

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021402.D
 Acq On : 10 Mar 2016 10:59
 Operator : UM/SJ
 Sample : H1616-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BLDG06-P001-SS001-01

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	7.271	748	754	764	rBB	48431	85461	0.16%	0.031%
2	7.442	777	783	791	rBB	37477	60074	0.11%	0.022%
3	7.647	812	818	825	rBV	46499	78319	0.14%	0.028%
4	8.117	893	898	905	rVB	55651	93389	0.17%	0.034%
5	8.723	988	1001	1007	rBV3	31977	88801	0.16%	0.032%
6	8.817	1011	1017	1025	rVB2	49567	85461	0.16%	0.031%
7	9.281	1090	1096	1102	rBV	51084	88189	0.16%	0.032%
8	10.004	1213	1219	1228	rBB2	44631	78626	0.14%	0.028%
9	10.250	1247	1261	1268	rBV2	37506	85996	0.16%	0.031%
10	10.544	1305	1311	1320	rBV	51412	88320	0.16%	0.032%
11	10.932	1371	1377	1380	rVV	82228	148346	0.27%	0.053%
12	10.979	1380	1385	1393	rVV	296797	525897	0.96%	0.189%
13	13.035	1724	1735	1742	rBV2	109313	242500	0.44%	0.087%
14	14.046	1902	1907	1911	rBV3	33926	60068	0.11%	0.022%
15	14.128	1916	1921	1925	rVV	110777	181560	0.33%	0.065%
16	14.175	1925	1929	1935	rVB	54918	91069	0.17%	0.033%
17	14.428	1967	1972	1979	rVV	112434	165762	0.30%	0.060%
18	14.504	1980	1985	1988	rVV4	27148	60070	0.11%	0.022%
19	14.539	1988	1991	1994	rVV	38453	63884	0.12%	0.023%
20	14.680	2011	2015	2019	rVV	47634	97290	0.18%	0.035%
21	14.733	2019	2024	2030	rVV2	138765	259421	0.47%	0.093%
22	14.863	2042	2046	2048	rBV2	42785	58603	0.11%	0.021%
23	14.939	2053	2059	2069	rVB2	72586	133582	0.24%	0.048%
24	15.045	2069	2077	2083	rBV	349376	729816	1.33%	0.262%
25	15.103	2083	2087	2092	rVV	184598	259108	0.47%	0.093%
26	15.162	2092	2097	2101	rVV	140206	180698	0.33%	0.065%
27	15.215	2101	2106	2114	rVB	104639	171617	0.31%	0.062%
28	15.291	2114	2119	2124	rVB	198897	252641	0.46%	0.091%
29	15.550	2159	2163	2168	rBV	351896	455934	0.83%	0.164%
30	15.644	2175	2179	2186	rVB	94061	137714	0.25%	0.049%
31	15.720	2186	2192	2198	rBV	136439	215570	0.39%	0.077%
32	15.991	2234	2238	2244	rVB	283004	407433	0.74%	0.146%
33	16.837	2379	2382	2386	rVB3	46599	59447	0.11%	0.021%
34	16.919	2392	2396	2400	rVB3	36679	56222	0.10%	0.020%

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35	17.136	2430	2433	2437	rVB	40065	56399	0.10%	0.020%
36	17.471	2482	2490	2494	rBV	146975	239625	0.44%	0.086%
37	17.548	2495	2503	2513	rVB3	304083	646894	1.18%	0.232%
38	17.935	2565	2569	2576	rBV3	42332	80388	0.15%	0.029%
39	18.176	2606	2610	2613	rBV	49671	66287	0.12%	0.024%
40	18.341	2633	2638	2643	rBV	98944	150345	0.27%	0.054%
41	18.823	2717	2720	2728	rVB3	44379	74669	0.14%	0.027%
42	19.058	2756	2760	2769	rVV	204108	336157	0.61%	0.121%
43	19.287	2794	2799	2808	rVB	495609	799444	1.45%	0.287%
44	19.845	2890	2894	2898	rBV	138846	171040	0.31%	0.061%
45	19.957	2908	2913	2918	rBV	210114	285678	0.52%	0.103%
46	20.362	2978	2982	2987	rBV	66178	93174	0.17%	0.033%
47	20.632	3024	3028	3036	rBV	145262	220753	0.40%	0.079%
48	20.897	3069	3073	3076	rBV	212981	262970	0.48%	0.095%
49	20.985	3084	3088	3090	rBV	172906	218440	0.40%	0.079%
50	21.014	3090	3093	3098	rVB	172917	212347	0.39%	0.076%
51	21.079	3100	3104	3109	rVB	153096	204459	0.37%	0.073%
52	21.126	3110	3112	3115	rBV3	67553	86196	0.16%	0.031%
53	21.161	3115	3118	3121	rBV	129820	159589	0.29%	0.057%
54	21.232	3121	3130	3131	rBV	413469	874887	1.59%	0.314%
55	21.255	3131	3134	3139	rVB	621764	863945	1.57%	0.310%
56	21.308	3139	3143	3149	rVB2	443524	699360	1.27%	0.251%
57	21.367	3149	3153	3157	rBV	170443	316960	0.58%	0.114%
58	21.431	3158	3164	3170	rBV2	527042	1496251	2.72%	0.538%
59	21.519	3176	3179	3184	rVB	293053	418288	0.76%	0.150%
60	21.608	3184	3194	3200	rBV	1018818	2221948	4.04%	0.799%
61	21.678	3200	3206	3211	rBV	1297477	2756156	5.01%	0.990%
62	21.731	3212	3215	3220	rVV3	415355	743003	1.35%	0.267%
63	21.831	3228	3232	3235	rBV	744916	1317654	2.40%	0.474%
64	21.884	3237	3241	3268	rVB2	1485444	7628147	13.87%	2.741%
65	22.136	3269	3284	3285	rBV3	5975124	19465060	35.38%	6.995%
66	22.301	3302	3312	3323	rVB2	7028128	25130027	45.68%	9.031%
67	22.477	3323	3342	3353	rBV6	7239590	55012735	100.00%	19.770%
68	22.648	3363	3371	3374	rBV4	4774425	14241808	25.89%	5.118%
69	22.824	3382	3401	3404	rBV3	7909169	36506170	66.36%	13.119%
70	22.918	3415	3417	3420	rBV	65953	71377	0.13%	0.026%
71	22.971	3420	3426	3428	rBV	1247645	1965564	3.57%	0.706%

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72	23.047	3428	3439	3443	rVV	7147581	19722870	35.85%	7.088%
73	23.076	3443	3444	3447	rVB	200043	179965	0.33%	0.065%
74	23.165	3455	3459	3470	rVB3	122019	263889	0.48%	0.095%
75	23.364	3472	3493	3497	rBV	7385930	33458101	60.82%	12.024%
76	23.429	3497	3504	3507	rVV	1445562	2767228	5.03%	0.994%
77	23.535	3507	3522	3527	rVB3	7585689	31287440	56.87%	11.244%
78	23.717	3549	3553	3560	rVB2	225515	471446	0.86%	0.169%
79	23.811	3561	3569	3574	rBV	783703	1631636	2.97%	0.586%
80	24.110	3616	3620	3622	rBV3	76890	133984	0.24%	0.048%
81	24.304	3647	3653	3662	rVB3	139080	368170	0.67%	0.132%
82	24.398	3665	3669	3670	rVV3	70726	99516	0.18%	0.036%
83	24.440	3672	3676	3686	rVB	267521	569723	1.04%	0.205%
84	24.539	3687	3693	3696	rBV6	79459	182074	0.33%	0.065%
85	24.945	3753	3762	3773	rVB	724065	1829957	3.33%	0.658%
86	25.068	3774	3783	3789	rBV3	79515	260732	0.47%	0.094%
87	25.356	3825	3832	3843	rVB2	128810	358605	0.65%	0.129%
88	25.491	3845	3855	3866	rBV	512963	1499936	2.73%	0.539%
89	25.950	3926	3933	3946	rVB2	224538	670797	1.22%	0.241%
90	26.602	4037	4044	4054	rVB3	188283	564755	1.03%	0.203%

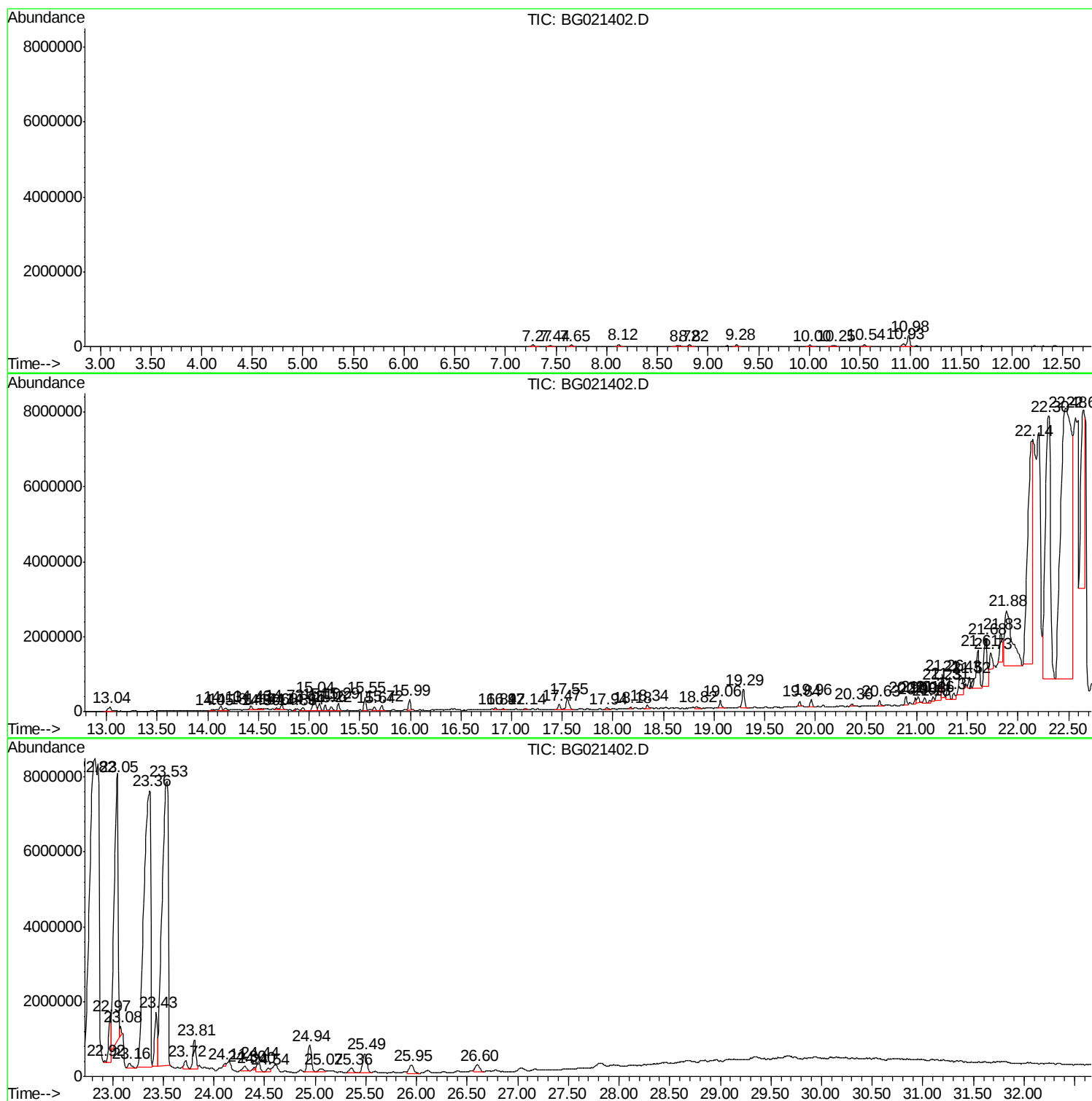
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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



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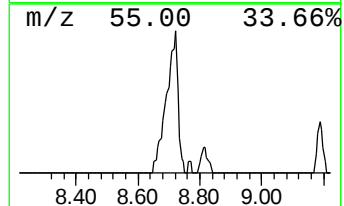
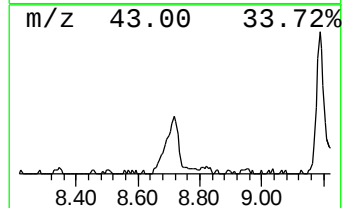
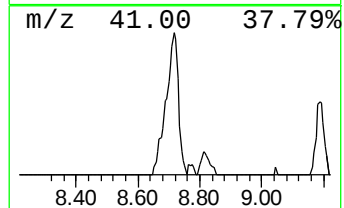
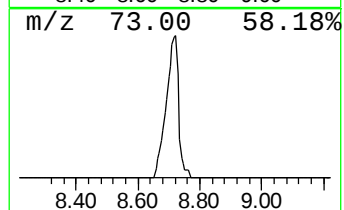
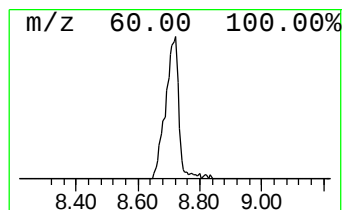
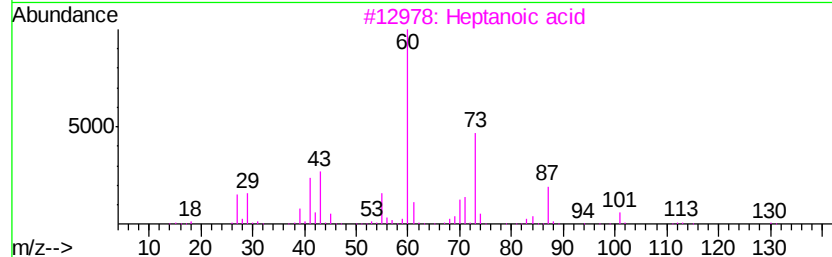
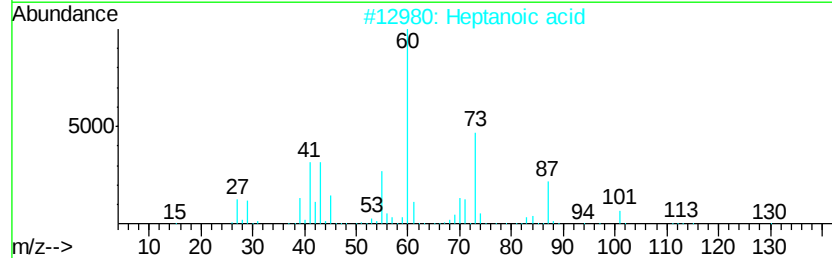
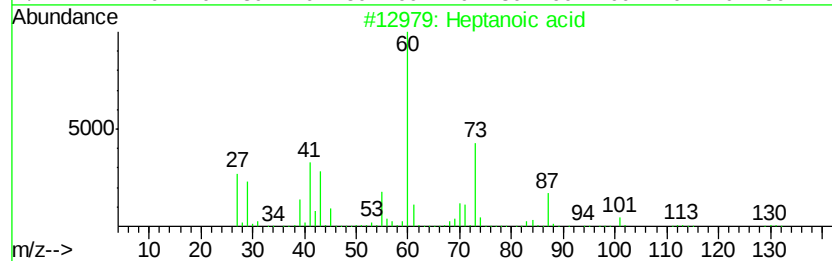
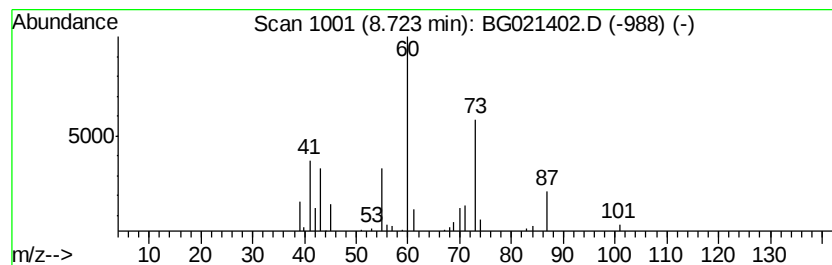
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Heptanoic acid Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	19.02 ng/ul	88801	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanoic acid	130	C7H14O2	000111-14-8	90
2		Heptanoic acid	130	C7H14O2	000111-14-8	83
3		Heptanoic acid	130	C7H14O2	000111-14-8	80
4		Heptanoic acid	130	C7H14O2	000111-14-8	78
5		Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	53



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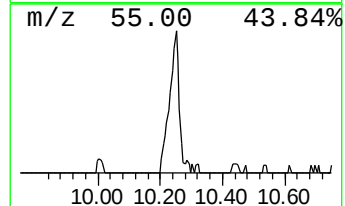
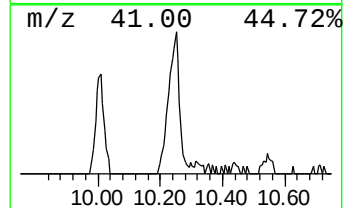
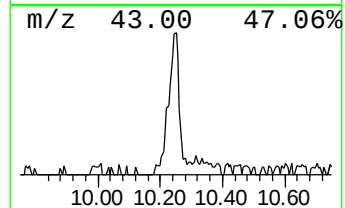
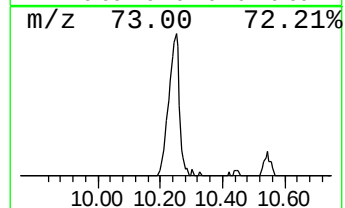
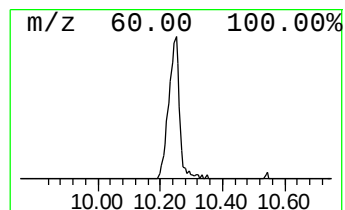
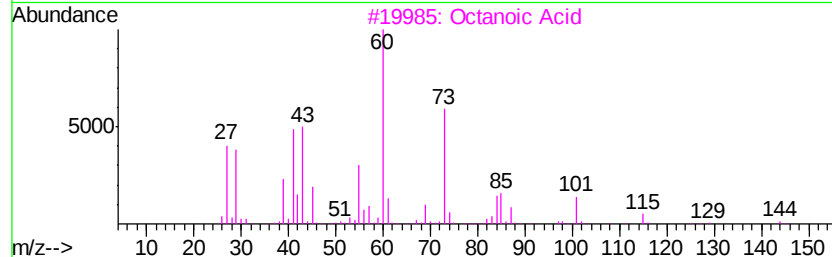
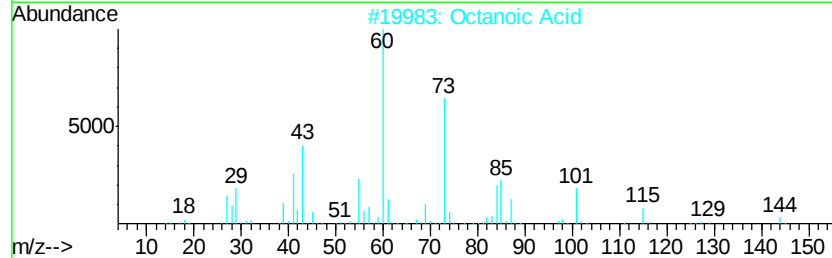
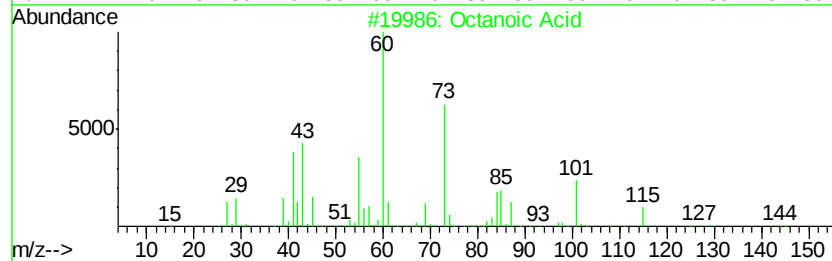
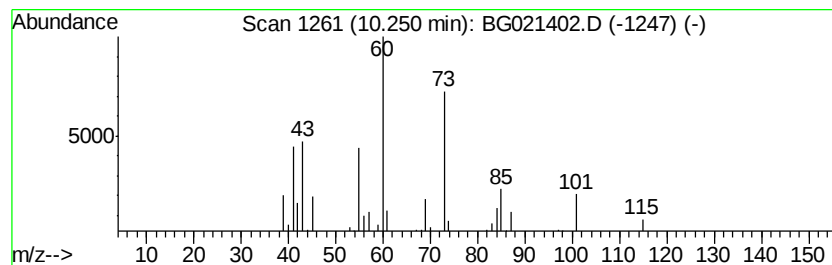
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octanoic Acid Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	11.59 ng/ul	85996	Naphthalene-d8	10.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octanoic Acid	144 C8H16O2	000124-07-2	86
2	Octanoic Acid	144 C8H16O2	000124-07-2	64
3	Octanoic Acid	144 C8H16O2	000124-07-2	64
4	Hexanoic acid	116 C6H12O2	000142-62-1	53
5	Hexanoic acid	116 C6H12O2	000142-62-1	53



