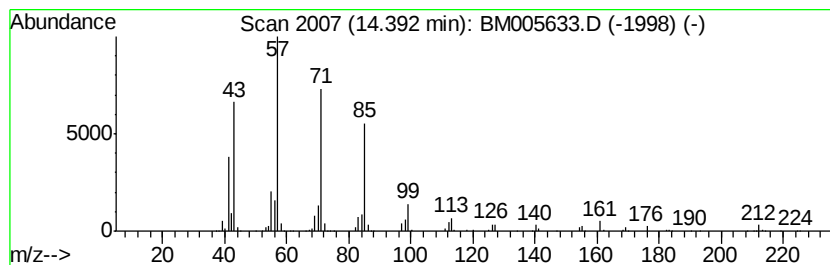
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	20.00 ng/ul	14831000	Acenaphthene-d10	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	96
2		Tetradecane	198	C14H30	000629-59-4	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGG9RE

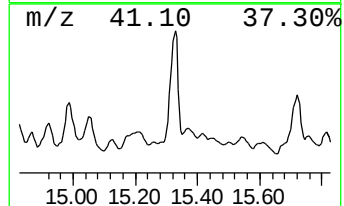
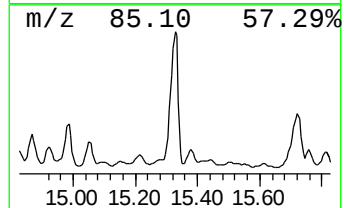
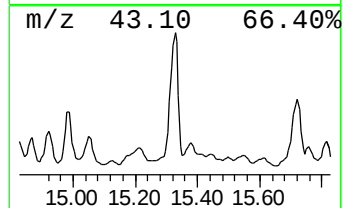
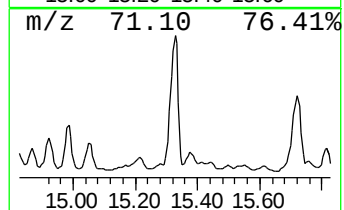
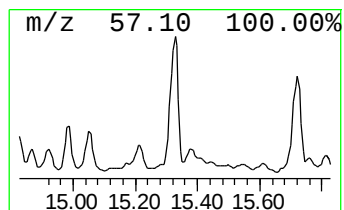
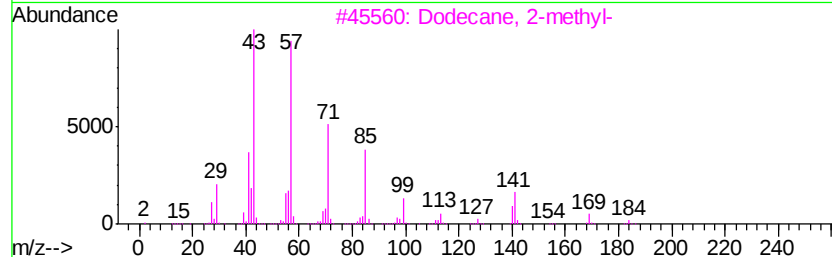
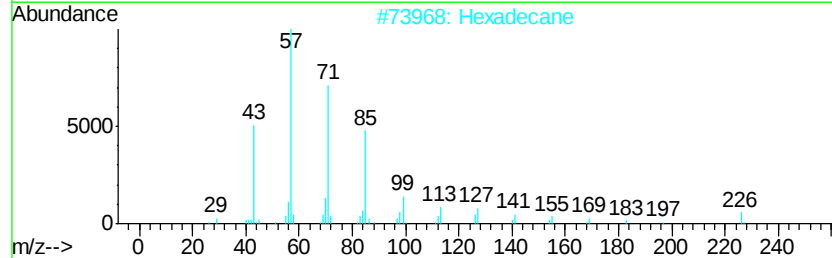
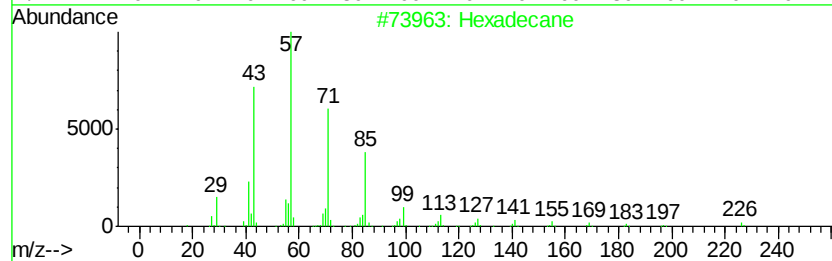
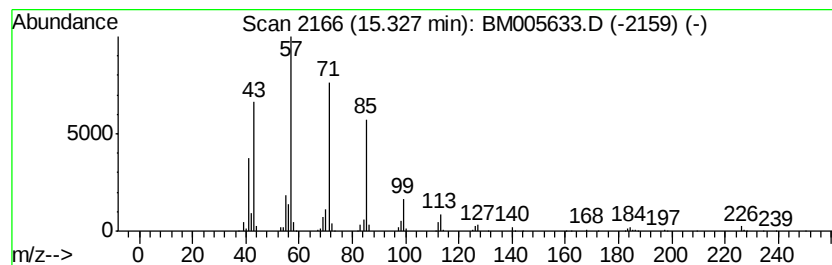
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	17.49 ng/ul	12967800	Acenaphthene-d10	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
4		Tridecane	184	C13H28	000629-50-5	81
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGG9RE

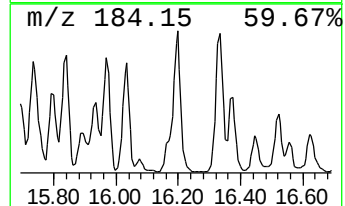
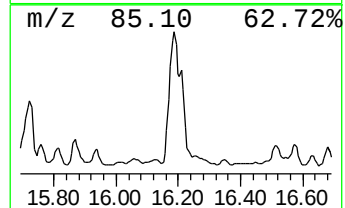
