

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
 Data File : BG028559.D
 Acq On : 30 Aug 2017 19:01
 Operator : SJ/JU
 Sample : I4917-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B27

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.823	36	40	48	rBV5	5731	11287	1.19%	0.104%
2	4.329	118	126	133	rVB6	6818	14559	1.54%	0.135%
3	4.446	142	146	154	rVB6	4142	6559	0.69%	0.061%
4	4.540	155	162	170	rVV5	3338	8532	0.90%	0.079%
5	4.752	193	198	209	rBV2	35533	58049	6.13%	0.537%
6	5.157	260	267	273	rBV	20955	36150	3.82%	0.334%
7	5.363	299	302	308	rVB5	3270	6034	0.64%	0.056%
8	5.439	309	315	321	rVB5	6009	11472	1.21%	0.106%
9	5.533	326	331	338	rBV7	5447	10987	1.16%	0.102%
10	5.774	366	372	382	rBV6	3921	10918	1.15%	0.101%
11	6.285	454	459	464	rVV6	3812	7833	0.83%	0.072%
12	6.350	464	470	474	rVV7	4020	7940	0.84%	0.073%
13	6.414	478	481	490	rVV5	3122	5935	0.63%	0.055%
14	6.608	506	514	518	rBV7	4482	11625	1.23%	0.107%
15	6.867	551	558	565	rVB5	7861	16723	1.77%	0.155%
16	6.978	570	577	585	rVB7	7893	19023	2.01%	0.176%
17	7.196	609	614	623	rBV7	5452	13194	1.39%	0.122%
18	7.302	627	632	636	rBV4	4326	5583	0.59%	0.052%
19	7.413	646	651	656	rBV5	4363	8545	0.90%	0.079%
20	7.495	656	665	679	rVV	87316	205963	21.76%	1.904%
21	7.654	685	692	698	rVB	66153	118727	12.55%	1.098%