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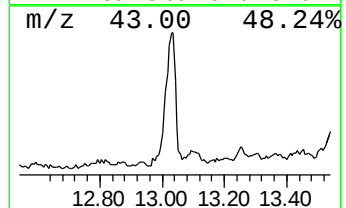
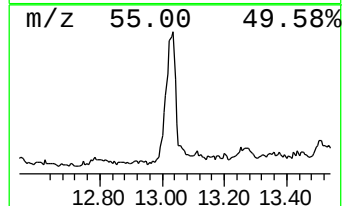
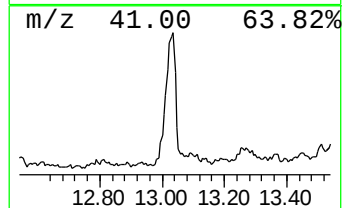
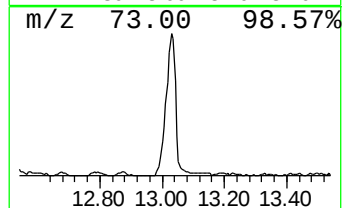
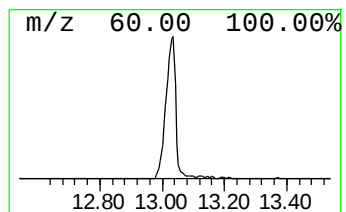
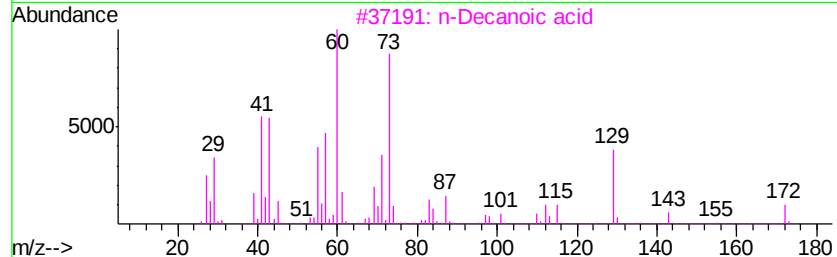
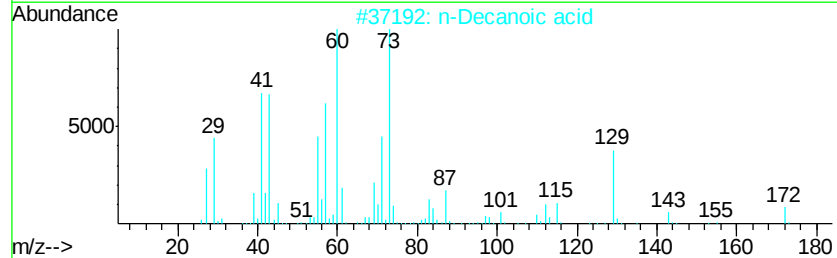
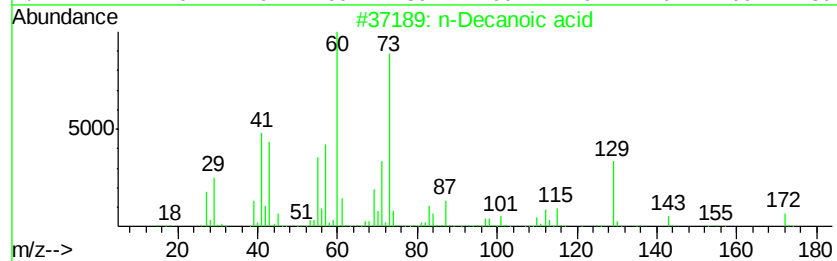
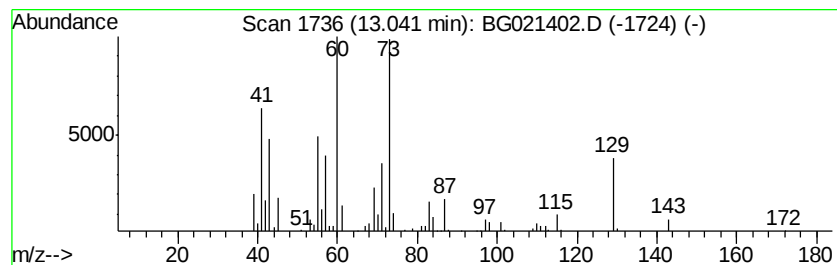
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 n-Decanoic acid Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	18.70 ng/ul	242500	Acenaphthene-d10	14.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Decanoic acid	172 C10H20O2	000334-48-5	91
2	n-Decanoic acid	172 C10H20O2	000334-48-5	90
3	n-Decanoic acid	172 C10H20O2	000334-48-5	90
4	n-Decanoic acid	172 C10H20O2	000334-48-5	72
5	n-Decanoic acid	172 C10H20O2	000334-48-5	70



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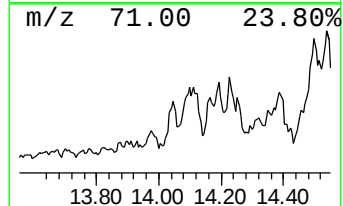
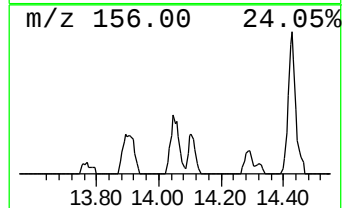
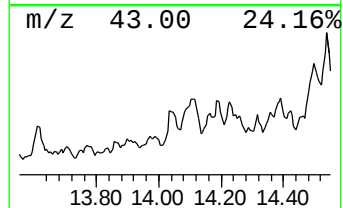
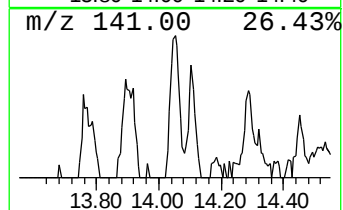
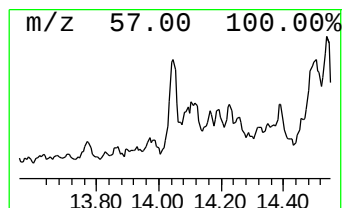
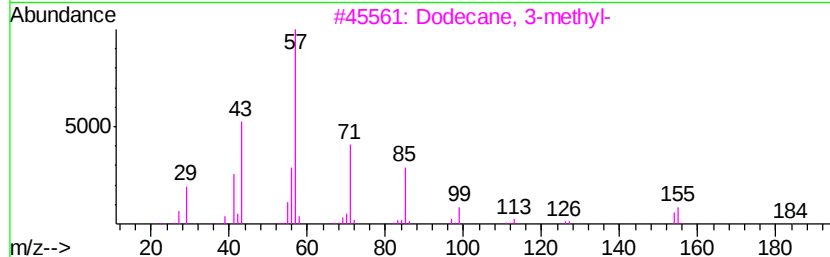
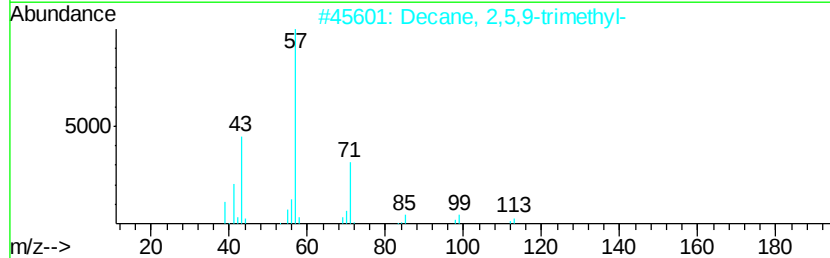
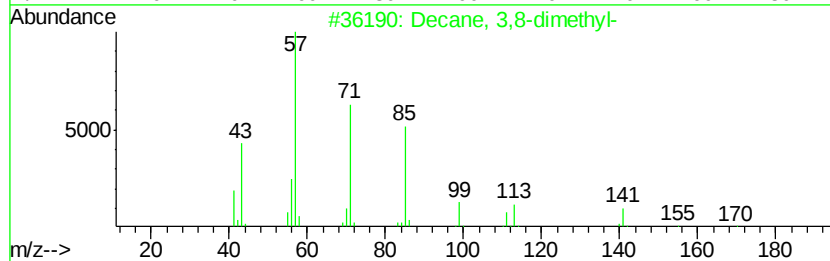
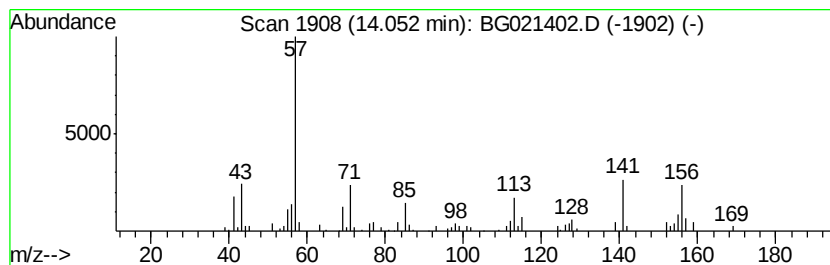
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	4.63 ng/ul	60068	Acenaphthene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	40
2		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	27
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	27
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	27
5		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	27



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

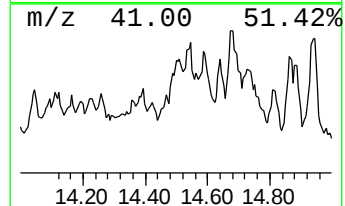
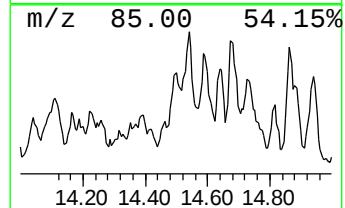
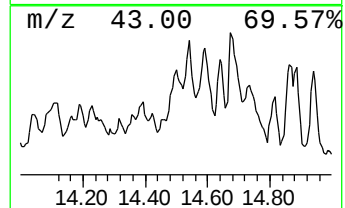
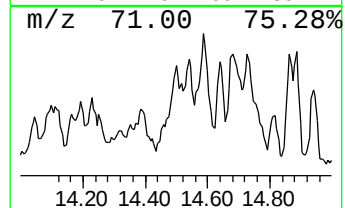
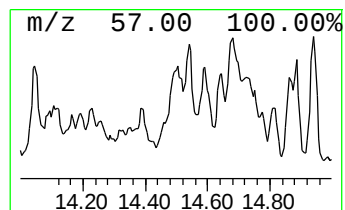
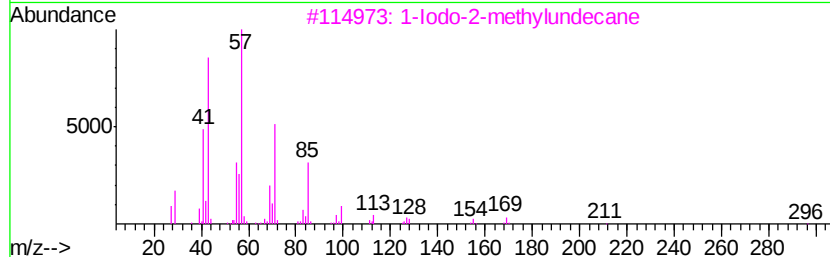
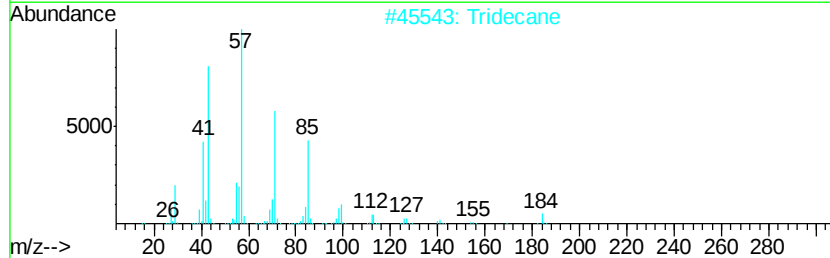
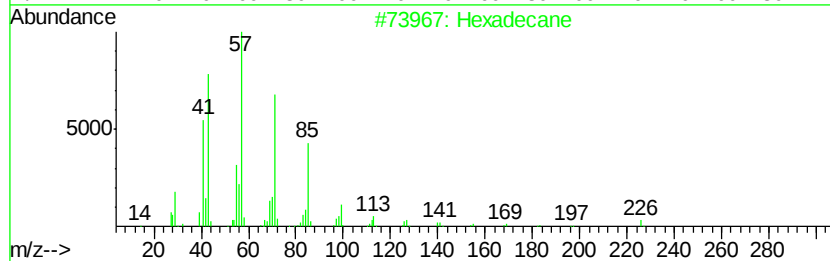
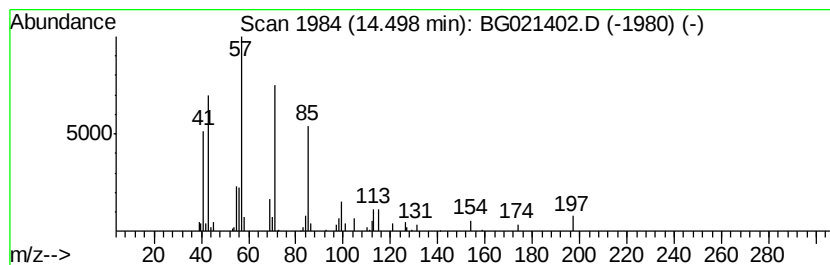
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ClientSampleID :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.50	4.63 ng/ul	60070	Acenaphthene-d10	14.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Tridecane	184	C13H28	000629-50-5	64
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
5	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	59



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01

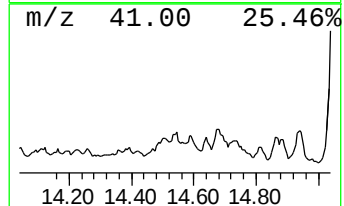
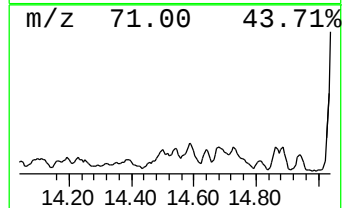
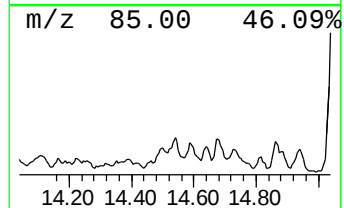
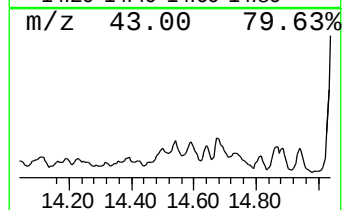
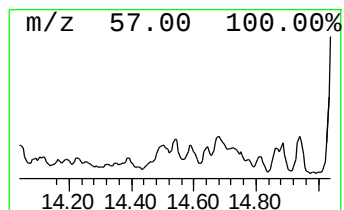
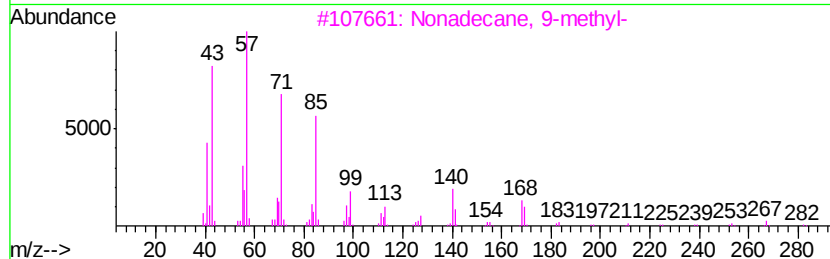
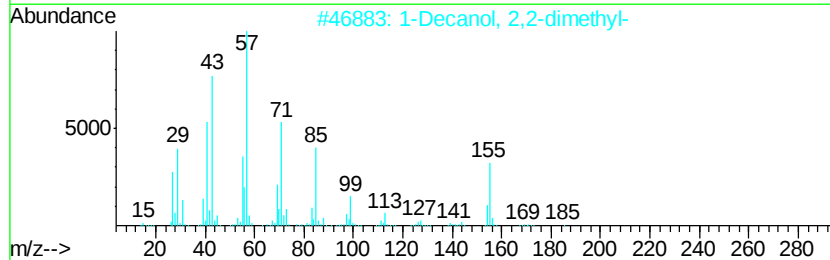
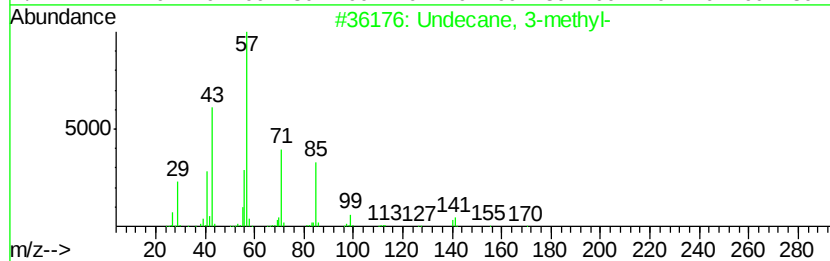
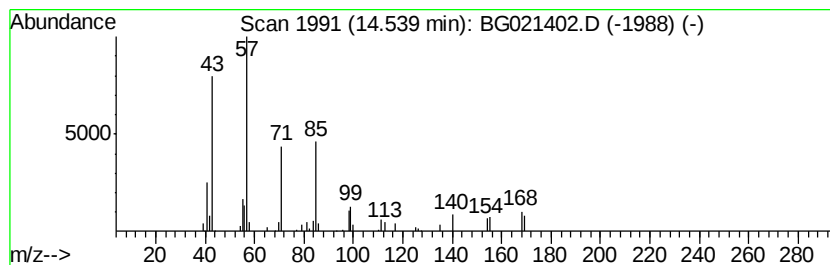
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	4.93 ng/ul	63884	Acenaphthene-d10	14.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	59
2			1-Decanol, 2,2-dimethyl-	186	C12H26O	002370-15-2	59
3			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	59
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	53
5			Undecane, 4-ethyl-	184	C13H28	017312-59-3	50



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01

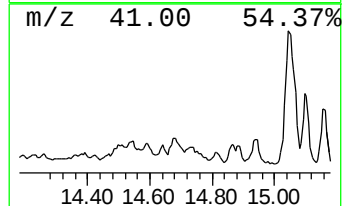
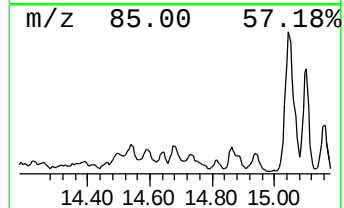
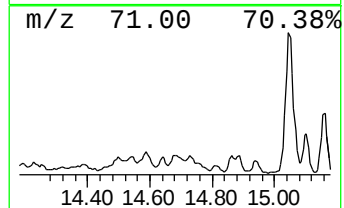
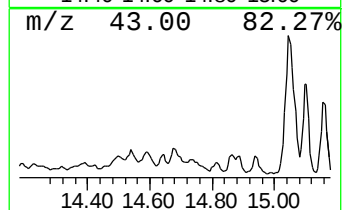
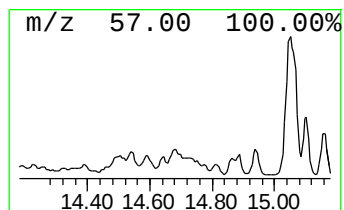
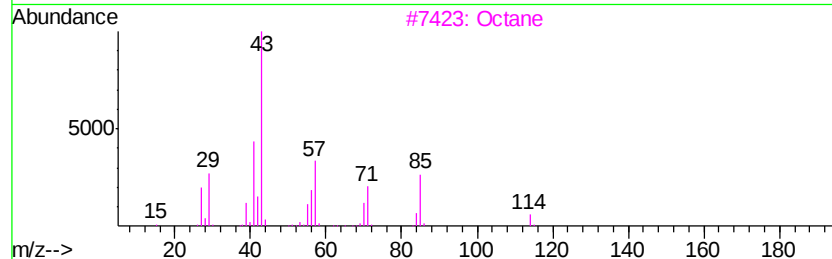
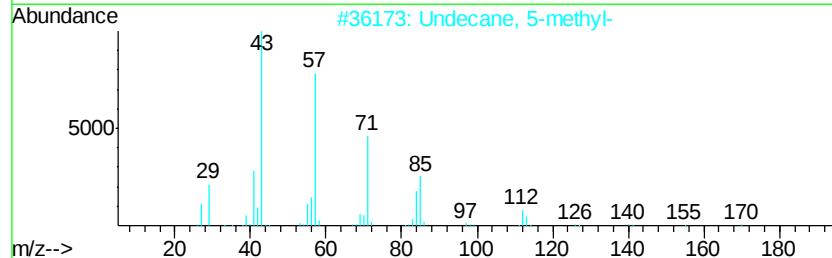
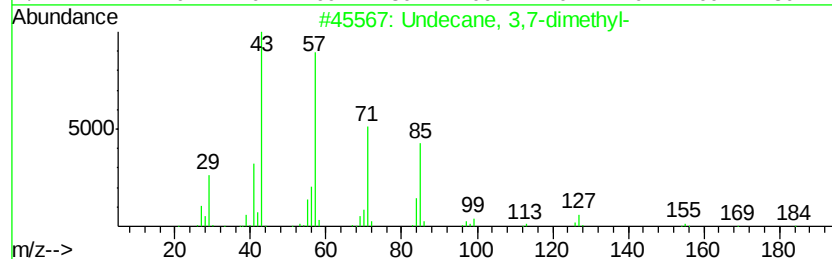
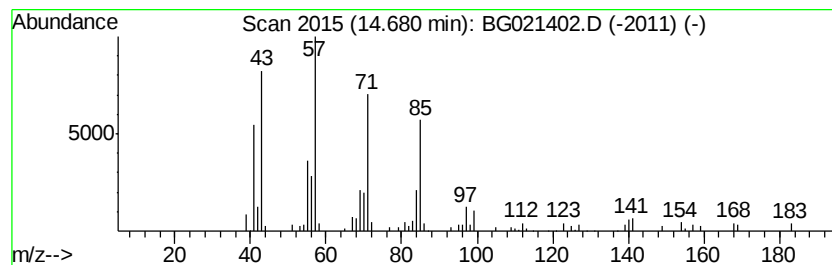
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	7.50 ng/ul	97290	Acenaphthene-d10	14.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	53
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	47
3			Octane	114	C8H18	000111-65-9	47
4			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	43
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	43



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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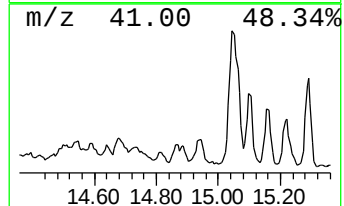
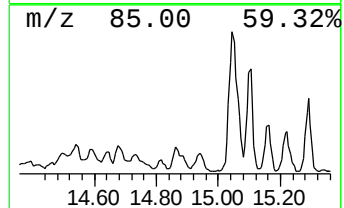
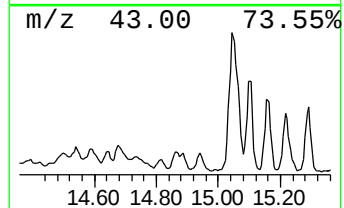
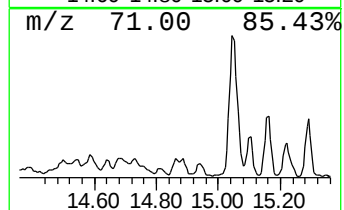
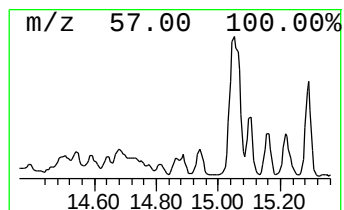
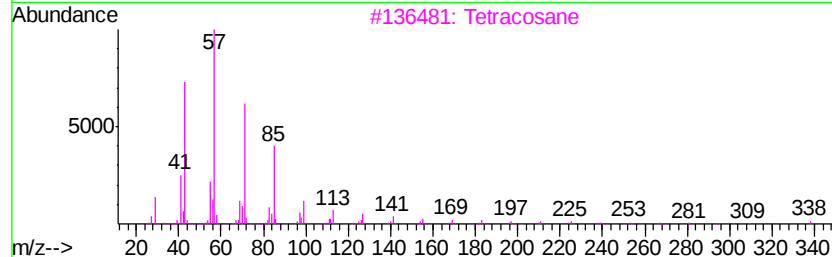
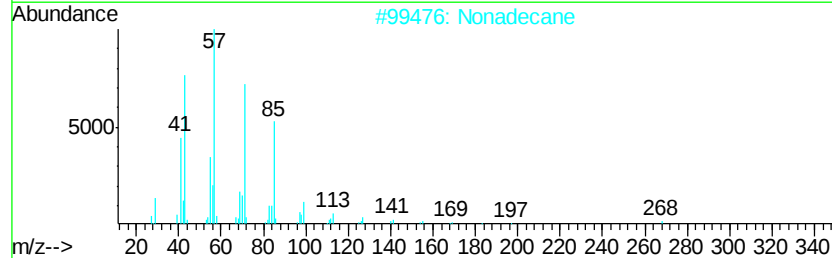
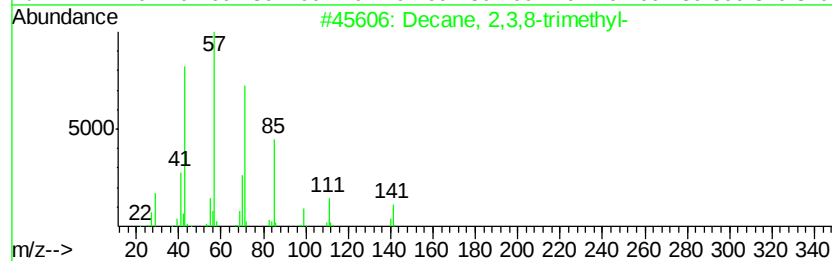
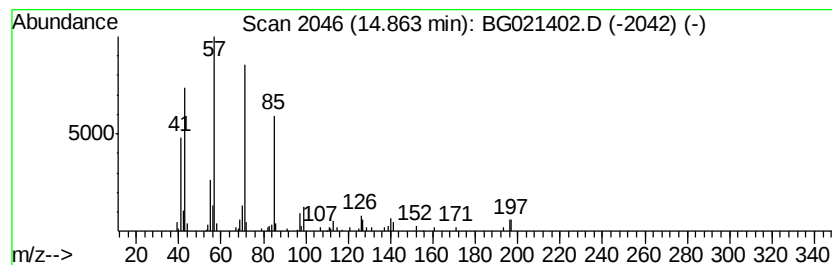
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	4.52 ng/ul	58603	Acenaphthene-d10	14.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	80
2			Nonadecane	268	C19H40	000629-92-5	78
3			Tetracosane	338	C24H50	000646-31-1	78
4			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	72
5			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01

