

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021405.D
 Acq On : 10 Mar 2016 12:58
 Operator : UM/SJ
 Sample : H1616-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BLDG06-P001-SS001-02

Integration Parameters: LSCINT.P

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

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.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	5.623	459	474	478	rBV	20048	56963	0.16%	0.045%
2	7.297	751	759	767	rBV	42774	80678	0.23%	0.063%
3	7.462	780	787	793	rBV	35181	58889	0.17%	0.046%
4	7.673	817	823	830	rBV	44808	77678	0.22%	0.061%
5	8.067	880	890	897	rBV	15652	40357	0.11%	0.032%
6	8.143	897	903	911	rVB	63007	112531	0.32%	0.088%
7	8.843	992	1022	1027	rBV3	151346	780426	2.20%	0.612%
8	9.207	1078	1084	1089	rBV	79898	131051	0.37%	0.103%
9	9.307	1096	1101	1106	rVV	46455	83332	0.24%	0.065%
10	10.029	1216	1224	1231	rBV	39792	74194	0.21%	0.058%
11	10.382	1257	1284	1295	rBV	158057	744153	2.10%	0.584%
12	10.576	1311	1317	1327	rVB	49862	93188	0.26%	0.073%
13	10.958	1376	1382	1385	rVV	87254	155571	0.44%	0.122%
14	11.011	1385	1391	1398	rVV	494188	876017	2.47%	0.687%
15	11.111	1402	1408	1416	rBV3	19304	39356	0.11%	0.031%
16	11.780	1509	1522	1529	rBV	97481	243256	0.69%	0.191%
17	12.333	1612	1616	1625	rBV2	30748	50891	0.14%	0.040%
18	12.585	1653	1659	1664	rBV7	28270	69173	0.20%	0.054%
19	12.850	1695	1704	1712	rBV9	22292	75503	0.21%	0.059%
20	13.126	1733	1751	1756	rBV3	374301	1369441	3.87%	1.074%
21	13.531	1816	1820	1823	rBV3	24301	41253	0.12%	0.032%
22	14.066	1907	1911	1914	rBV3	62308	104171	0.29%	0.082%
23	14.189	1928	1932	1938	rVB4	64880	138205	0.39%	0.108%
24	14.277	1945	1947	1950	rBV2	39962	40920	0.12%	0.032%
25	14.454	1973	1977	1983	rBV	120336	264633	0.75%	0.208%
26	14.565	1993	1996	1999	rVB	117277	125996	0.36%	0.099%
27	14.612	2001	2004	2008	rVB	129789	173724	0.49%	0.136%
28	14.665	2009	2013	2016	rVB	112583	140362	0.40%	0.110%
29	14.706	2016	2020	2021	rBV2	119054	169651	0.48%	0.133%
30	14.836	2038	2042	2046	rVB	102089	159595	0.45%	0.125%
31	14.883	2046	2050	2052	rBV	163016	214427	0.61%	0.168%
32	14.959	2059	2063	2073	rVB	243634	384294	1.08%	0.302%
33	15.071	2073	2082	2088	rBV	917306	2001966	5.65%	1.571%
34	15.123	2088	2091	2096	rVV2	541494	737325	2.08%	0.578%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	15.182	2096	2101	2105	rVV	414665	585356	1.65%	0.459%
36	15.241	2106	2111	2118	rVV2	316919	543916	1.54%	0.427%
37	15.311	2118	2123	2128	rVB	564427	725599	2.05%	0.569%
38	15.576	2163	2168	2172	rBV	1019170	1241085	3.50%	0.974%
39	15.670	2180	2184	2190	rBV	97740	139782	0.39%	0.110%
40	15.746	2193	2197	2202	rVB	115689	165368	0.47%	0.130%
41	15.975	2233	2236	2239	rVB	46380	49726	0.14%	0.039%
42	16.022	2239	2244	2255	rVB	616046	928108	2.62%	0.728%
43	16.116	2257	2260	2263	rBV	52606	62344	0.18%	0.049%
44	16.457	2311	2318	2323	rVB2	175602	310356	0.88%	0.243%
45	16.839	2378	2383	2391	rBV2	331079	621383	1.75%	0.488%
46	17.039	2414	2417	2420	rBV3	80867	124833	0.35%	0.098%
47	17.274	2454	2457	2463	rVB2	205435	292664	0.83%	0.230%
48	17.497	2492	2495	2499	rVB	142165	182074	0.51%	0.143%
49	17.574	2504	2508	2517	rVB2	272332	516497	1.46%	0.405%
50	17.961	2571	2574	2580	rBV4	137468	235859	0.67%	0.185%
51	18.220	2612	2618	2622	rBV	533841	1021594	2.88%	0.802%
52	19.330	2800	2807	2812	rVB	1675857	3239990	9.15%	2.542%
53	19.988	2915	2919	2927	rVB	941640	1481295	4.18%	1.162%
54	20.652	3029	3032	3036	rBV	1011618	1237111	3.49%	0.971%
55	20.917	3074	3077	3081	rBV	1198880	1605029	4.53%	1.259%
56	22.908	3413	3416	3442	rVB8	3416927	16107558	45.47%	12.638%
57	23.114	3449	3451	3454	rVB2	4667498	3283243	9.27%	2.576%
58	23.343	3488	3490	3492	rBV2	3228193	3662434	10.34%	2.873%
59	23.484	3505	3514	3535	rBV6	4764843	35422083	100.00%	27.791%
60	23.731	3553	3556	3588	rVV3	3353086	23895263	67.46%	18.748%
61	23.931	3588	3590	3594	rVV3	4916594	6867745	19.39%	5.388%
62	23.995	3594	3601	3606	rVB2	5593907	12999684	36.70%	10.199%

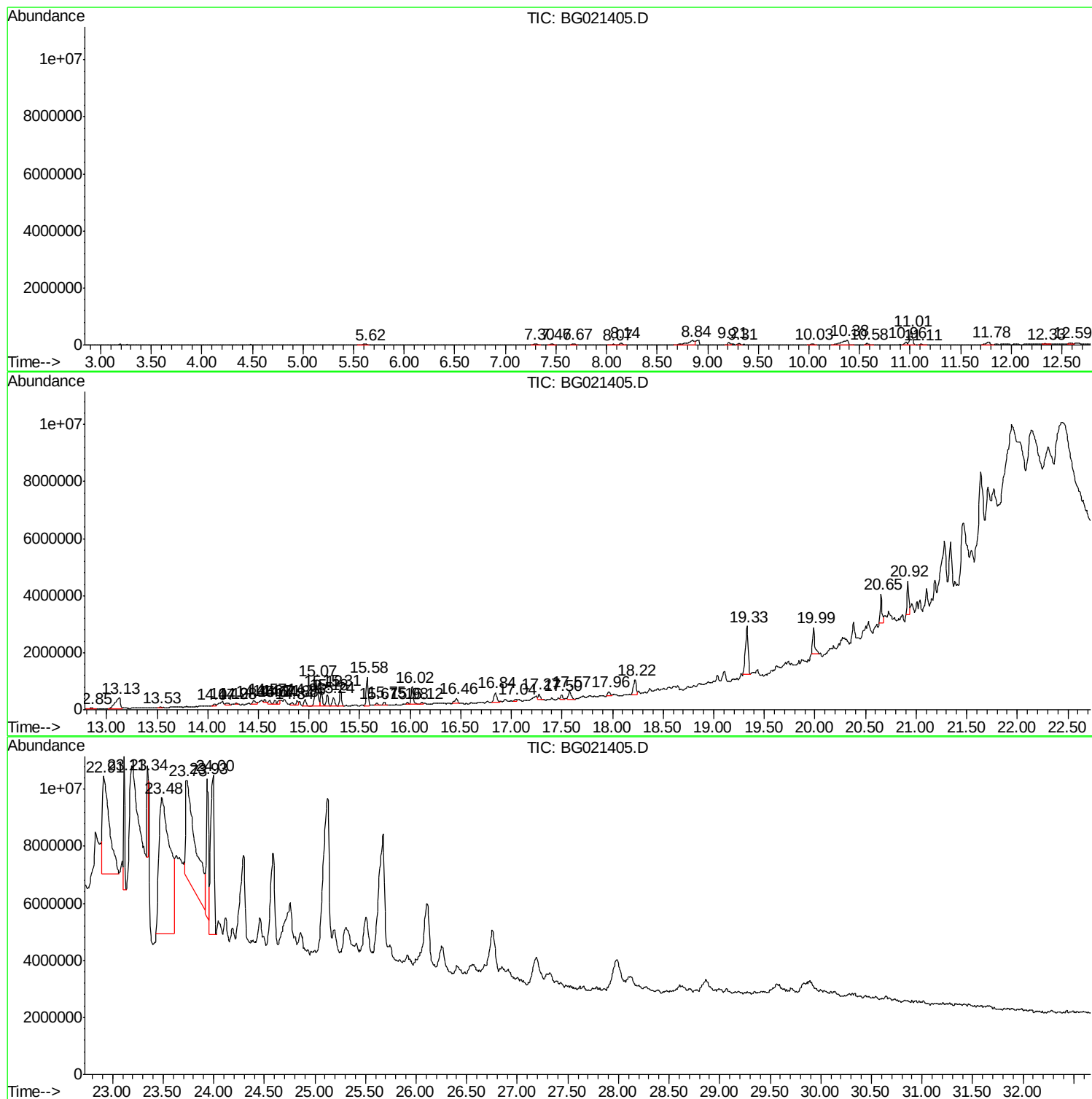
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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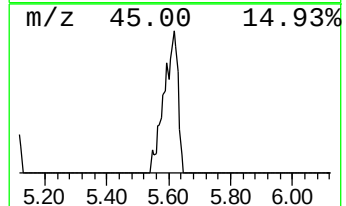
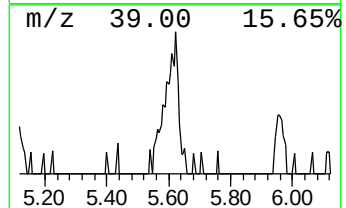
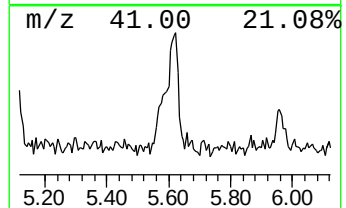
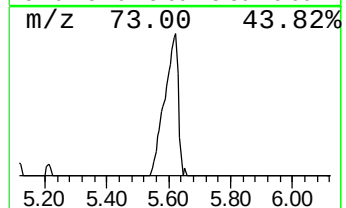
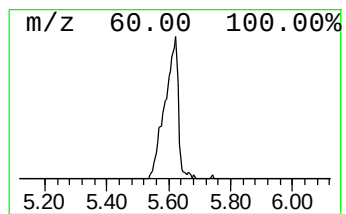
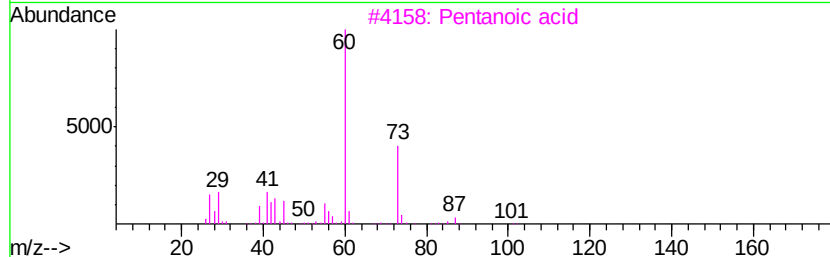
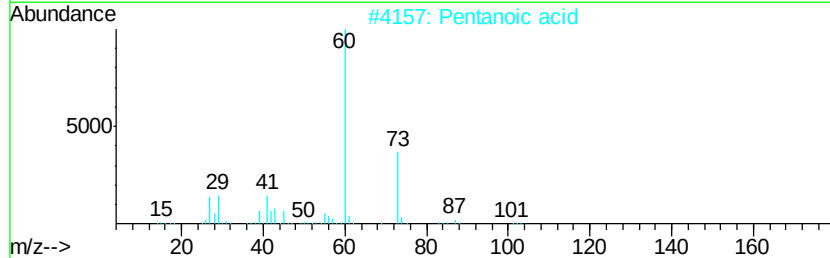
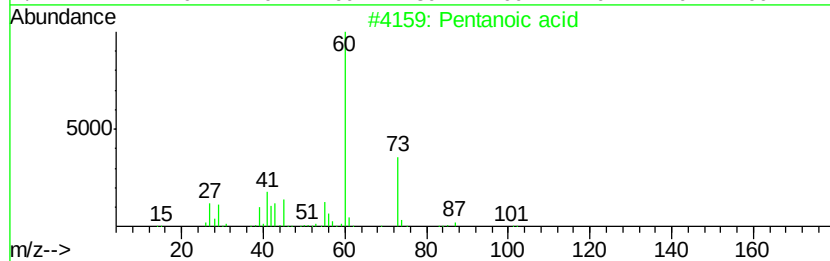
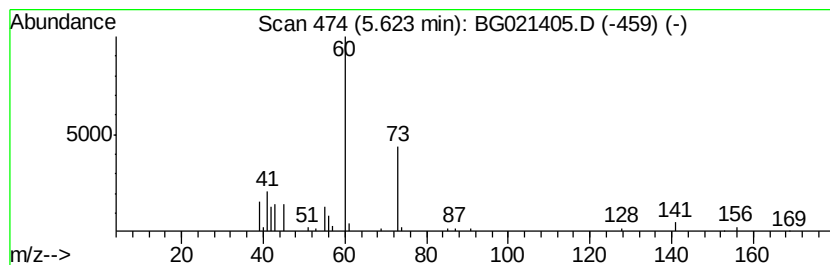
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Pentanoic acid Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	10.12 ng/ul	56963	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid	102	C5H10O2	000109-52-4	72
2		Pentanoic acid	102	C5H10O2	000109-52-4	56
3		Pentanoic acid	102	C5H10O2	000109-52-4	56
4		Butanoic acid	88	C4H8O2	000107-92-6	50
5		Octanoic Acid	144	C8H16O2	000124-07-2	40



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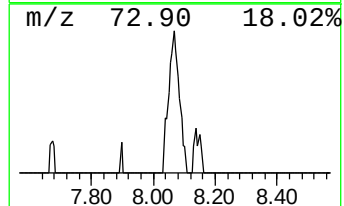
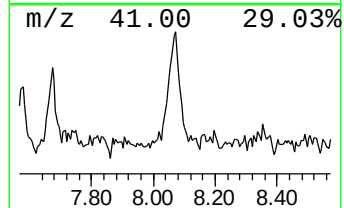
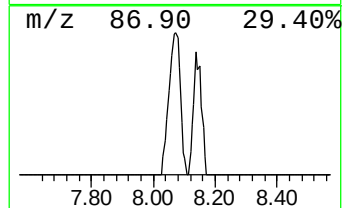
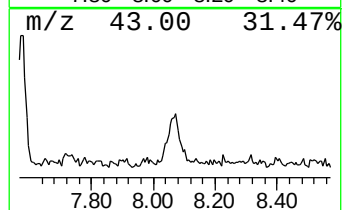
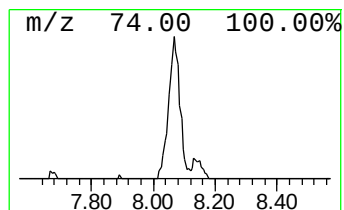
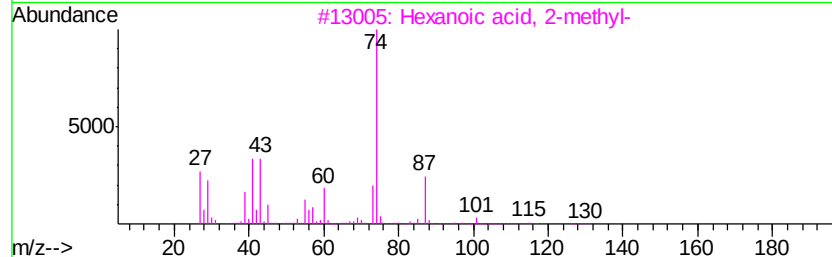
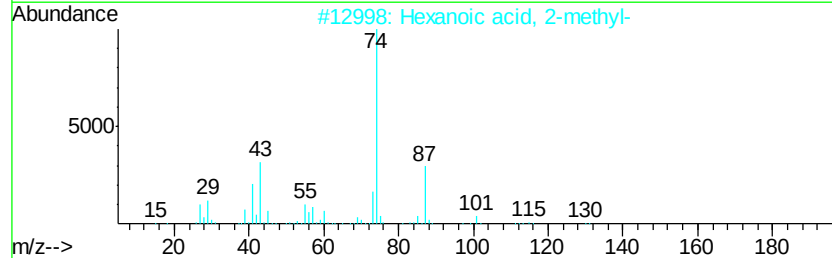
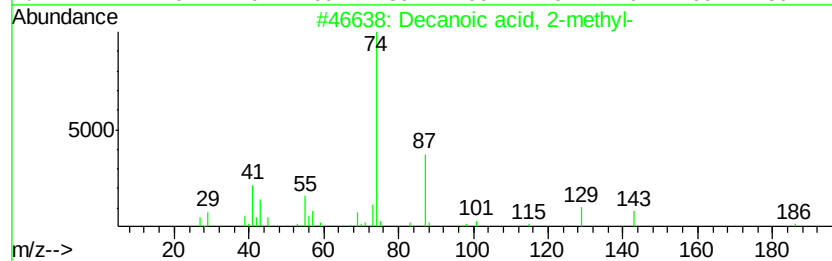
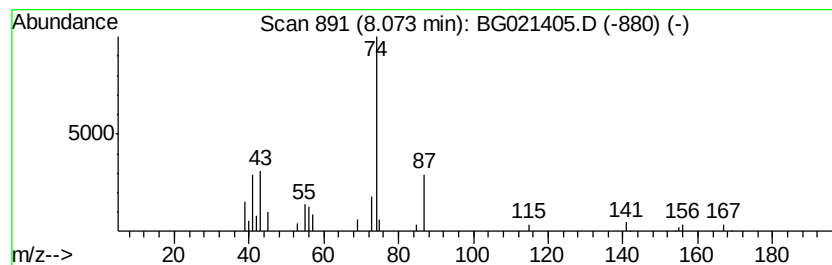
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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.
8.07	7.17 ng/ul	40357	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decanoic acid, 2-methyl-	186	C11H22O2	024323-23-7	78
2		Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	78
3		Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	78
4		Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	64
5		Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	50



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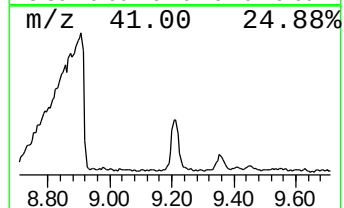
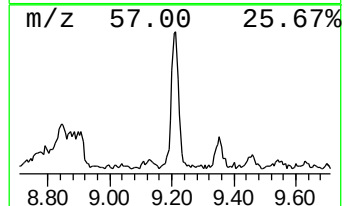
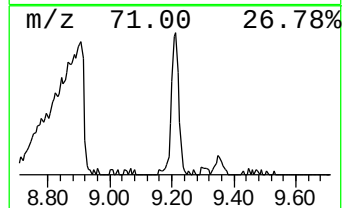
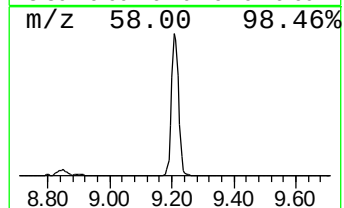
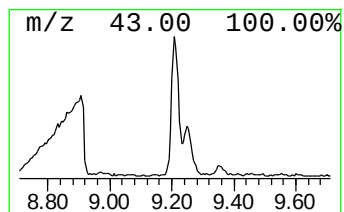
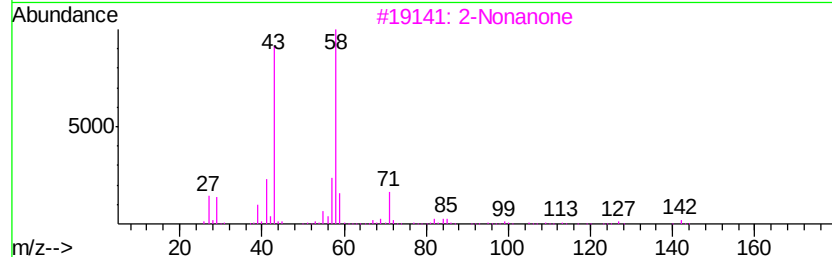
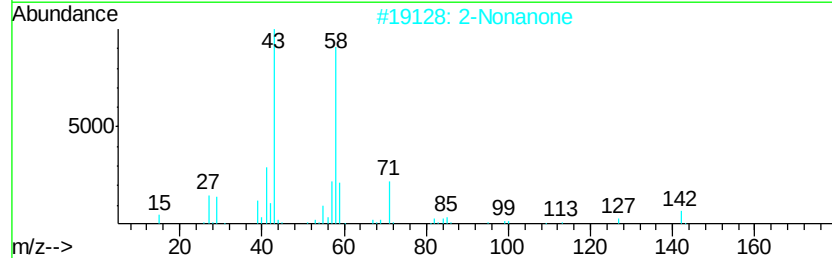
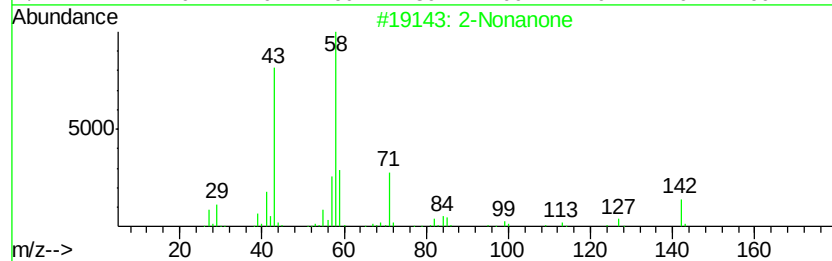
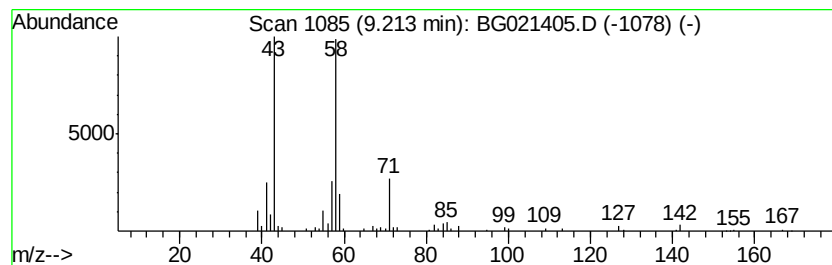
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	23.29 ng/ul	131051	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2	Nonanone	142	C9H18O	000821-55-6	91
2	2	Nonanone	142	C9H18O	000821-55-6	91
3	2	Nonanone	142	C9H18O	000821-55-6	90
4	2	Hexanone, 5-methyl-	114	C7H14O	000110-12-3	78
5	2	Heptanone	114	C7H14O	000110-43-0	72