22	7.719	698	703	705	rBV6	4571	6221	0.66%	0.058%
23	7.824	714	721	723	rBV5	3117	6061	0.64%	0.056%
24	7.871	723	729	737	rBV	83774	152994	16.17%	1.414%
25	8.042	755	758	763	rVB5	3579	5440	0.57%	0.050%
26	8.142	771	775	781	rVV6	4403	7069	0.75%	0.065%
27	8.224	781	789	793	rVV6	4322	10458	1.11%	0.097%
28	8.283	793	799	803	rVV5	12497	24194	2.56%	0.224%
29	8.342	803	809	821	rVB	160318	294840	31.16%	2.726%
30	8.459	821	829	831	rBV5	3760	7464	0.79%	0.069%
31	8.500	831	836	840	rVB7	4206	7647	0.81%	0.071%
32	8.565	843	847	850	rBV3	5870	5422	0.57%	0.050%
33	8.606	850	854	860	rVB5	4250	8766	0.93%	0.081%
34	8.659	860	863	871	rVB6	2965	6666	0.70%	0.062%

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35	8.876	898	900	910	rVB7	6957	17600	1.86%	0.163%
36	8.964	910	915	921	rBV5	6006	12649	1.34%	0.117%
37	9.035	921	927	936	rVV3	95713	188050	19.87%	1.738%
38	9.170	945	950	956	rBV7	7799	13800	1.46%	0.128%
39	9.434	984	995	1000	rBV8	9588	24070	2.54%	0.223%
40	9.511	1000	1008	1017	rVV	87055	176307	18.63%	1.630%
41	9.640	1026	1030	1036	rBV8	5373	11943	1.26%	0.110%
42	9.869	1064	1069	1076	rBV5	4148	10603	1.12%	0.098%
43	9.957	1080	1084	1091	rVV6	5442	10224	1.08%	0.095%
44	10.016	1091	1094	1099	rVV3	4003	6116	0.65%	0.057%