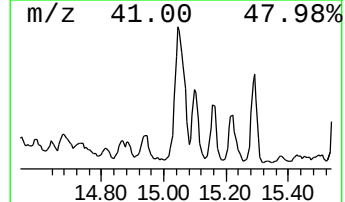
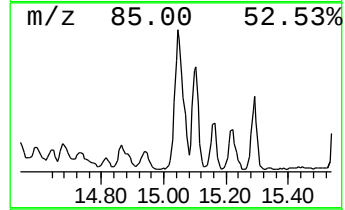
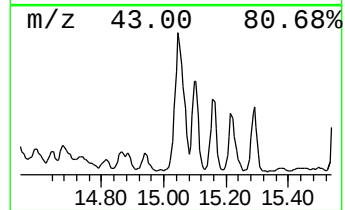
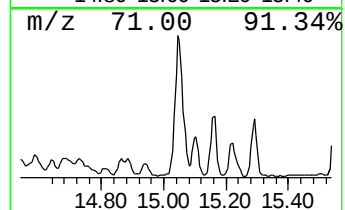
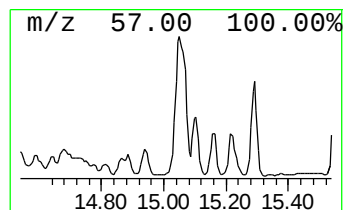
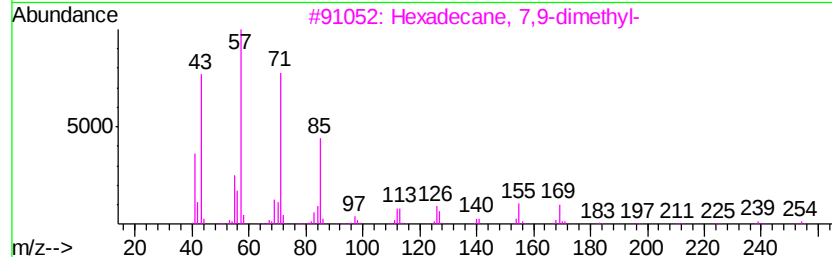
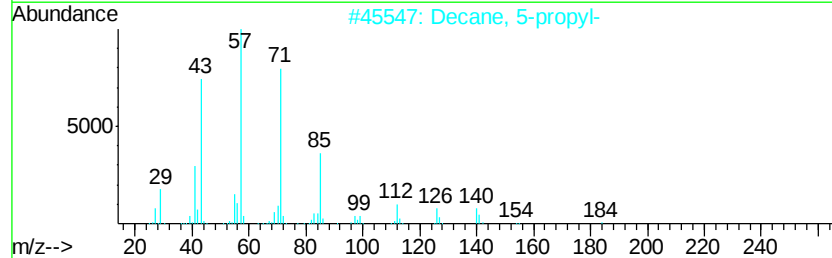
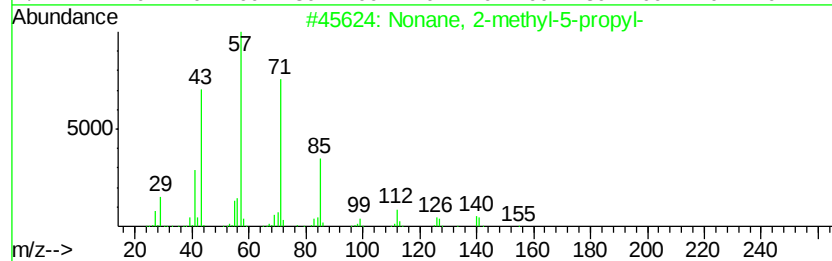
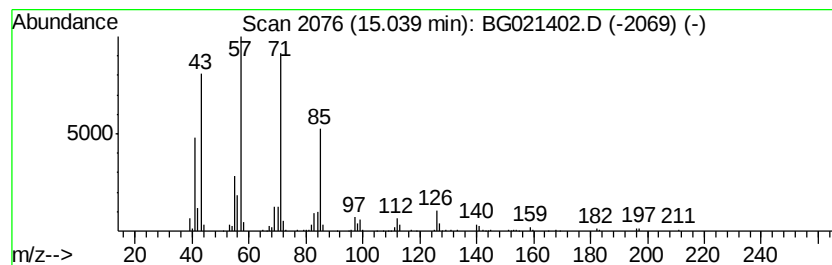
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	56.27 ng/ul	729816	Acenaphthene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	90
2		Decane, 5-propyl-	184	C13H28	017312-62-8	86
3		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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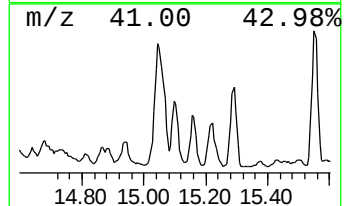
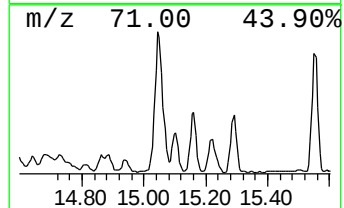
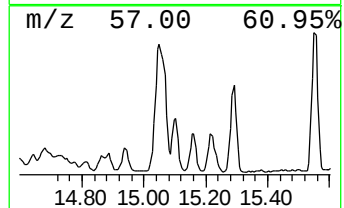
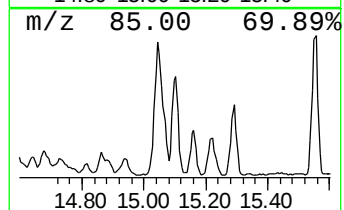
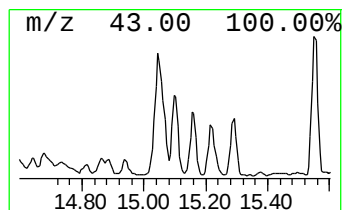
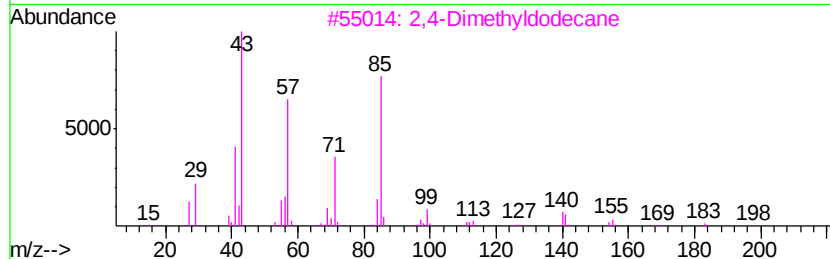
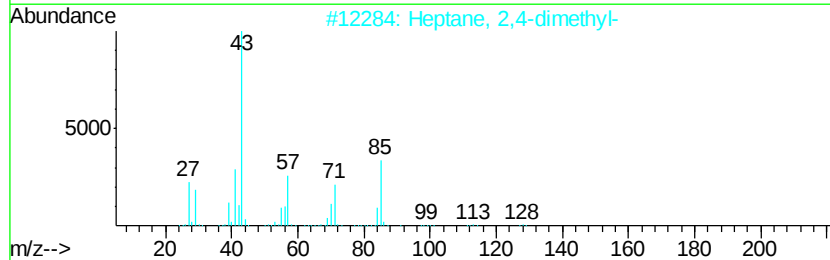
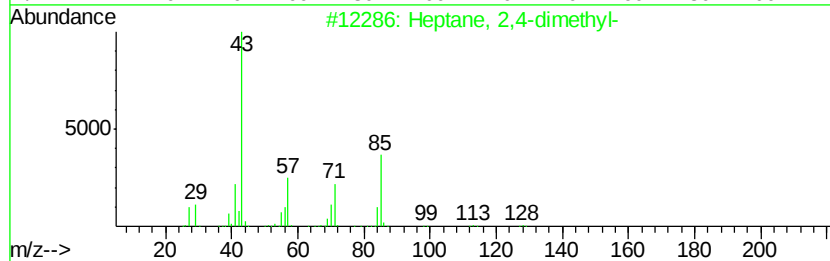
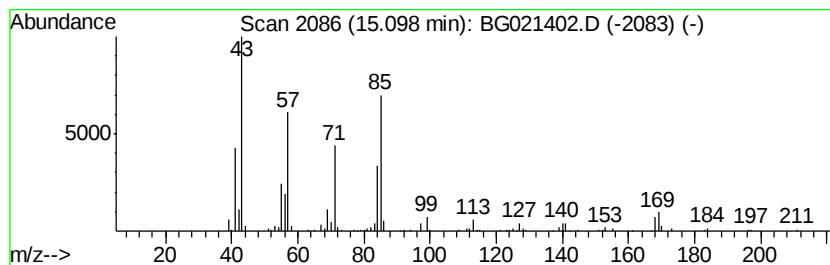
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	19.98 ng/ul	259108	Acenaphthene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3		2,4-Dimethyldodecane	198	C14H30	006117-99-3	64
4		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	64
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01

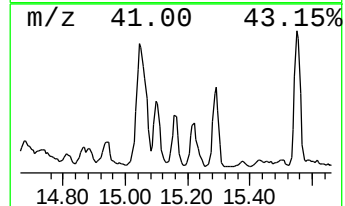
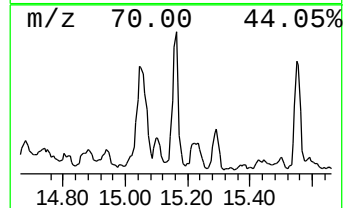
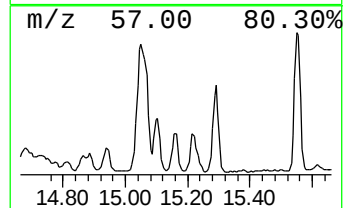
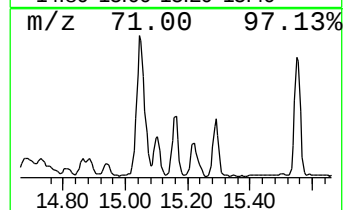
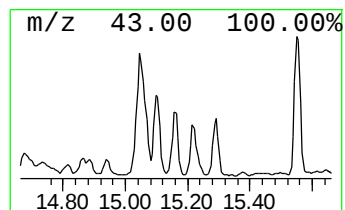
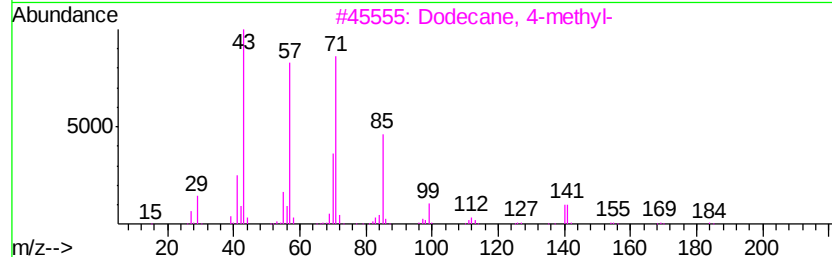
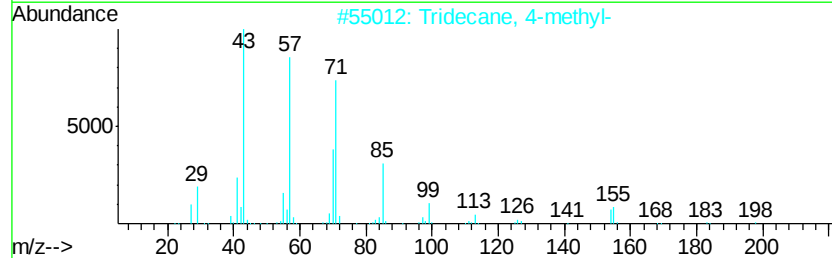
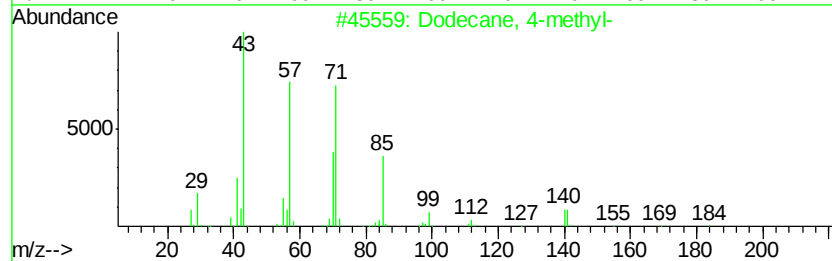
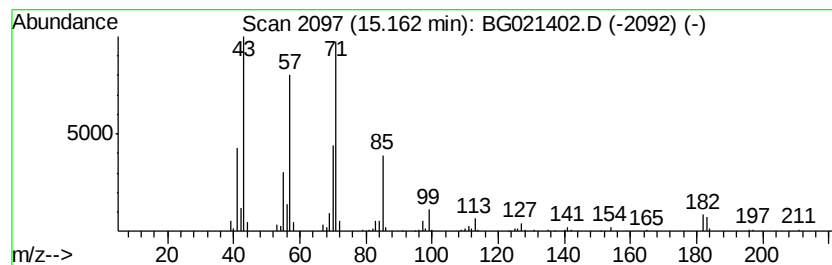
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	13.93 ng/ul	180698	Acenaphthene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	86
2		Tridecane, 4-methyl-	198	C14H30	026730-12-1	86
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	62
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	47
5		Octane, 3-ethyl-	142	C10H22	005881-17-4	46



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-01

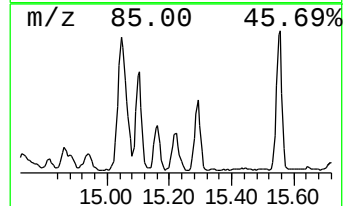
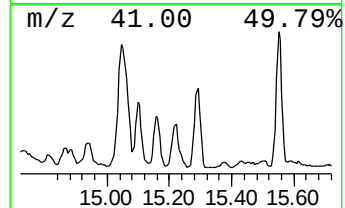
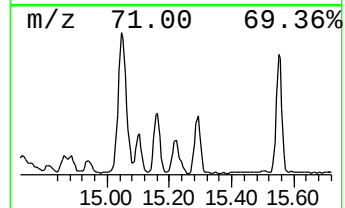
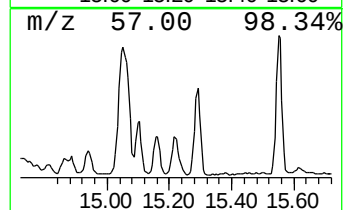
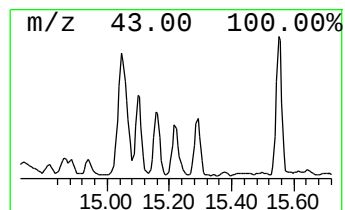
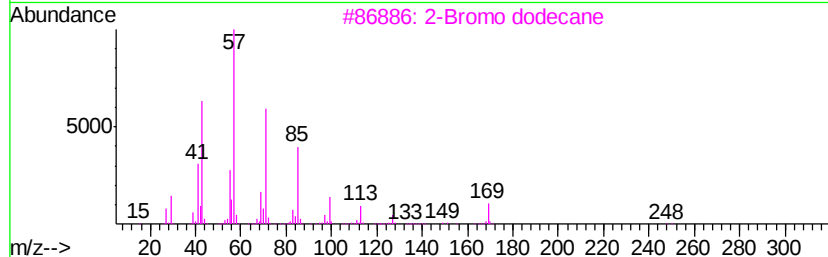
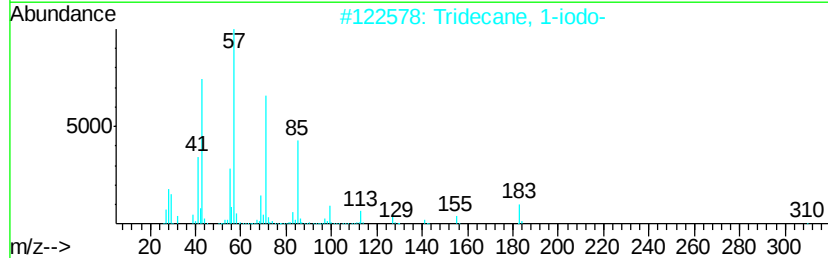
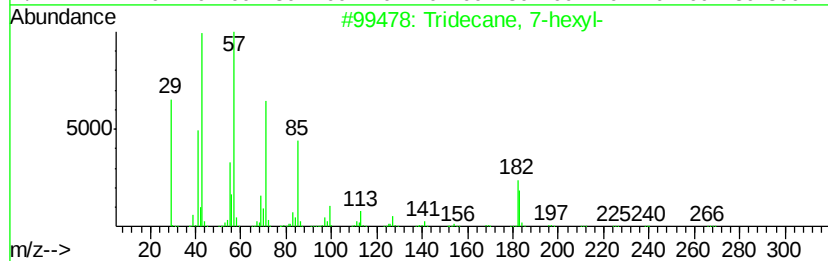
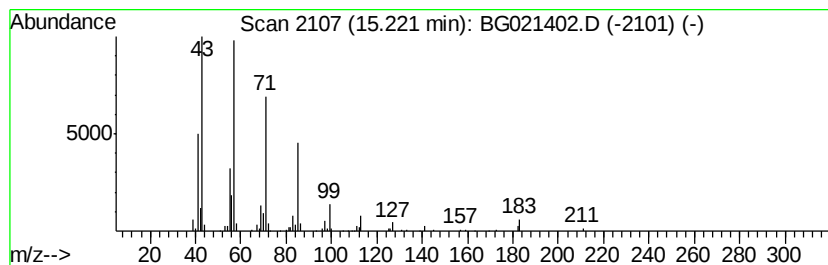
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	13.23 ng/ul	171617	Acenaphthene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	87
4		Eicosane	282	C20H42	000112-95-8	86
5		Tetradecane, 2-methyl-	212	C15H32	001560-95-8	80



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
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Instrument :
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ClientSampleId :
BLDG06-P001-SS001-01

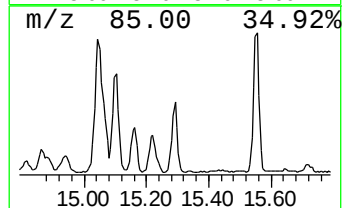
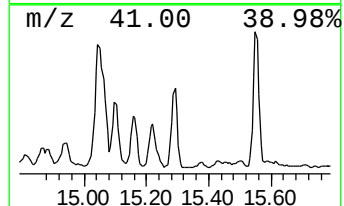
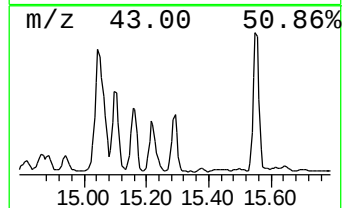
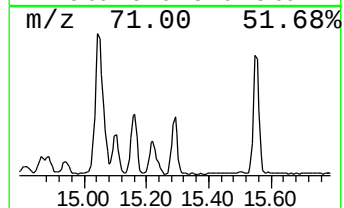
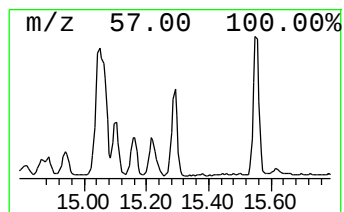
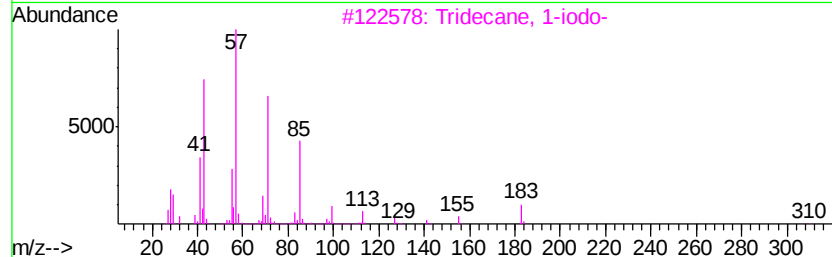
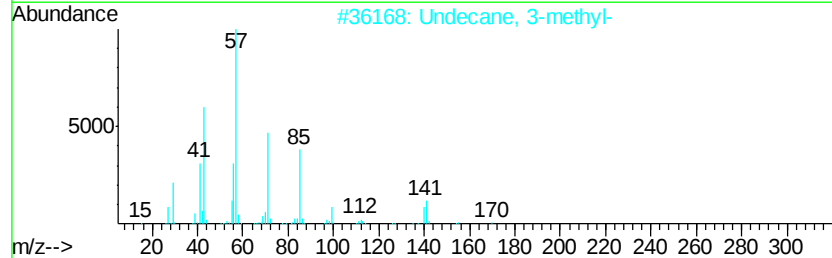
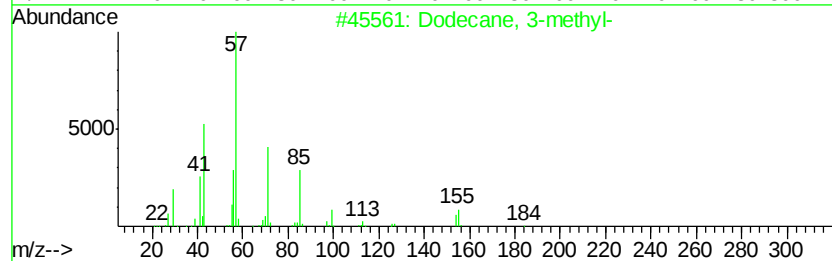
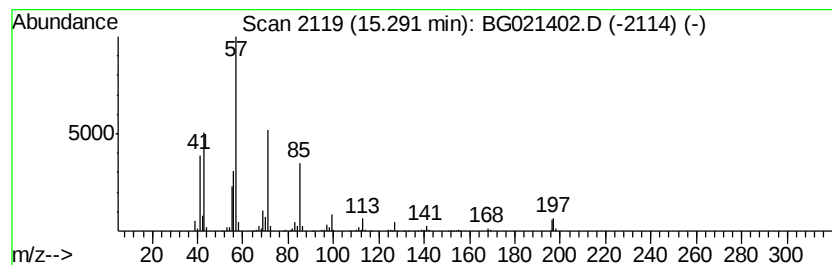
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Quant Title : SVOA CALIBRATION

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.
15.29	19.48 ng/ul	252641	Acenaphthene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	72
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	68
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	62