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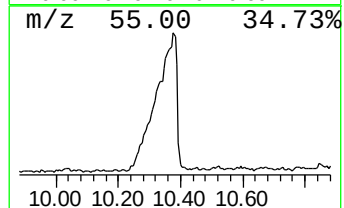
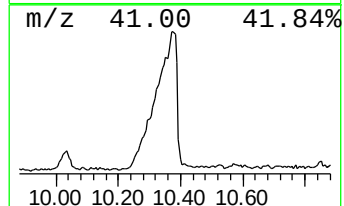
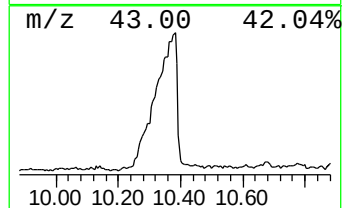
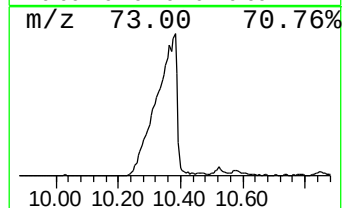
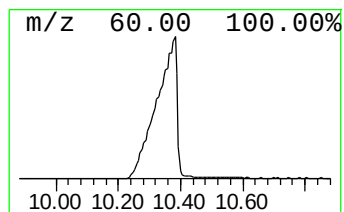
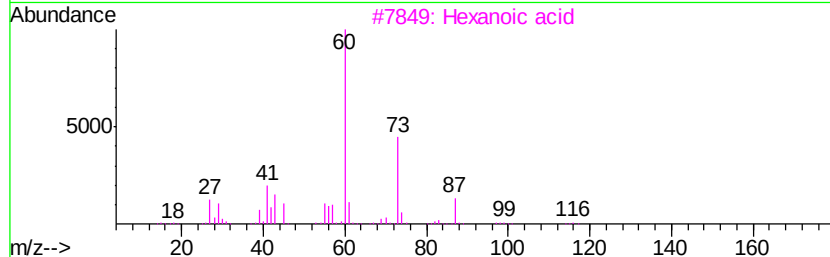
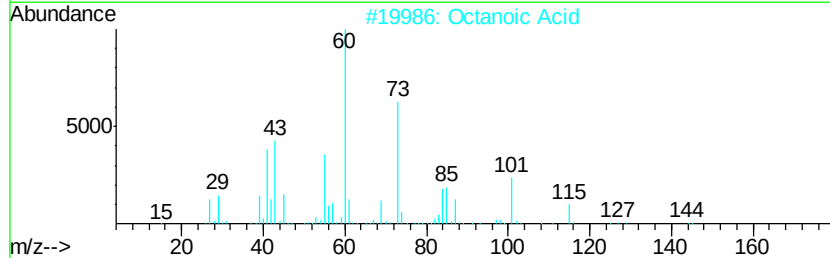
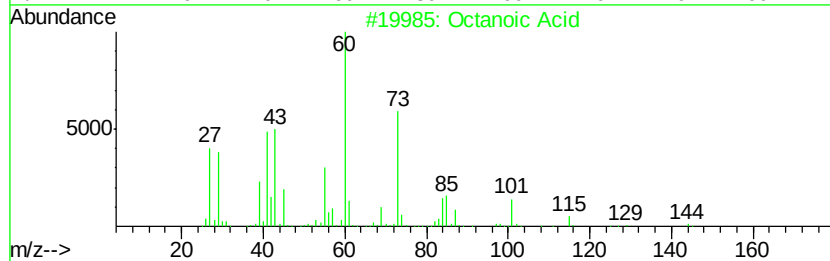
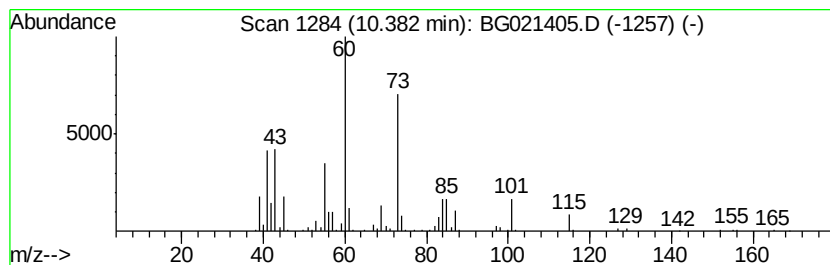
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Octanoic Acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	95.67 ng/ul	744153	Naphthalene-d8	10.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octanoic Acid	144 C8H16O2	000124-07-2	90
2	Octanoic Acid	144 C8H16O2	000124-07-2	90
3	Hexanoic acid	116 C6H12O2	000142-62-1	74
4	Hexanoic acid	116 C6H12O2	000142-62-1	64
5	Hexanoic acid	116 C6H12O2	000142-62-1	64



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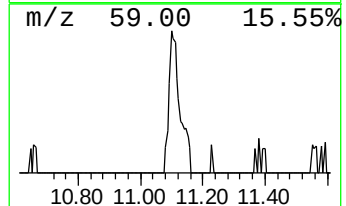
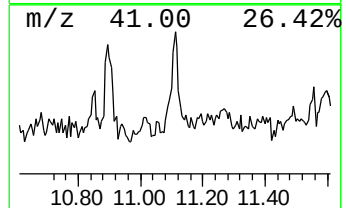
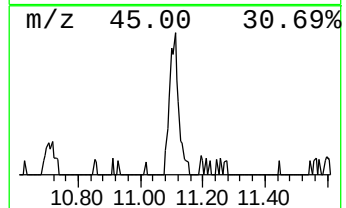
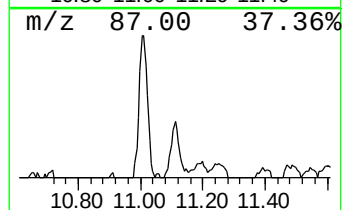
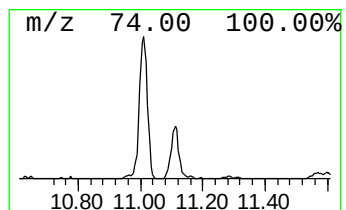
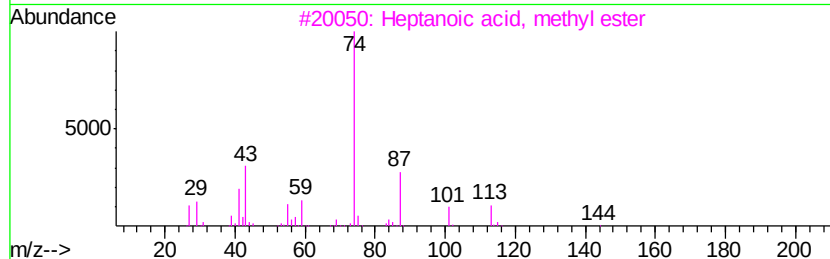
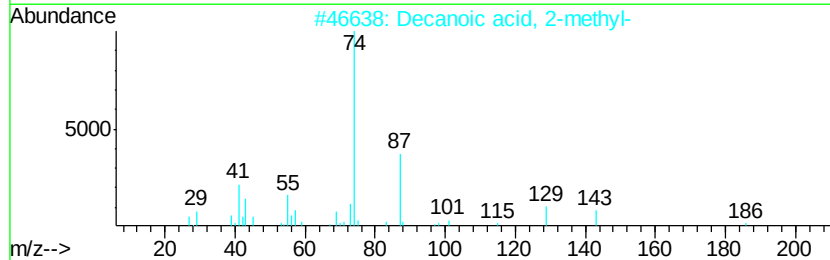
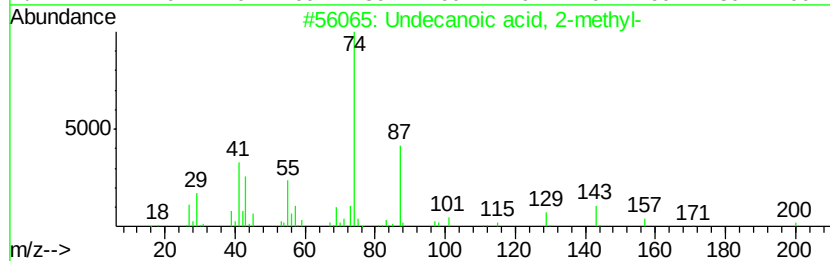
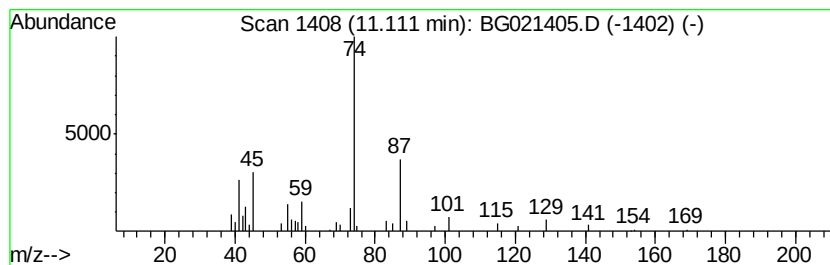
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	5.06 ng/ul	39356	Napthalene-d8	10.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecanoic acid, 2-methyl-	200	C12H24O2	024323-25-9	45
2		Decanoic acid, 2-methyl-	186	C11H22O2	024323-23-7	45
3		Heptanoic acid, methyl ester	144	C8H16O2	000106-73-0	45
4		Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	45
5		Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	42



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

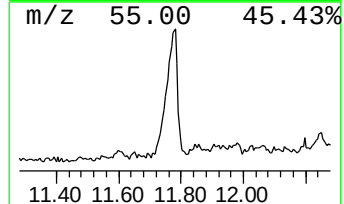
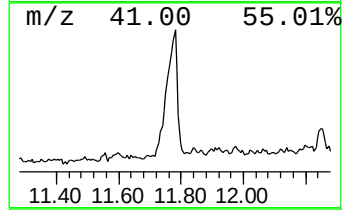
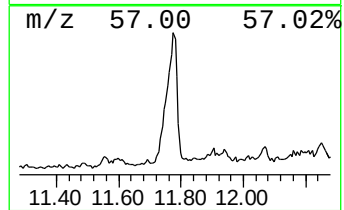
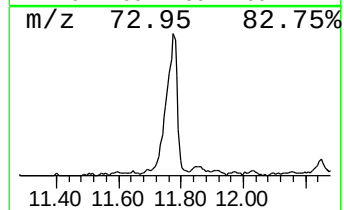
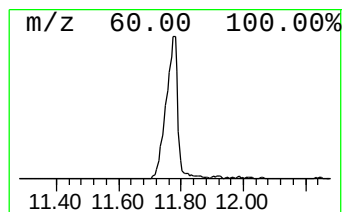
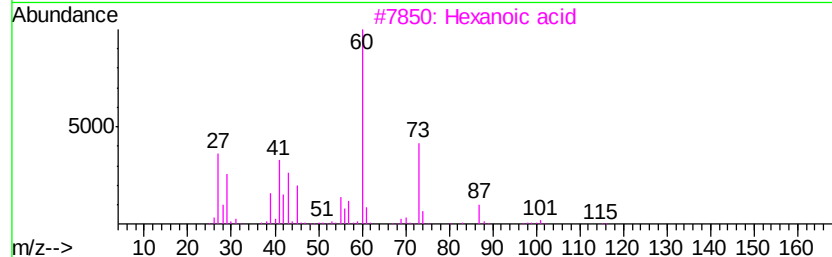
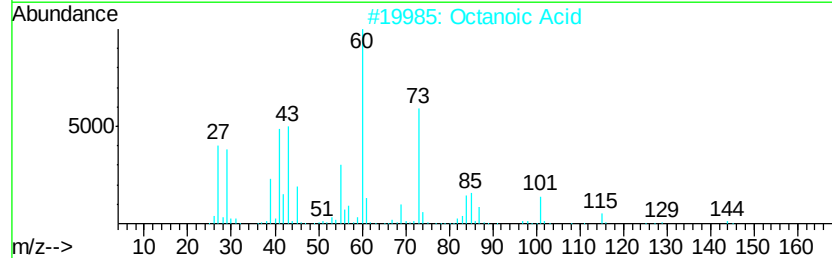
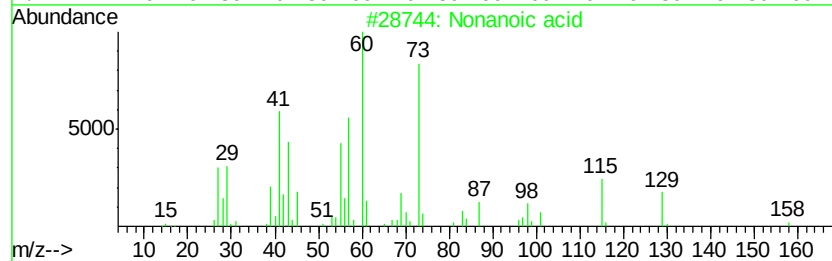
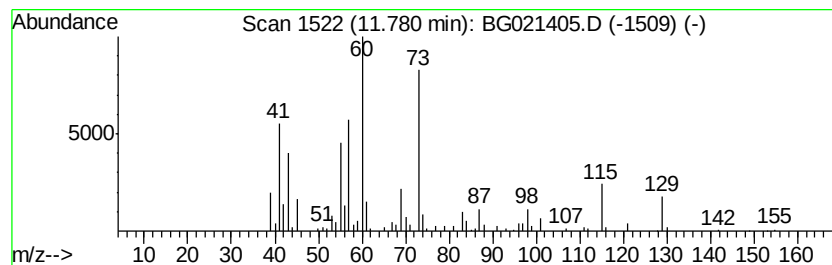
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Nonanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	31.27 ng/ul	243256	Napthalene-d8	10.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonanoic acid	158 C9H18O2	000112-05-0	91
2	Octanoic Acid	144 C8H16O2	000124-07-2	53
3	Hexanoic acid	116 C6H12O2	000142-62-1	53
4	Octanoic Acid	144 C8H16O2	000124-07-2	42
5	1,6-Anhydro-.beta.-D-glucopyrano...	162 C6H10O5	000498-07-7	40



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
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Instrument :
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ClientSampleId :
BLDG06-P001-SS001-02

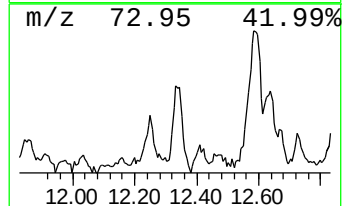
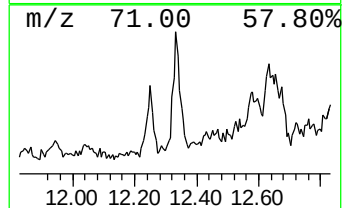
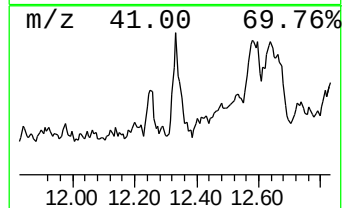
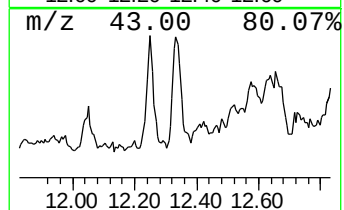
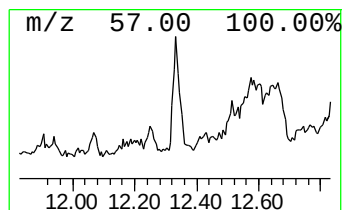
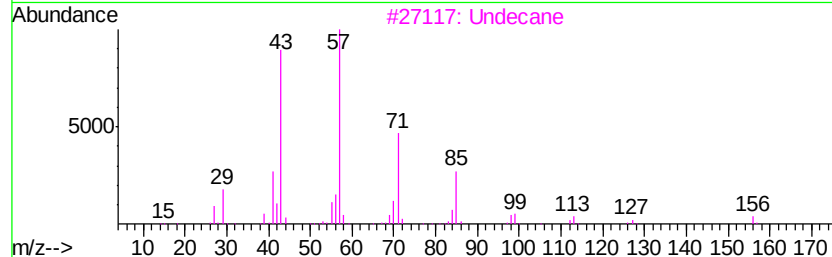
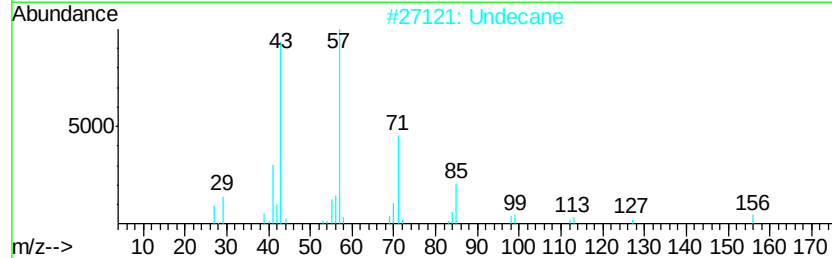
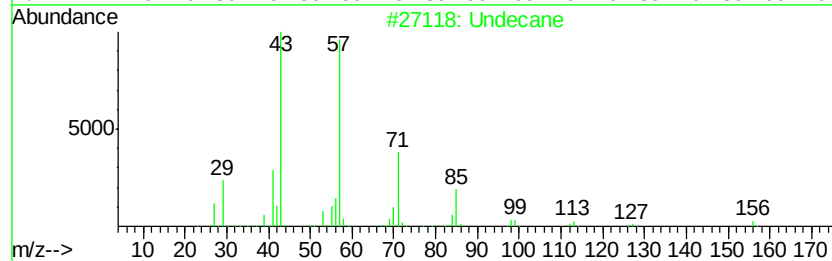
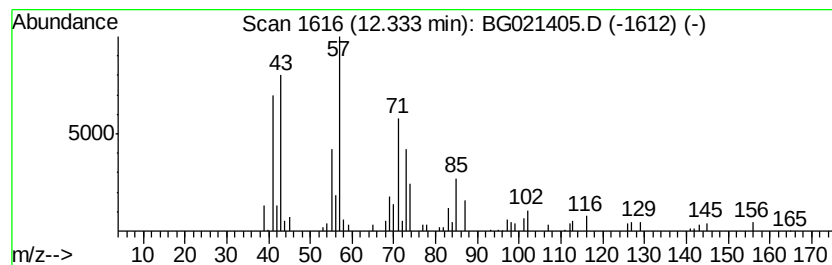
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	6.54 ng/ul	50891	Napthalene-d8	10.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	49
2		Undecane	156	C11H24	001120-21-4	49
3		Undecane	156	C11H24	001120-21-4	49
4		Eicosane	282	C20H42	000112-95-8	46
5		Decane	142	C10H22	000124-18-5	46



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
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Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

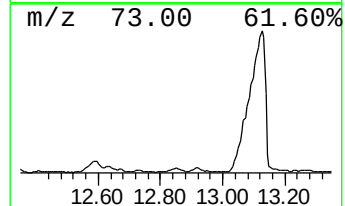
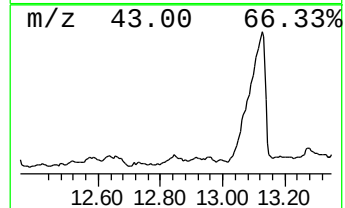
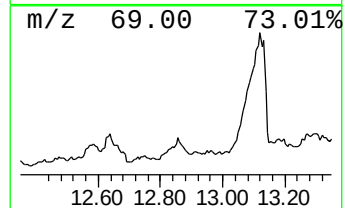
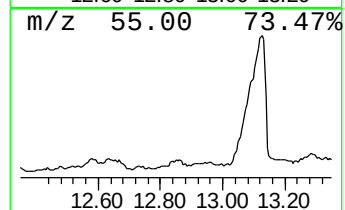
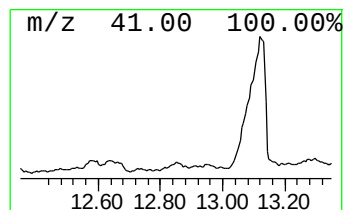
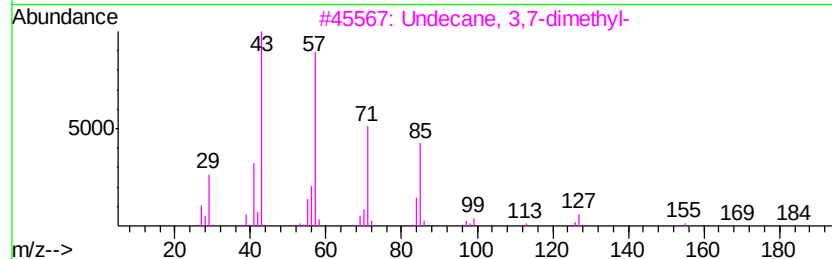
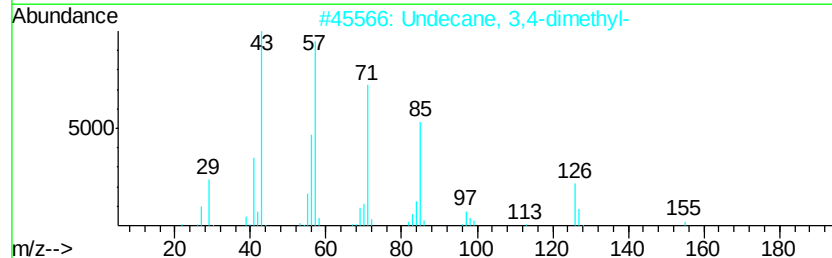
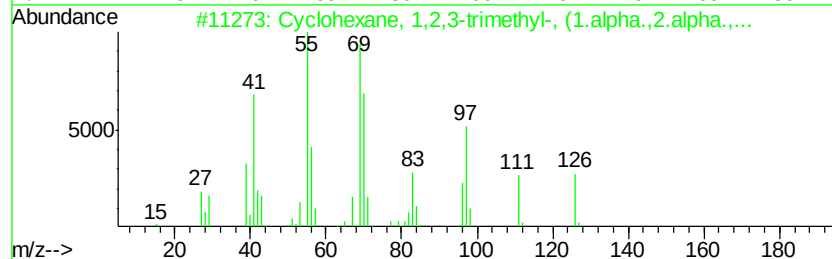
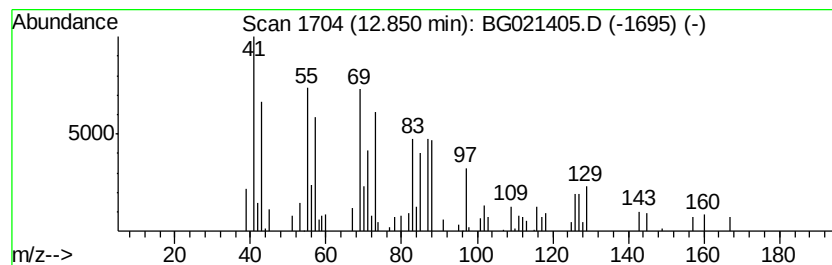
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	9.71 ng/ul	75503	Napthalene-d8	10.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,2,3-trimethyl-, (...)	126 C9H18	007667-55-2 25
2		Undecane, 3,4-dimethyl-	184 C13H28	017312-78-6 22
3		Undecane, 3,7-dimethyl-	184 C13H28	017301-29-0 22
4		Ethanone, 1-cyclohexyl-	126 C8H14O	000823-76-7 18
5		Decane, 2,3,7-trimethyl-	184 C13H28	062238-13-5 14