45	10.069	1099	1103	1110	rVB6	4260	7908	0.84%	0.073%
46	10.233	1123	1131	1141	rVV2	73639	144047	15.22%	1.332%
47	10.551	1178	1185	1190	rBV4	5473	13081	1.38%	0.121%
48	10.780	1217	1224	1243	rVB	100982	214248	22.64%	1.981%
49	11.021	1255	1265	1270	rBV6	8089	17413	1.84%	0.161%
50	11.156	1281	1288	1302	rVB	228733	447062	47.24%	4.133%
51	11.297	1304	1312	1328	rVB3	29437	75384	7.97%	0.697%
52	11.632	1364	1369	1374	rBV3	3365	6498	0.69%	0.060%
53	12.025	1432	1436	1445	rVB7	2596	7568	0.80%	0.070%
54	12.125	1445	1453	1459	rBV5	6019	12641	1.34%	0.117%
55	12.325	1479	1487	1490	rBV7	3720	6314	0.67%	0.058%
56	12.413	1494	1502	1508	rBV7	3753	10332	1.09%	0.096%
57	12.519	1515	1520	1526	rVB5	4420	9073	0.96%	0.084%
58	12.607	1530	1535	1541	rBV5	3123	6692	0.71%	0.062%
59	12.736	1547	1557	1561	rVB5	4076	9845	1.04%	0.091%
60	12.789	1561	1566	1575	rBV4	12581	20582	2.17%	0.190%
61	13.012	1594	1604	1610	rVV5	10355	21706	2.29%	0.201%
62	13.394	1665	1669	1673	rVB5	5235	8007	0.85%	0.074%
63	13.453	1674	1679	1687	rVB7	7090	13417	1.42%	0.124%
64	13.741	1721	1728	1732	rBV4	14844	27413	2.90%	0.253%
65	13.970	1762	1767	1770	rBV7	4508	9771	1.03%	0.090%
66	14.117	1783	1792	1799	rBV10	9419	32135	3.40%	0.297%
67	14.264	1813	1817	1823	rVV5	13670	27190	2.87%	0.251%
68	14.334	1823	1829	1834	rVV	217096	349873	36.97%	3.234%