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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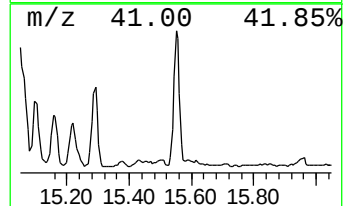
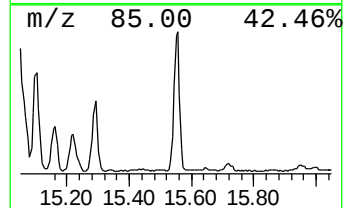
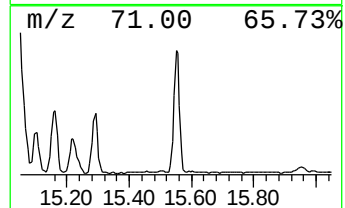
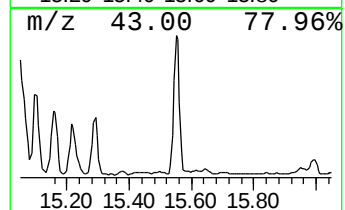
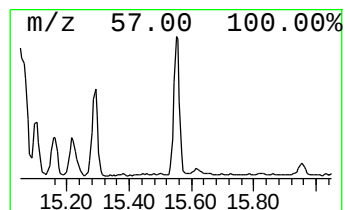
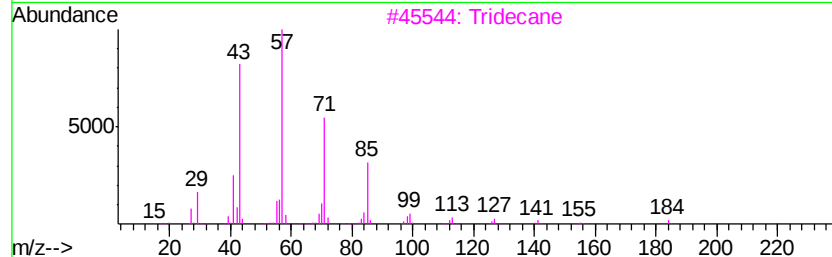
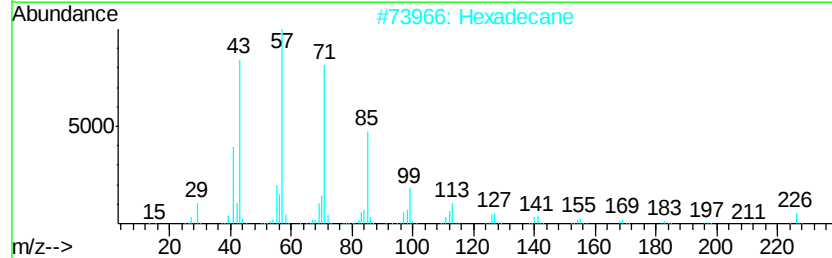
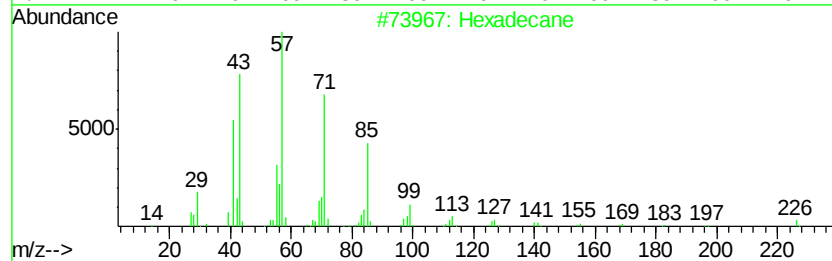
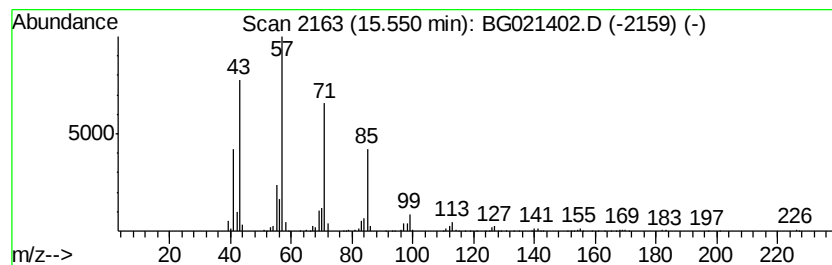
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	35.15 ng/ul	455934	Acenaphthene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	97
2		Hexadecane	226	C16H34	000544-76-3	94
3		Tridecane	184	C13H28	000629-50-5	90
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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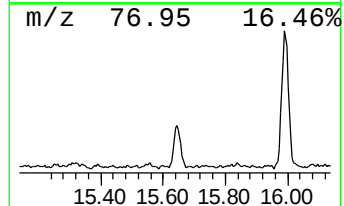
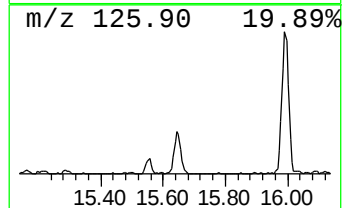
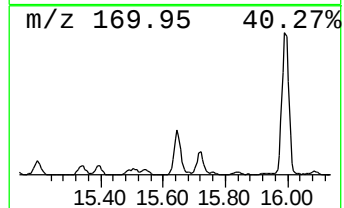
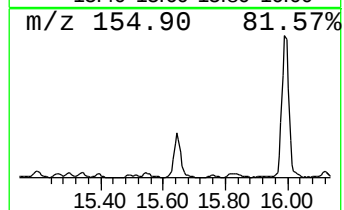
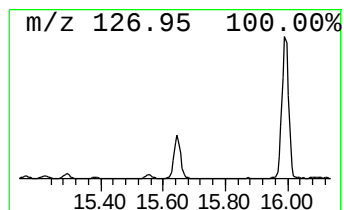
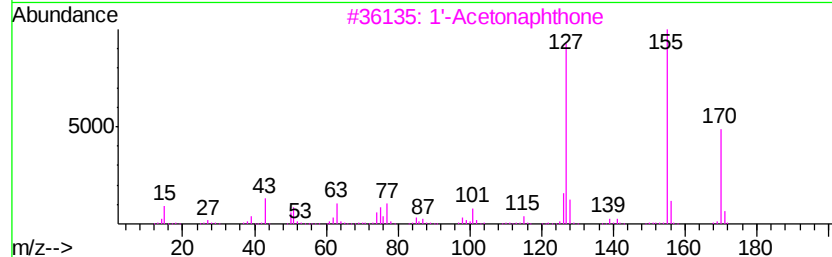
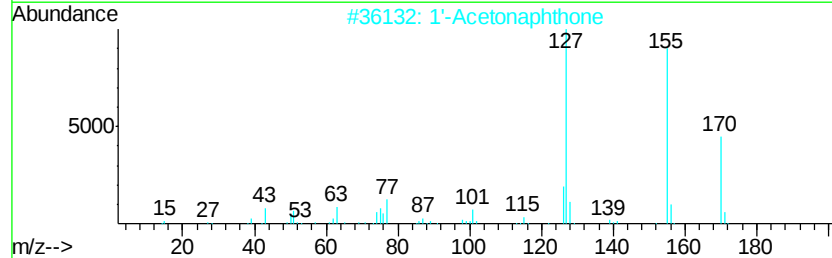
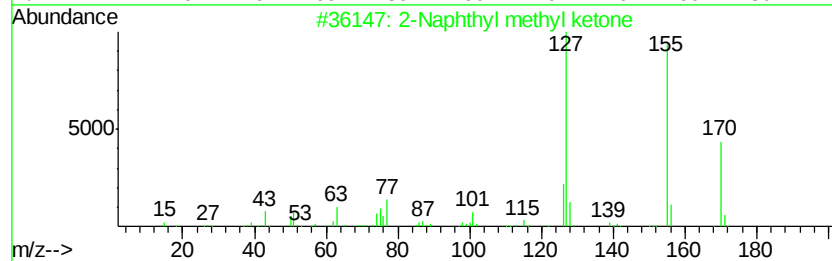
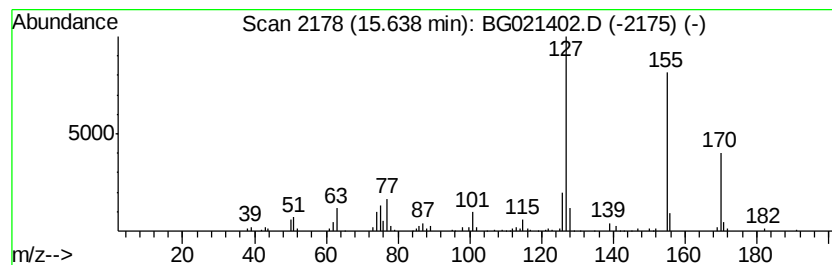
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 2-Naphthyl methyl ketone Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	10.62 ng/ul	137714	Acenaphthene-d10	14.73

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	97
3		1'-Acetonaphthone	170	C12H10O	000941-98-0	96
4		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	91
5		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	91



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-01

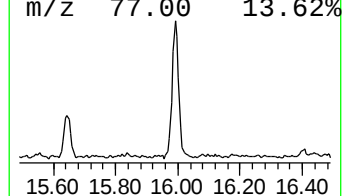
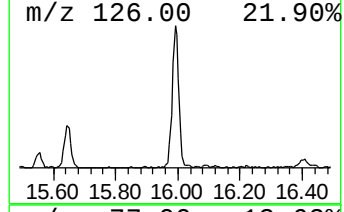
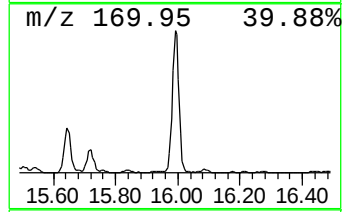
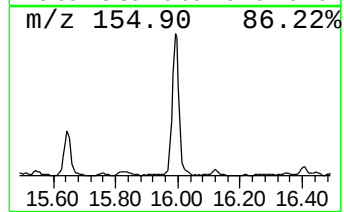
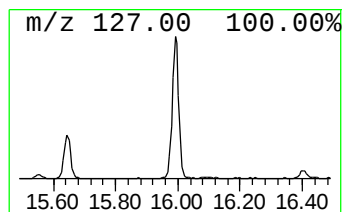
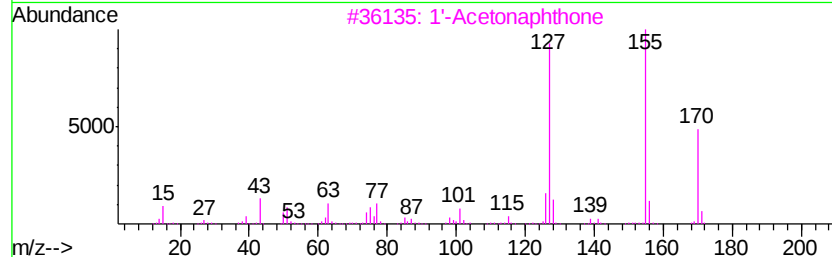
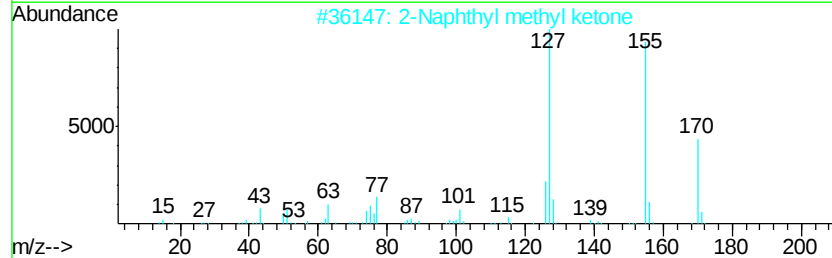
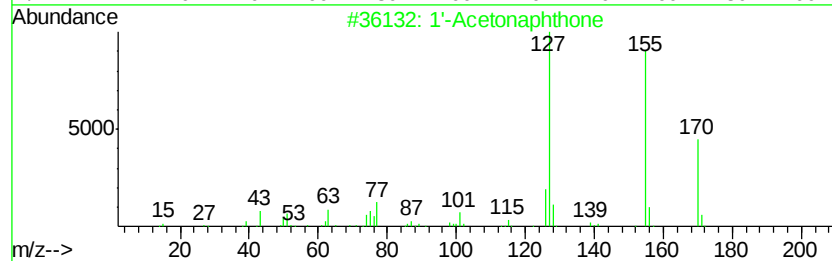
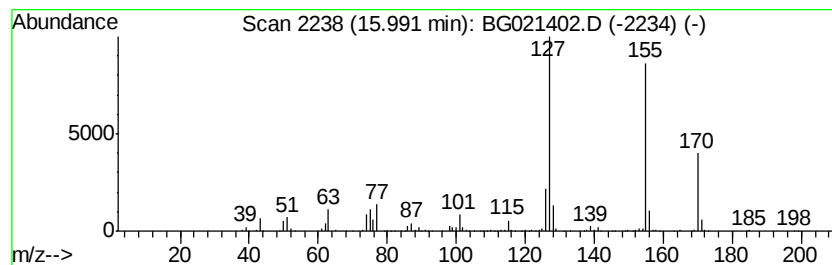
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 1'-Acetonaphthone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	31.41 ng/ul	407433	Acenaphthene-d10	14.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1'-Acetonaphthone	170	C12H10O	000941-98-0	97
2			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	97
3			1'-Acetonaphthone	170	C12H10O	000941-98-0	95
4			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	95
5			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	95



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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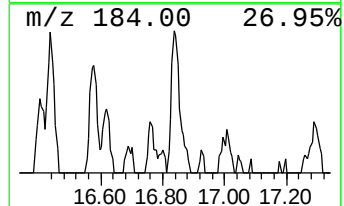
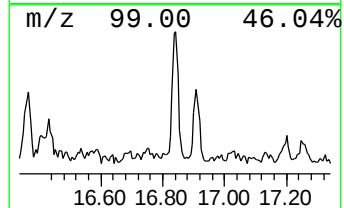
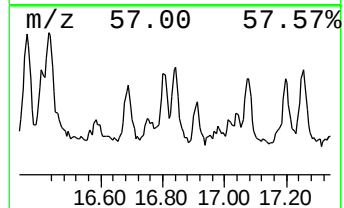
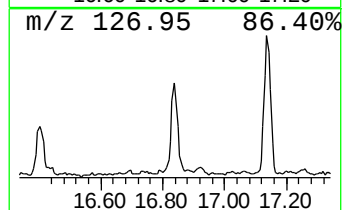
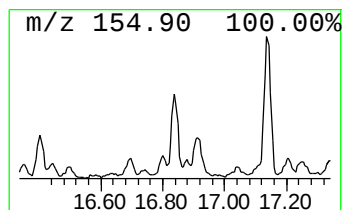
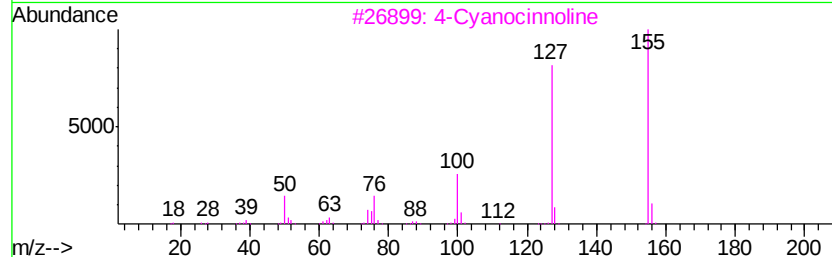
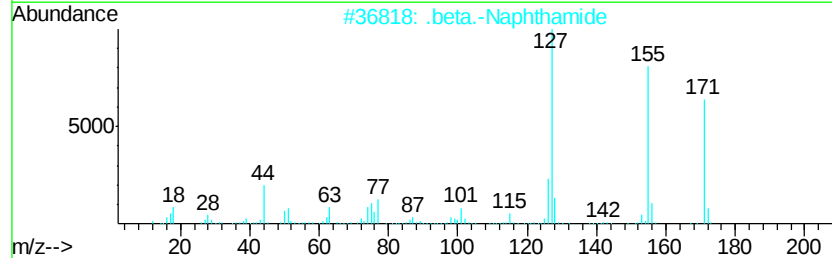
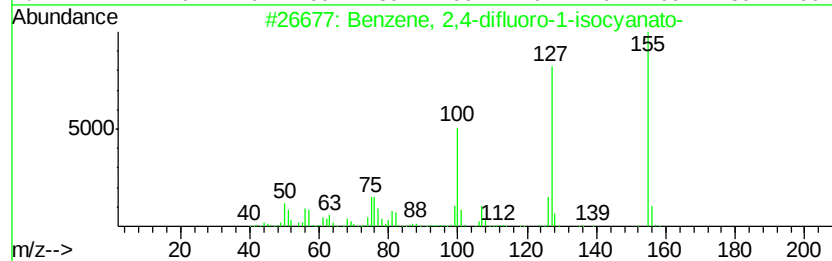
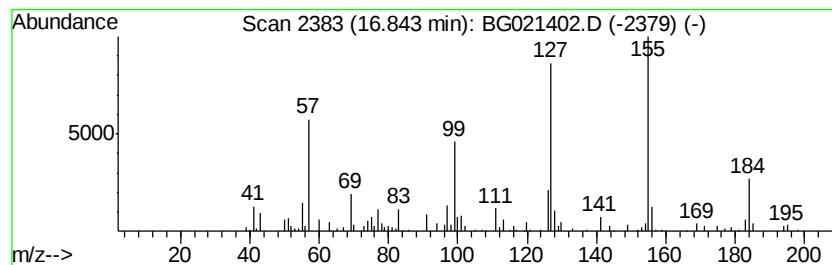
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzene, 2,4-difluoro-1-iso... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	4.96 ng/ul	59447	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-difluoro-1-isocyanato-	155	C7H3F2NO	059025-55-7	64
2		.beta.-Naphthamide	171	C11H9NO	002243-82-5	53
3		4-Cyanocinnoline	155	C9H5N3	016470-90-9	52
4		1-Naphthaleneacetic acid, .alpha...	200	C12H8O3	026153-26-4	50
5		2,5-Bis(1-naphthamido)terephthal...	504	C30H20N2O6	339157-52-7	50



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01

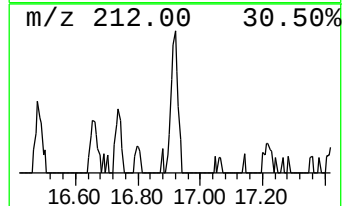
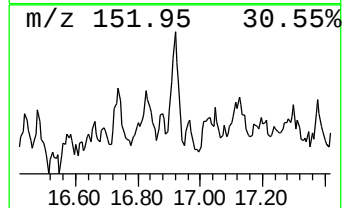
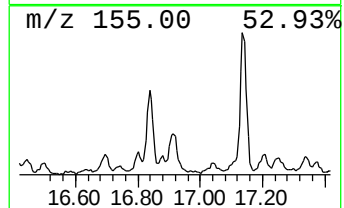
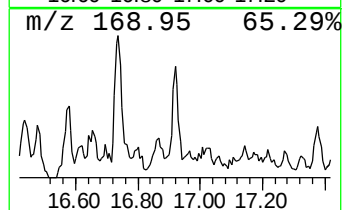
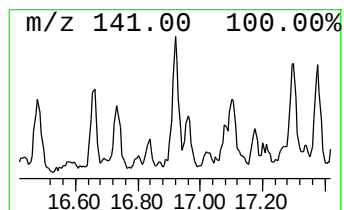
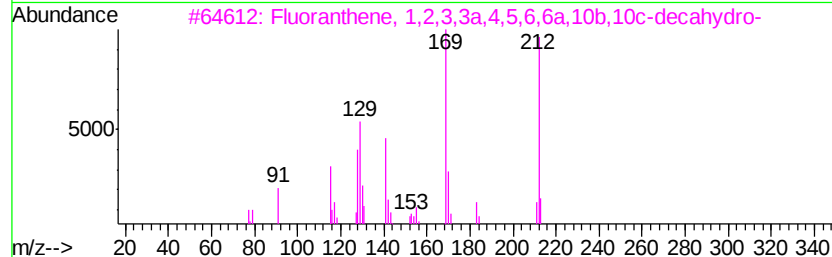
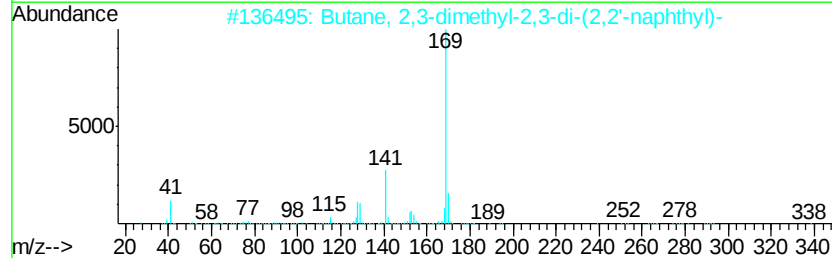
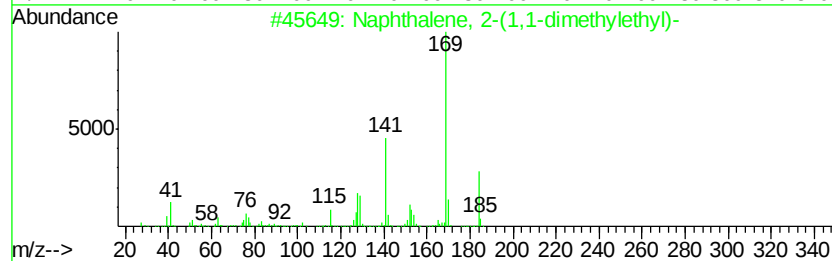
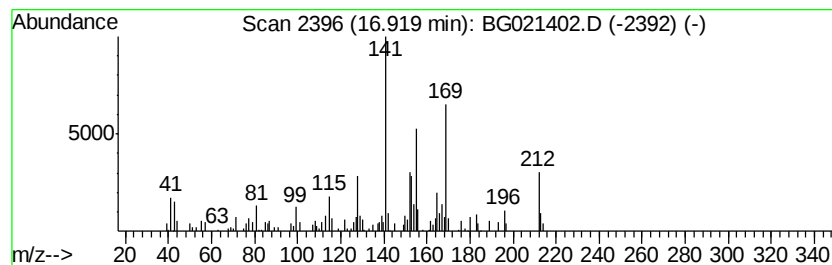
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-01 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	4.69 ng/ul	56222	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1,1-dimethylethyl)-	184	C14H16	002876-35-9	43
2		Butane, 2,3-dimethyl-2,3-di-(2,2...	338	C26H26	1000150-93-8	35
3		Fluoranthene, 1,2,3,3a,4,5,6,6a,...	212	C16H20	040764-23-6	30
4		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	22
5		trans-1,4-Cyclohexanedicarbohydr...	200	C8H16N4O2	025655-25-8	16