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
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Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

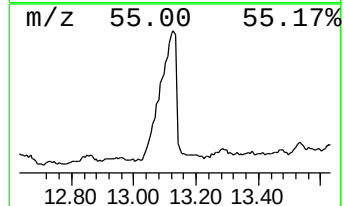
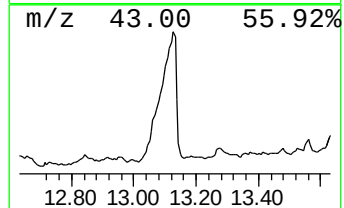
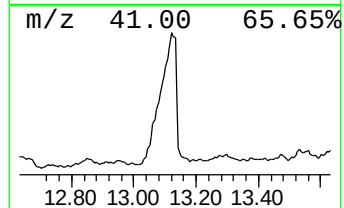
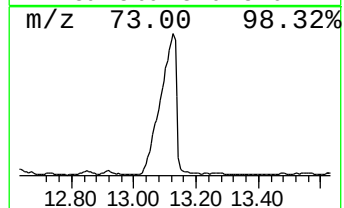
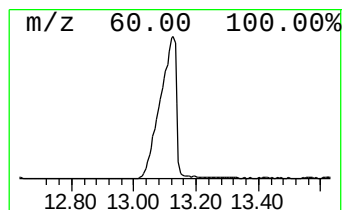
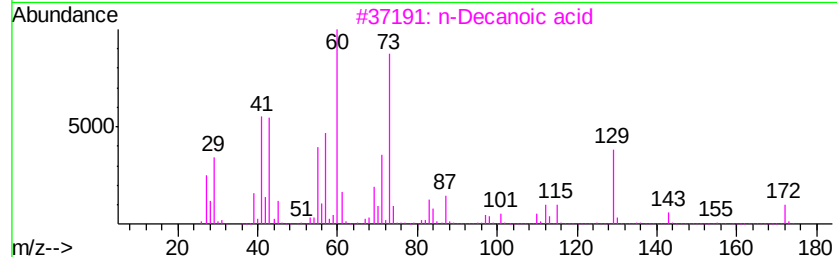
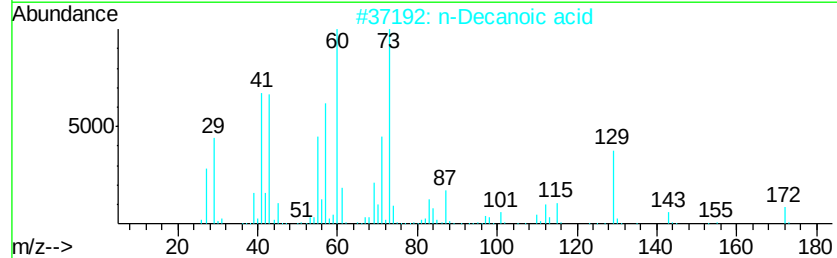
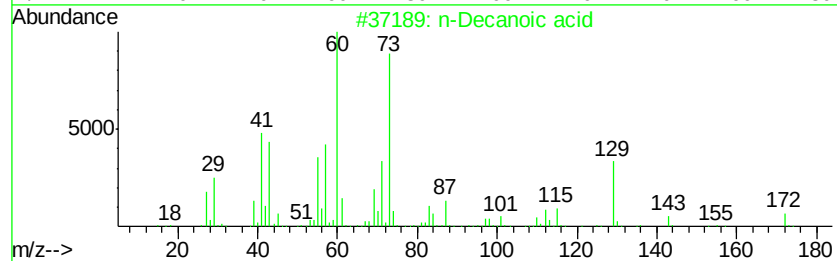
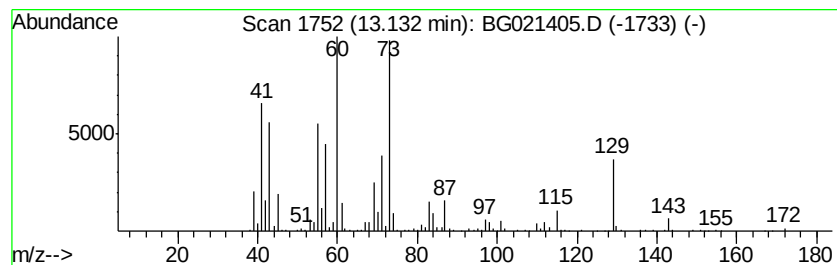
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 n-Decanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.13	161.44 ng/ul	1369440	Acenaphthene-d10		14.76
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	94
2	n-Decanoic acid	172	C10H20O2	000334-48-5	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Heptanoic acid	130	C7H14O2	000111-14-8	53



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-02

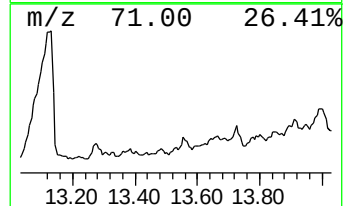
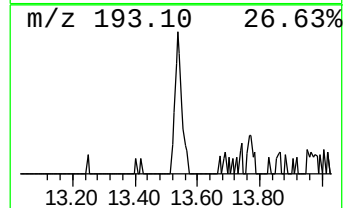
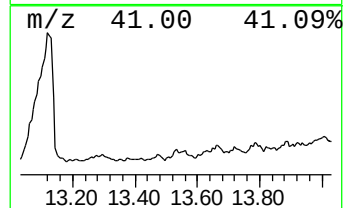
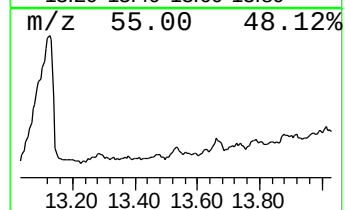
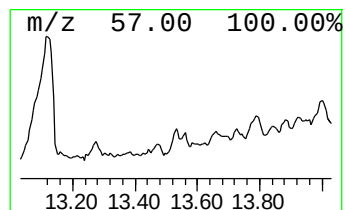
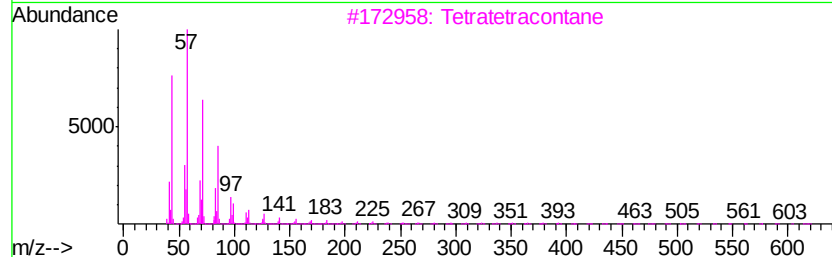
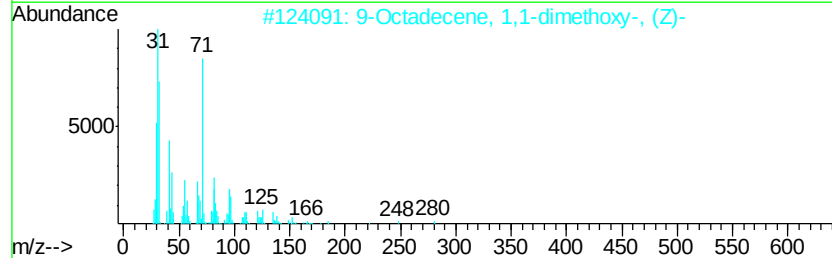
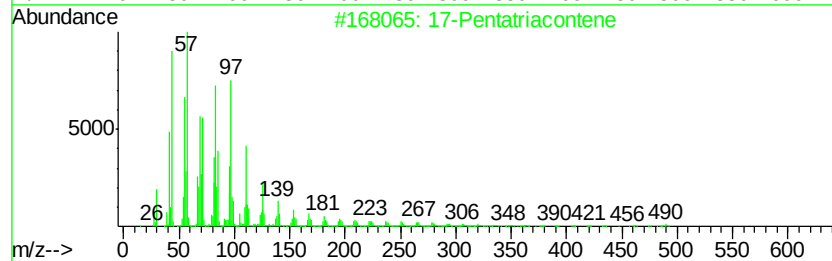
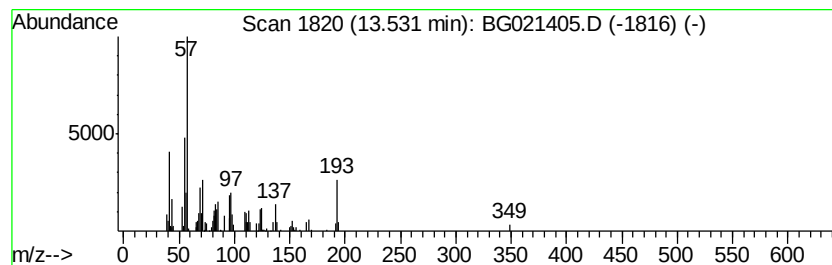
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-02 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	4.86 ng/ul	41253	Acenaphthene-d10	14.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			17-Pentatriacontene	491	C35H70	006971-40-0	14
2			9-Octadecene, 1,1-dimethoxy-, (Z)-	312	C20H40O2	015677-71-1	12
3			Tetratetracontane	619	C44H90	007098-22-8	12
4			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	12
5			Tritetracontane	605	C43H88	007098-21-7	12



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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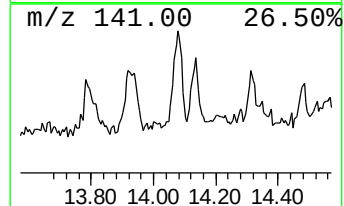
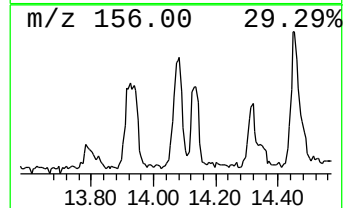
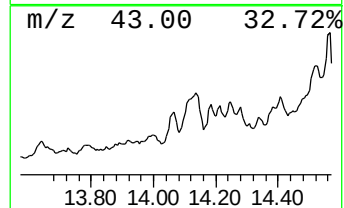
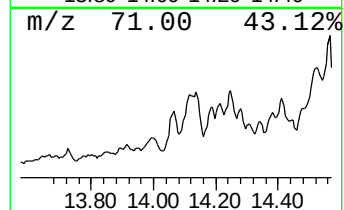
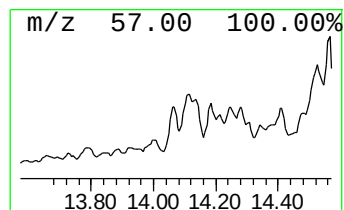
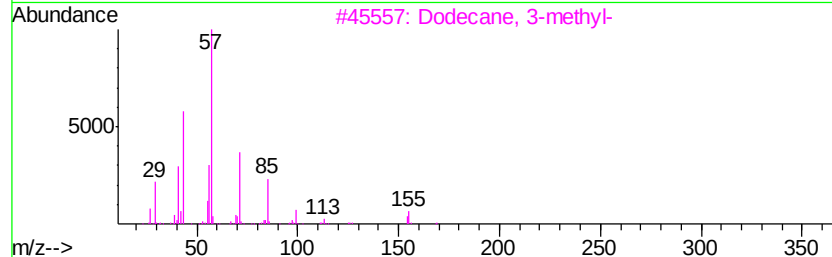
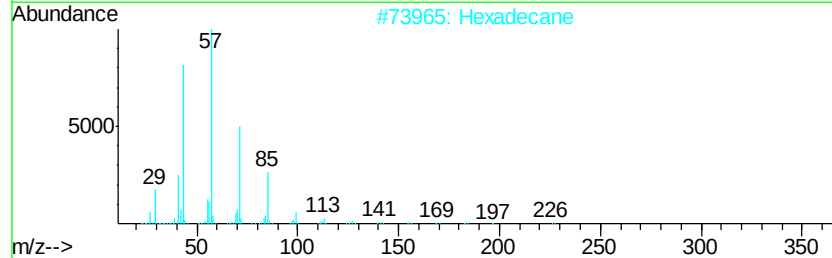
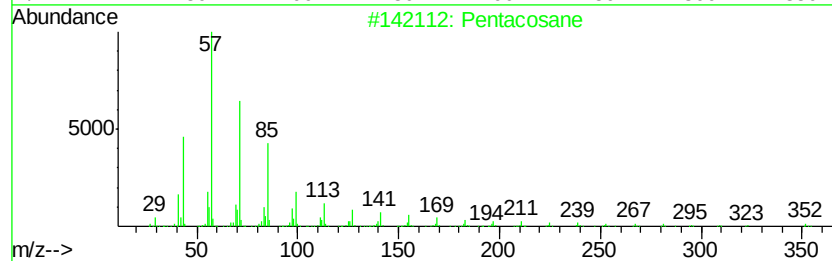
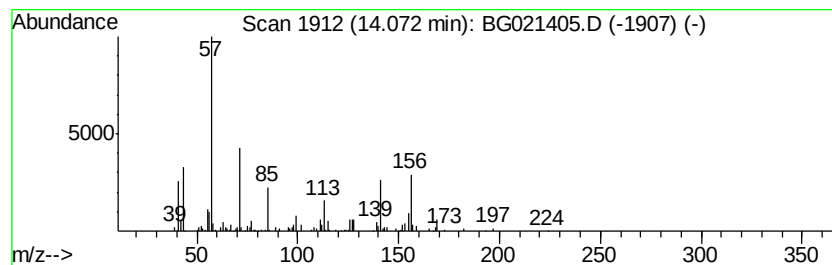
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	12.28 ng/ul	104171	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	90
2		Hexadecane	226	C16H34	000544-76-3	53
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
4		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	53
5		Eicosane	282	C20H42	000112-95-8	53



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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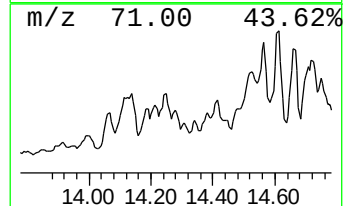
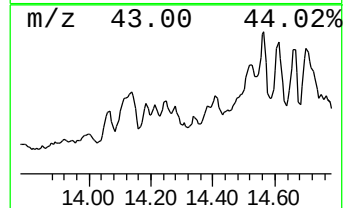
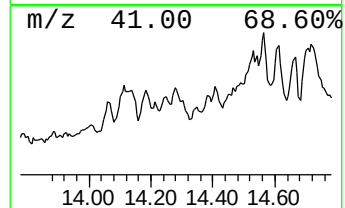
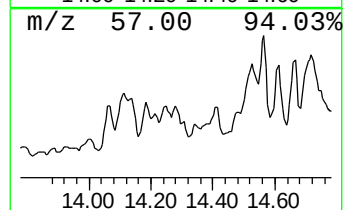
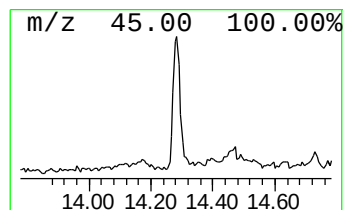
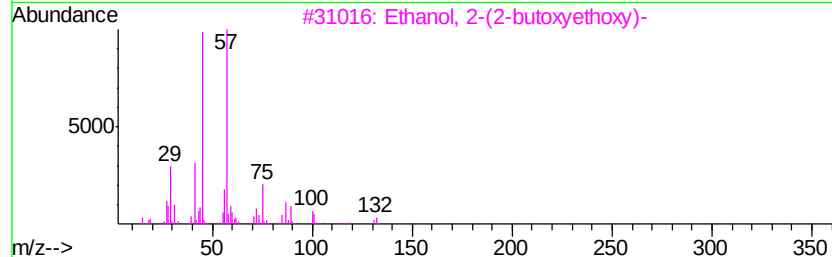
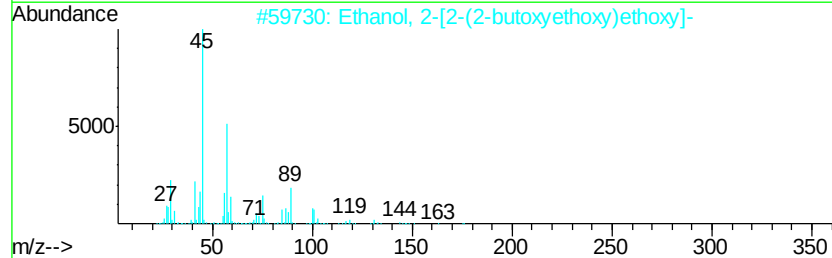
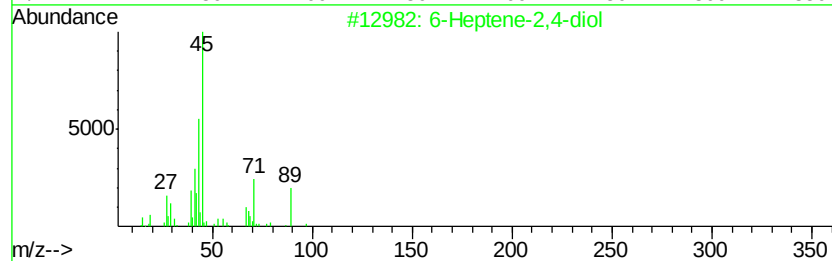
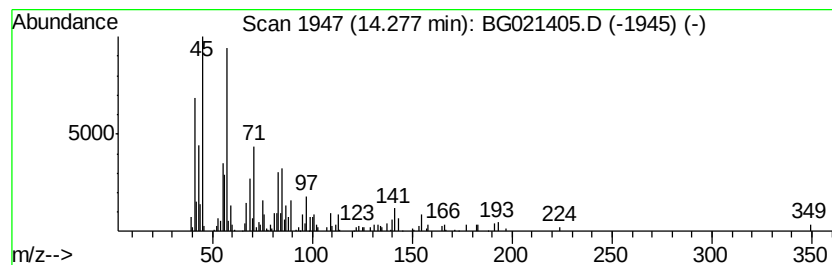
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-03 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	4.82 ng/ul	40920	Acenaphthene-d10	14.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Heptene-2,4-diol	130	C7H14O2	019781-76-1	47
2			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	46
3			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	43
4			Pentaethylene glycol	238	C10H22O6	004792-15-8	38
5			Ethanol, 2,2'-[oxybis(2,1-ethane...	194	C8H18O5	000112-60-7	38