69	14.381	1834	1837	1847	rVB	88529	133315	14.09%	1.232%
70	14.505	1853	1858	1862	rBV8	9713	13748	1.45%	0.127%
71	14.646	1875	1882	1895	rBV	214991	379994	40.15%	3.513%

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72	14.769	1899	1903	1906	rBV5	10514	16280	1.72%	0.150%
73	14.799	1906	1908	1912	rVB5	9506	11474	1.21%	0.106%
74	14.951	1922	1934	1941	rVB2	365619	628833	66.45%	5.813%
75	15.022	1941	1946	1952	rBV8	9716	20378	2.15%	0.188%
76	15.163	1964	1970	1982	rBV5	24134	58754	6.21%	0.543%
77	15.339	1996	2000	2009	rVB5	11245	27781	2.94%	0.257%
78	15.416	2009	2013	2018	rVB7	14163	20944	2.21%	0.194%
79	15.545	2033	2035	2041	rBV7	7623	15537	1.64%	0.144%
80	15.750	2060	2070	2077	rVB6	23372	64576	6.82%	0.597%
81	15.821	2078	2082	2083	rBV4	6424	8670	0.92%	0.080%
82	15.938	2095	2102	2108	rBV	302874	468198	49.47%	4.328%
83	16.068	2118	2124	2129	rBV2	58990	102075	10.79%	0.944%
84	16.608	2213	2216	2231	rBV6	24905	77051	8.14%	0.712%
85	17.701	2395	2402	2407	rBV	465491	756675	79.96%	6.995%
86	17.742	2407	2409	2413	rVV	83831	99612	10.53%	0.921%
87	17.801	2413	2419	2427	rVV	306259	485375	51.29%	4.487%
88	18.547	2542	2546	2548	rBV4	72275	103584	10.95%	0.958%
89	18.624	2555	2559	2564	rVB2	53770	80902	8.55%	0.748%