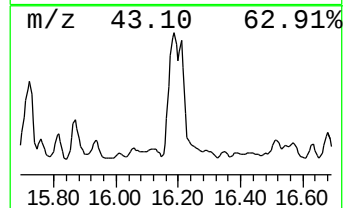
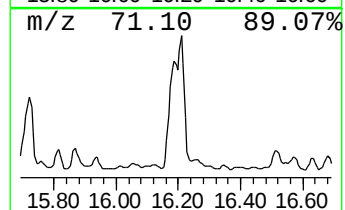
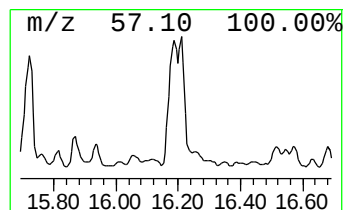
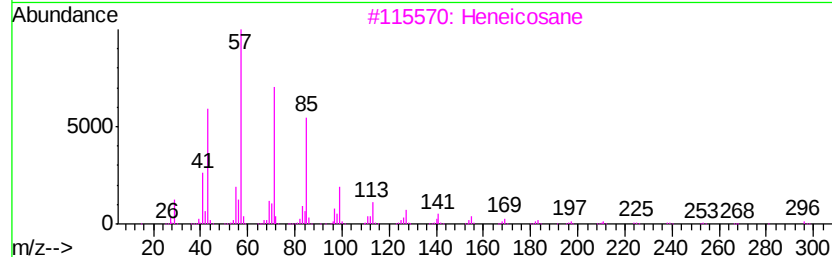
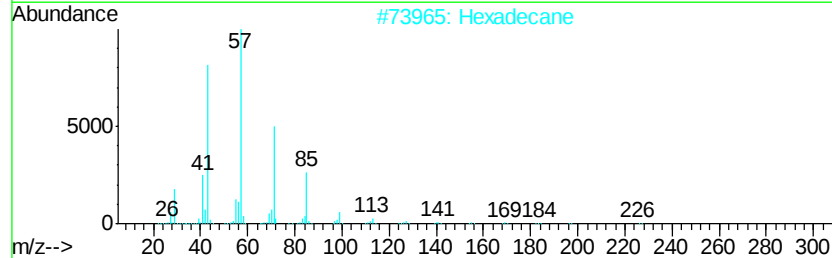
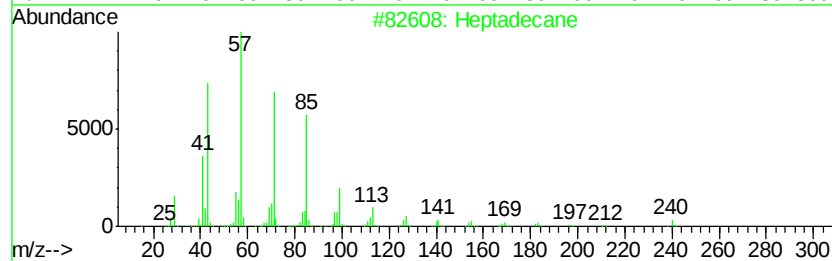
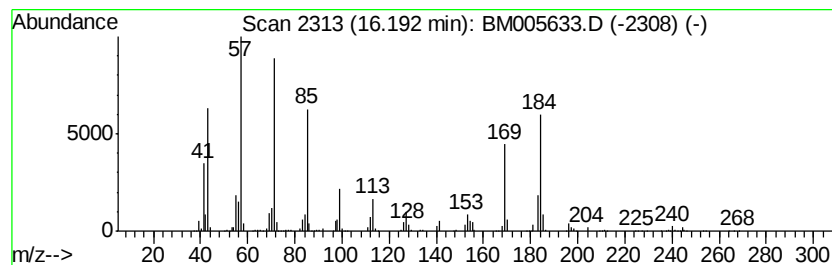
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	51.62 ng/ul	21132900	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Hexadecane	226	C16H34	000544-76-3	53
3		Heneicosane	296	C21H44	000629-94-7	53
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	49
5		Hexadecane	226	C16H34	000544-76-3	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGG9RE

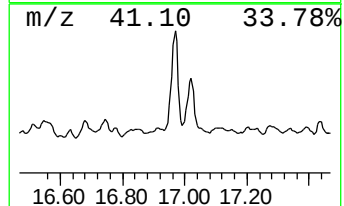
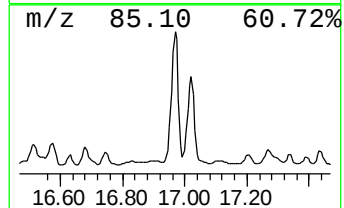
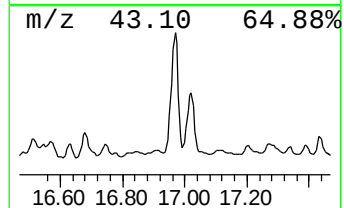
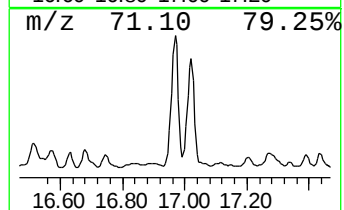
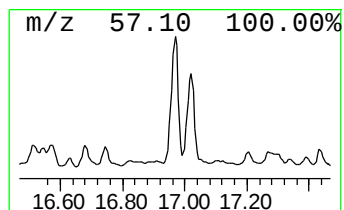
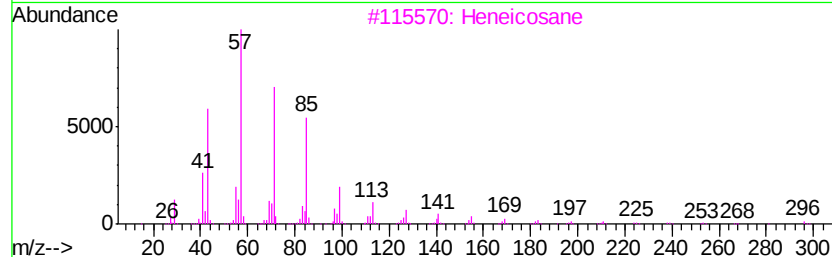
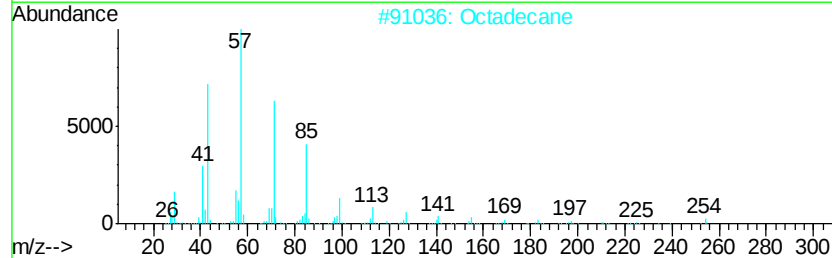
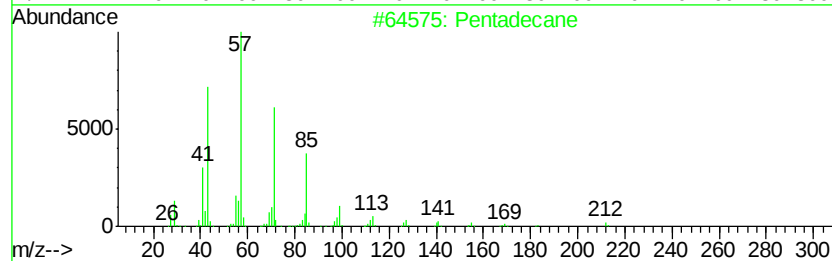