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02

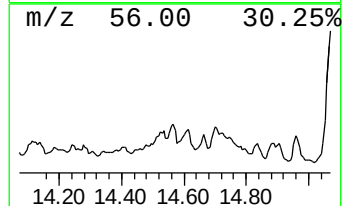
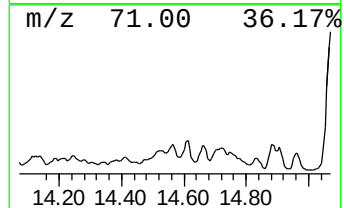
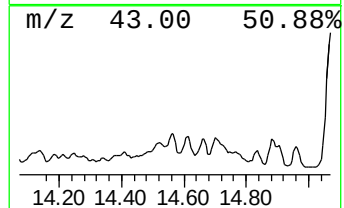
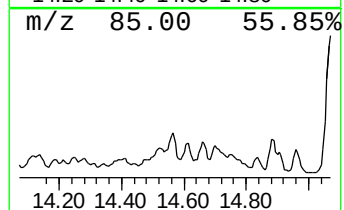
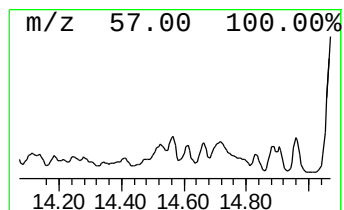
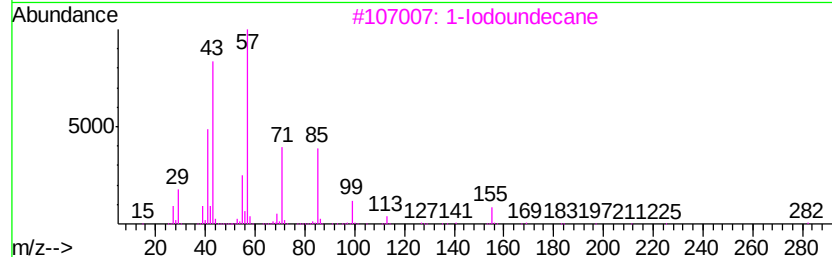
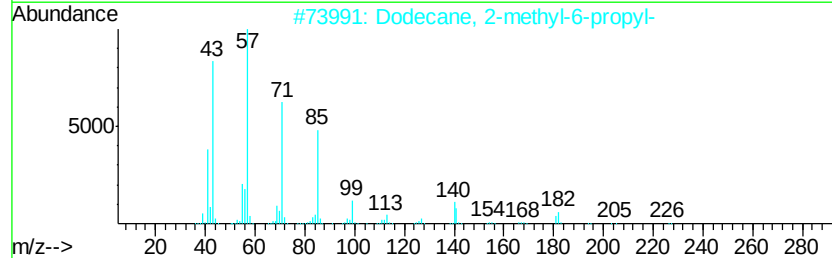
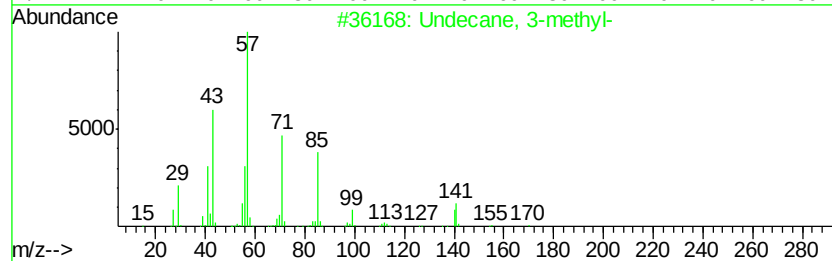
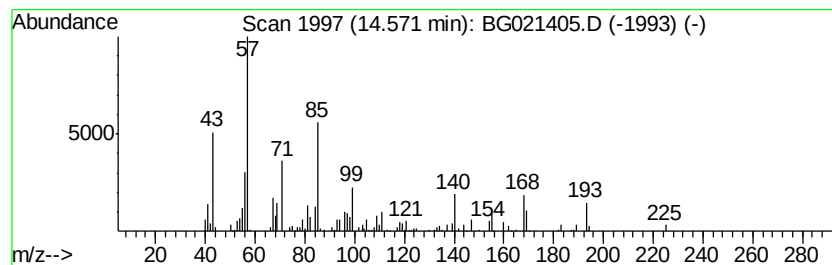
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	14.85 ng/ul	125996	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
3		1-Iodoundecane	282	C11H23I	004282-44-4	64
4		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53
5		Nonacosane	408	C29H60	000630-03-5	53



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02

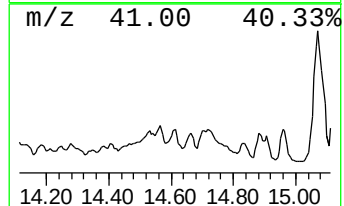
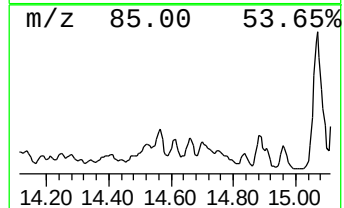
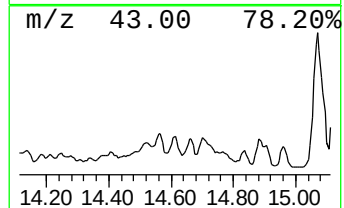
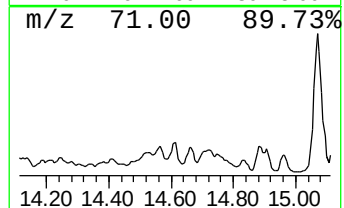
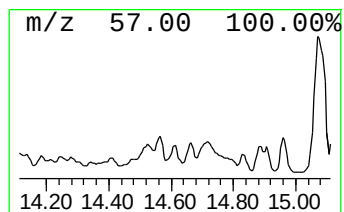
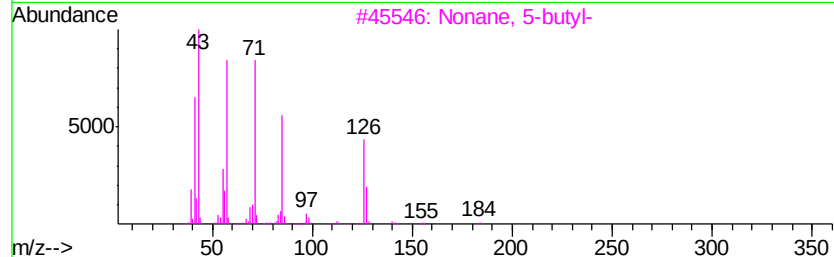
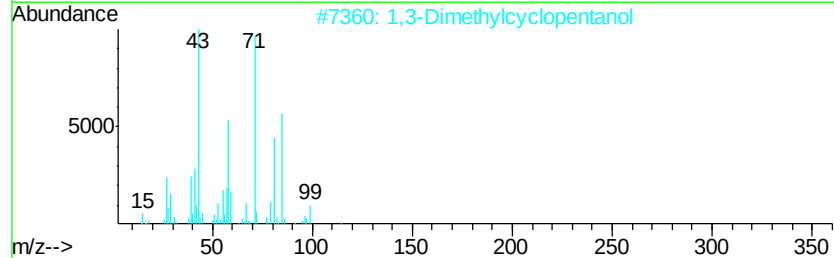
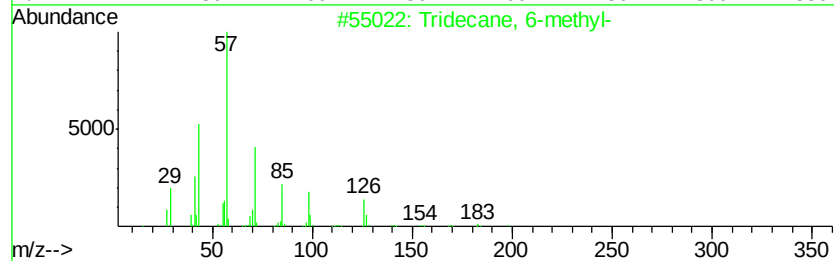
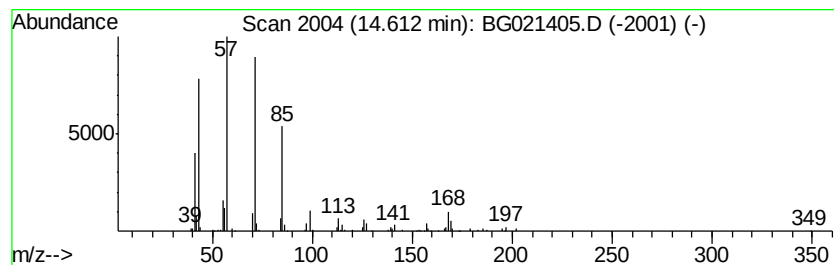
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	20.48 ng/ul	173724	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
2		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	59
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	53



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02

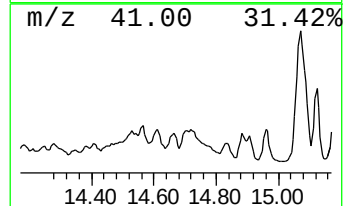
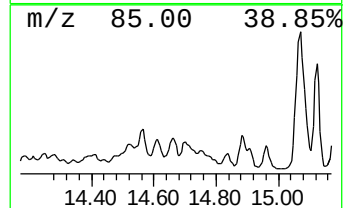
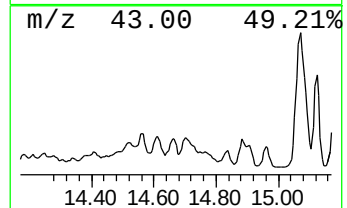
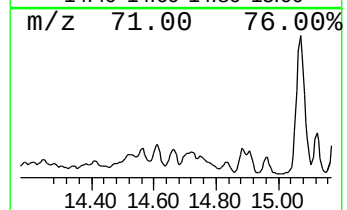
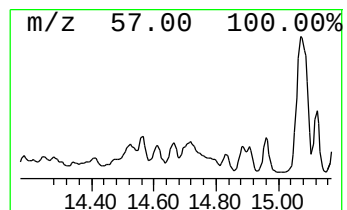
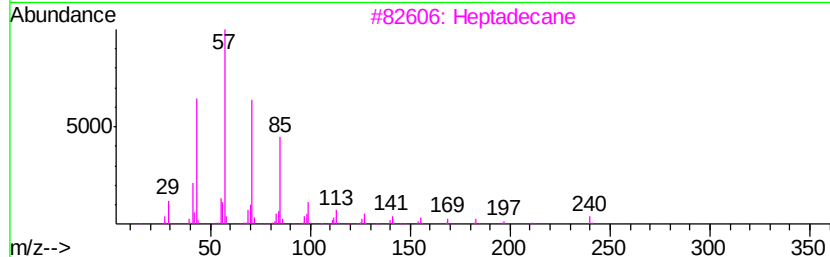
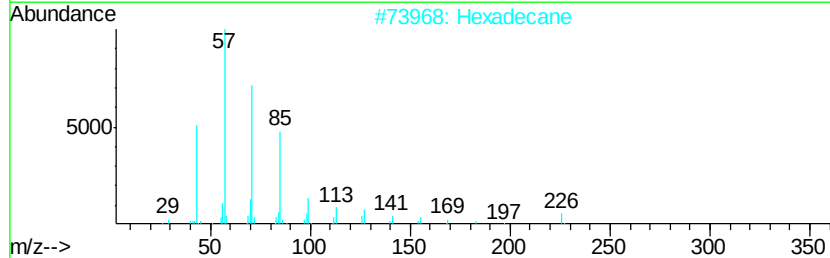
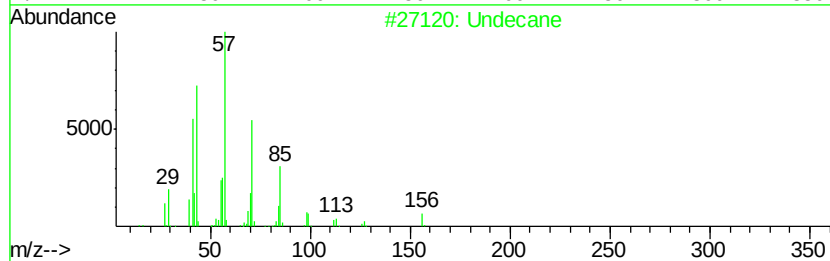
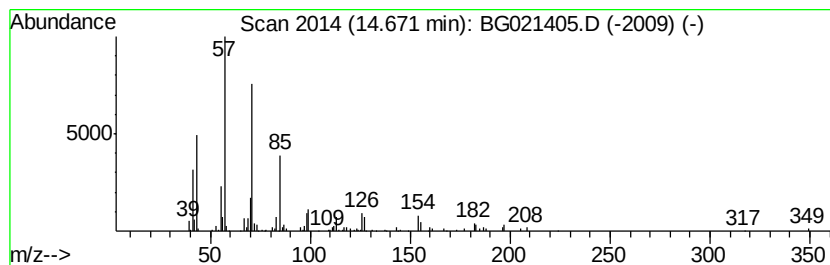
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	16.55 ng/ul	140362	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	87
2		Hexadecane	226	C16H34	000544-76-3	80
3		Heptadecane	240	C17H36	000629-78-7	72
4		Tetradecane	198	C14H30	000629-59-4	72
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	72



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-02

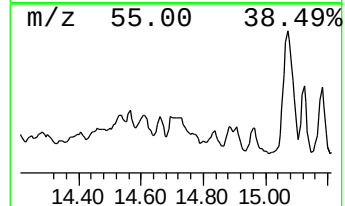
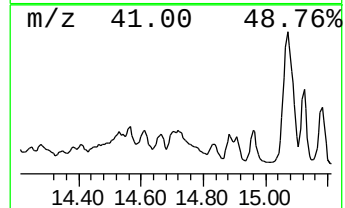
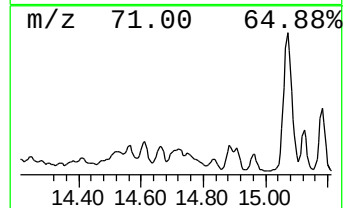
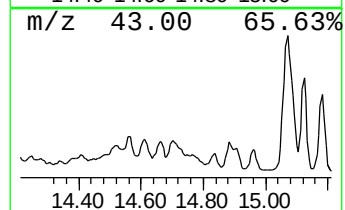
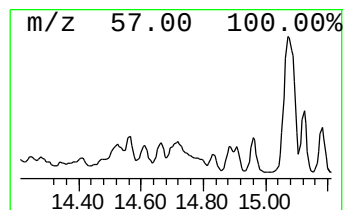
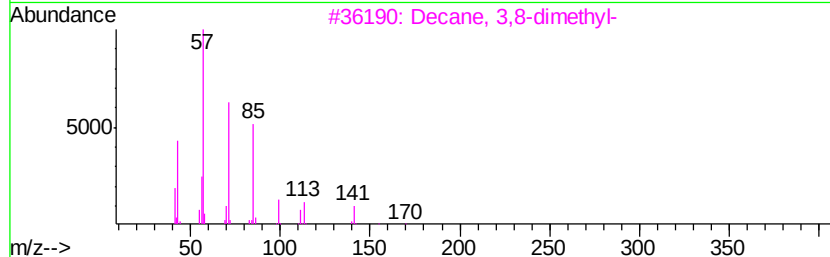
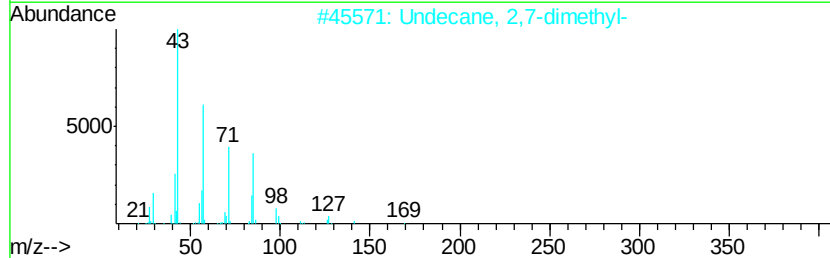
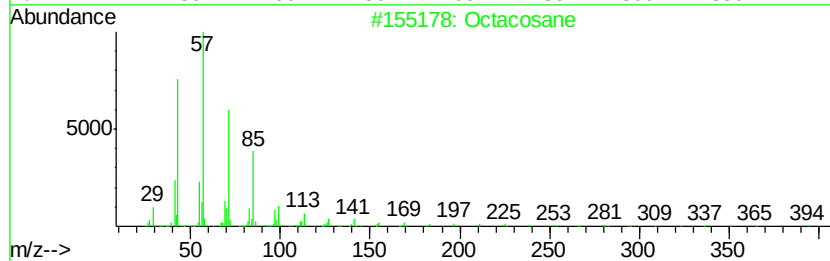
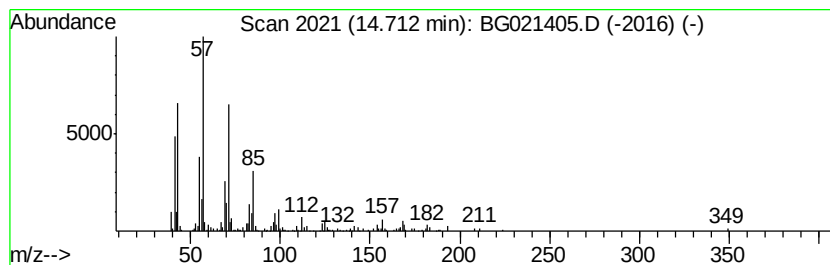
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	20.00 ng/ul	169651	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	80
2		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	80
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
4		10-Methylnonadecane	282	C20H42	056862-62-5	78
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	72



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-02

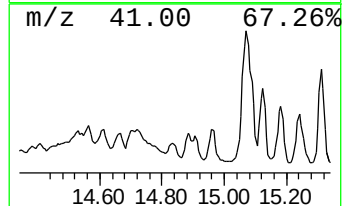
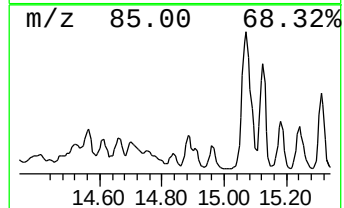
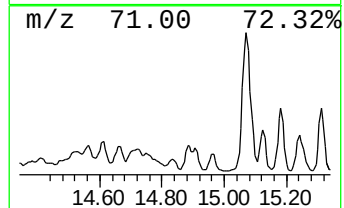
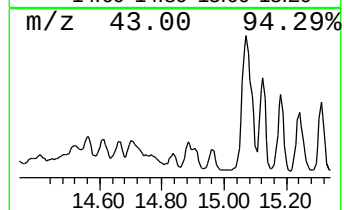
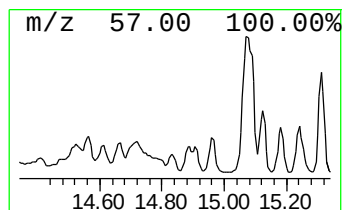
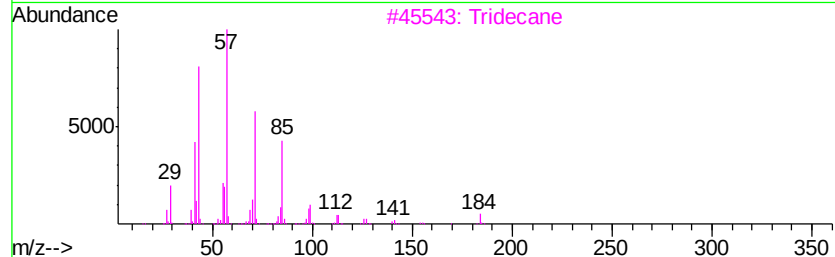
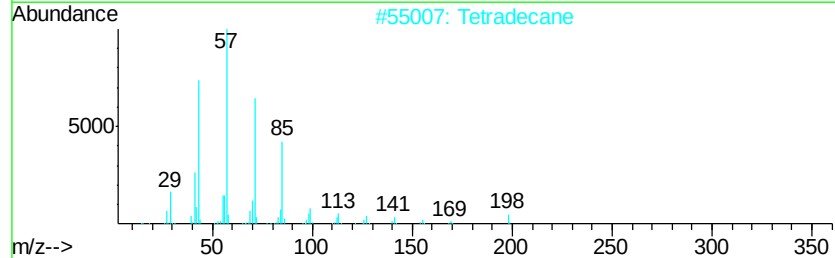
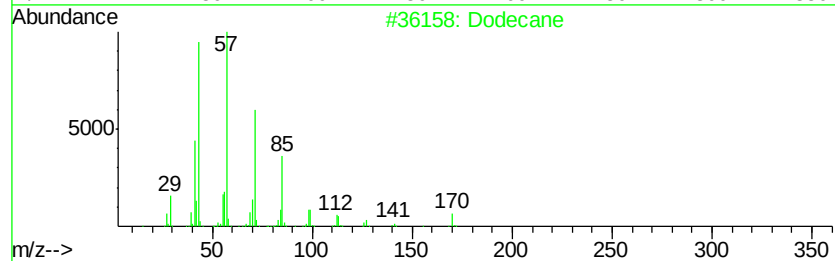
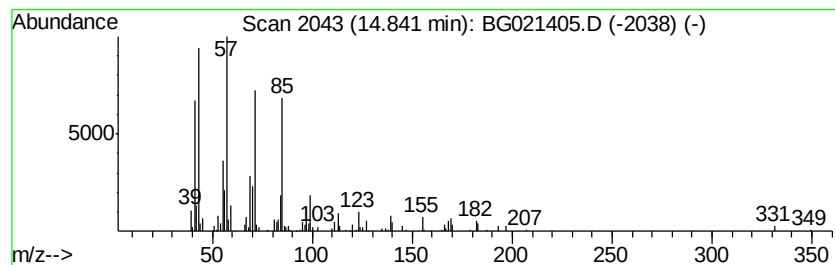
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	18.81 ng/ul	159595	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	90
2		Tetradecane	198	C14H30	000629-59-4	86
3		Tridecane	184	C13H28	000629-50-5	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-02