90	18.765	2578	2583	2587	rBV3	52134	114669	12.12%	1.060%
91	19.470	2700	2703	2708	rVB2	45319	66816	7.06%	0.618%
92	19.740	2744	2749	2754	rVB	100405	145955	15.42%	1.349%
93	19.946	2779	2784	2793	rBV	368621	440136	46.51%	4.069%
94	20.075	2800	2806	2818	rBV2	406174	913294	96.51%	8.443%
95	20.280	2839	2841	2845	rVB	56390	63066	6.66%	0.583%
96	20.892	2942	2945	2949	rBV	58245	74545	7.88%	0.689%
97	20.991	2959	2962	2966	rVB	154693	167917	17.74%	1.552%
98	22.037	3132	3140	3145	rBV	479119	946346	100.00%	8.748%
99	25.304	3689	3696	3704	rBV3	146182	390168	41.23%	3.607%
100	25.551	3730	3738	3749	rVB2	268202	812591	85.87%	7.512%

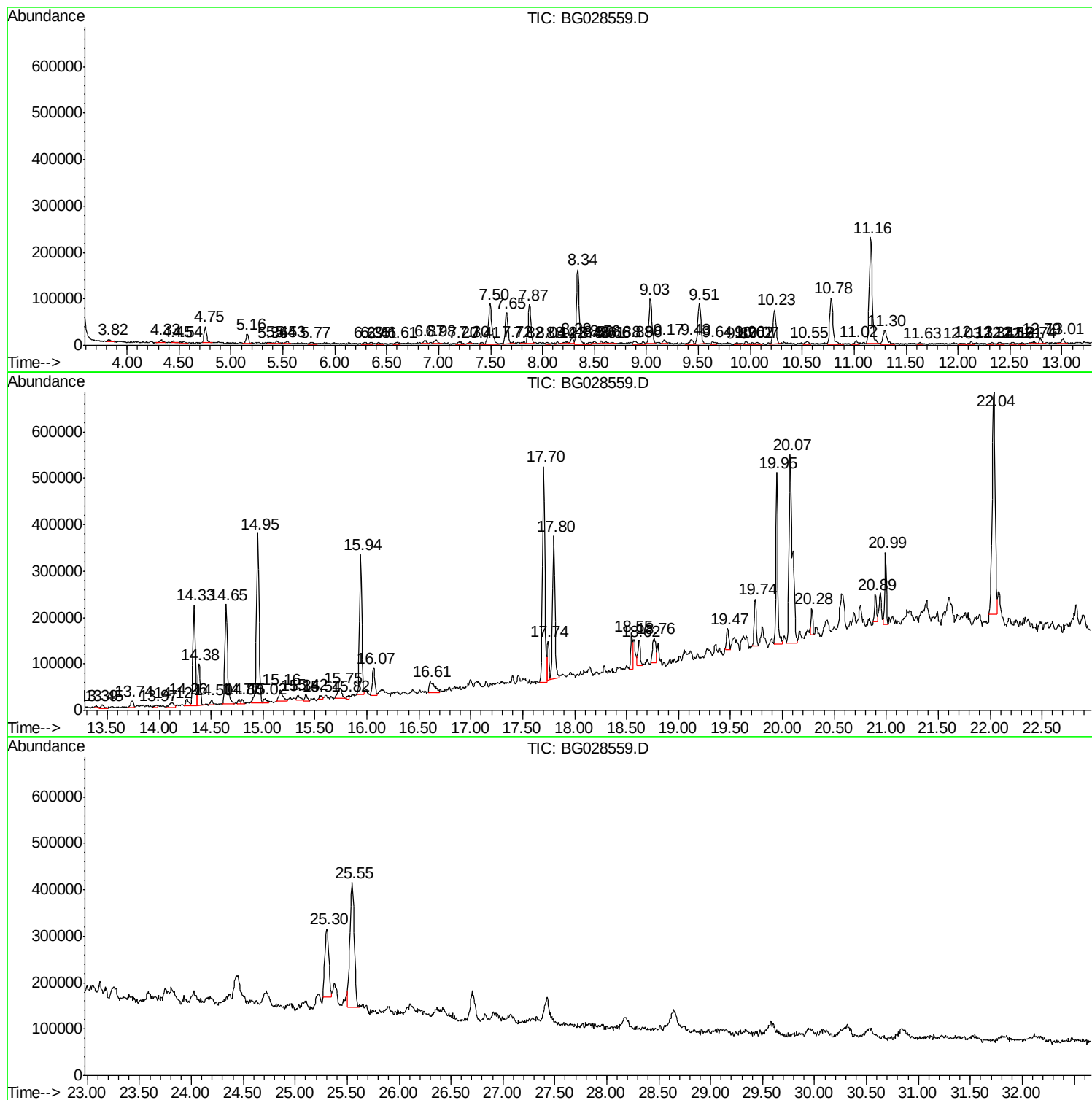
Sum of corrected areas: 10817701

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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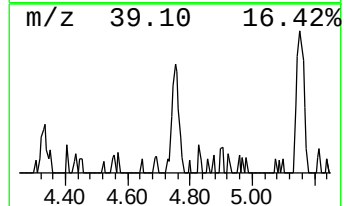
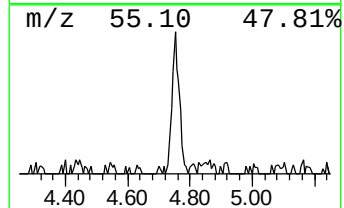
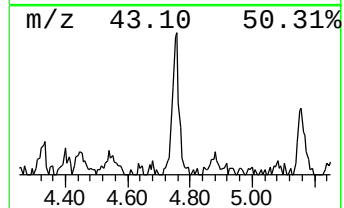
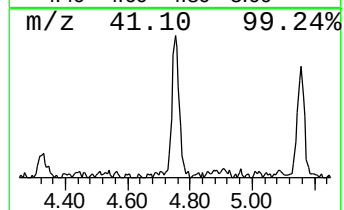
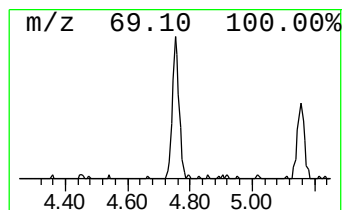
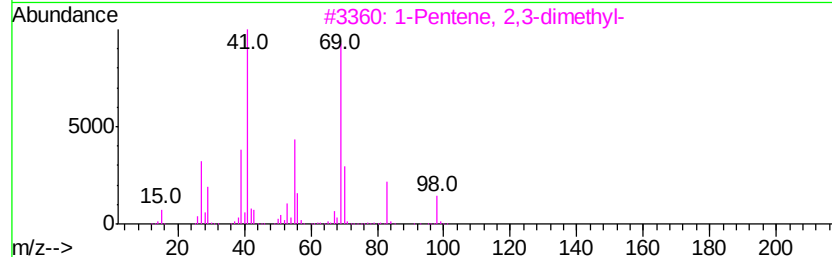
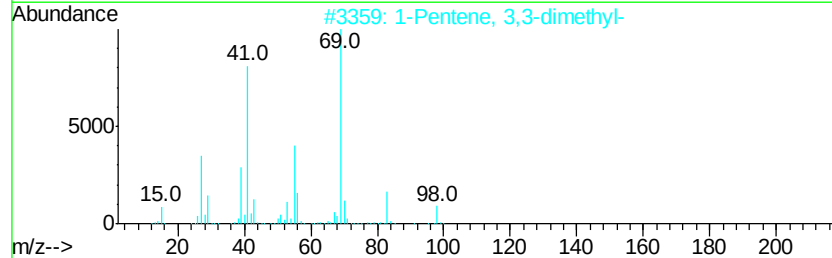
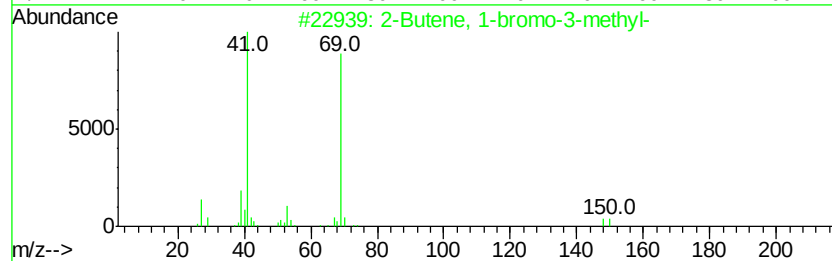
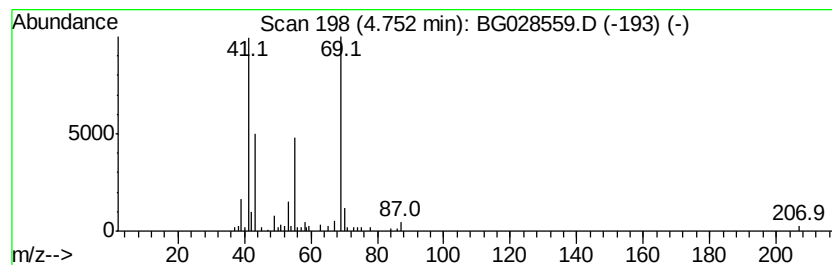