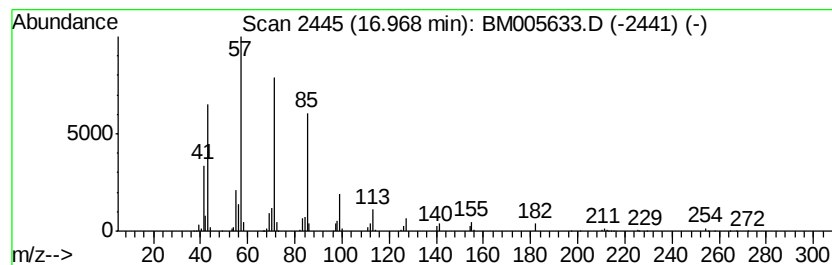
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	16.51 ng/ul	6761380	Phenanthrene-d10	17.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	97
2			Octadecane	254	C18H38	000593-45-3	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGG9RE

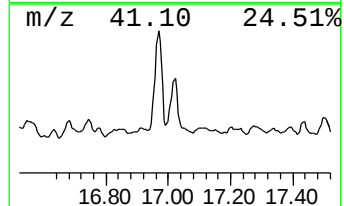
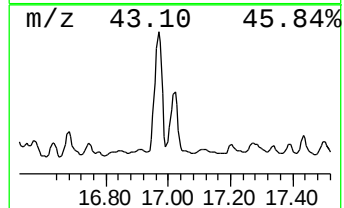
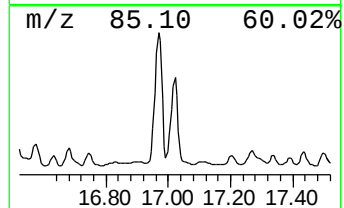
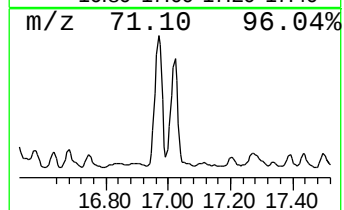
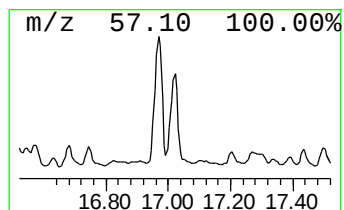
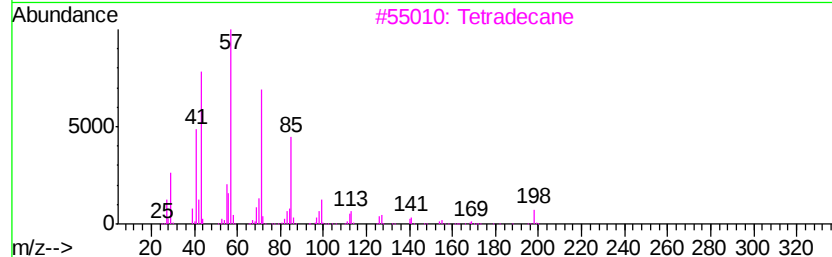
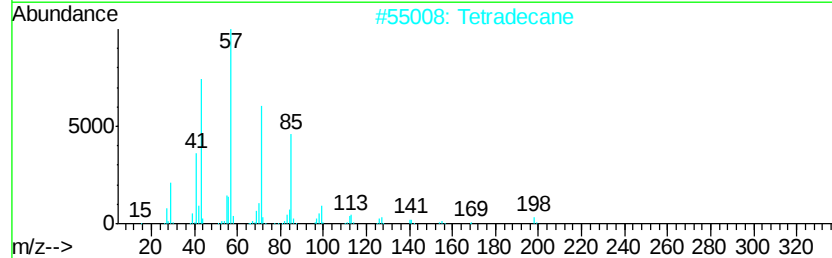
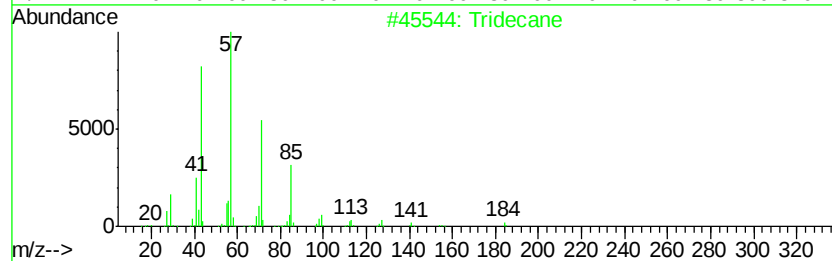
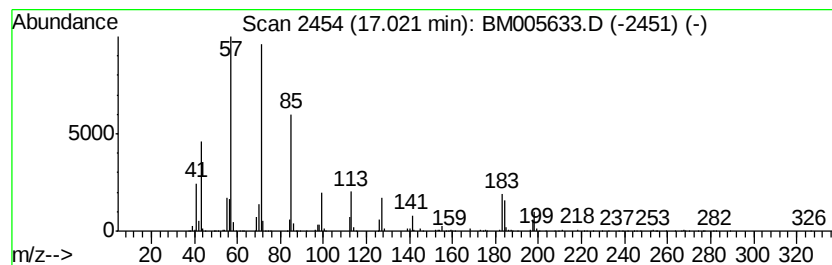
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	20.00 ng/ul	8188460	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	81
2		Tetradecane	198	C14H30	000629-59-4	76
3		Tetradecane	198	C14H30	000629-59-4	70
4		Tridecane	184	C13H28	000629-50-5	68