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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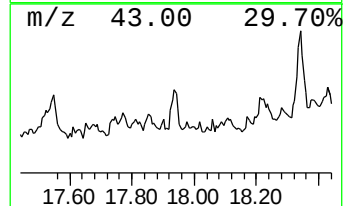
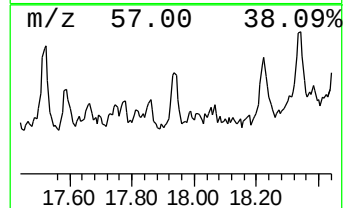
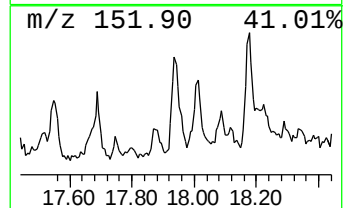
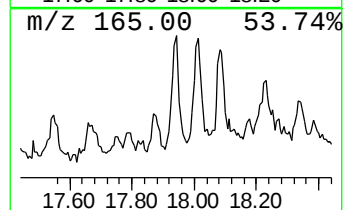
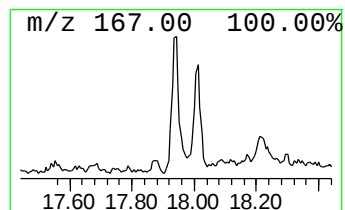
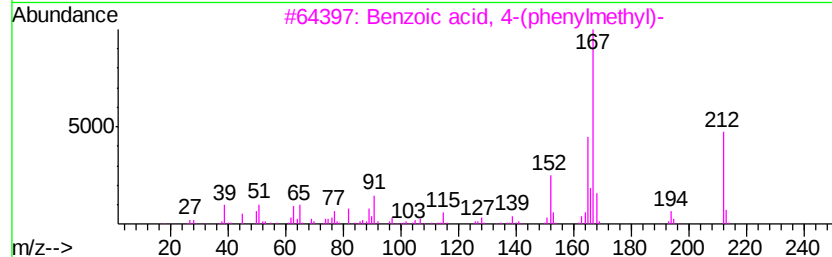
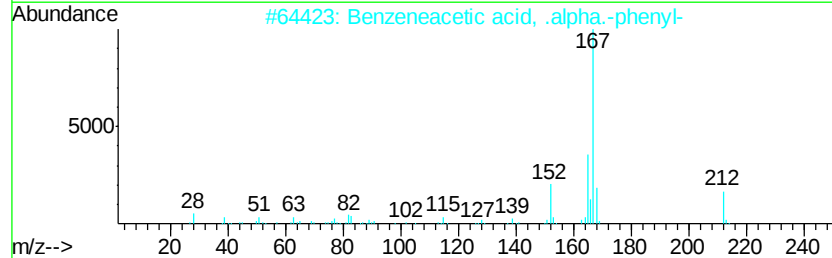
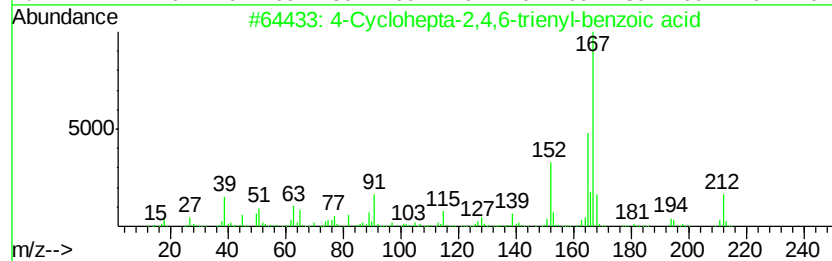
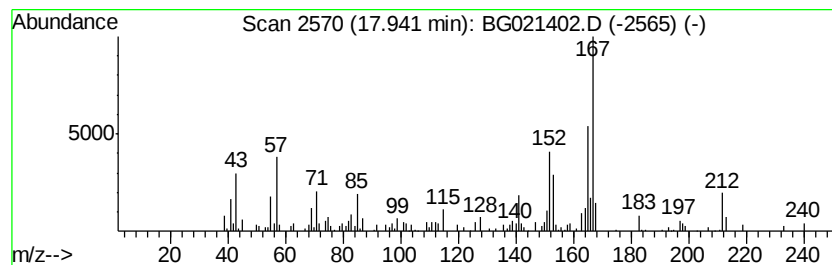
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 4-Cyclohepta-2,4,6-trienyl-... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	6.71 ng/ul	80388	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Cyclohepta-2,4,6-trienyl-benzo...	212	C14H12O2	086318-22-1	64
2		Benzeneacetic acid, .alpha.-phenyl-	212	C14H12O2	000117-34-0	58
3		Benzoic acid, 4-(phenylmethyl)-	212	C14H12O2	000620-86-0	53
4		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	53
5		Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	50



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-01

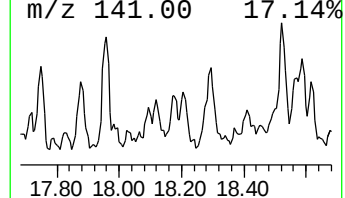
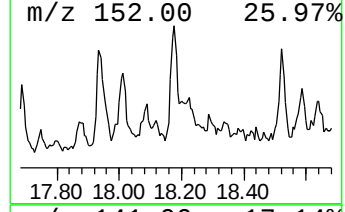
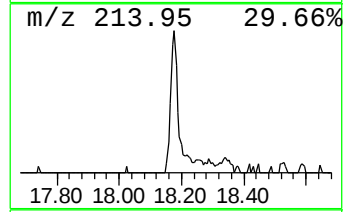
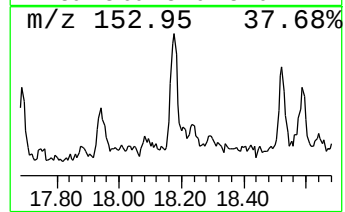
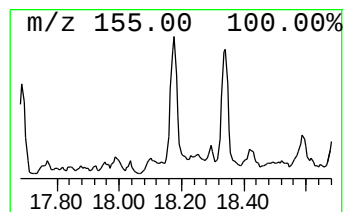
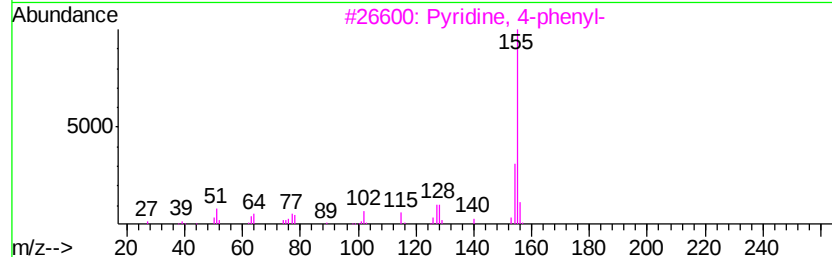
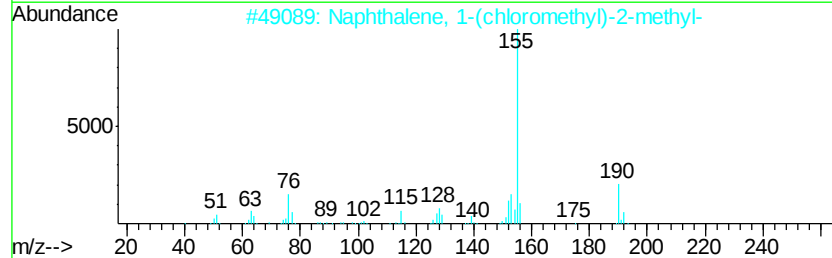
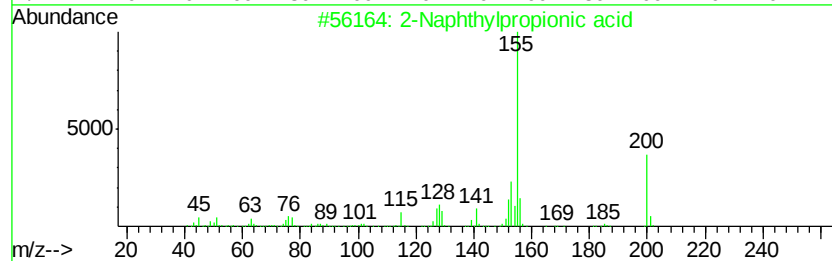
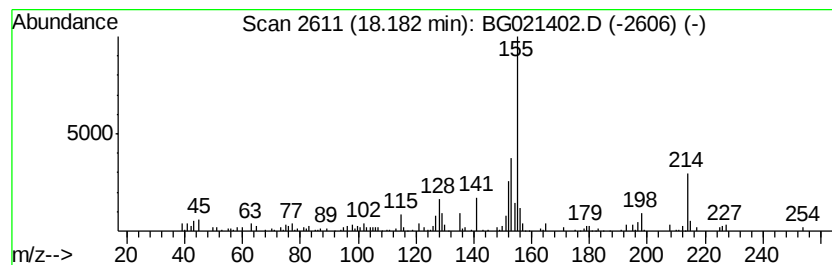
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 2-Naphthylpropionic acid Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	5.53 ng/ul	66287	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Naphthylpropionic acid	200	C13H12O2	1000129-24-1	59
2			Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	53
3			Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	43
4			Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	43
5			4-Cyanocinnoline	155	C9H5N3	016470-90-9	43



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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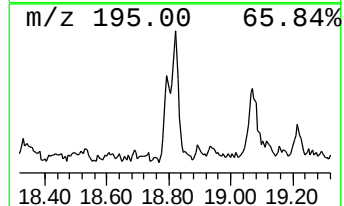
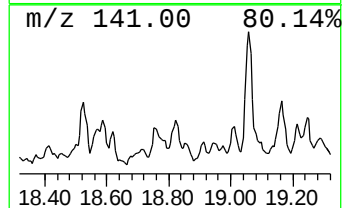
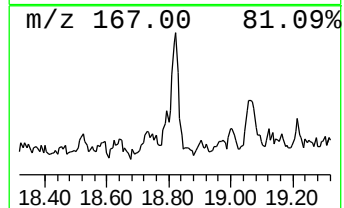
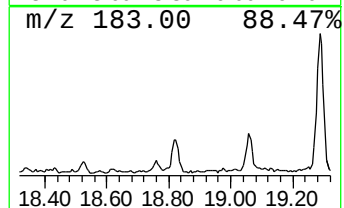
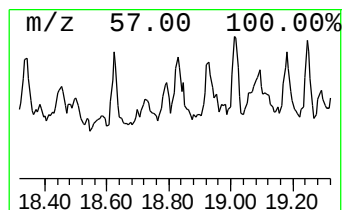
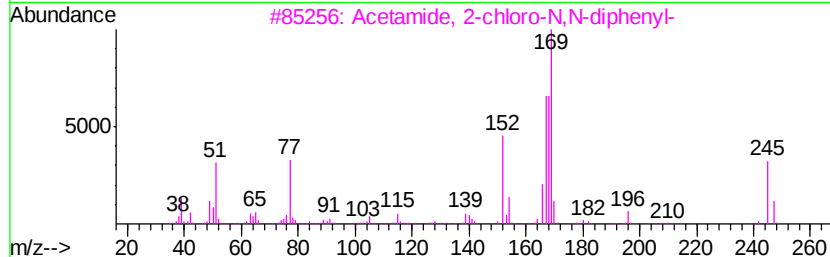
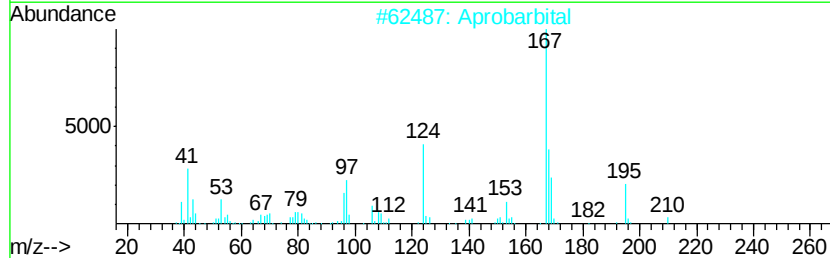
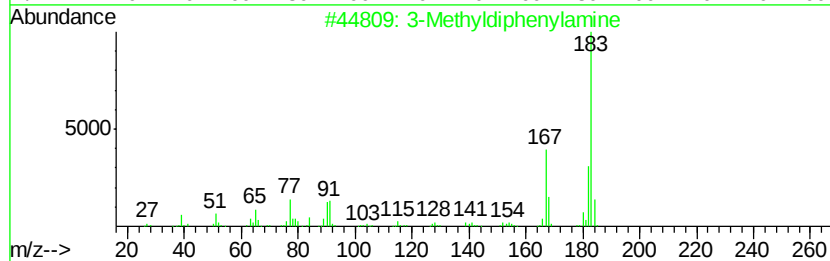
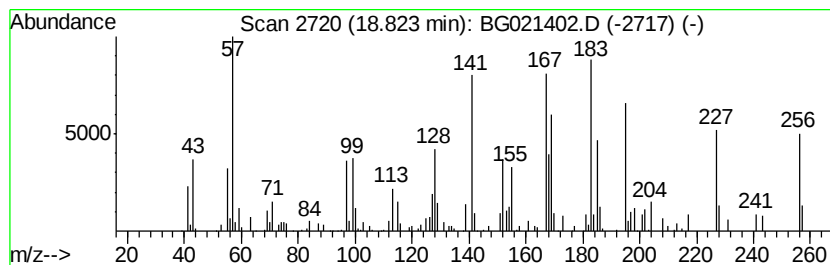
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 unknown-02 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	6.23 ng/ul	74669	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methyldiphenylamine	183	C13H13N	001205-64-7	12
2		Aprobarbital	210	C10H14N2O3	000077-02-1	11
3		Acetamide, 2-chloro-N,N-diphenyl-	245	C14H12ClNO	005428-43-3	10
4		1-Naphthaleneacetamide	185	C12H11NO	000086-86-2	10
5		Cyclopropane, 1,1,2,2-tetramethy...	198	C15H18	1000264-08-5	10



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01

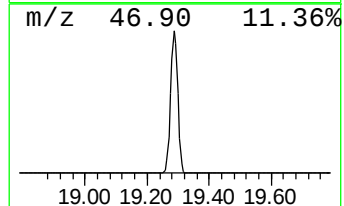
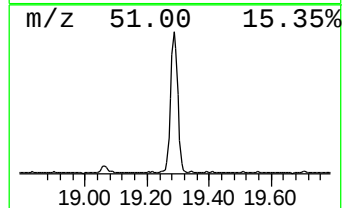
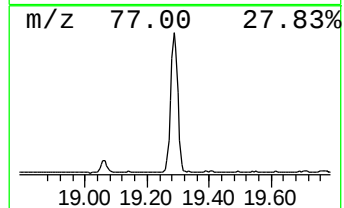
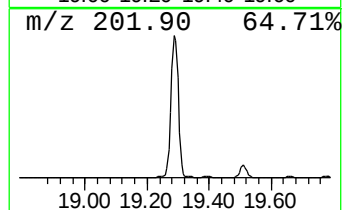
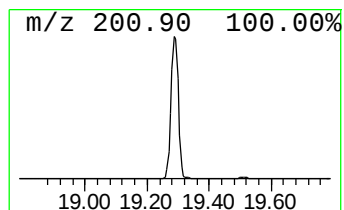
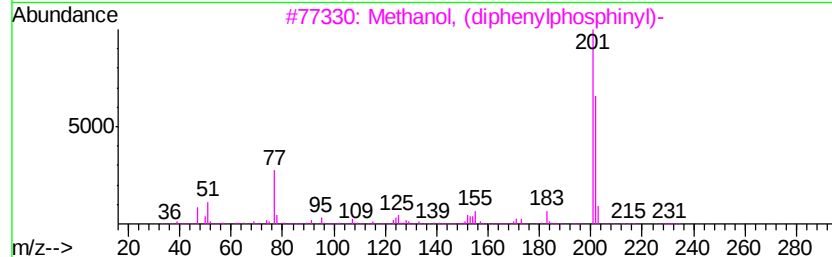
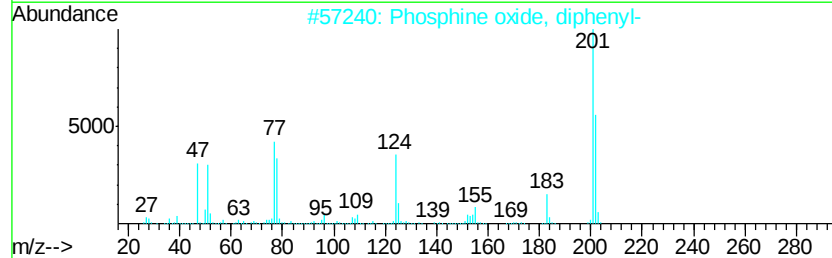
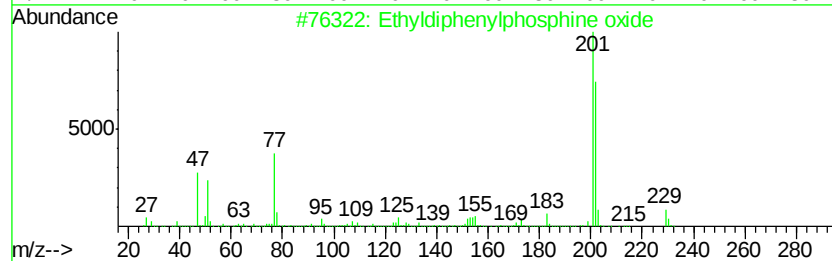
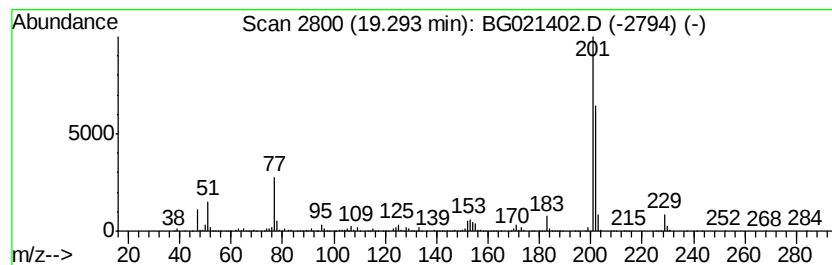
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Ethyldiphenylphosphine oxide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	66.72 ng/ul	799444	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyldiphenylphosphine oxide	230	C14H15OP	001733-57-9	70
2		Phosphine oxide, diphenyl-	202	C12H11OP	004559-70-0	59
3		Methanol, (diphenylphosphinyl)-	232	C13H13O2P	000884-74-2	38
4		Phosphine, chloromethyldiphenyl-...	250	C13H12ClOP	001806-49-1	36
5		Phosphinous acid, diphenyl-	202	C12H11OP	1000296-41-9	32



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-01

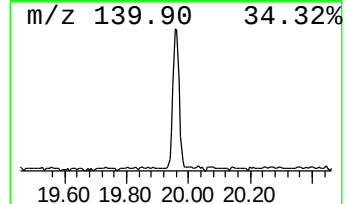
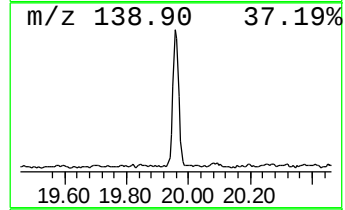
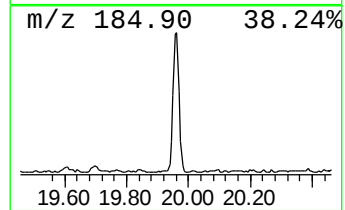
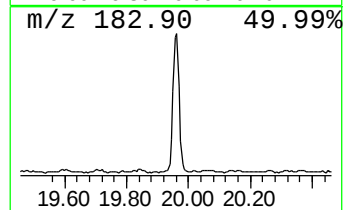
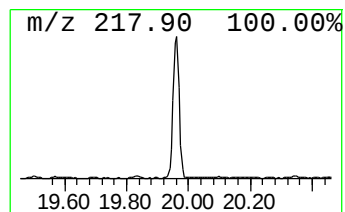
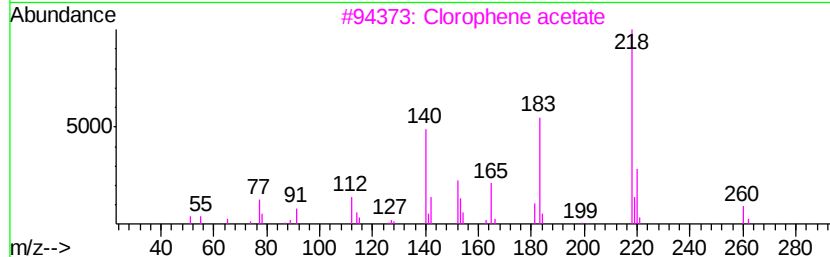
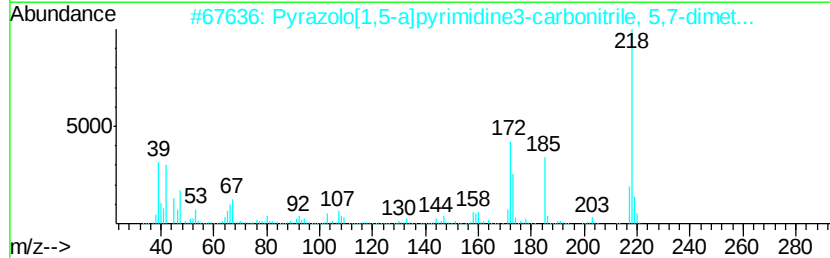
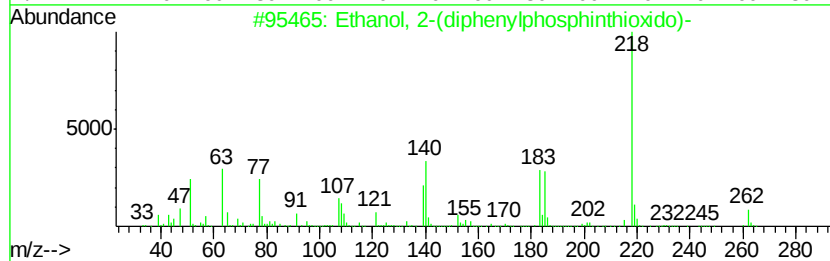
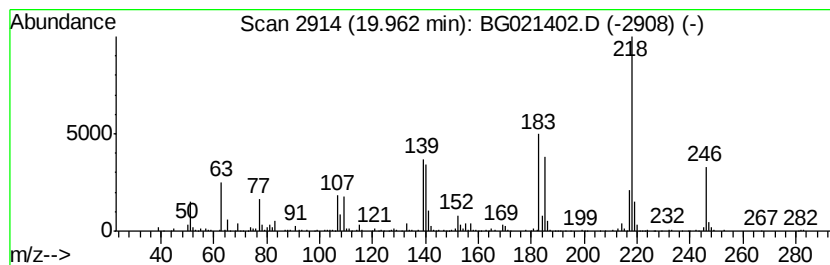
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 unknown-03 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	7.69 ng/ul	285678	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(diphenylphosphinthio...	262	C14H15OPS	066295-82-7	43
2		Pyrazolo[1,5-a]pyrimidine3-carbo...	218	C10H10N4S	090842-90-3	38
3		Clorophene acetate	260	C15H13ClO2	1000120-34-0	25
4		Clorophene	218	C13H11ClO	000120-32-1	25
5		5-Ethyl-5-p-tolylbarbituric acid	246	C13H14N2O3	052584-39-1	22