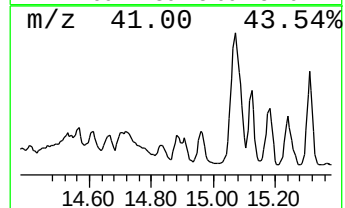
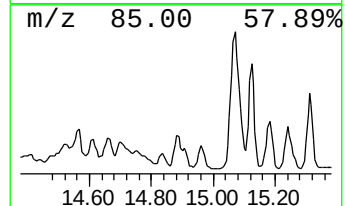
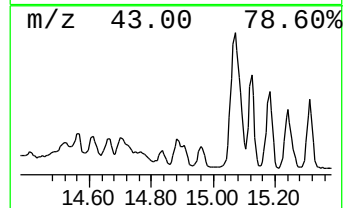
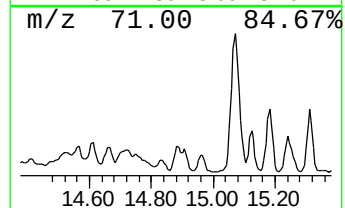
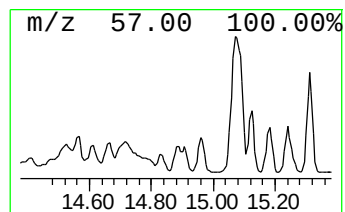
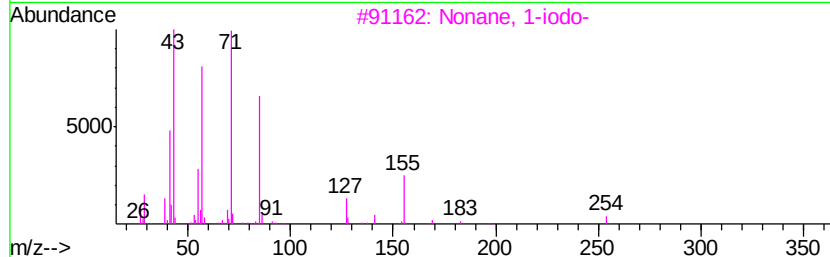
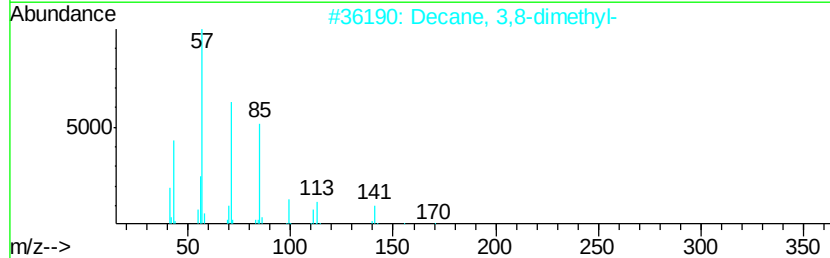
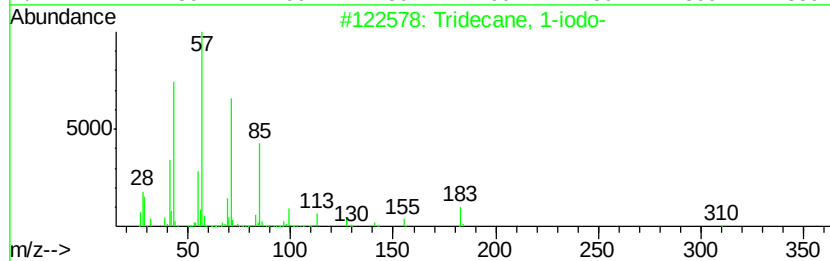
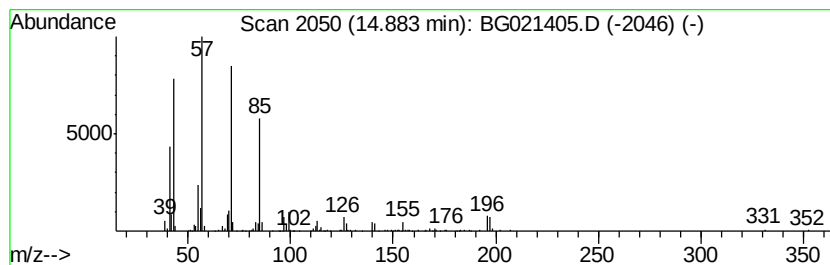
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	25.28 ng/ul	214427	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
3		Nonane, 1-iodo-	254	C9H19I	004282-42-2	59
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	46
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	46



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02

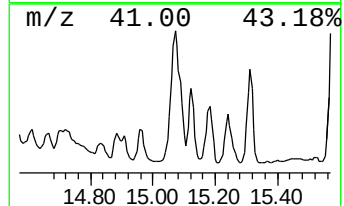
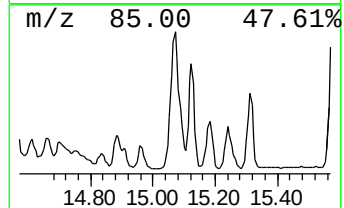
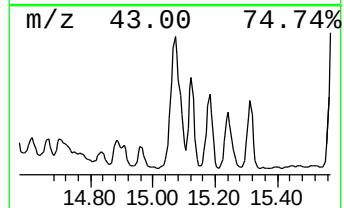
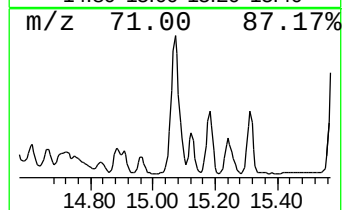
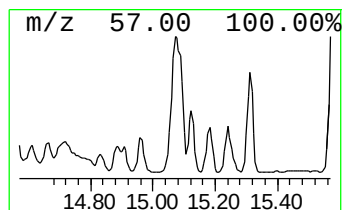
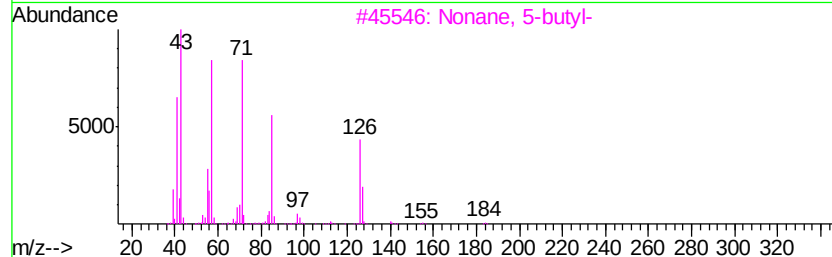
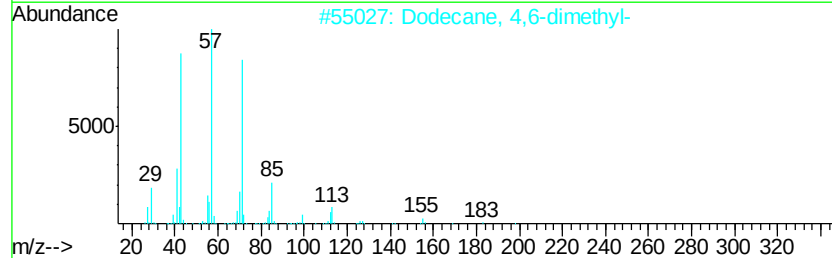
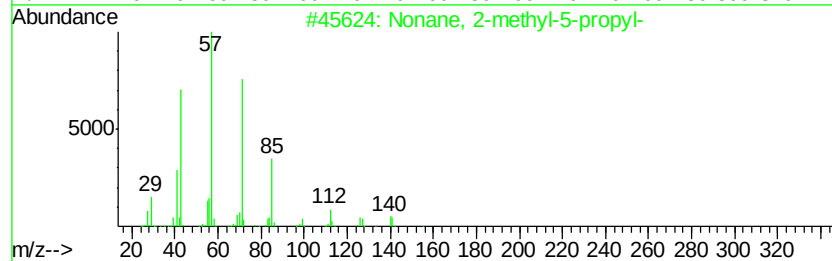
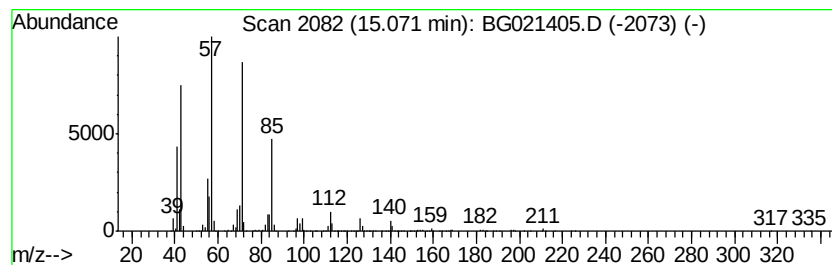
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	236.01 ng/ul	2001970	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	90
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	70
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	64
4		Hexadecane	226	C16H34	000544-76-3	64
5		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	58



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-02

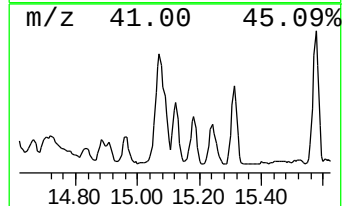
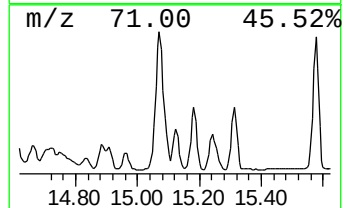
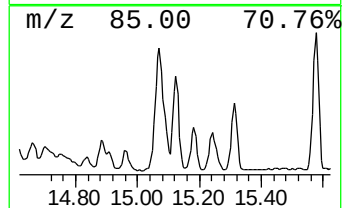
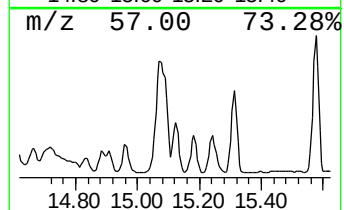
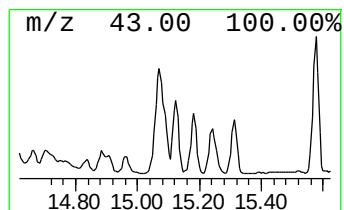
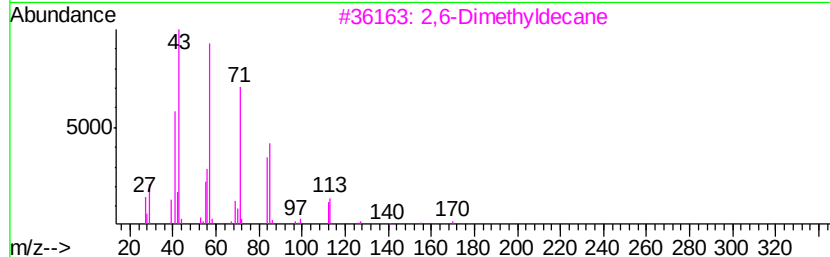
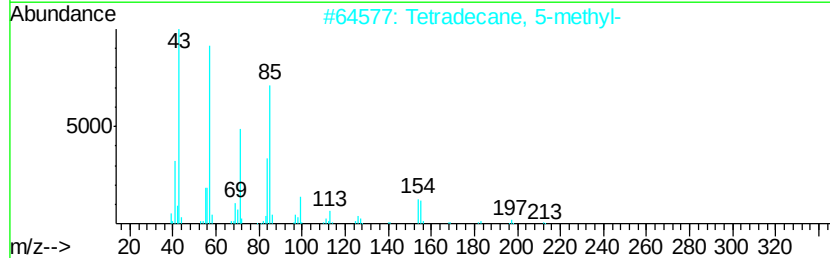
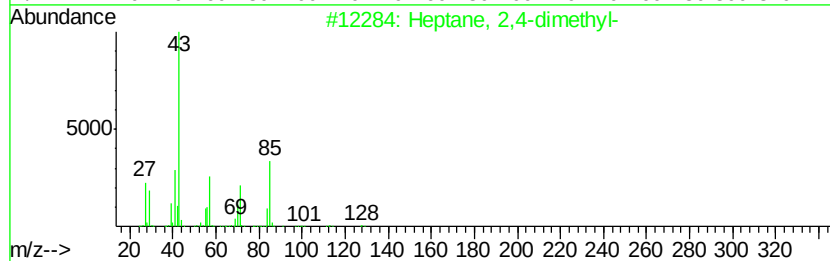
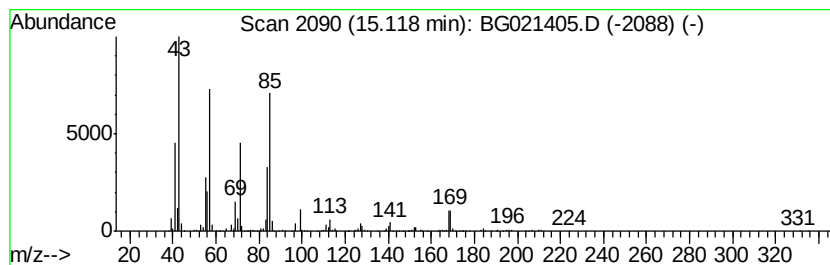
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Heptane, 2,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	86.92 ng/ul	737325	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
2		Tetradecane, 5-methyl-	212	C15H32	025117-32-2	72
3		2,6-Dimethyldecane	170	C12H26	013150-81-7	58
4		Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	53
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	52



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-02

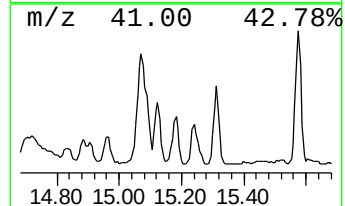
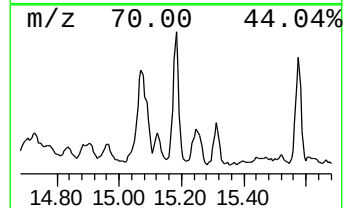
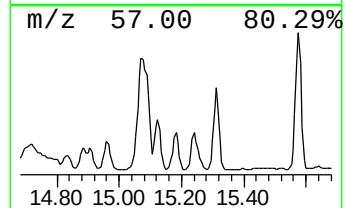
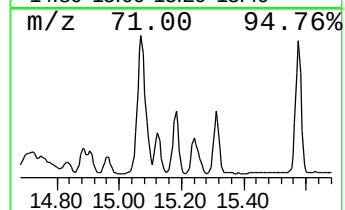
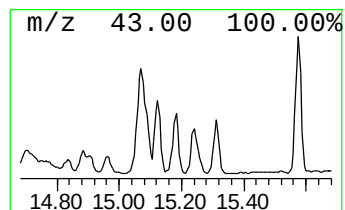
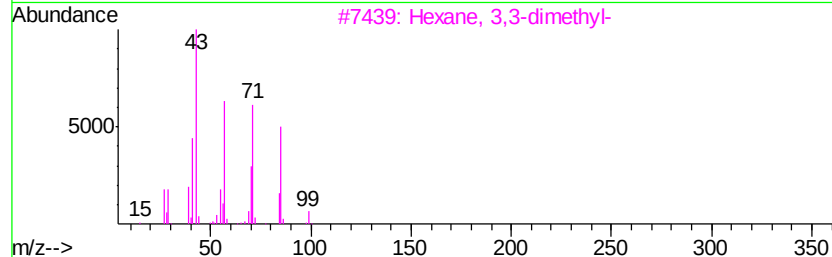
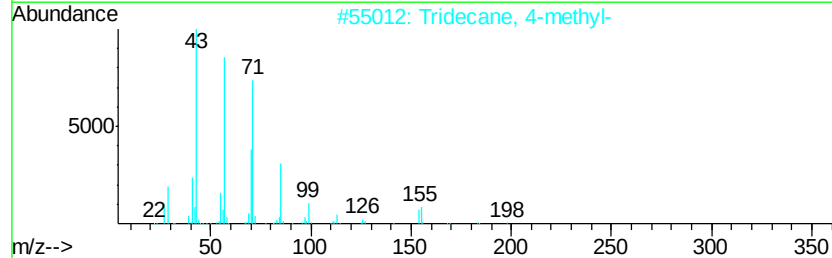
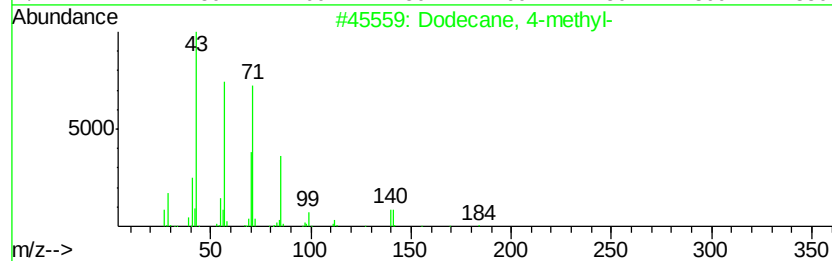
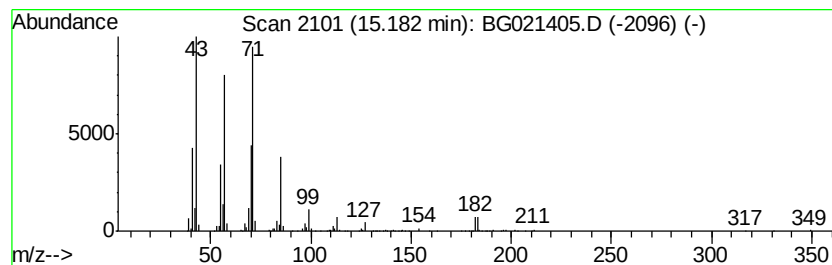
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	69.01 ng/ul	585356	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	90
2		Tridecane, 4-methyl-	198	C14H30	026730-12-1	86
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
4		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	60



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-02

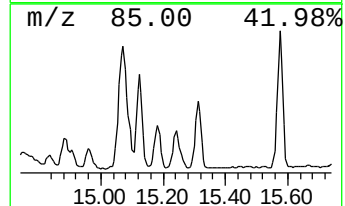
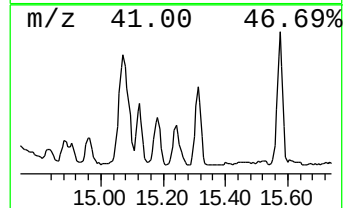
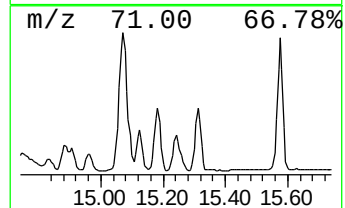
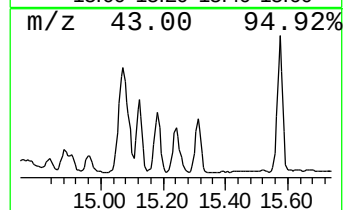
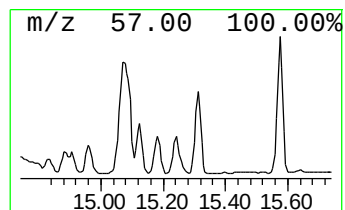
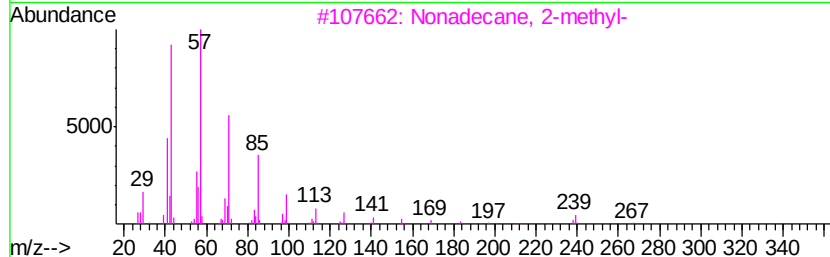
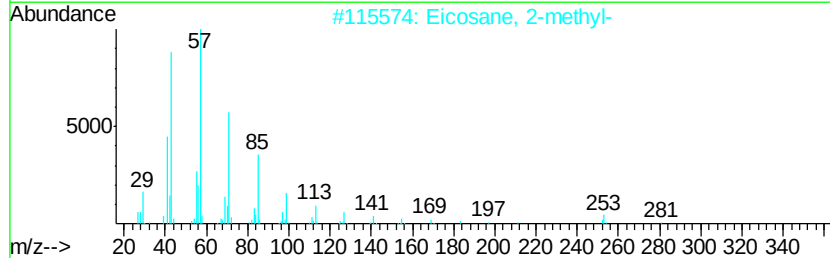
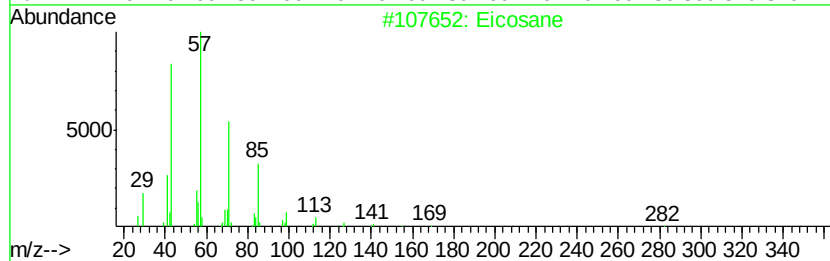
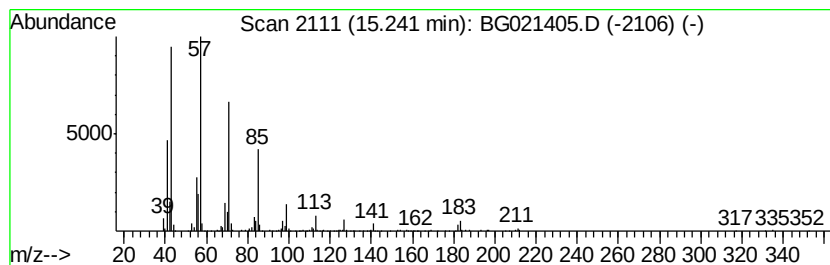
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	64.12 ng/ul	543916	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
3		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
4		Pentadecane, 2-methyl-	226	C16H34	001560-93-6	90
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