5		Tridecane	184	C13H28	000629-50-5	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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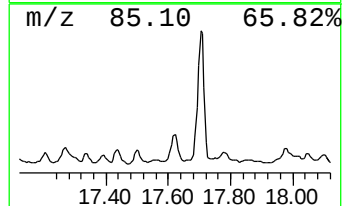
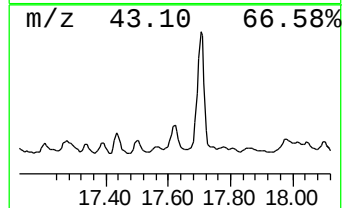
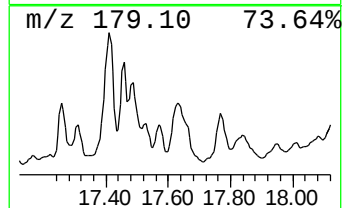
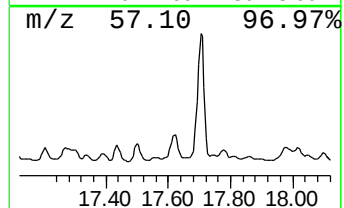
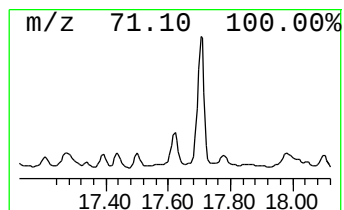
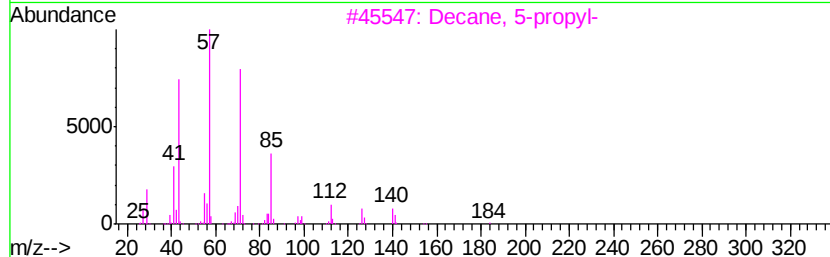
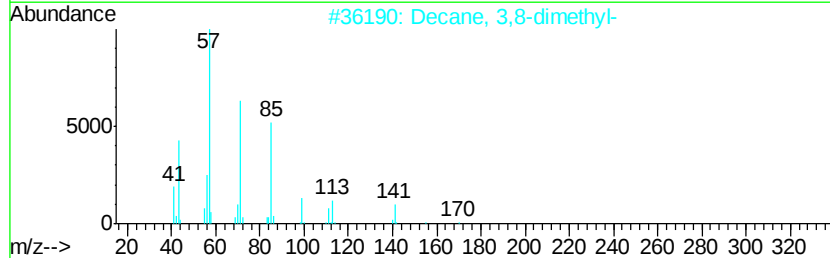
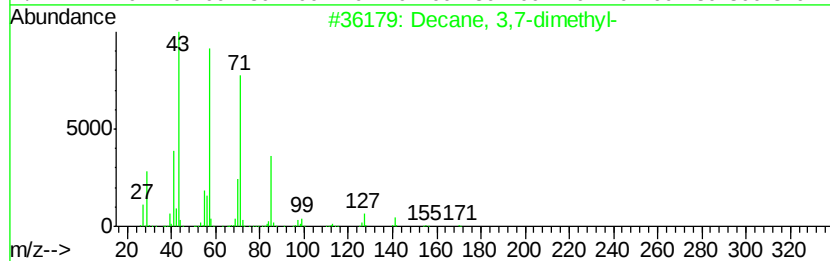
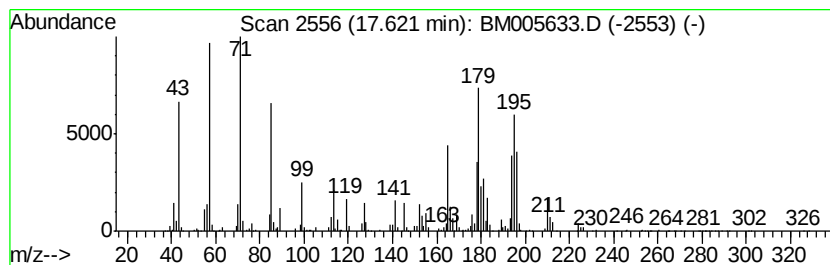
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	5.01 ng/ul	2051190	Phenanthrene-d10	17.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	35
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	20
3			Decane, 5-propyl-	184	C13H28	017312-62-8	20
4			1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	20
5			Docosane	310	C22H46	000629-97-0	18



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGG9RE

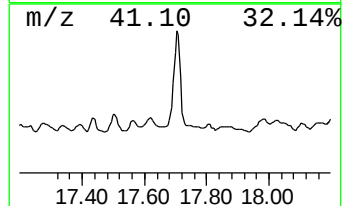
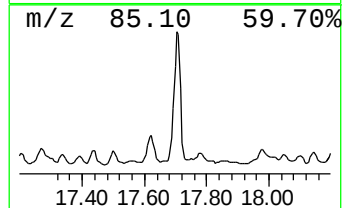
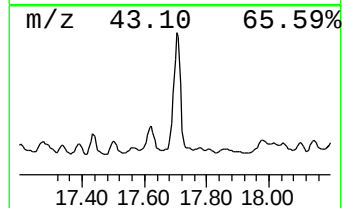