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
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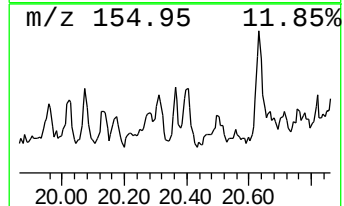
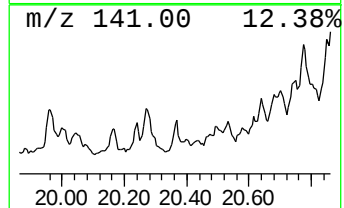
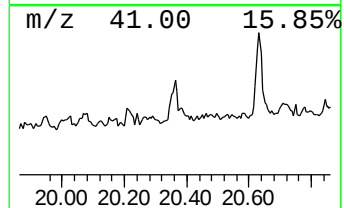
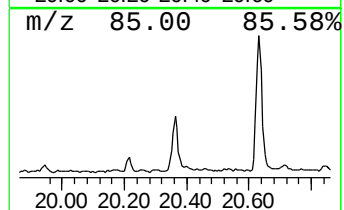
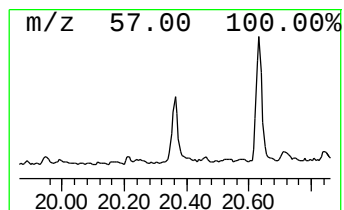
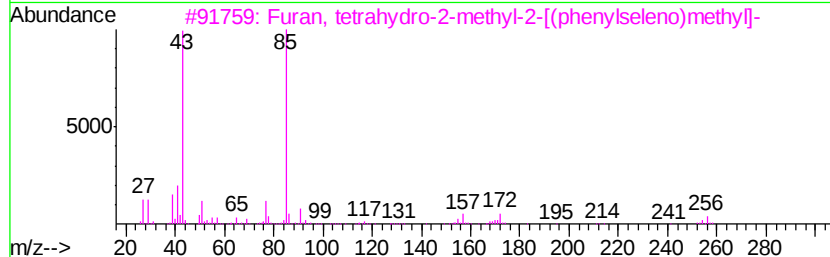
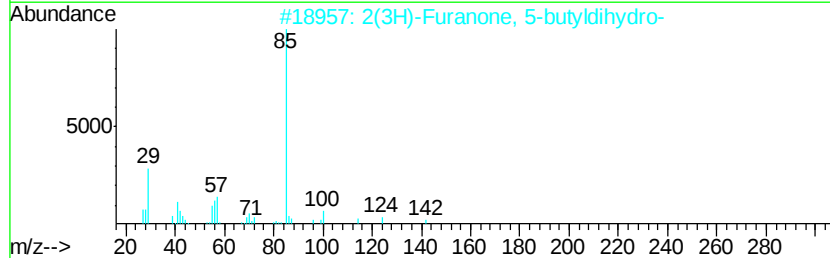
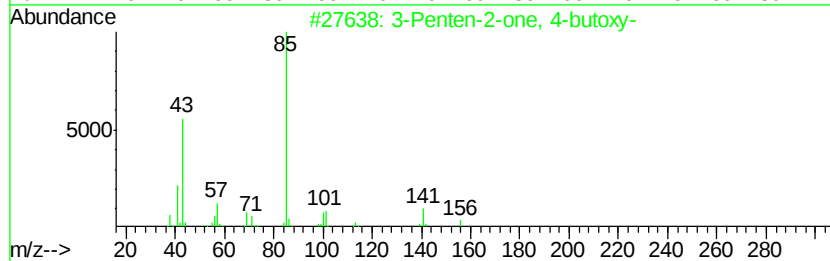
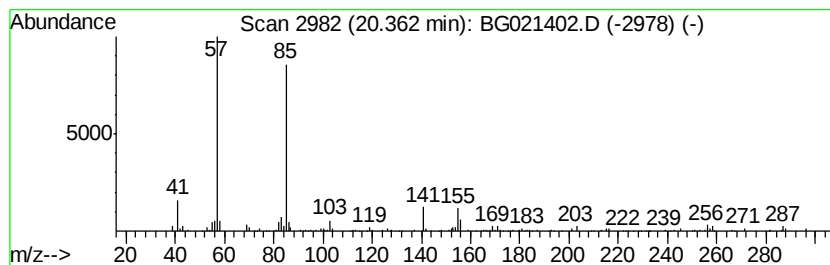
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 3-Penten-2-one, 4-butoxy- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	2.51 ng/ul	93174	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-butoxy-	156	C9H16O2	003431-87-6	59
2		2(3H)-Furanone, 5-butyldihydro-	142	C8H14O2	000104-50-7	50
3		Furan, tetrahydro-2-methyl-2-[(p...	256	C12H16OSe	114524-28-6	47
4		3-Heptanone, 2-methyl-	128	C8H16O	013019-20-0	42
5		Benzyl isobutyl ketone	176	C12H16O	005349-62-2	36



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01

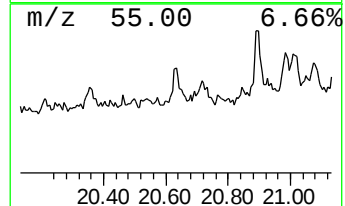
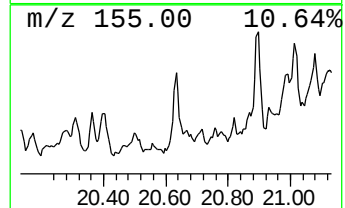
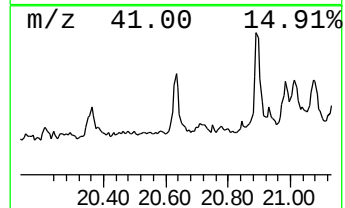
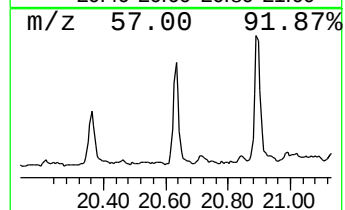
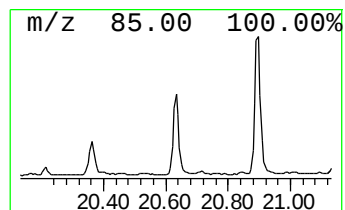
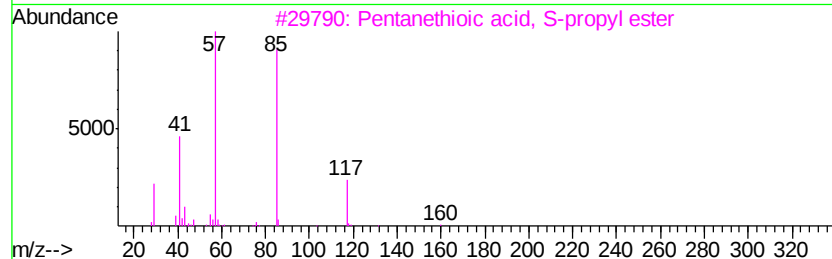
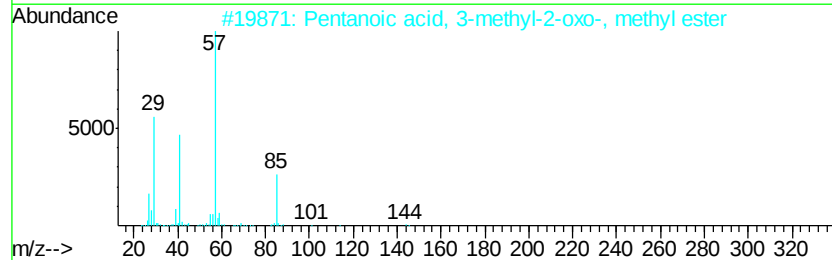
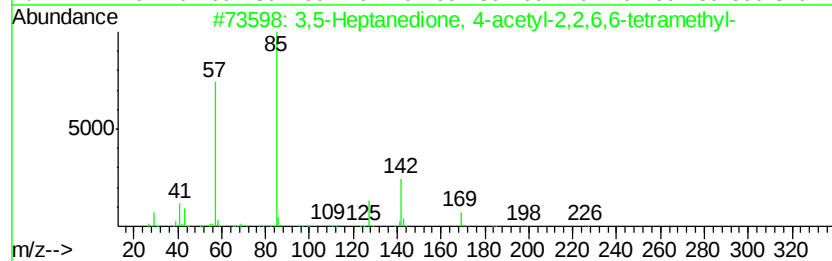
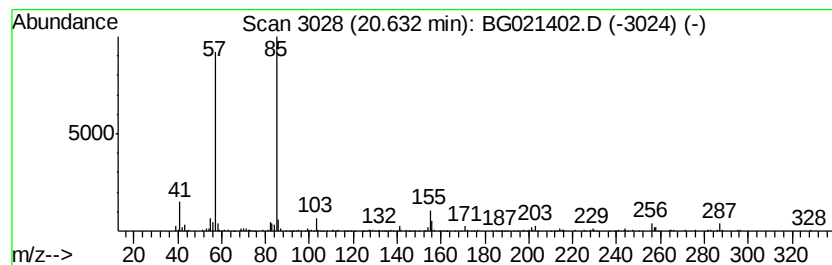
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 3,5-Heptanedione, 4-acetyl-... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	5.94 ng/ul	220753	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Heptanedione, 4-acetyl-2,2,6...	226	C13H22O3	1000161-42-4	53
2		Pentanoic acid, 3-methyl-2-oxo-,...	144	C7H12O3	003682-42-6	53
3		Pentanethioic acid, S-propyl ester	160	C8H16OS	002432-76-0	53
4		2-Butyne, 1,4-bis[(tetrahydropyr...	254	C14H22O4	092372-45-7	38
5		2,2-Dimethylpropanoic acid, 4-he...	326	C21H42O2	1000282-85-5	38



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-01

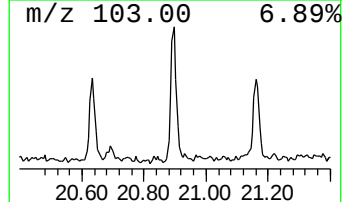
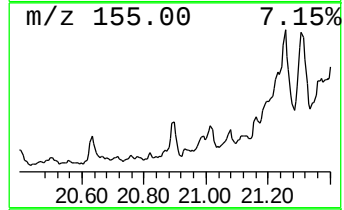
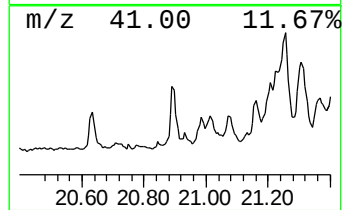
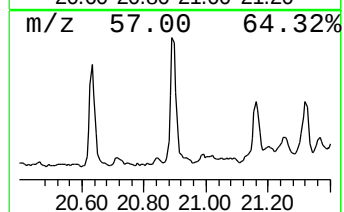
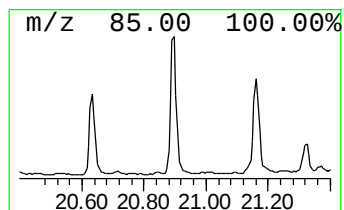
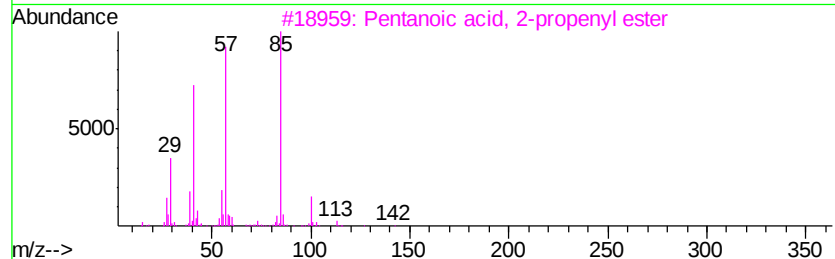
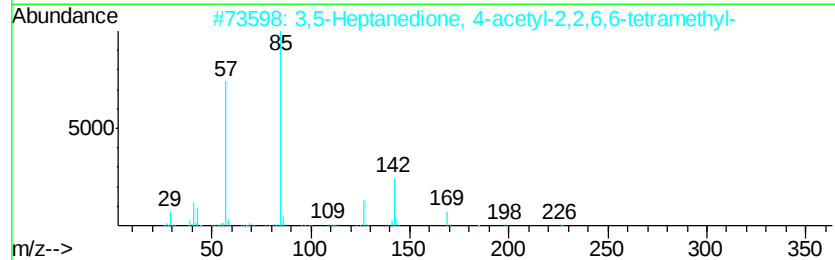
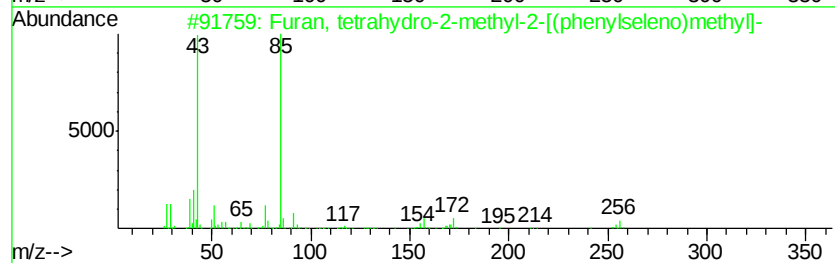
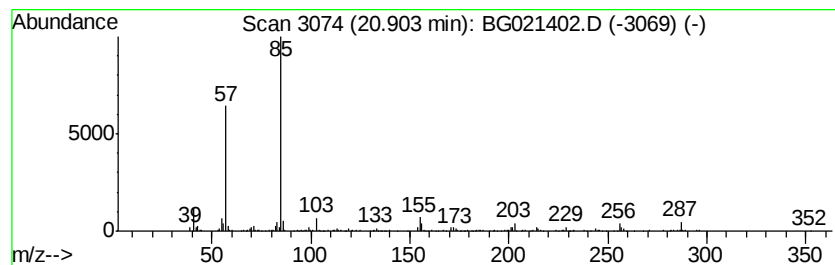
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Furan, tetrahydro-2-methyl-... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	7.08 ng/ul	262970	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Furan, tetrahydro-2-methyl-2-[(p...	256	C12H16OSe	114524-28-6	59
2		3,5-Heptanedione, 4-acetyl-2,2,6...	226	C13H22O3	1000161-42-4	42
3		Pentanoic acid, 2-propenyl ester	142	C8H14O2	006321-45-5	38
4		Valeric acid, but-3-yn-2-yl ester	154	C9H14O2	1000292-48-4	38
5		Pentanoic acid, cyclobutyl ester	156	C9H16O2	1000282-85-7	36



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-01

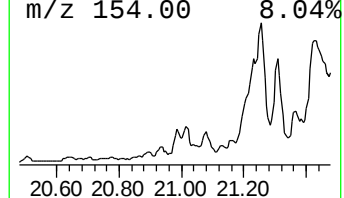
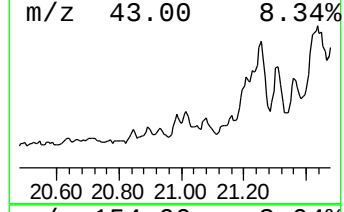
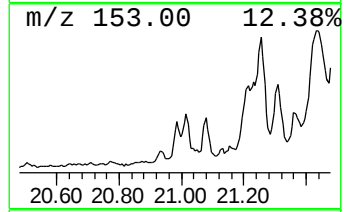
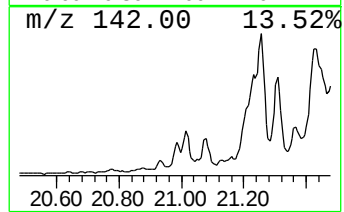
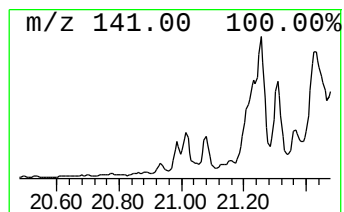
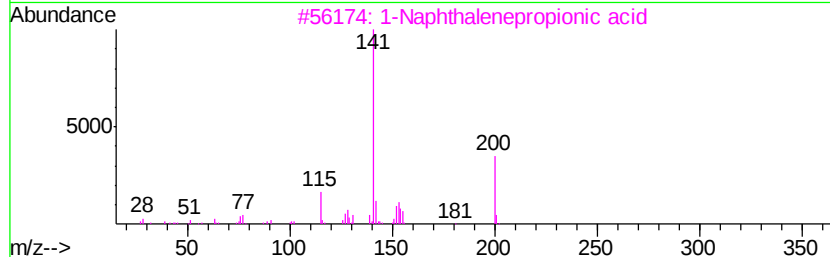
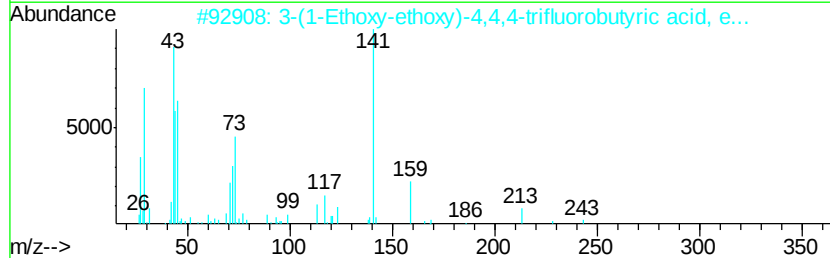
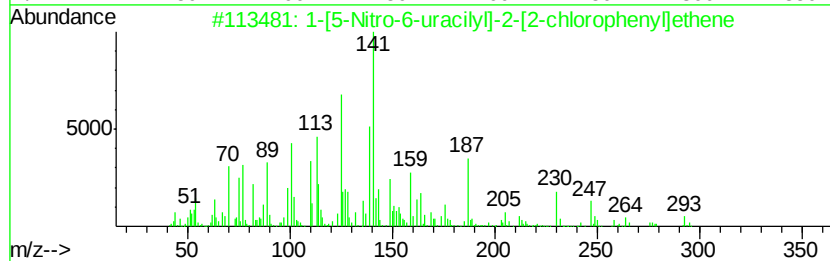
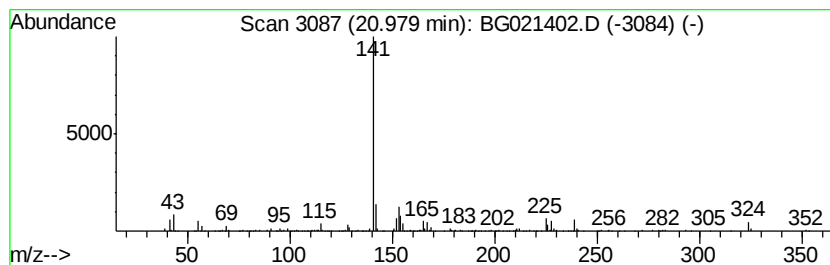
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 unknown-04 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	5.88 ng/ul	218440	Chrysene-d12	21.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1		[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	47
2	3		(1-Ethoxy-ethoxy)-4,4,4-triflu...	258	C10H17F3O4	095605-52-0	40
3	1		Naphthalenepropionic acid	200	C13H12O2	003243-42-3	16
4	1		Azuleneethanol, acetate	214	C14H14O2	026154-65-4	12
5	2,6		Difluorobenzoic acid, 3-meth...	226	C12H12F2O2	1000292-58-2	9



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01

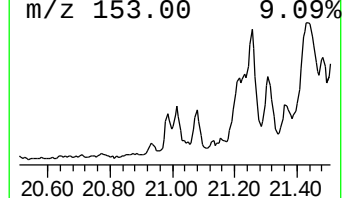
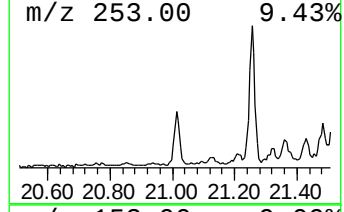
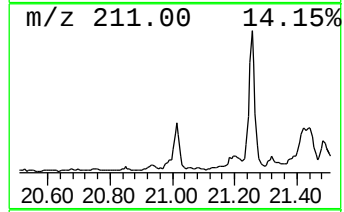
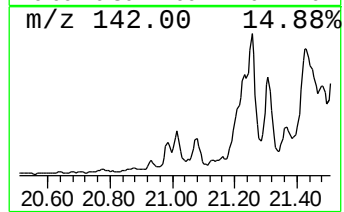
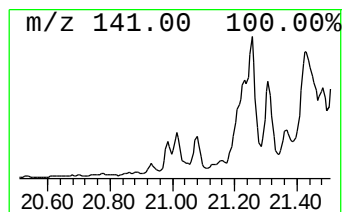
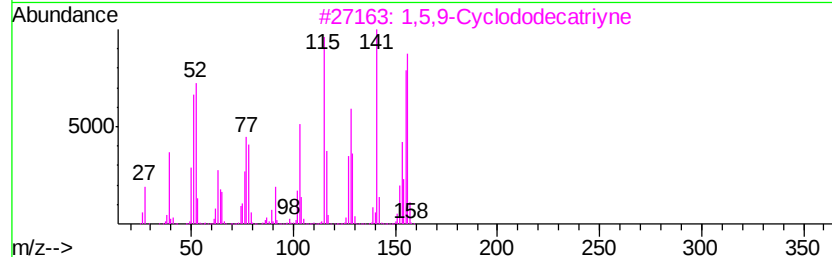
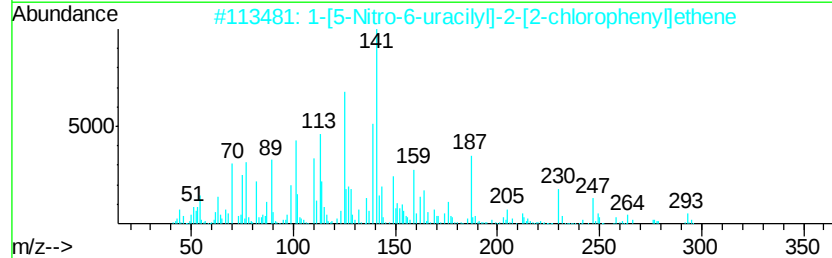
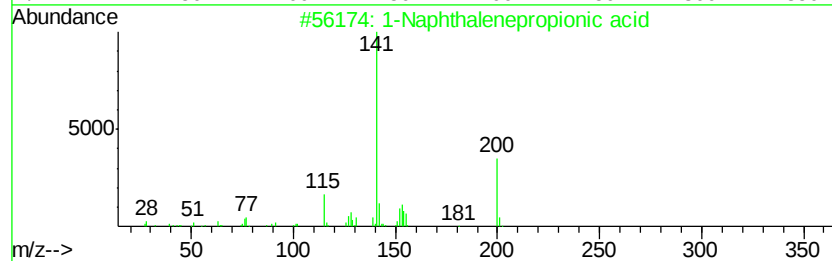
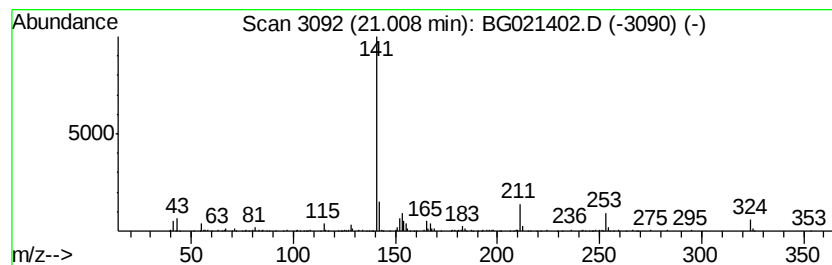
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 unknown-05 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	5.72 ng/ul	212347	Chrysene-d12	21.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Naphthalenepropionic acid	200	C13H12O2	003243-42-3	38
2			1-[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	28
3			1,5,9-Cyclododecatriyne	156	C12H12	060323-50-4	10
4			2-Naphthaleneethanol	172	C12H12O	001485-07-0	9
5			Pyrazol-4-amine, 3,5-dimethyl-1-...	251	C16H17N3	1000273-77-6	9