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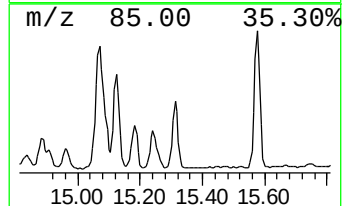
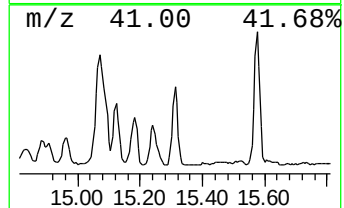
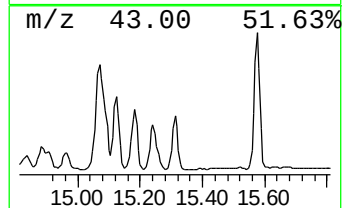
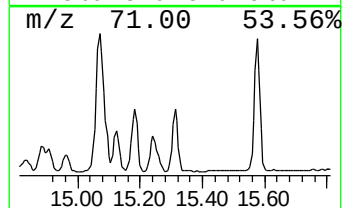
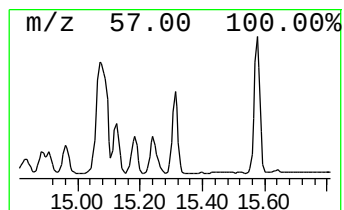
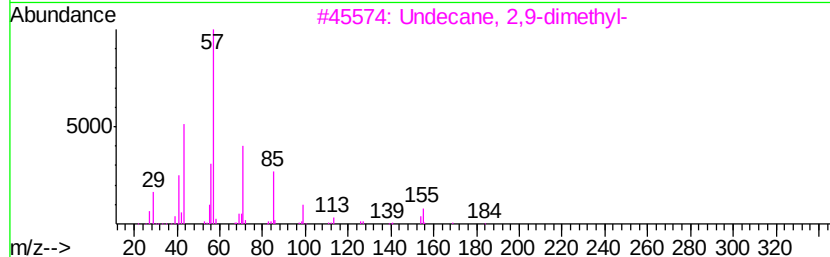
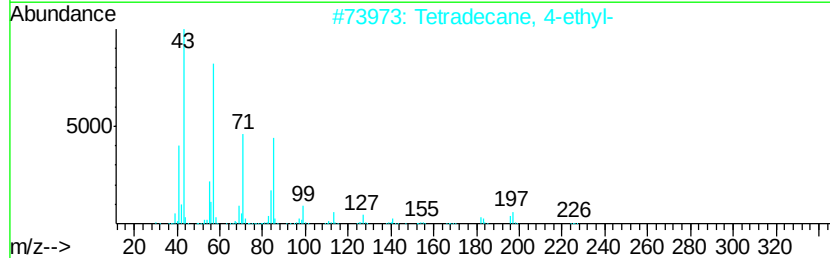
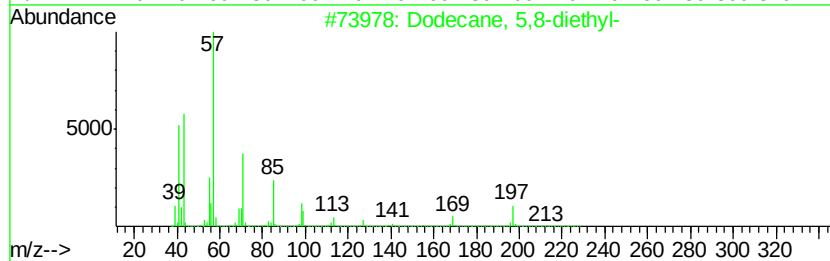
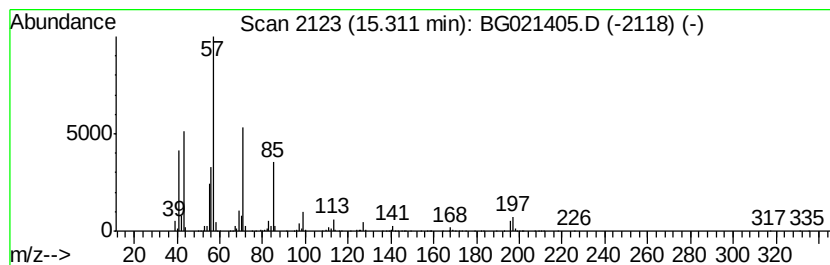
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	85.54 ng/ul	725599	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	83
2		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	81
3		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	80
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	74



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
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Misc :
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ClientSampleId :
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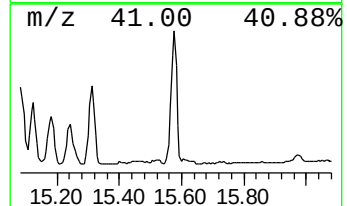
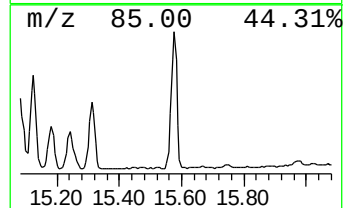
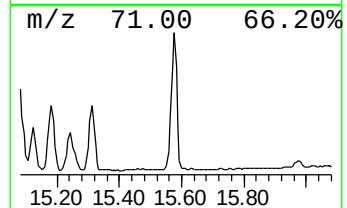
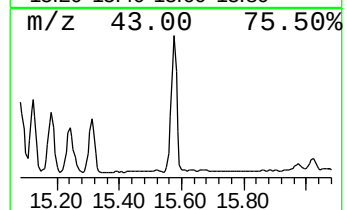
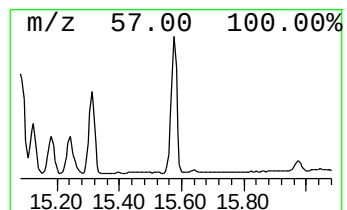
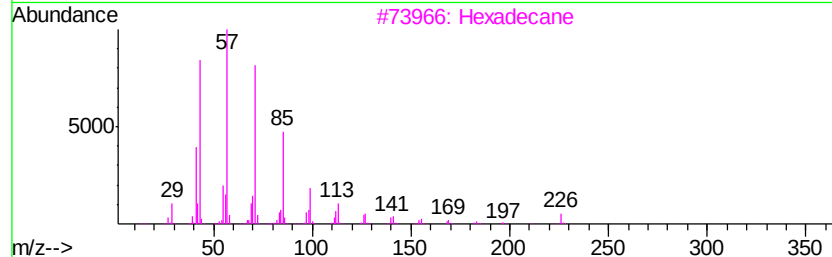
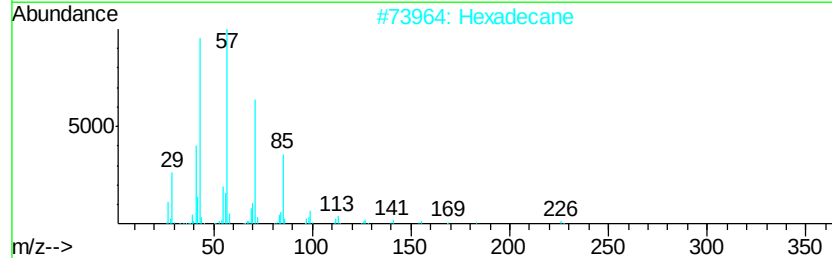
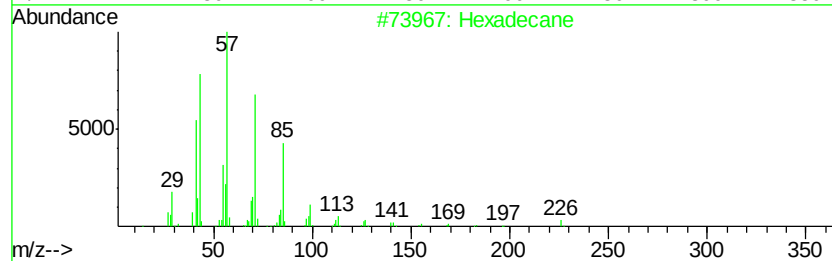
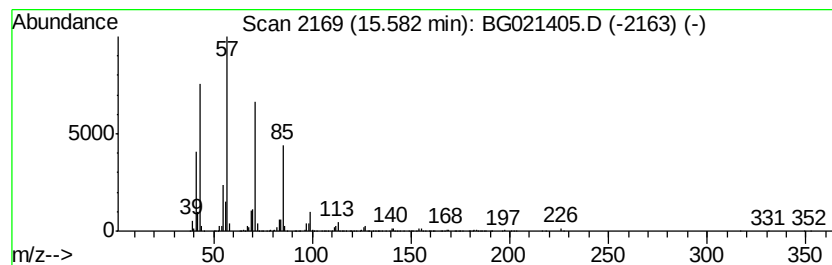
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	146.31 ng/ul	1241090	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	98
2		Hexadecane	226	C16H34	000544-76-3	96
3		Hexadecane	226	C16H34	000544-76-3	95
4		Heptadecane	240	C17H36	000629-78-7	90
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
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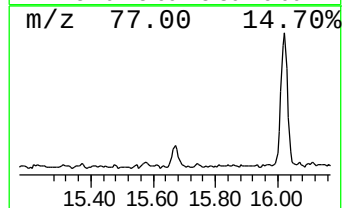
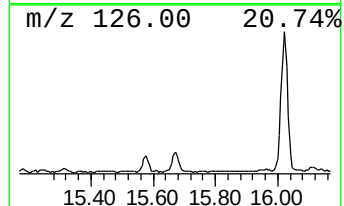
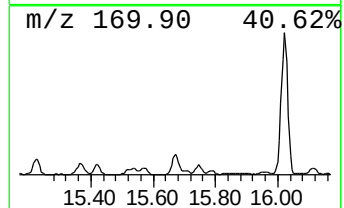
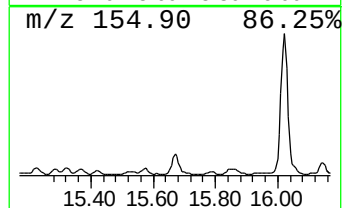
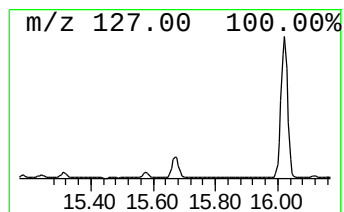
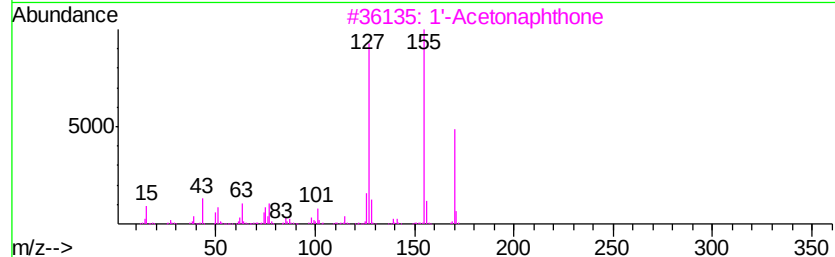
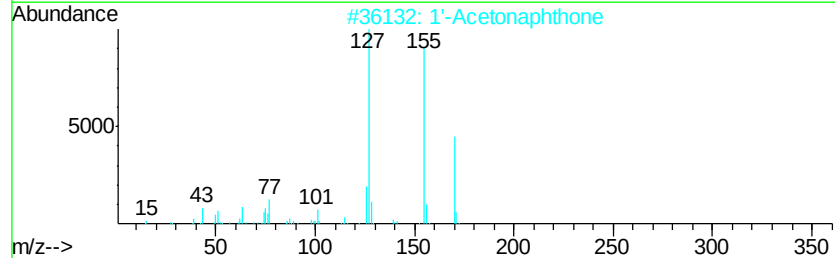
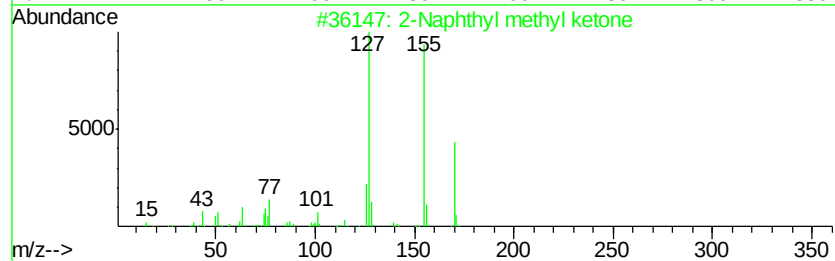
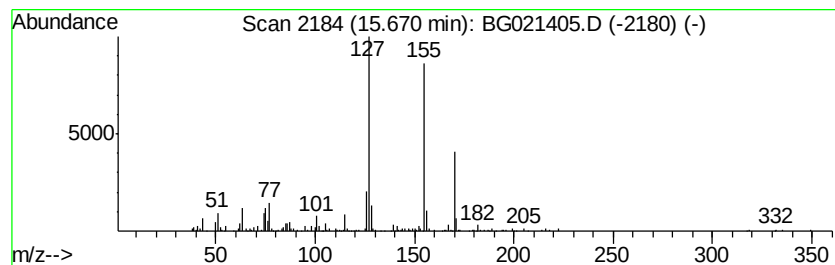
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 2-Naphthyl methyl ketone Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	16.48 ng/ul	139782	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	98
2		1'-Acetonaphthone	170	C12H10O	000941-98-0	96
3		1'-Acetonaphthone	170	C12H10O	000941-98-0	94
4		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	93
5		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	90



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02

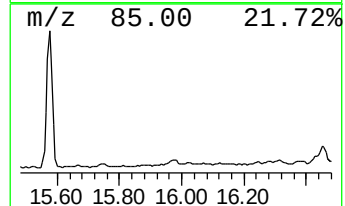
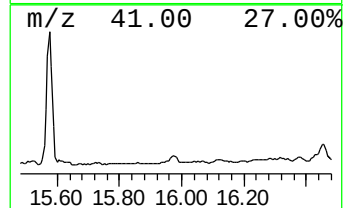
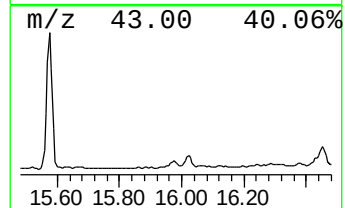
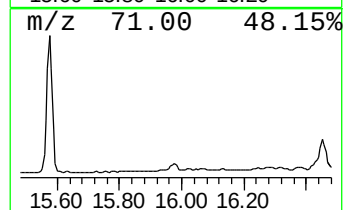
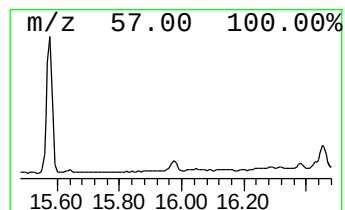
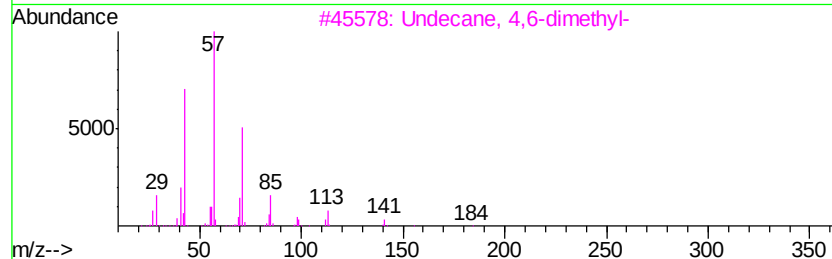
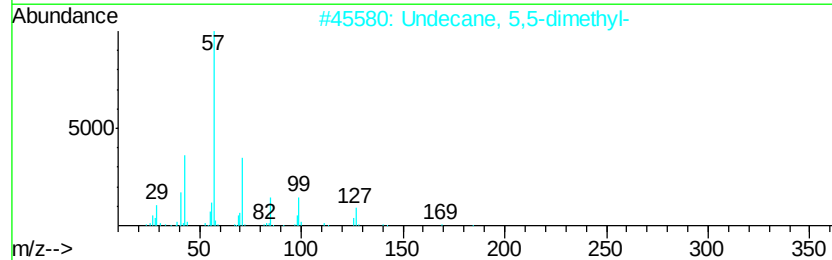
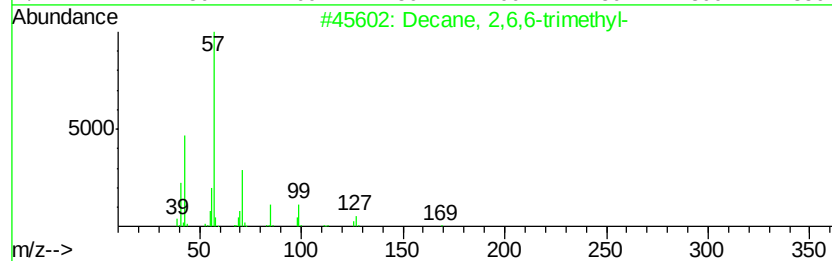
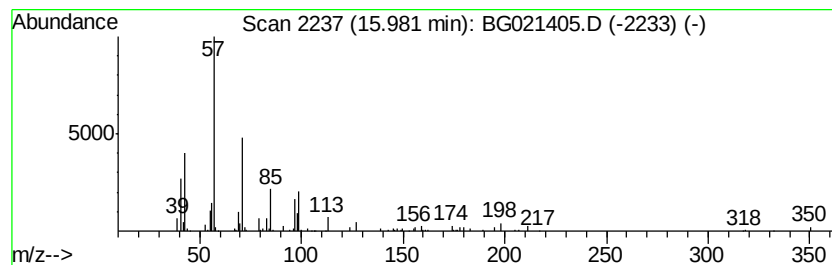
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 unknown15.98 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	5.86 ng/ul	49726	Acenaphthene-d10	14.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	53
2			Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	53
3			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	52
4			Heptadecane	240	C17H36	000629-78-7	50
5			Hexadecane	226	C16H34	000544-76-3	50



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02

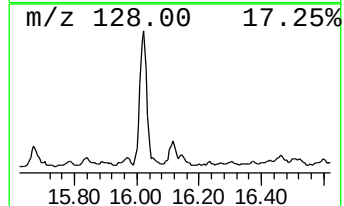
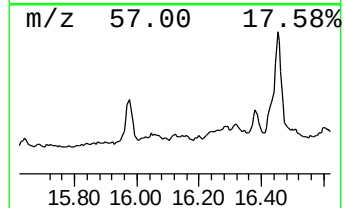
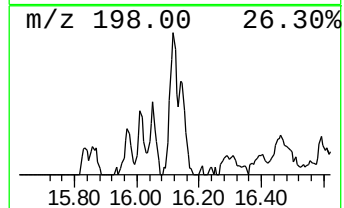
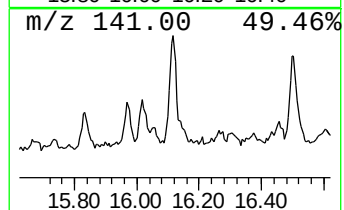
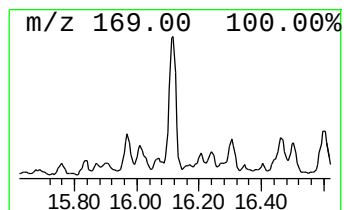
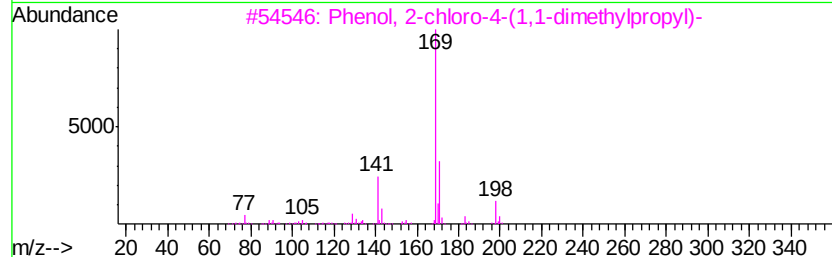
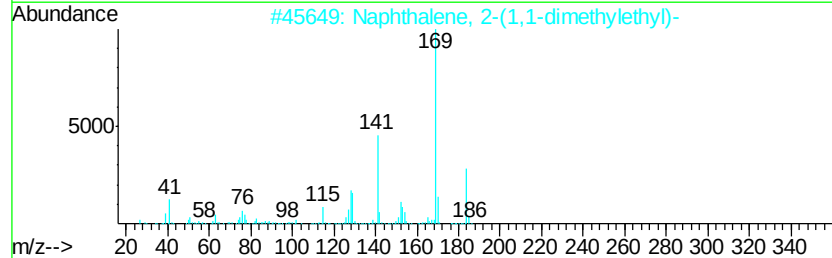
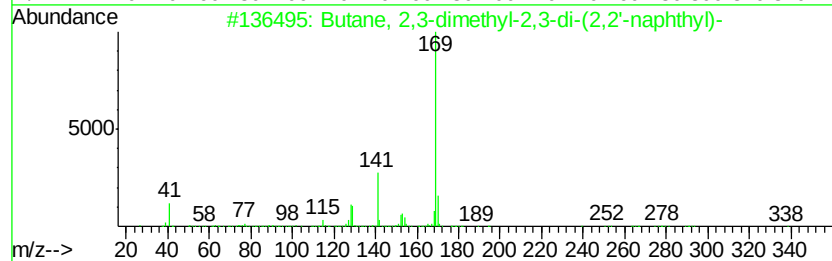
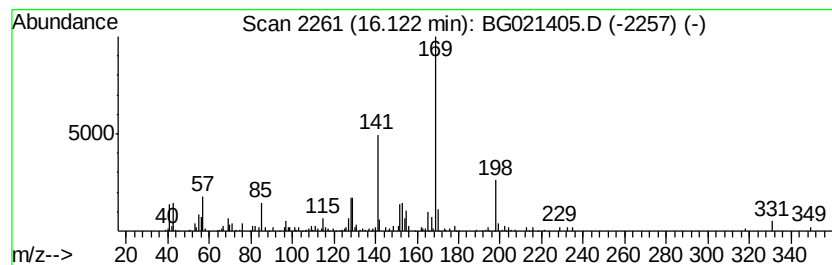
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Butane, 2,3-dimethyl-2,3-di... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	7.35 ng/ul	62344	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,3-dimethyl-2,3-di-(2,2...	338	C26H26	1000150-93-8	72
2		Naphthalene, 2-(1,1-dimethylethyl)-	184	C14H16	002876-35-9	64
3		Phenol, 2-chloro-4-(1,1-dimethyl...	198	C11H15ClO	005323-65-9	62
4		1,2,3,3a,8,9,9a,9b-Octahydrocycl...	198	C15H18	148145-44-2	59
5		Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	53