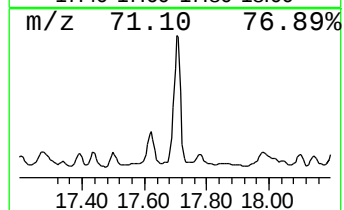
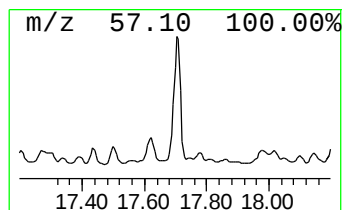
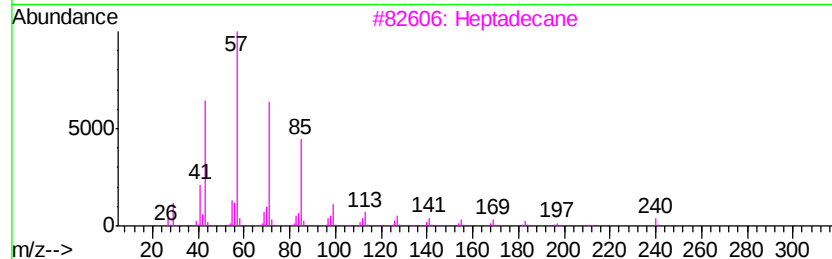
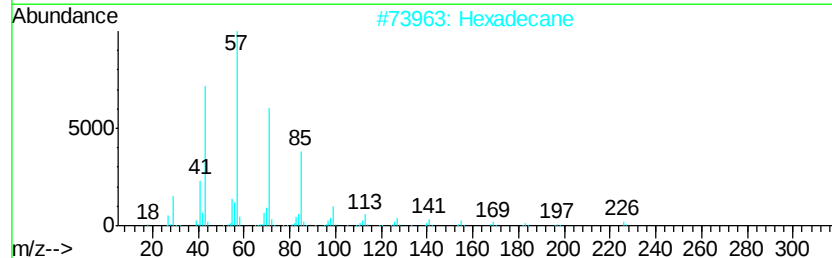
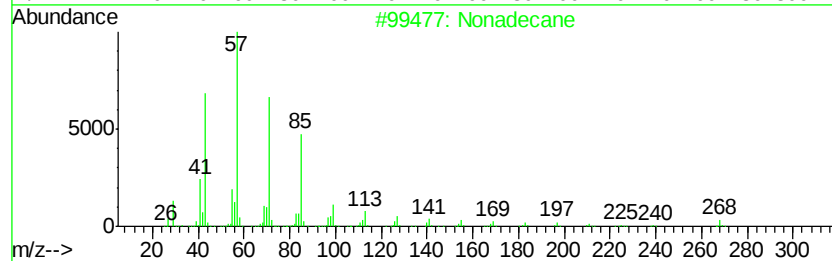
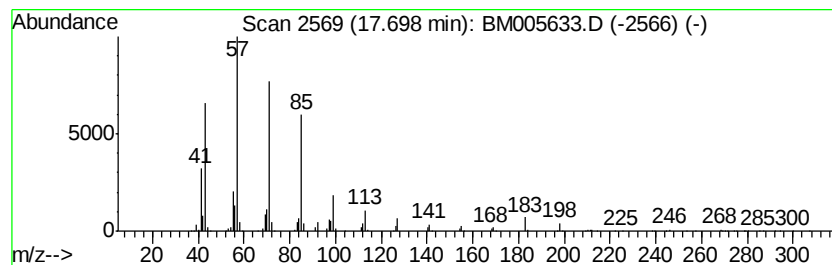
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	18.11 ng/ul	7416180	Phenanthrene-d10	17.22

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005633.D
Acq On : 24 May 2016 06:07
Operator : UM/SJ
Sample : H3086-19RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGG9RE

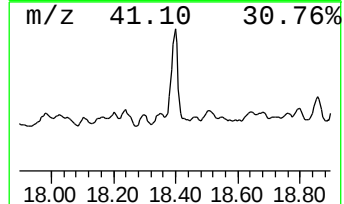
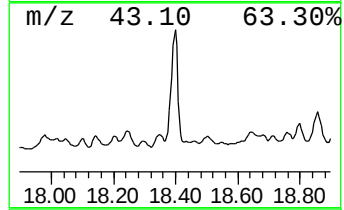
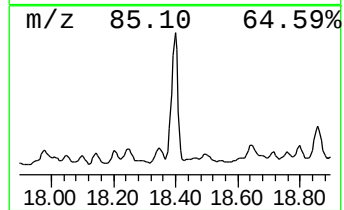
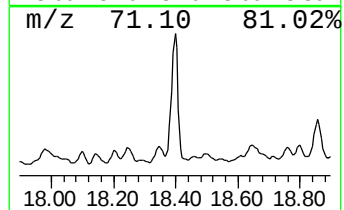
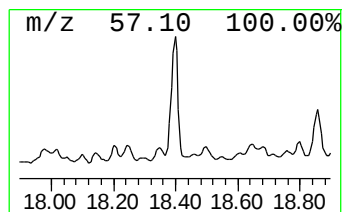
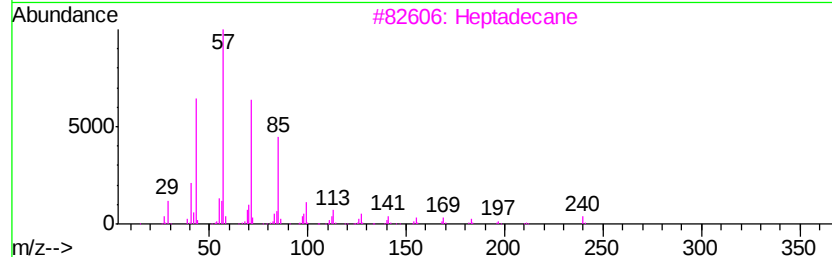
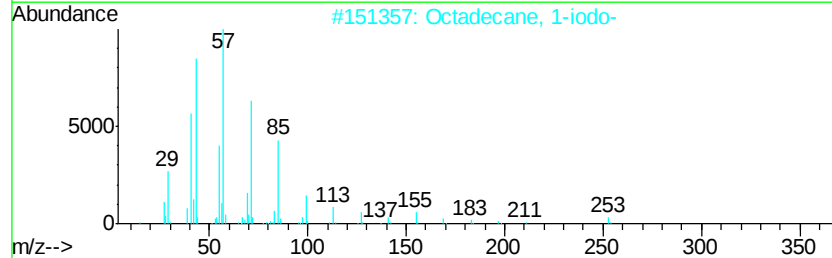
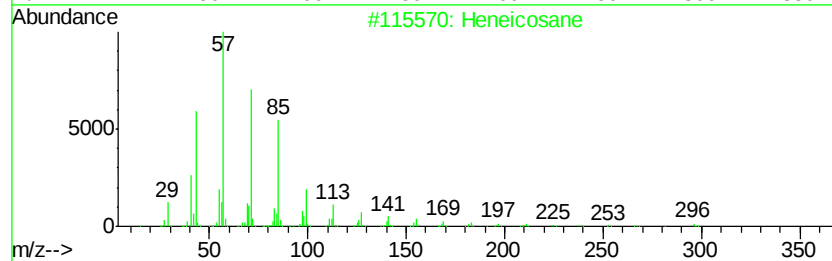
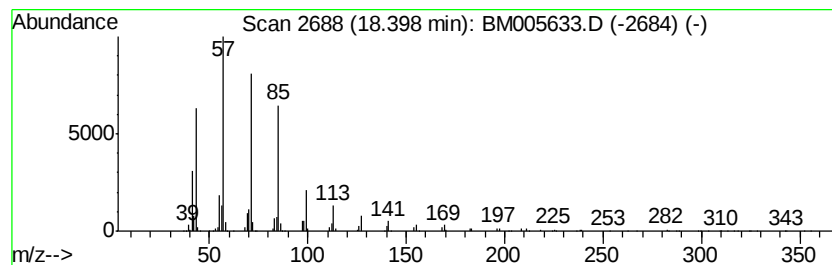
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	13.23 ng/ul	5418240	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