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Butene, 1-bromo-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	3.94 ng/ul	58049	1,4-Dichlorobenzene-d4	8.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	64
2			1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	56
3			1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	50
4			1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	42
5			1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	39



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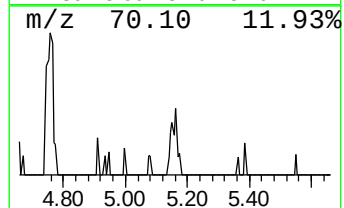
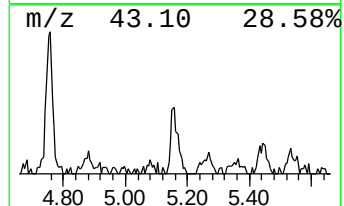
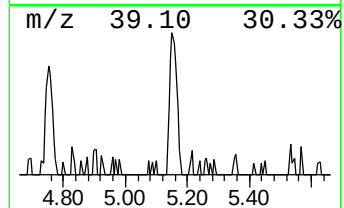
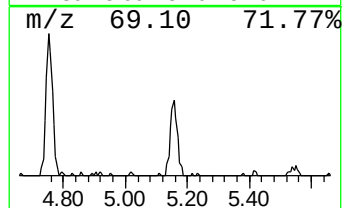
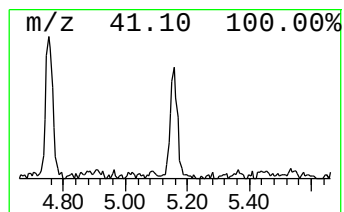
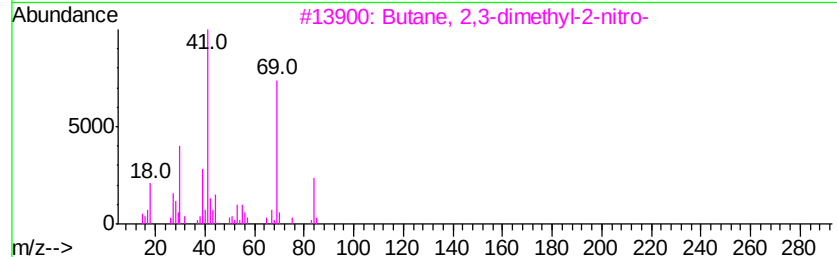
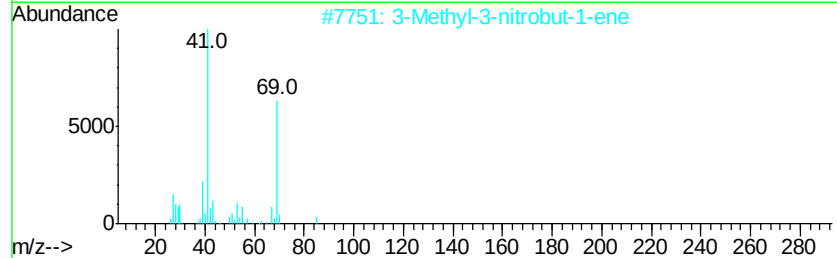
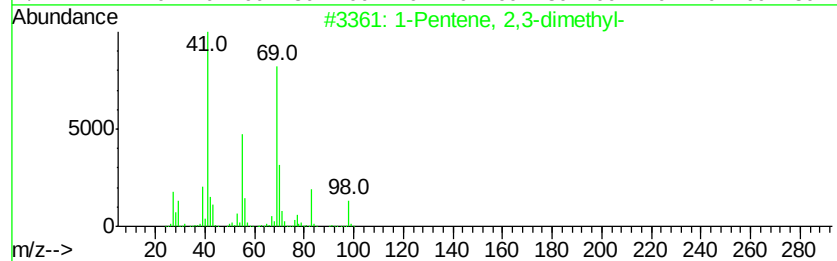
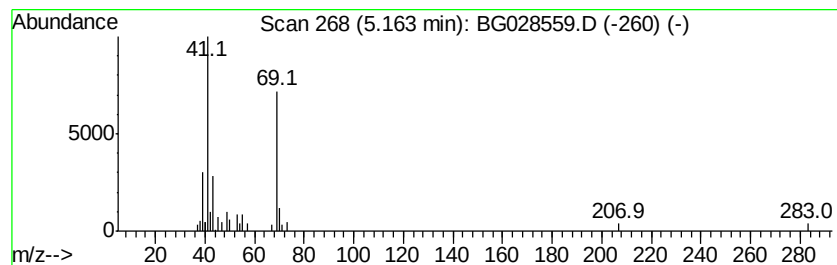
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic5.16 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	2.45 ng/ul	36150	1,4-Dichlorobenzene-d4	8.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	36
2		3-Methyl-3-nitrobut-1-ene	115	C5H9NO2	001809-67-2	36
3		Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	36
4		Dicyclopropyl carbinol	112	C7H12O	014300-33-5	23
5		Isoxazole	69	C3H3NO	000288-14-2	9