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01

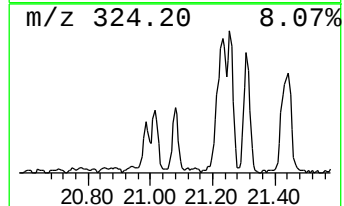
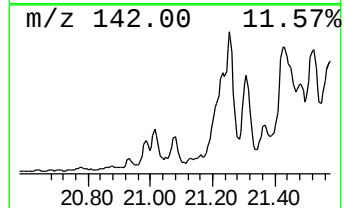
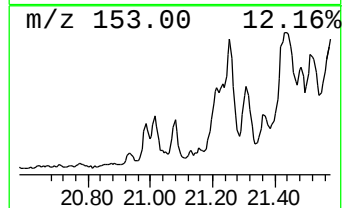
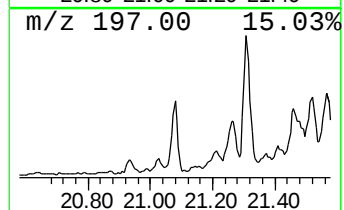
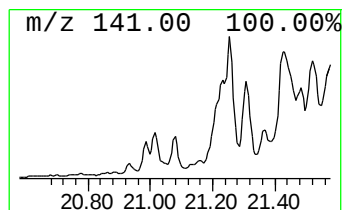
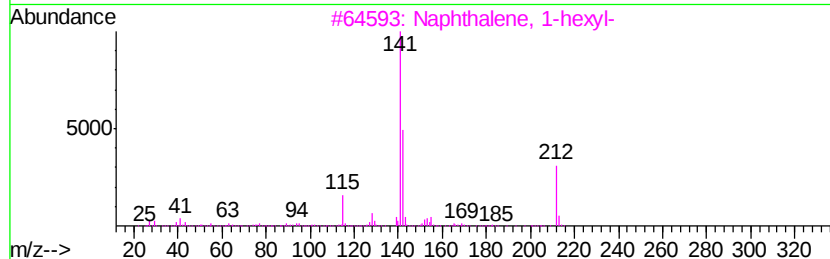
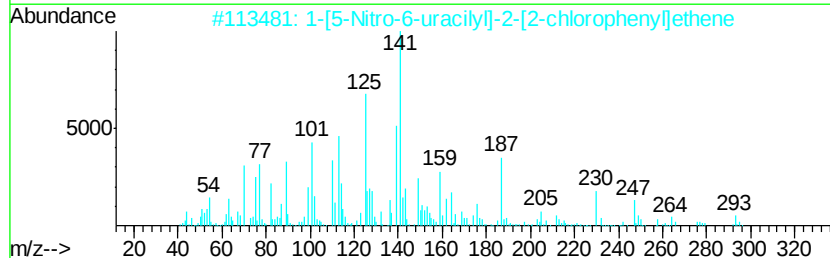
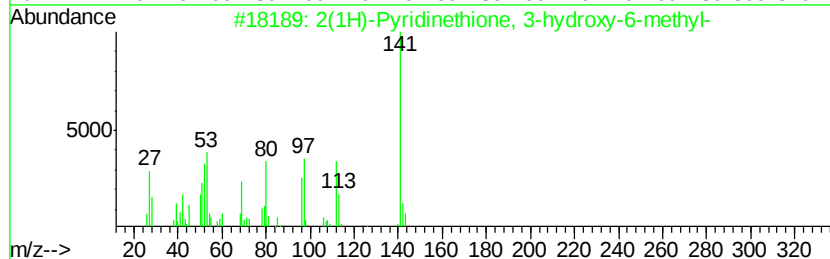
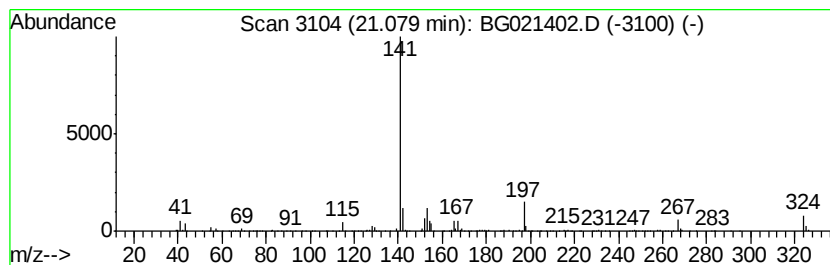
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 unknown-06 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	5.50 ng/ul	204459	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Pyridinethione, 3-hydroxy-...	141	C6H7NOS	022989-67-9	40
2		1-[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	28
3		Naphthalene, 1-hexyl-	212	C16H20	002876-53-1	28
4		2-Furanpropanoic acid, tetrahydr...	298	C18H18O4	055760-28-6	9
5		Pentanamide, N-(3-chloro-4-methy...	239	C13H18ClNO	002307-68-8	9



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BLDG06-P001-SS001-01

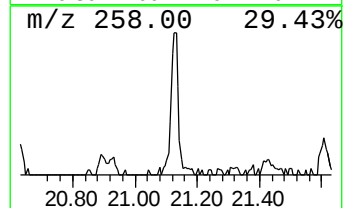
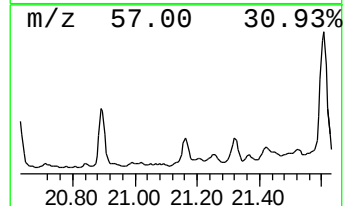
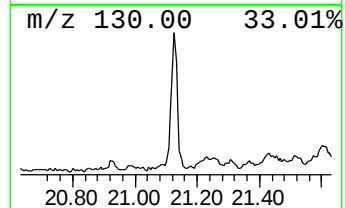
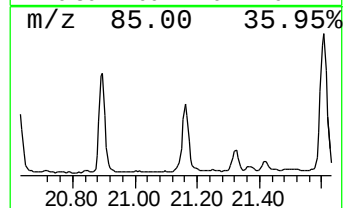
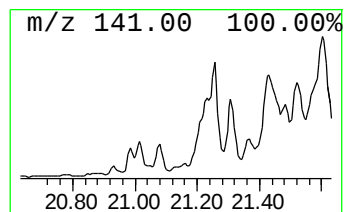
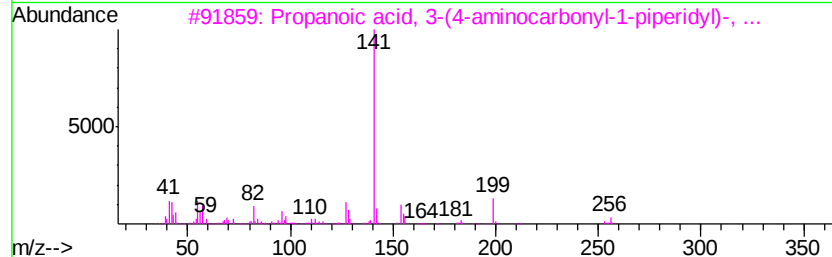
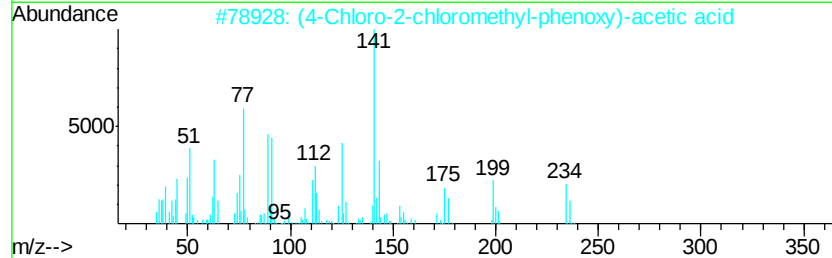
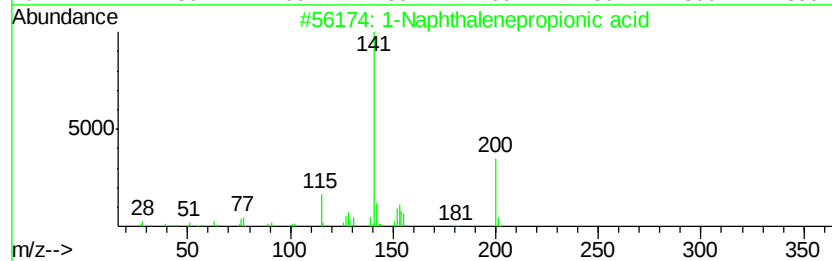
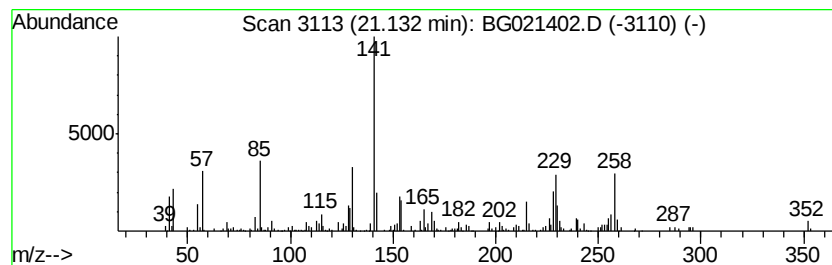
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 unknown-07 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	2.32 ng/ul	86196	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenepropionic acid	200	C13H12O2	003243-42-3	27
2		(4-Chloro-2-chloromethyl-phenoxy)...	234	C9H8Cl2O3	004286-99-1	25
3		Propanoic acid, 3-(4-aminocarbon...	256	C13H24N2O3	1000272-05-7	22
4		Cyclohexanone, 0-(1-naphthalenyl...	253	C17H19NO	055045-02-8	16
5		2,6-Difluorobenzoic acid, hex-4-...	238	C13H12F2O2	1000292-58-4	12



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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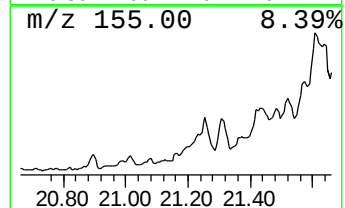
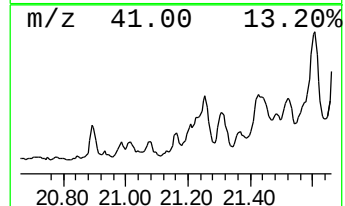
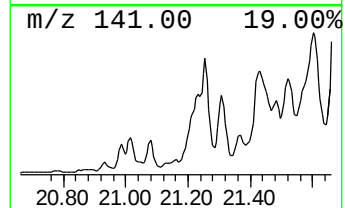
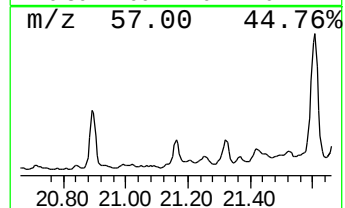
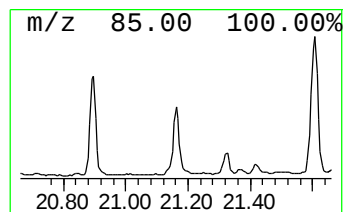
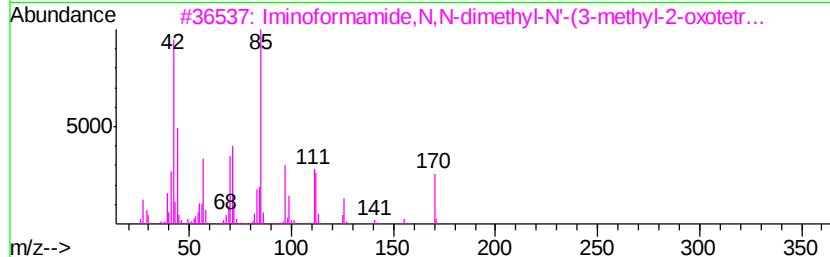
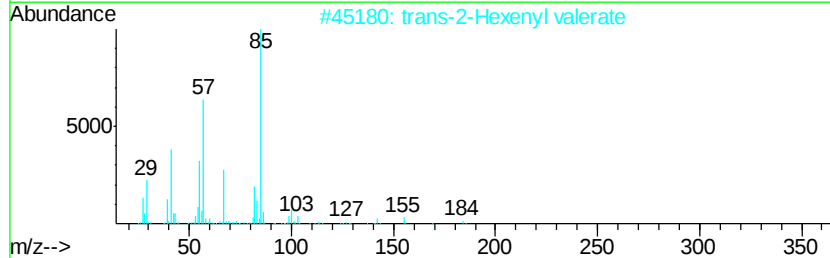
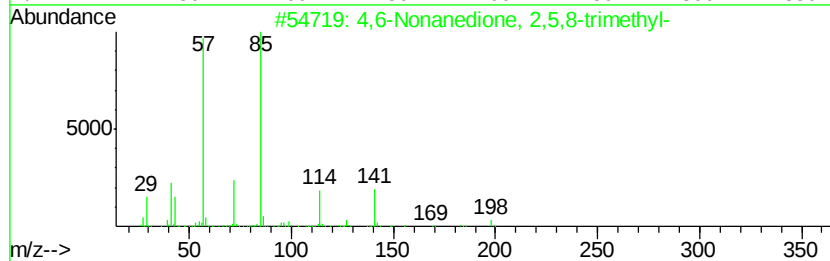
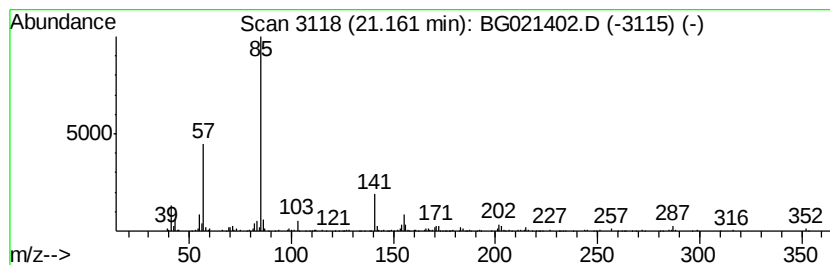
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 4,6-Nonanedione, 2,5,8-trim... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	4.30 ng/ul	159589	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,6-Nonanedione, 2,5,8-trimethyl-	198	C12H22O2	1000162-14-3	59
2		trans-2-Hexenyl valerate	184	C11H20O2	056922-74-8	53
3		Iminoformamide,N,N-dimethyl-N'-(...	170	C8H14N2O2	1000186-27-6	53
4		2-Methylbutanoic anhydride	186	C10H18O3	001468-39-9	50
5		3-Penten-2-one, 4-butoxy-	156	C9H16O2	003431-87-6	50



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
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Operator : UM/SJ
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ClientSampleId :
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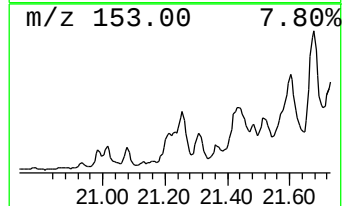
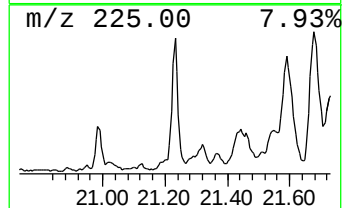
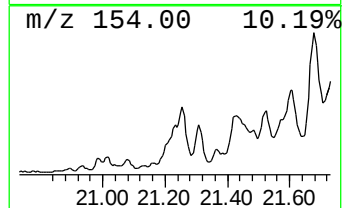
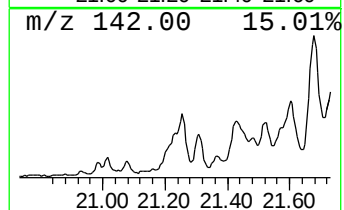
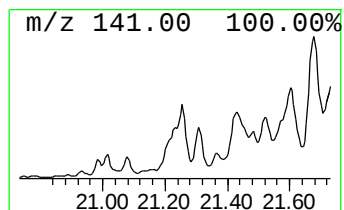
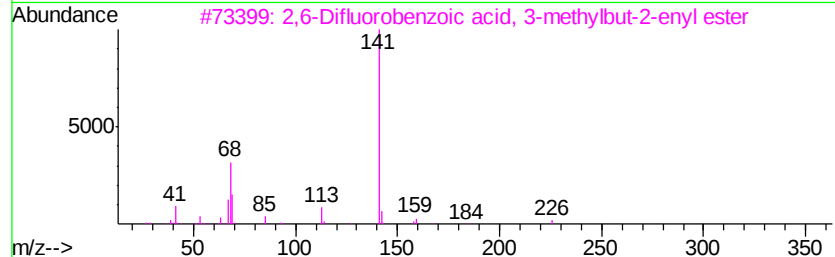
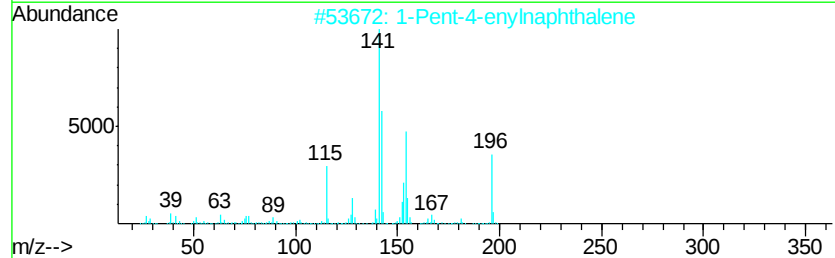
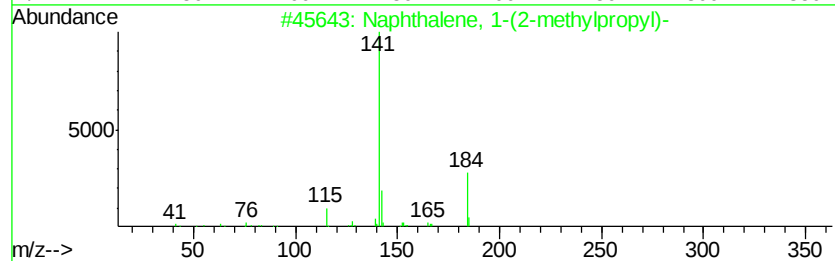
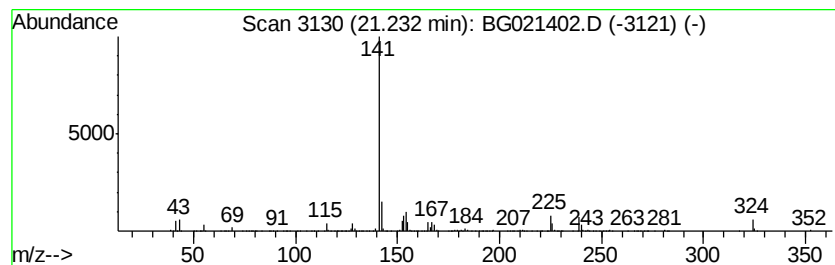
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 Naphthalene, 1-(2-methylpro... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	23.55 ng/ul	874887	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-(2-methylpropyl)-	184	C14H16	016727-91-6	53
2		1-Pent-4-enynaphthalene	196	C15H16	093359-74-1	10
3		2,6-Difluorobenzoic acid, 3-meth...	226	C12H12F2O2	1000292-58-2	9
4		2-Furanpropanoic acid, tetrahydr...	298	C18H18O4	055760-28-6	9
5		Naphthalene, 1-butyl-	184	C14H16	001634-09-9	9



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
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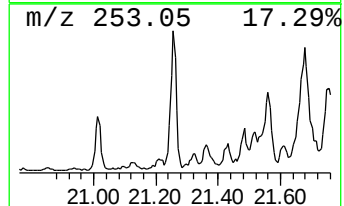
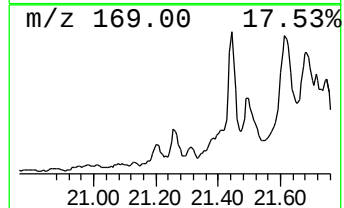
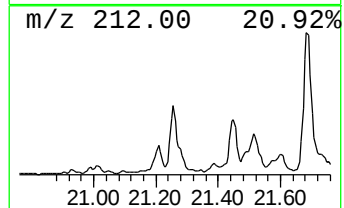
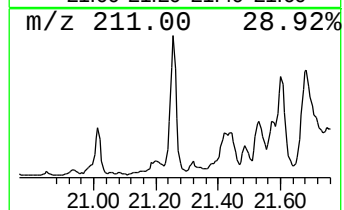
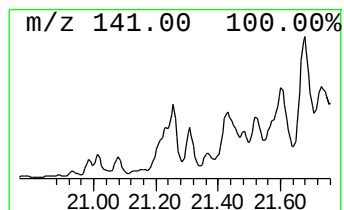
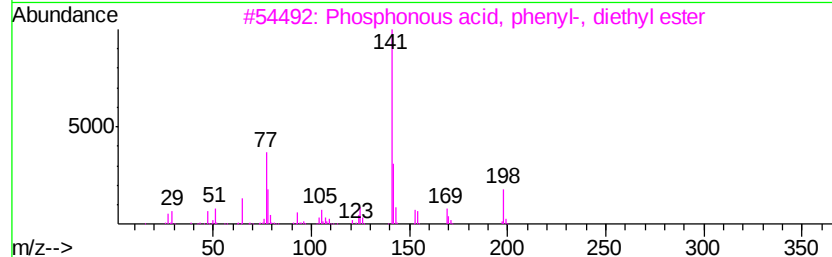
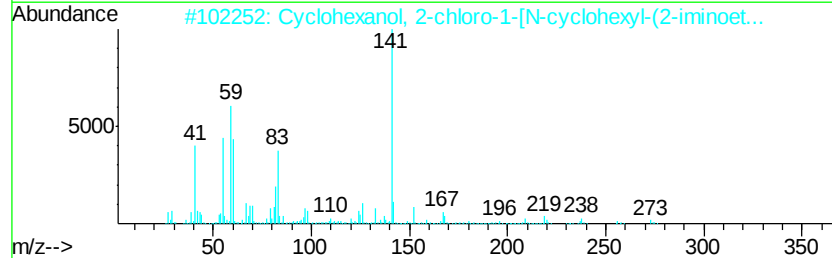
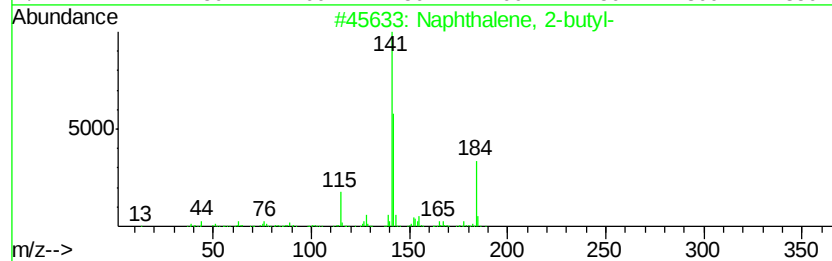
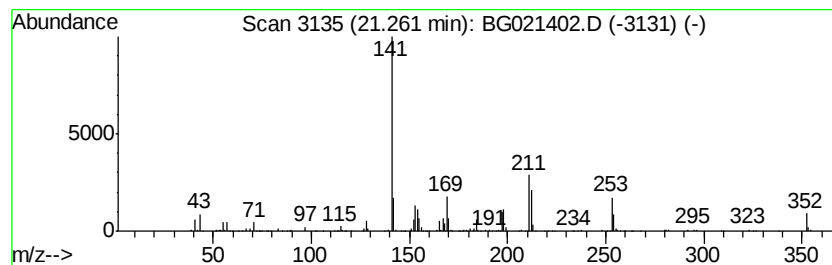
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 35 unknown-08 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	23.26 ng/ul	863945	Chrysene-d12	21.74
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-butyl-	184 C14H16	001134-62-9 43
2		Cyclohexanol, 2-chloro-1-[N-cycl...	273 C14H24ClN02	1000190-11-2 28
3		Phosphonous acid, phenyl-, dieth...	198 C10H15O2P	001638-86-4 28
4		1-Azuleneethanol, acetate	214 C14H14O2	026154-65-4 12
5		Naphthalene, 2-hexyl-	212 C16H20	002876-46-2 9