3		Heptadecane	240	C17H36	000629-78-7	87
4		Hexadecane	226	C16H34	000544-76-3	87
5		Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
 Data File : BM005633.D
 Acq On : 24 May 2016 06:07
 Operator : UM/SJ
 Sample : H3086-19RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGG9RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	7.42	5.7	ng/ul	324577	1	7.81	1149220	20.0
(DEL) Alkane: Str...	7.72	4.4	ng/ul	253928	1	7.81	1149220	20.0
(DEL) Alkane: Str...	7.87	5.2	ng/ul	297274	1	7.81	1149220	20.0
(DEL) Alkane: Str...	7.99	3.8	ng/ul	216521	1	7.81	1149220	20.0
(DEL) Alkane: Str...	8.33	9.6	ng/ul	552759	1	7.81	1149220	20.0
(DEL) Alkane: Str...	8.39	4.6	ng/ul	264001	1	7.81	1149220	20.0
(DEL) Alkane: Str...	8.46	8.2	ng/ul	469149	1	7.81	1149220	20.0
Benzene, 1-methyl...	8.91	11.5	ng/ul	660792	1	7.81	1149220	20.0
(DEL) Alkane: Str...	9.03	42.6	ng/ul	2447310	1	7.81	1149220	20.0
1-Eicosanol	9.12	3.9	ng/ul	223874	1	7.81	1149220	20.0