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-02

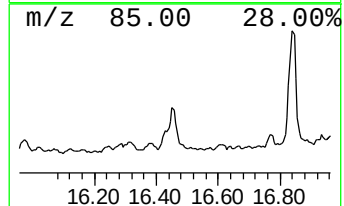
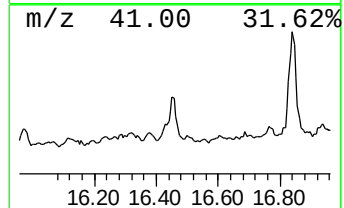
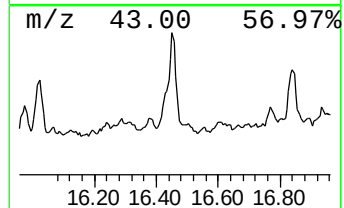
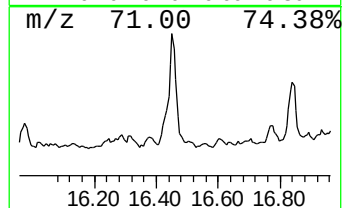
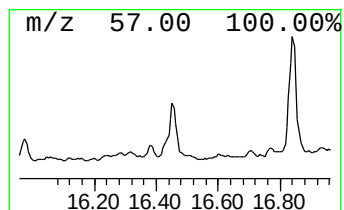
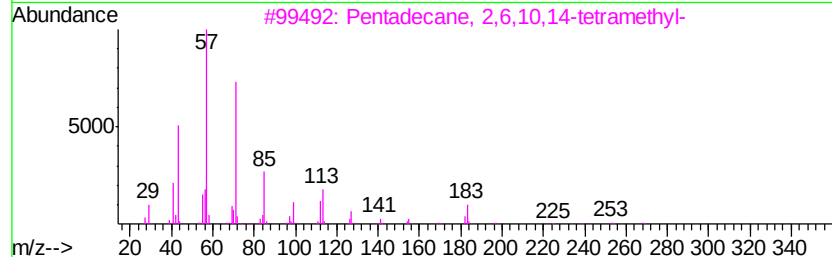
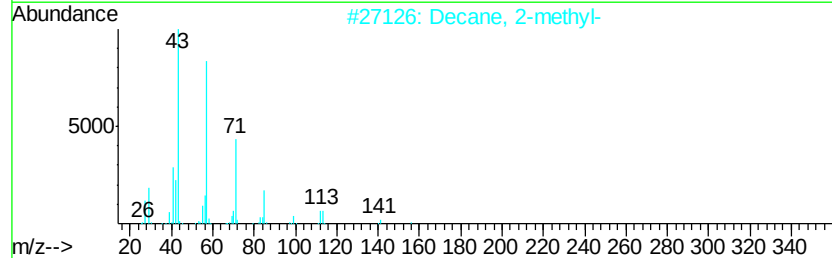
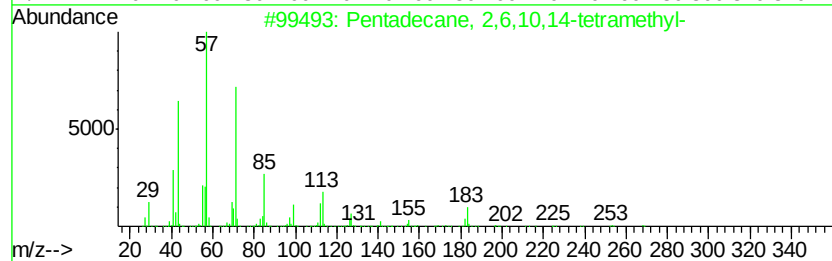
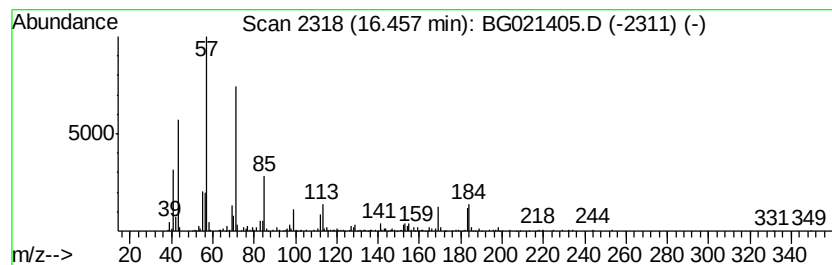
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	34.09 ng/ul	310356	Phenanthrene-d10	17.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2		Decane, 2-methyl-	156	C11H24	006975-98-0	81
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
4		Decane, 2-methyl-	156	C11H24	006975-98-0	72
5		Octane, 2-methyl-	128	C9H20	003221-61-2	52



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02

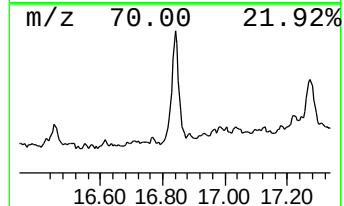
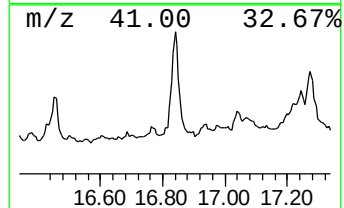
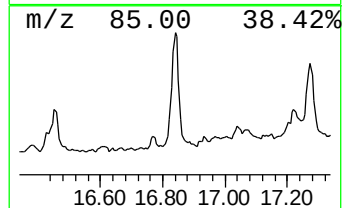
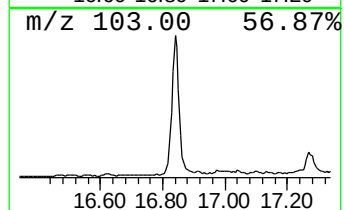
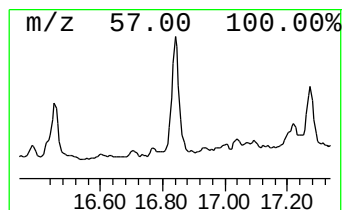
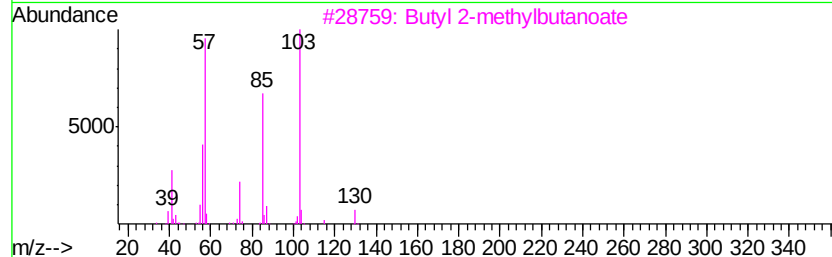
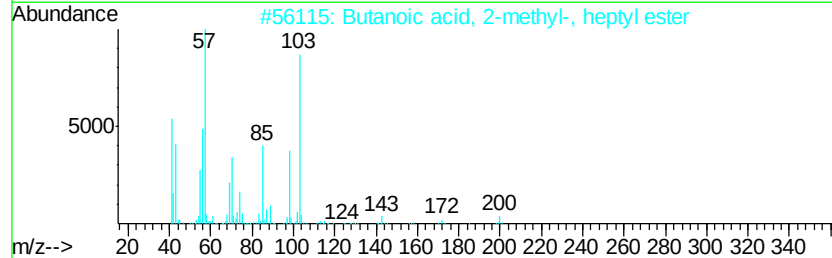
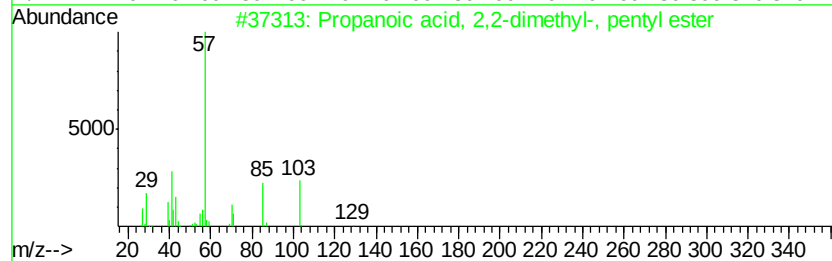
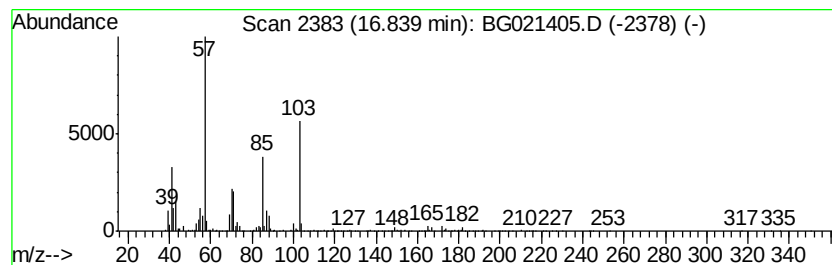
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Propanoic acid, 2,2-dimethy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	68.26 ng/ul	621383	Phenanthrene-d10	17.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2,2-dimethyl-, p...	172	C10H20O2	002313-68-0	59
2		Butanoic acid, 2-methyl-, heptyl...	200	C12H24O2	050862-12-9	50
3		Butyl 2-methylbutanoate	158	C9H18O2	015706-73-7	50
4		Propanoic acid, 2,2-dimethyl-, p...	144	C8H16O2	005129-35-1	50
5		Butyl 2-methylbutanoate	158	C9H18O2	015706-73-7	50



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-02

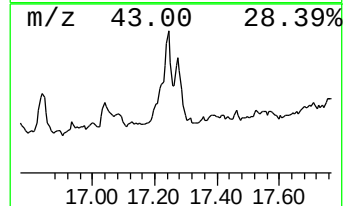
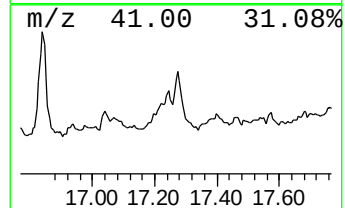
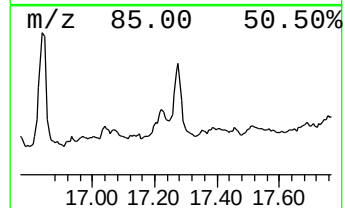
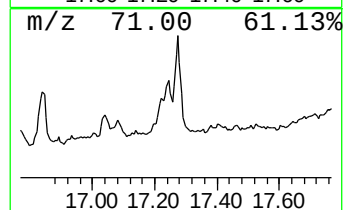
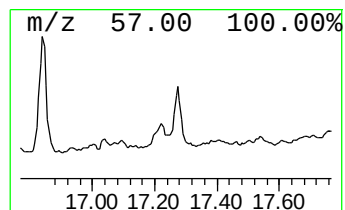
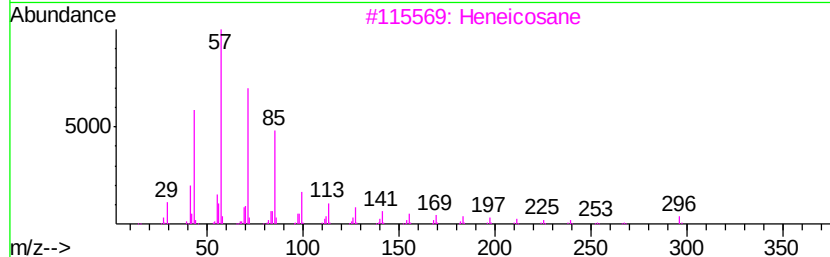
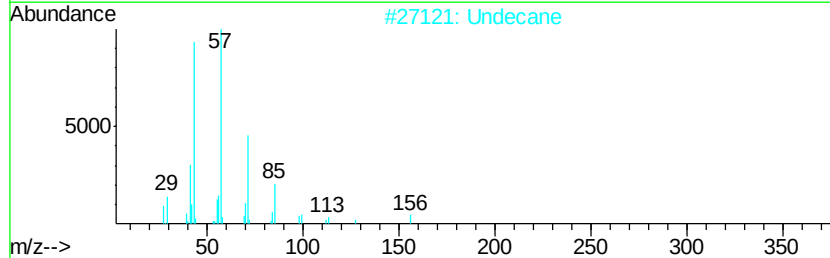
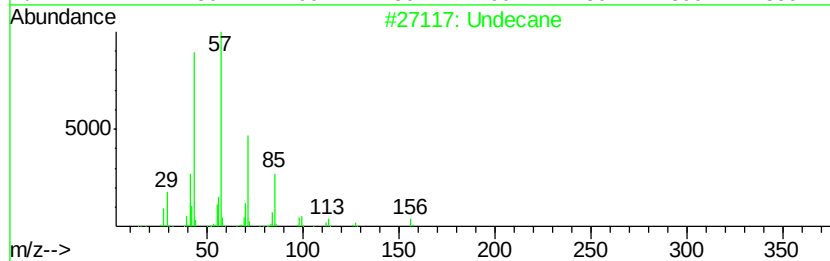
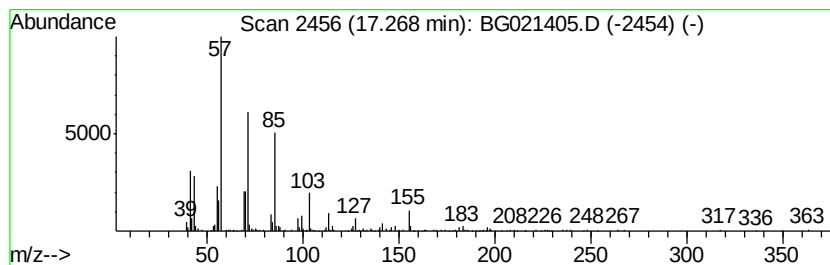
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	32.15 ng/ul	292664	Phenanthrene-d10	17.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	81
2		Undecane	156	C11H24	001120-21-4	81
3		Heneicosane	296	C21H44	000629-94-7	80
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
5		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	72



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-02

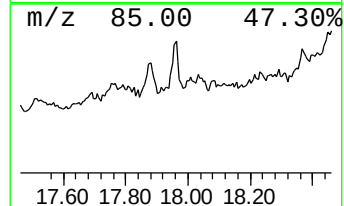
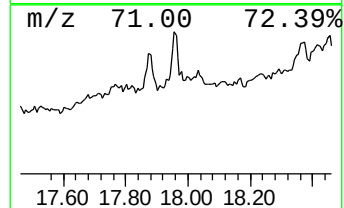
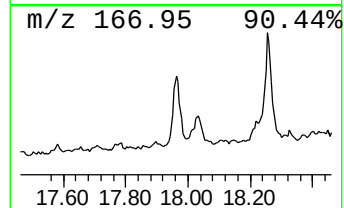
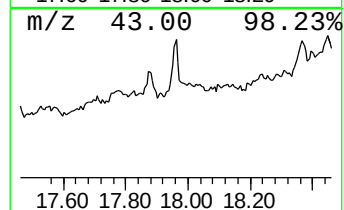
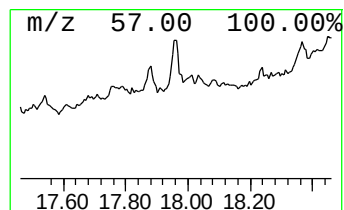
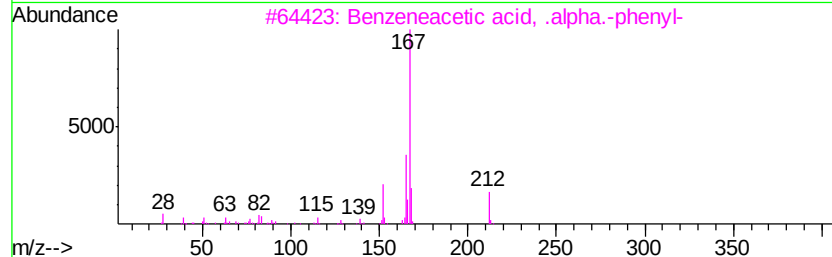
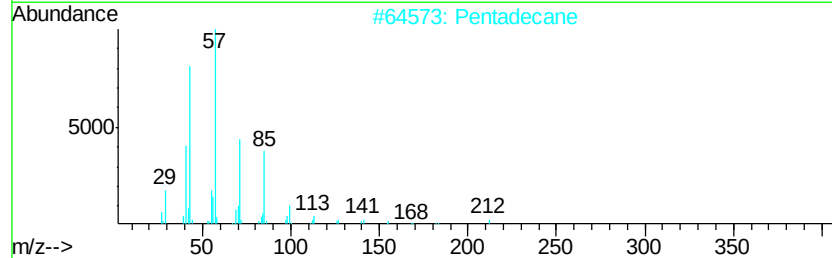
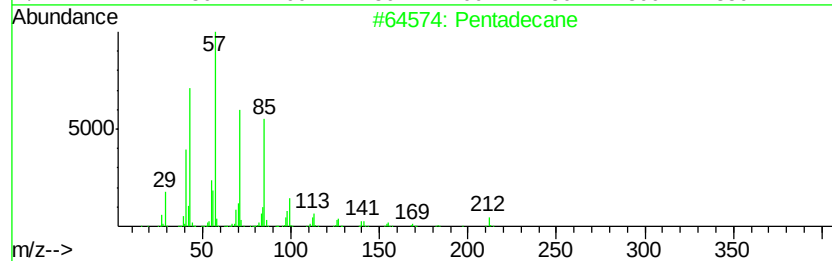
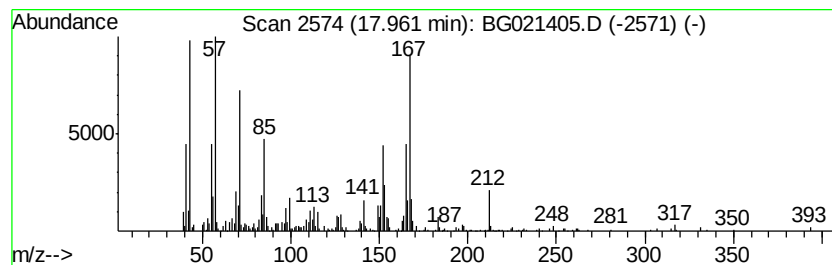
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	25.91 ng/ul	235859	Phenanthrene-d10	17.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	50
2		Pentadecane	212	C15H32	000629-62-9	49
3		Benzeneacetic acid, .alpha.-phenyl-	212	C14H12O2	000117-34-0	46
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	44
5		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	41



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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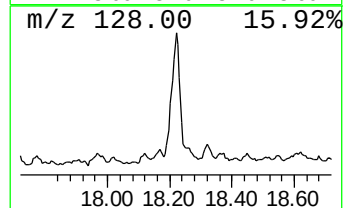
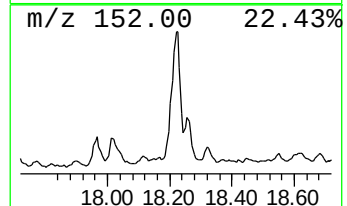
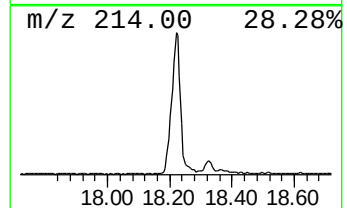
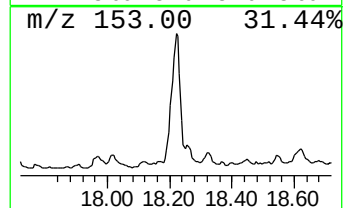
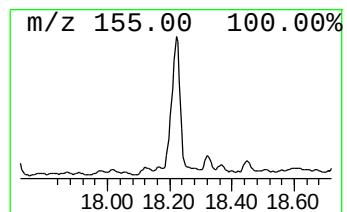
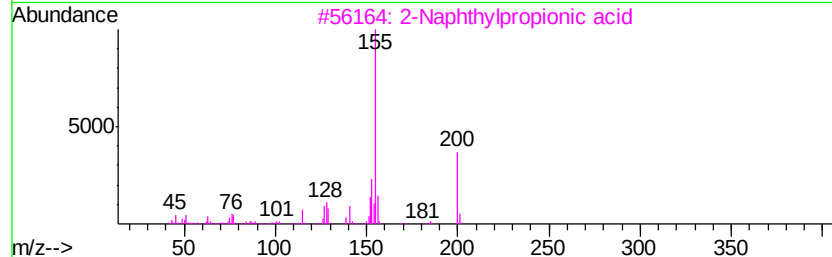
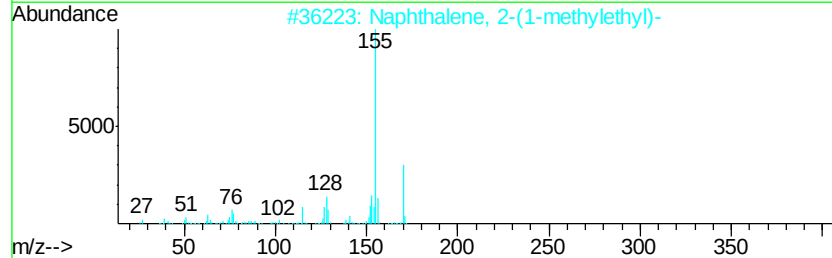
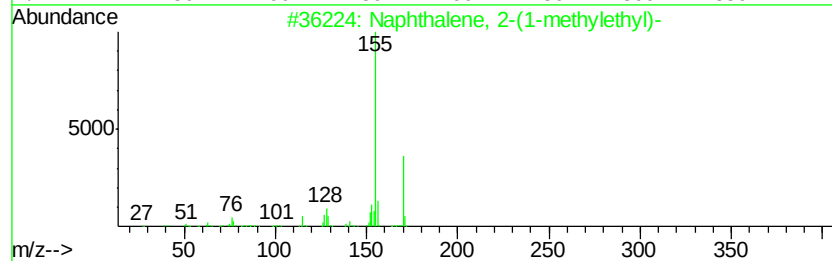
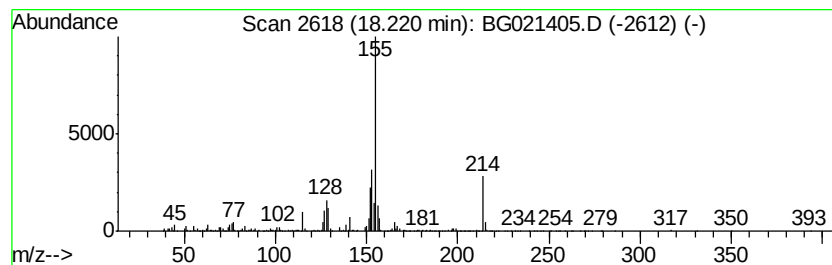
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 Naphthalene, 2-(1-methylethyl) Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	112.22 ng/ul	1021590	Phenanthrene-d10	17.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	76
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	59
3		2-Naphthylpropionic acid	200	C13H12O2	1000129-24-1	59
4		Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	46
5		Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	46