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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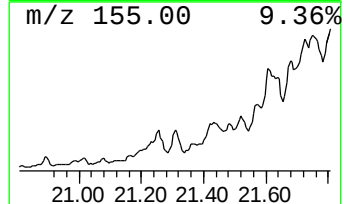
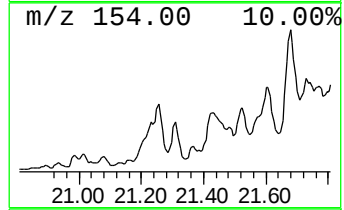
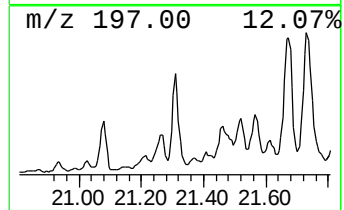
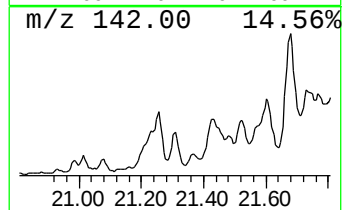
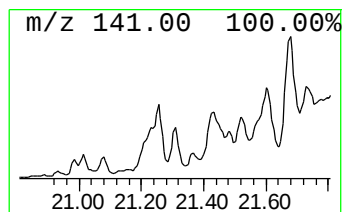
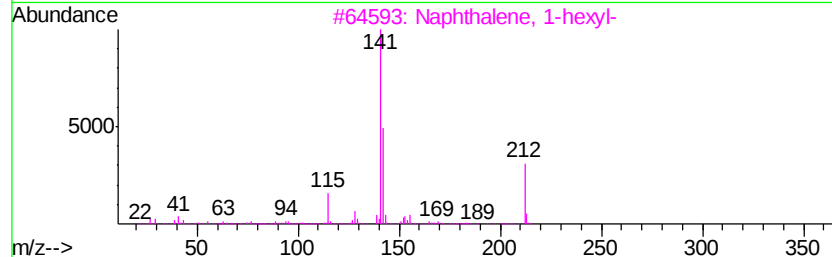
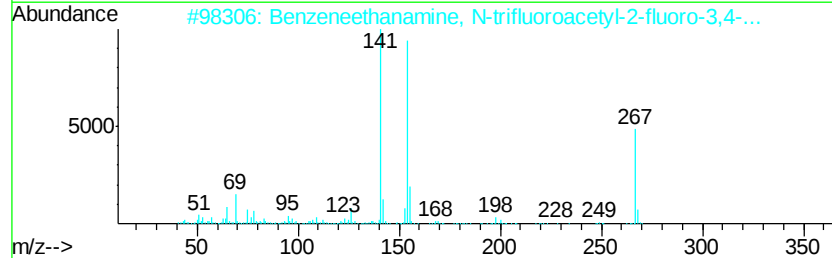
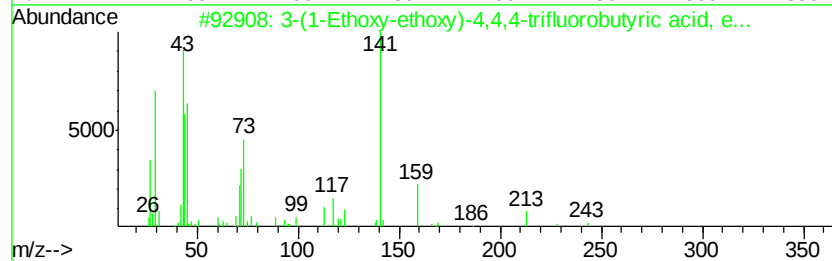
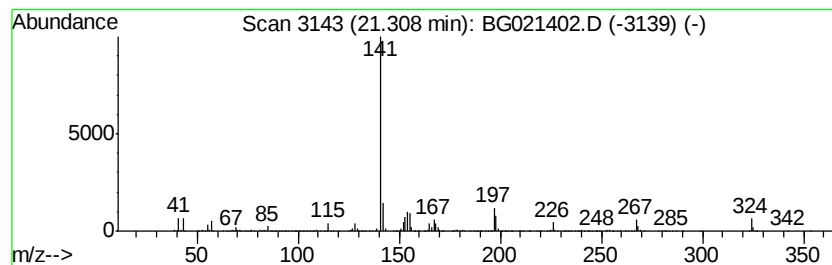
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 unknown-09 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	18.83 ng/ul	699360	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-(1-Ethoxy-ethoxy)-4,4,4-triflu...	258	C10H17F3O4	095605-52-0	43
2		Benzeneethanamine, N-trifluoroac...	267	C10H9F4NO3	059043-77-5	40
3		Naphthalene, 1-hexyl-	212	C16H20	002876-53-1	40
4		Naphthalene, 1-(2-methylpropyl)-	184	C14H16	016727-91-6	40
5		Naphthalene, 2-hexyl-	212	C16H20	002876-46-2	33



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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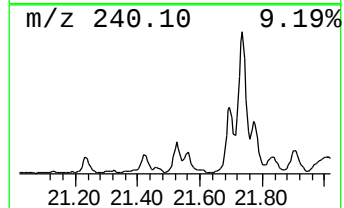
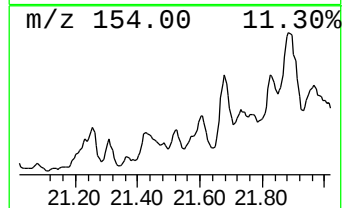
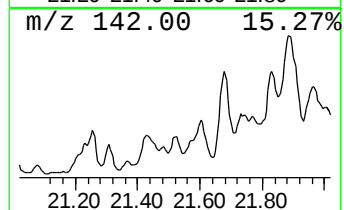
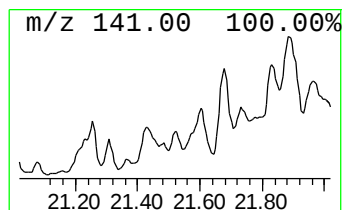
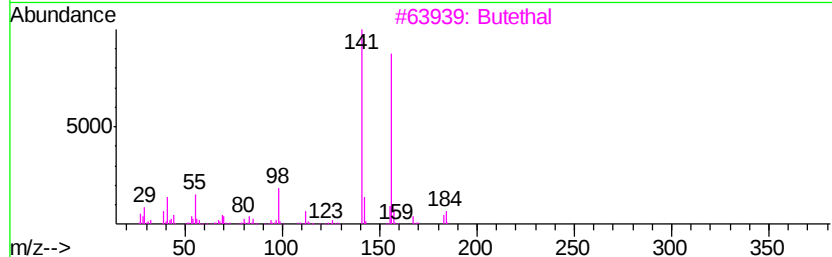
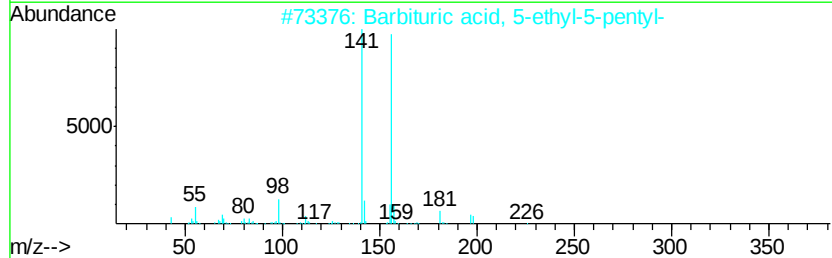
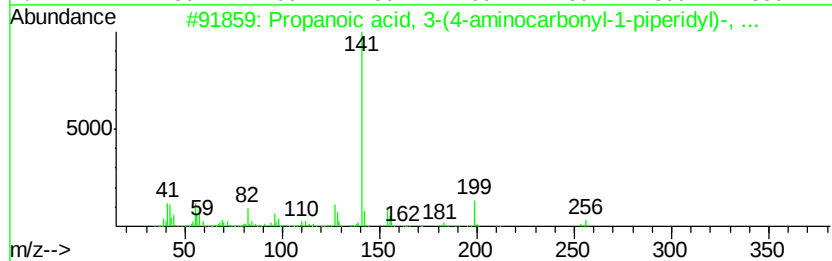
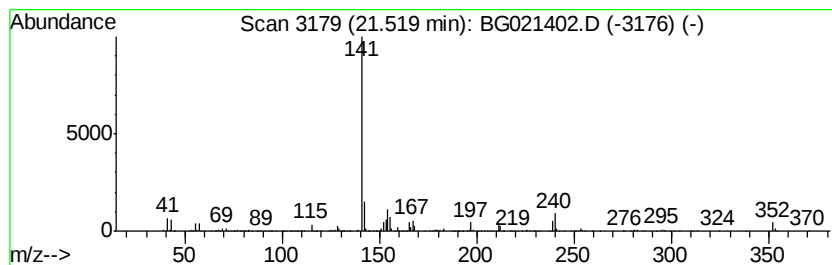
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 unknown-10 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	11.26 ng/ul	418288	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 3-(4-aminocarbon...	256	C13H24N2O3	1000272-05-7	38
2		Barbituric acid, 5-ethyl-5-pentyl-	226	C11H18N2O3	000115-58-2	36
3		Butethal	212	C10H16N2O3	000077-28-1	33
4		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	33
5		Undecane, 1-(1-naphthyl)-	282	C21H30	007225-71-0	33



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
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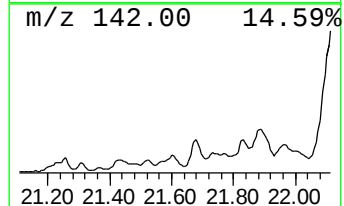
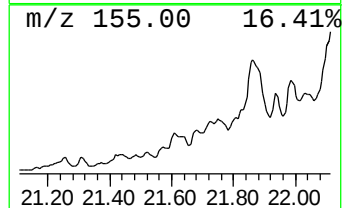
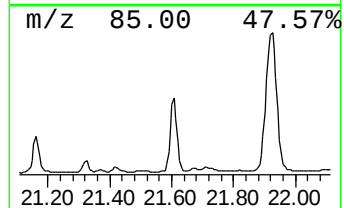
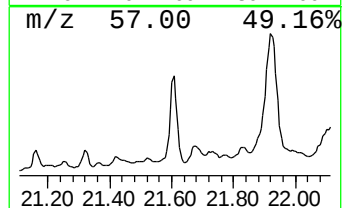
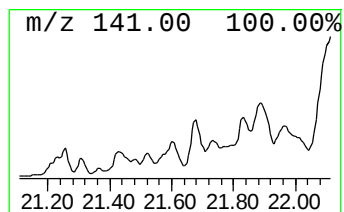
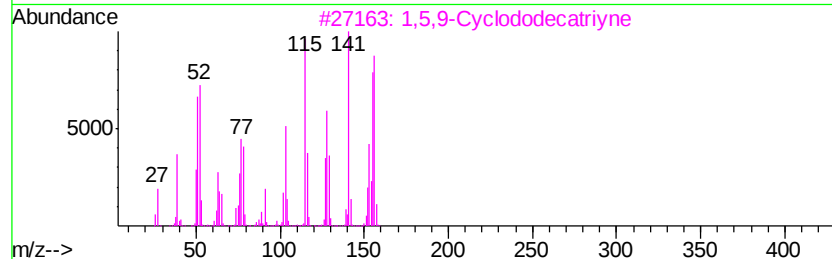
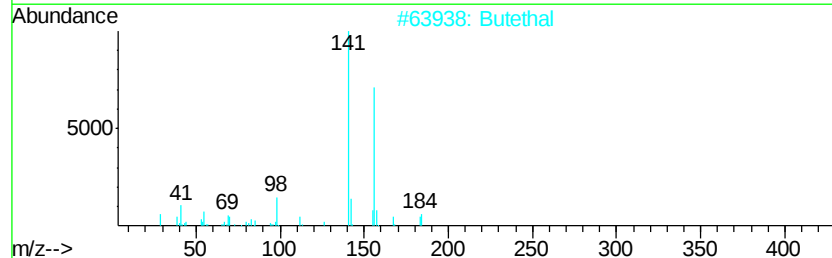
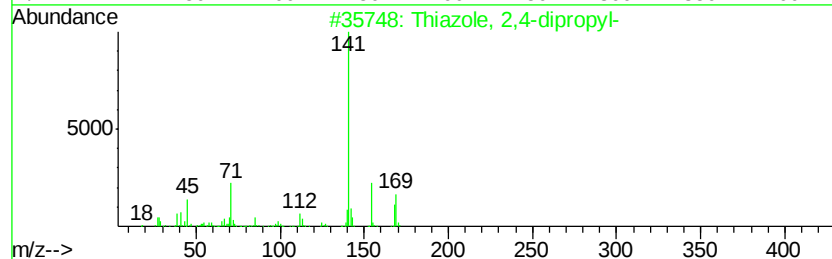
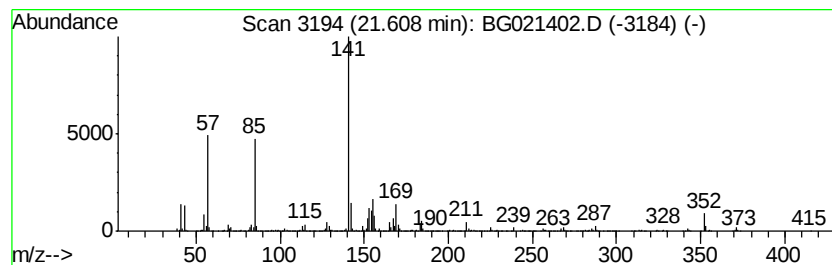
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 unknown-11 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.61	59.81 ng/ul	2221950	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiazole, 2,4-dipropyl-	169	C9H15NS	041981-74-2	43
2		Butethal	212	C10H16N2O3	000077-28-1	37
3		1,5,9-Cyclododecatriyne	156	C12H12	060323-50-4	35
4		2-Propanone, bis(2-methylpropyl)...	184	C11H24N2	052835-12-8	35
5		3-(1-Ethoxy-ethoxy)-4,4,4-triflu...	258	C10H17F3O4	095605-52-0	35



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021402.D
Acq On : 10 Mar 2016 10:59
Operator : UM/SJ
Sample : H1616-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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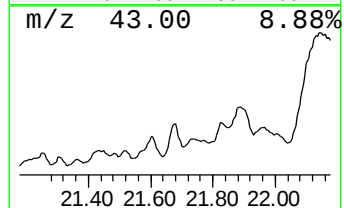
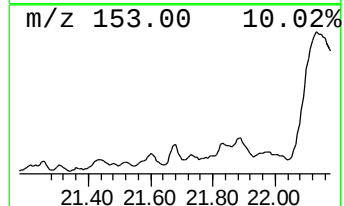
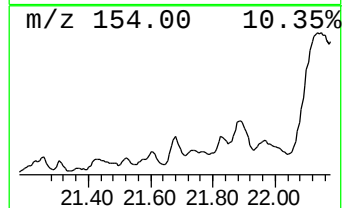
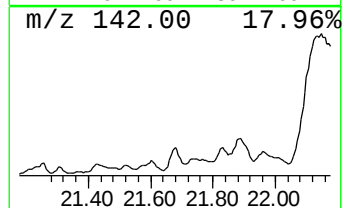
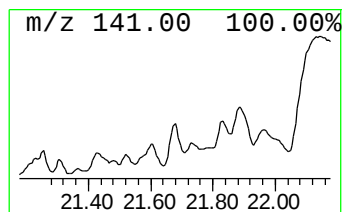
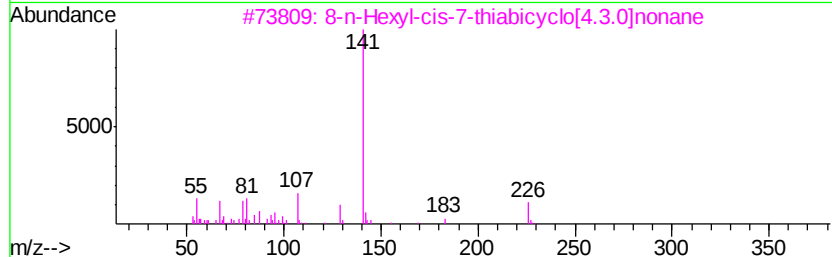
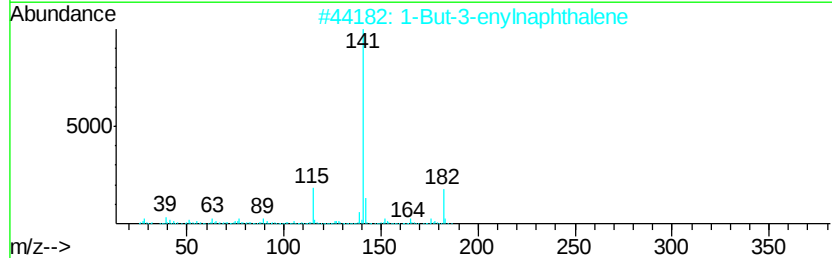
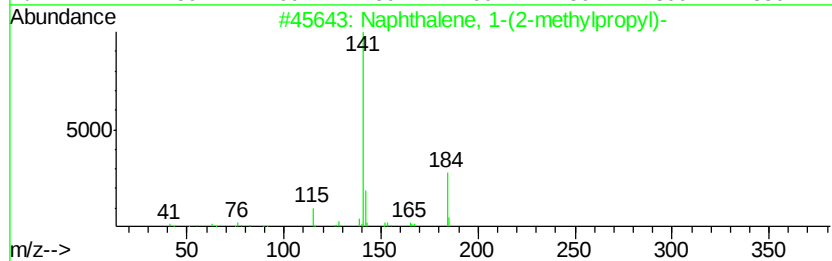
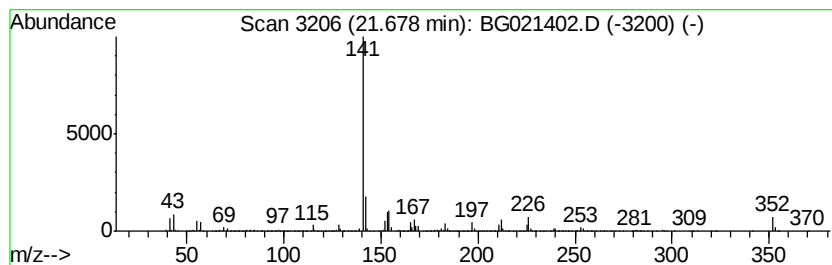
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 41 unknown-12 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.68	74.19 ng/ul	2756160	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-(2-methylpropyl)-	184	C14H16	016727-91-6	36
2		1-But-3-enynaphthalene	182	C14H14	002489-88-5	36
3		8-n-Hexyl-cis-7-thiabicyclo[4.3....	226	C14H26S	1000215-09-7	33
4		1,5-Dioxaspiro[5.5]undecan-9-one...	198	C11H18O3	069225-59-8	9
5		Naphthalene, 1-propyl-	170	C13H14	002765-18-6	9



Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021402.D
 Acq On : 10 Mar 2016 10:59
 Operator : UM/SJ
 Sample : H1616-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BLDG06-P001-SS001-01

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
Heptanoic acid	8.72	19.0	ng/ul	88801	1	8.12	93389	20.0
Octanoic Acid	10.25	11.6	ng/ul	85996	2	10.93	148346	20.0
n-Decanoic acid	13.04	18.7	ng/ul	242500	3	14.73	259421	20.0
(DEL) Alkane: Str...	14.05	4.6	ng/ul	60068	3	14.73	259421	20.0
(DEL) Alkane: Str...	14.50	4.6	ng/ul	60070	3	14.73	259421	20.0
(DEL) Alkane: Str...	14.54	4.9	ng/ul	63884	3	14.73	259421	20.0
(DEL) Alkane: Str...	14.68	7.5	ng/ul	97290	3	14.73	259421	20.0
(DEL) Alkane: Str...	14.86	4.5	ng/ul	58603	3	14.73	259421	20.0
(DEL) Alkane: Str...	15.04	56.3	ng/ul	729816	3	14.73	259421	20.0
(DEL) Alkane: Str...	15.10	20.0	ng/ul	259108	3	14.73	259421	20.0
(DEL) Alkane: Str...	15.16	13.9	ng/ul	180698	3	14.73	259421	20.0
(DEL) Alkane: Str...	15.22	13.2	ng/ul	171617	3	14.73	259421	20.0
(DEL) Alkane: Str...	15.29	19.5	ng/ul	252641	3	14.73	259421	20.0
(DEL) Alkane: Str...	15.55	35.1	ng/ul	455934	3	14.73	259421	20.0
2-Naphthyl methyl...	15.64	10.6	ng/ul	137714	3	14.73	259421	20.0
1'-Acetonaphthone	15.99	31.4	ng/ul	407433	3	14.73	259421	20.0
Benzene, 2,4-difl...	16.84	5.0	ng/ul	59447	4	17.47	239625	20.0
unknown-01	16.92	4.7	ng/ul	56222	4	17.47	239625	20.0
4-Cyclohepta-2,4,...	17.94	6.7	ng/ul	80388	4	17.47	239625	20.0
2-Naphthylpropion...	18.18	5.5	ng/ul	66287	4	17.47	239625	20.0
unknown-02	18.82	6.2	ng/ul	74669	4	17.47	239625	20.0
Ethylidiphenylphos...	19.29	66.7	ng/ul	799444	4	17.47	239625	20.0
unknown-03	19.96	7.7	ng/ul	285678	5	21.74	743003	20.0
3-Penten-2-one, 4...	20.36	2.5	ng/ul	93174	5	21.74	743003	20.0
3,5-Heptanedione,...	20.63	5.9	ng/ul	220753	5	21.74	743003	20.0
Furan, tetrahydro...	20.90	7.1	ng/ul	262970	5	21.74	743003	20.0
unknown-04	20.98	5.9	ng/ul	218440	5	21.74	743003	20.0
unknown-05	21.01	5.7	ng/ul	212347	5	21.74	743003	20.0
unknown-06	21.08	5.5	ng/ul	204459	5	21.74	743003	20.0
unknown-07	21.13	2.3	ng/ul	86196	5	21.74	743003	20.0
4,6-Nonanedione, ...	21.16	4.3	ng/ul	159589	5	21.74	743003	20.0
Naphthalene, 1-(2...	21.23	23.6	ng/ul	874887	5	21.74	743003	20.0
unknown-08	21.26	23.3	ng/ul	863945	5	21.74	743003	20.0
unknown-09	21.31	18.8	ng/ul	699360	5	21.74	743003	20.0
unknown-10	21.52	11.3	ng/ul	418288	5	21.74	743003	20.0
unknown-11	21.61	59.8	ng/ul	2221950	5	21.74	743003	20.0
unknown-12	21.68	74.2	ng/ul	2756160	5	21.74	743003	20.0