(DEL) Alkane: Str...	10.02	3.5	ng/ul	2544480	2	10.60	14634300	20.0
Benzene, 1-ethyl-...	10.82	2.8	ng/ul	2023230	2	10.60	14634300	20.0
Benzene, 1,3,5-tr...	11.01	4.7	ng/ul	3459370	2	10.60	14634300	20.0
(DEL) Alkane: Cyc...	11.09	2.9	ng/ul	2114690	2	10.60	14634300	20.0
Bicyclo[4.2.1]non...	11.26	2.8	ng/ul	2075740	2	10.60	14634300	20.0
(DEL) Alkane: Cyc...	11.31	2.4	ng/ul	1744070	2	10.60	14634300	20.0
(DEL) Alkane: Str...	11.45	5.7	ng/ul	4155850	2	10.60	14634300	20.0
1H-Indene, 2,3-di...	11.52	11.2	ng/ul	8208670	2	10.60	14634300	20.0
(DEL) Alkane: Str...	11.63	16.6	ng/ul	12186500	2	10.60	14634300	20.0
1H-Indene, 2,3-di...	11.72	4.5	ng/ul	3303350	2	10.60	14634300	20.0
Benzene, 1,4-dime...	11.82	4.9	ng/ul	3585940	2	10.60	14634300	20.0
(DEL) Alkane: Str...	12.05	27.9	ng/ul	20443900	2	10.60	14634300	20.0
Naphthalene, 1-me...	12.50	11.1	ng/ul	8122270	2	10.60	14634300	20.0
unknown-01	12.72	5.4	ng/ul	4025430	3	14.47	14831000	20.0