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02

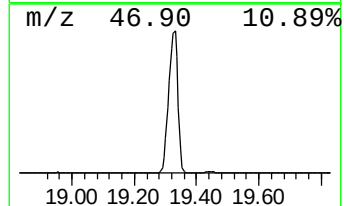
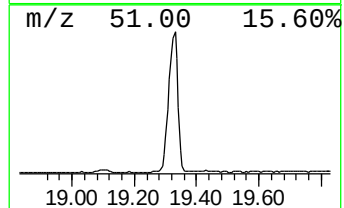
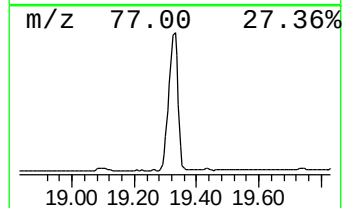
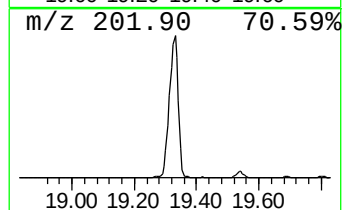
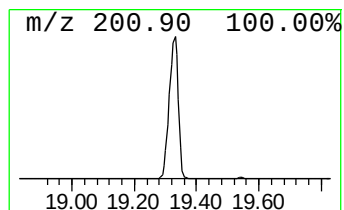
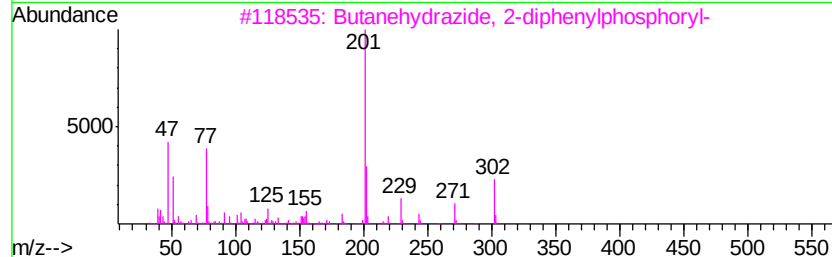
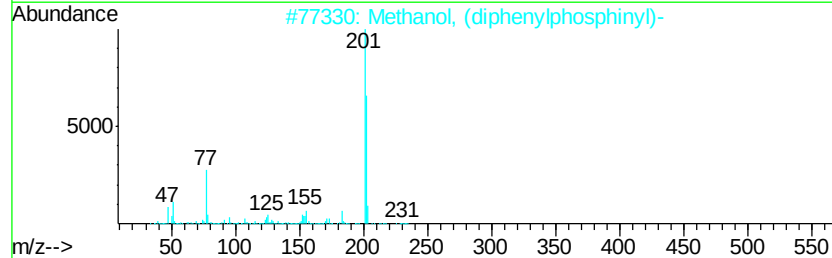
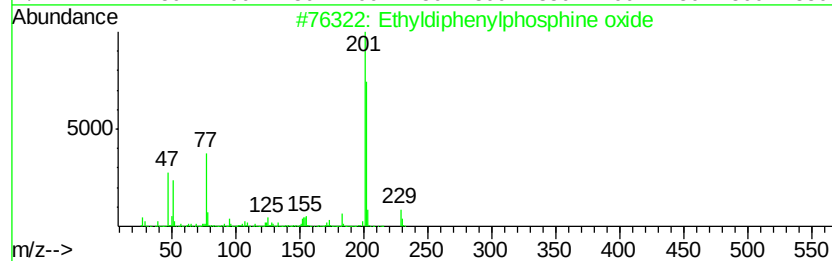
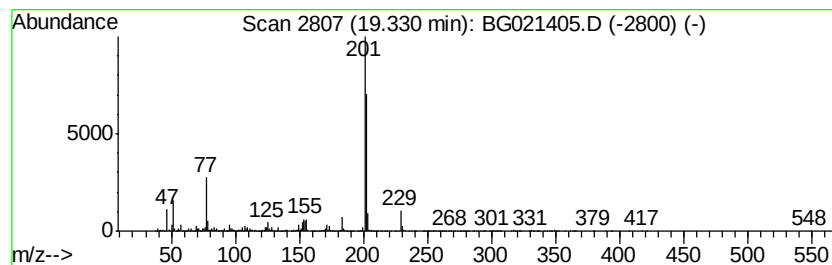
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 Ethyldiphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	355.90 ng/ul	3239990	Phenanthrene-d10	17.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyldiphenylphosphine oxide	230	C14H15OP	001733-57-9	92
2		Methanol, (diphenylphosphinyl)-	232	C13H13O2P	000884-74-2	87
3		Butanehydrazide, 2-diphenylphosp...	302	C16H19N2O2P	309731-95-1	72
4		Phosphine oxide, diphenyl(phenyl...	292	C19H17OP	002959-74-2	40
5		Methyl diphenylphosphinite	216	C13H13OP	004020-99-9	38



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Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-02

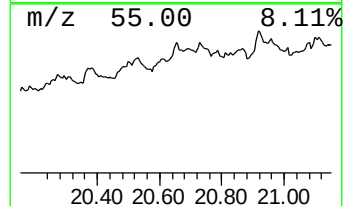
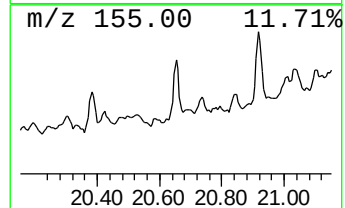
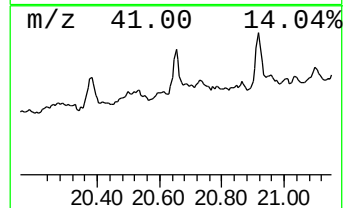
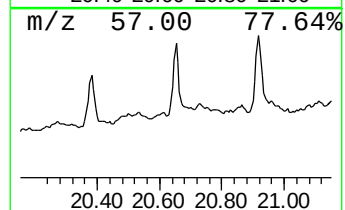
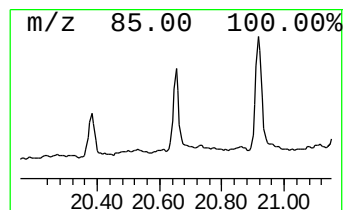
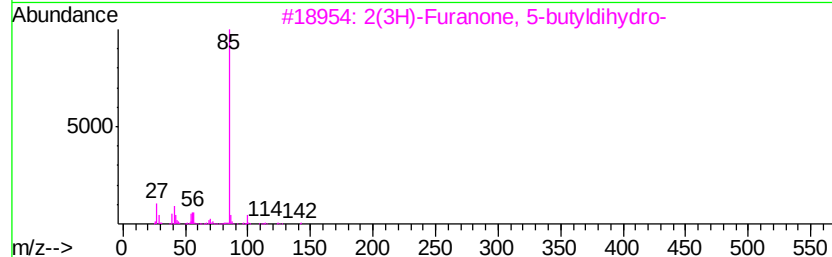
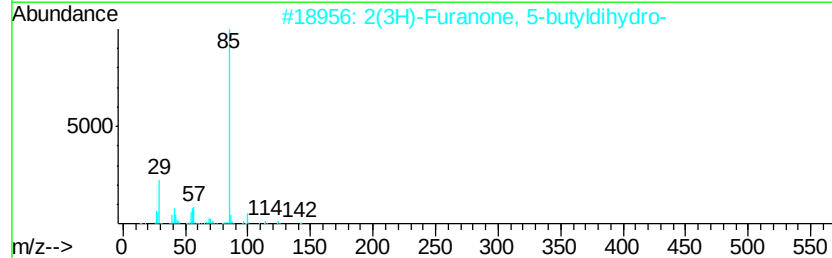
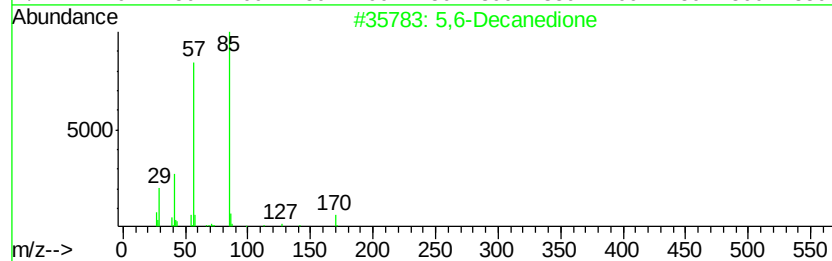
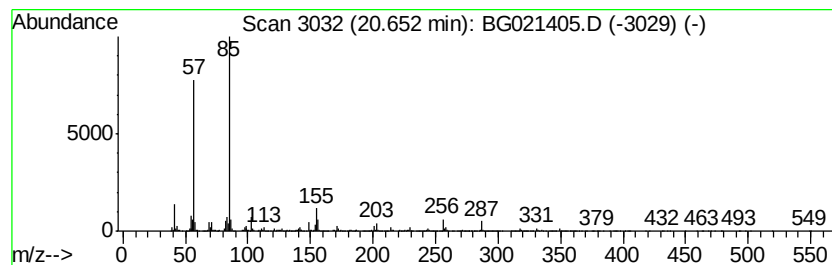
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	15.42 ng/ul	1237110	Chrysene-d12	21.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,6-Decanedione	170	C10H18O2	005579-73-7	50
2		2(3H)-Furanone, 5-butylidihydro-	142	C8H14O2	000104-50-7	47
3		2(3H)-Furanone, 5-butylidihydro-	142	C8H14O2	000104-50-7	47
4		4-Methyl-1,6-heptadien-4-ol	126	C8H14O	025201-40-5	47
5		2H-Pyran, 2,2'-[1,6-hexanediylbi...	286	C16H30O4	015057-15-5	47



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021405.D
Acq On : 10 Mar 2016 12:58
Operator : UM/SJ
Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02

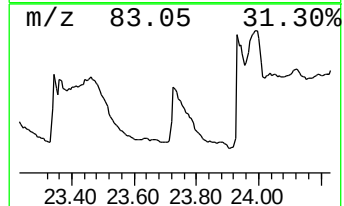
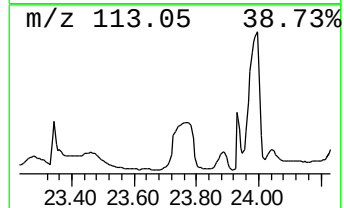
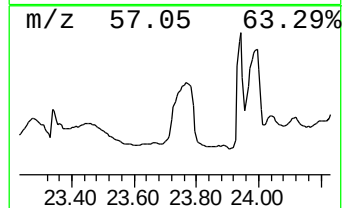
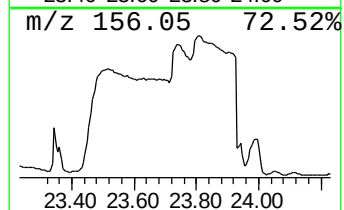
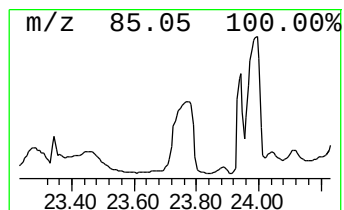
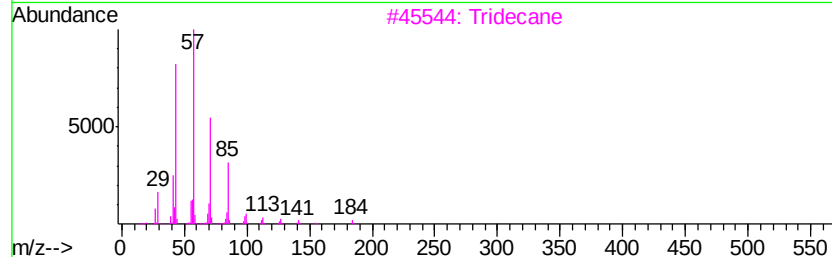
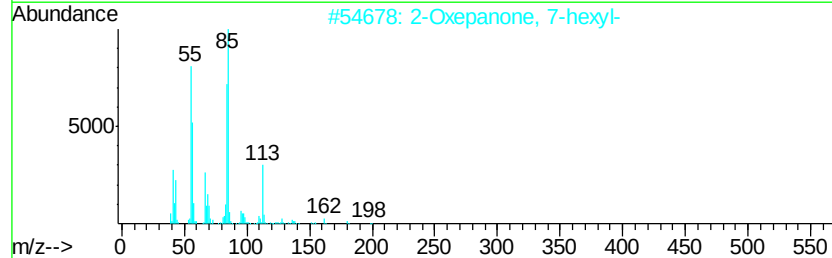
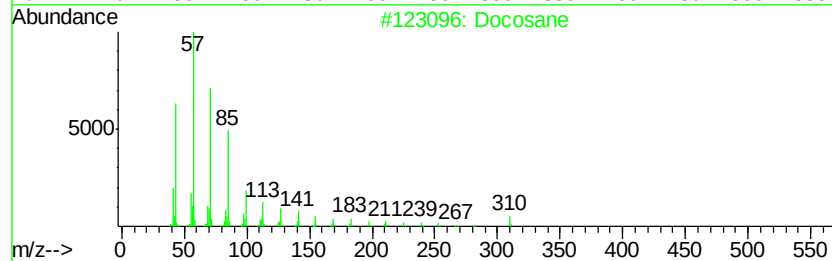
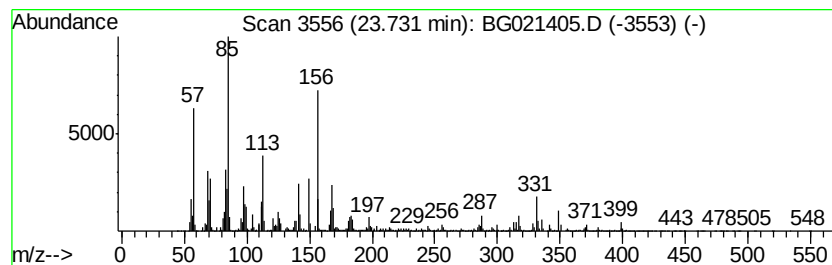
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	36.76 ng/ul	23895300	Perylene-d12	25.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	55
2		2-Oxepanone, 7-hexyl-	198	C12H22O2	016429-21-3	35
3		Tridecane	184	C13H28	000629-50-5	27
4		Tridecane	184	C13H28	000629-50-5	27
5		1,3,2-Oxazaborolane, 2-butyl-	127	C6H14BN0	031748-10-4	25



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
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Sample : H1616-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02

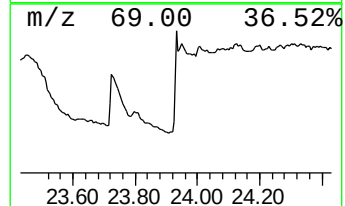
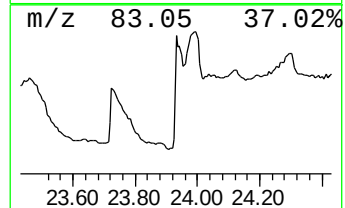
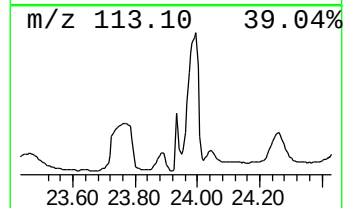
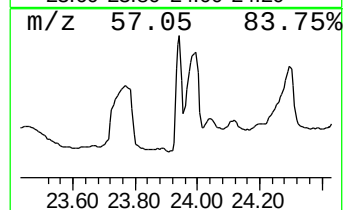
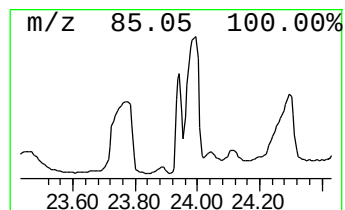
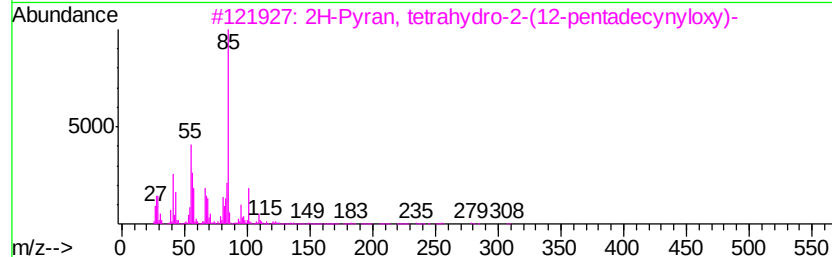
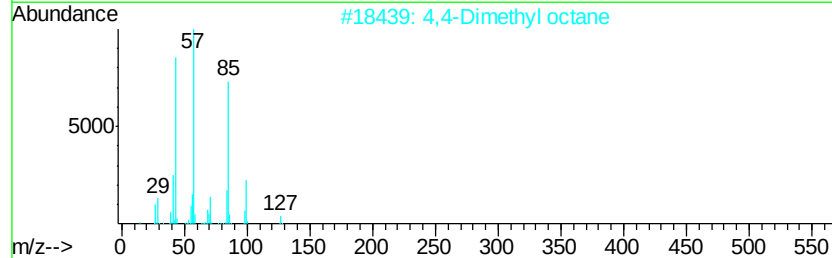
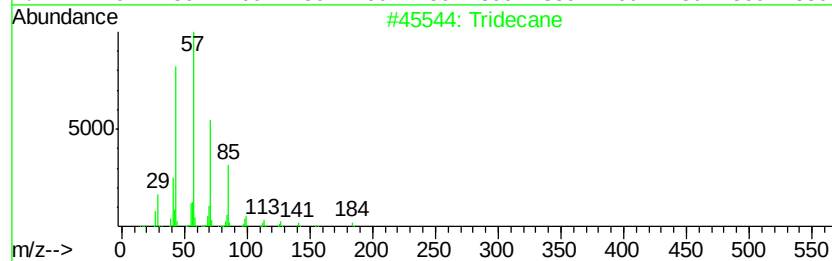
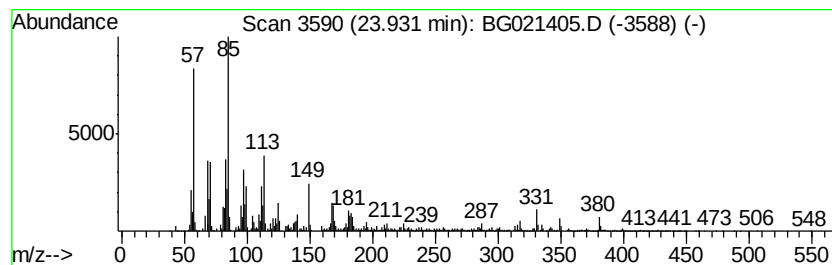
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	10.57 ng/ul	6867750	Perylene-d12	25.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	43
2		4,4-Dimethyl octane	142	C10H22	015869-95-1	38
3		2H-Pyran, tetrahydro-2-(12-penta...	308	C20H36O2	056666-38-7	38
4		Valeric acid, undec-2-enyl ester	254	C16H30O2	1000292-49-1	38
5		4-Methyl-6-(tetrahydropyran-2-yl...	212	C12H20O3	064218-01-5	35



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021405.D
 Acq On : 10 Mar 2016 12:58
 Operator : UM/SJ
 Sample : H1616-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.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
Pentanoic acid	5.62	10.1	ng/ul	56963	1	8.14	112531	20.0
(DEL) Alkane: Str...	8.07	7.2	ng/ul	40357	1	8.14	112531	20.0
(DEL) Alkane: Str...	9.21	23.3	ng/ul	131051	1	8.14	112531	20.0
Octanoic Acid	10.38	95.7	ng/ul	744153	2	10.96	155571	20.0
(DEL) Alkane: Str...	11.11	5.1	ng/ul	39356	2	10.96	155571	20.0
Nonanoic acid	11.78	31.3	ng/ul	243256	2	10.96	155571	20.0
(DEL) Alkane: Str...	12.33	6.5	ng/ul	50891	2	10.96	155571	20.0
unknown-01	12.85	9.7	ng/ul	75503	2	10.96	155571	20.0
n-Decanoic acid	13.13	161.4	ng/ul	1369440	3	14.76	169651	20.0
unknown-02	13.53	4.9	ng/ul	41253	3	14.76	169651	20.0
(DEL) Alkane: Str...	14.07	12.3	ng/ul	104171	3	14.76	169651	20.0
unknown-03	14.28	4.8	ng/ul	40920	3	14.76	169651	20.0
(DEL) Alkane: Str...	14.57	14.9	ng/ul	125996	3	14.76	169651	20.0
(DEL) Alkane: Str...	14.61	20.5	ng/ul	173724	3	14.76	169651	20.0
(DEL) Alkane: Str...	14.67	16.6	ng/ul	140362	3	14.76	169651	20.0
(DEL) Alkane: Str...	14.71	20.0	ng/ul	169651	3	14.76	169651	20.0
(DEL) Alkane: Str...	14.84	18.8	ng/ul	159595	3	14.76	169651	20.0
(DEL) Alkane: Str...	14.88	25.3	ng/ul	214427	3	14.76	169651	20.0
(DEL) Alkane: Str...	15.07	236.0	ng/ul	2001970	3	14.76	169651	20.0
Heptane, 2,4-dime...	15.12	86.9	ng/ul	737325	3	14.76	169651	20.0
(DEL) Alkane: Str...	15.18	69.0	ng/ul	585356	3	14.76	169651	20.0
(DEL) Alkane: Str...	15.24	64.1	ng/ul	543916	3	14.76	169651	20.0
(DEL) Alkane: Str...	15.31	85.5	ng/ul	725599	3	14.76	169651	20.0
(DEL) Alkane: Str...	15.58	146.3	ng/ul	1241090	3	14.76	169651	20.0
2-Naphthyl methyl...	15.67	16.5	ng/ul	139782	3	14.76	169651	20.0
unknown15.98	15.98	5.9	ng/ul	49726	3	14.76	169651	20.0
Butane, 2,3-dimet...	16.12	7.3	ng/ul	62344	3	14.76	169651	20.0
(DEL) Alkane: Str...	16.46	34.1	ng/ul	310356	4	17.50	182074	20.0
Propanoic acid, 2...	16.84	68.3	ng/ul	621383	4	17.50	182074	20.0
(DEL) Alkane: Str...	17.27	32.1	ng/ul	292664	4	17.50	182074	20.0
(DEL) Alkane: Str...	17.96	25.9	ng/ul	235859	4	17.50	182074	20.0
Naphthalene, 2-(1...	18.22	112.2	ng/ul	1021590	4	17.50	182074	20.0
Ethylidiphenylphos...	19.33	355.9	ng/ul	3239990	4	17.50	182074	20.0
(DEL) Alkane: Str...	20.65	15.4	ng/ul	1237110	5	21.77	1605030	20.0
(DEL) Alkane: Str...	23.73	36.8	ng/ul	23895300	6	25.32	12999700	20.0
(DEL) Alkane: Str...	23.93	10.6	ng/ul	6867750	6	25.32	12999700	20.0