(DEL) Alkane: Str...	12.86	9.1	ng/ul	6753550	3	14.47	14831000	20.0
(DEL) Alkane: Str...	12.95	6.0	ng/ul	4446640	3	14.47	14831000	20.0
(DEL) Alkane: Str...	13.00	10.7	ng/ul	7896250	3	14.47	14831000	20.0
Naphthalene, 1,2,...	13.13	5.0	ng/ul	3738700	3	14.47	14831000	20.0
(DEL) Alkane: Str...	13.31	18.5	ng/ul	13706300	3	14.47	14831000	20.0
Naphthalene, 2-et...	13.50	3.8	ng/ul	2777420	3	14.47	14831000	20.0
(DEL) Alkane: Str...	13.99	4.5	ng/ul	3317120	3	14.47	14831000	20.0
(DEL) Alkane: Str...	14.39	20.0	ng/ul	14831000	3	14.47	14831000	20.0
(DEL) Alkane: Str...	15.33	17.5	ng/ul	12967800	3	14.47	14831000	20.0
(DEL) Alkane: Str...	16.19	51.6	ng/ul	21132900	4	17.22	8188460	20.0
(DEL) Alkane: Str...	16.97	16.5	ng/ul	6761380	4	17.22	8188460	20.0
(DEL) Alkane: Str...	17.02	20.0	ng/ul	8188460	4	17.22	8188460	20.0
(DEL) Alkane: Str...	17.62	5.0	ng/ul	2051190	4	17.22	8188460	20.0
(DEL) Alkane: Str...	17.70	18.1	ng/ul	7416180	4	17.22	8188460	20.0
(DEL) Alkane: Str...	18.40	13.2	ng/ul	5418240	4	17.22	8188460	20.0