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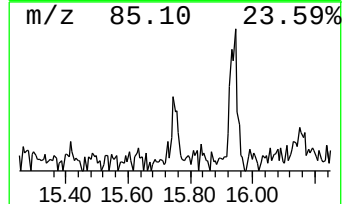
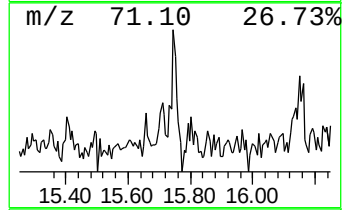
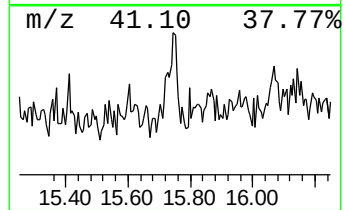
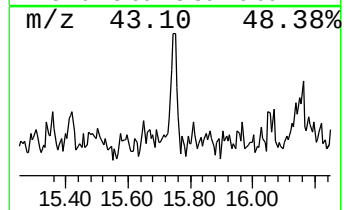
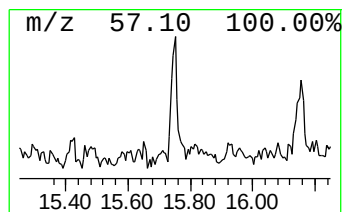
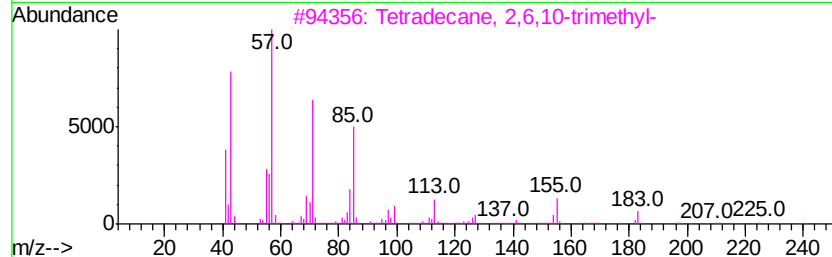
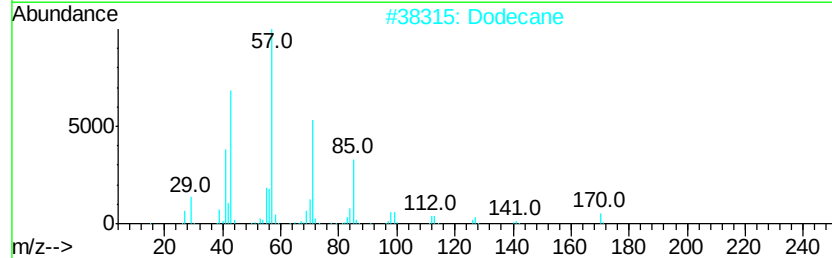
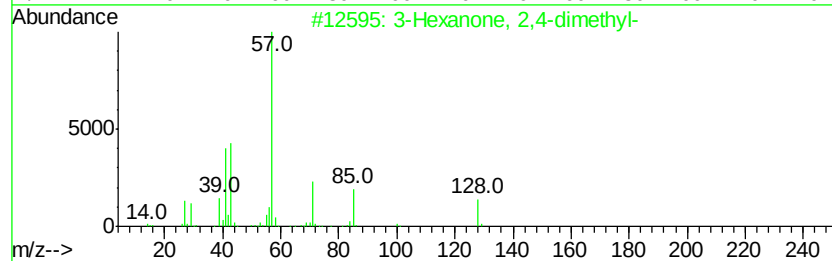
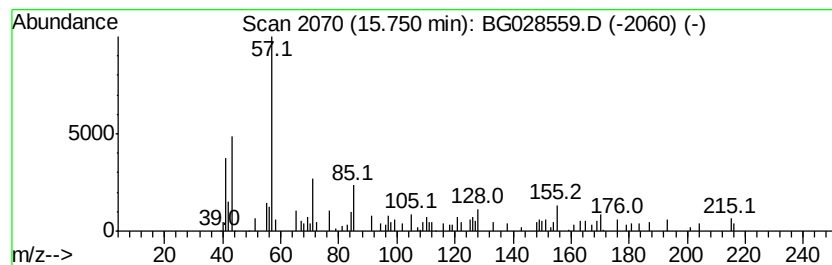
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Peak Number 3 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.75	2.05 ng/ul	64576	Acenaphthene-d10		14.95	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2,4-dimethyl-		128	C8H16O	018641-70-8	46
2	Dodecane		170	C12H26	000112-40-3	43
3	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	43
4	Sulfurous acid, butyl decyl ester		278	C14H30O3S	1000309-17-7	43
5	Hexane, 3-ethyl-3-methyl-		128	C9H20	003074-76-8	38



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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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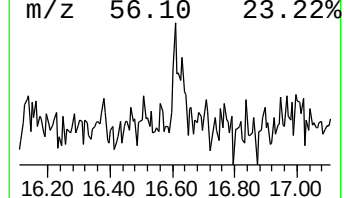
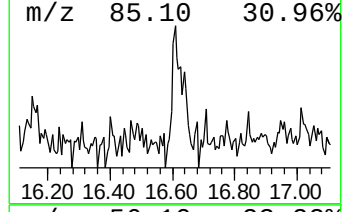
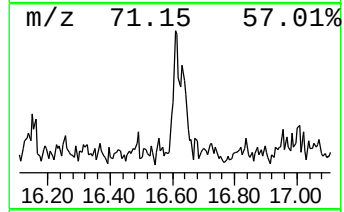
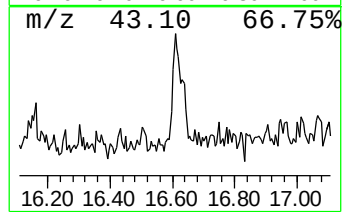
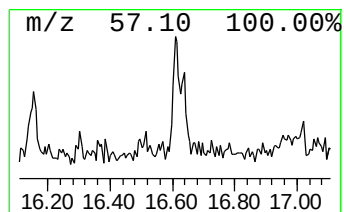
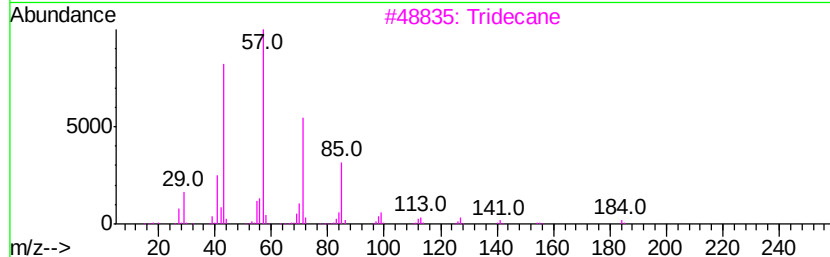
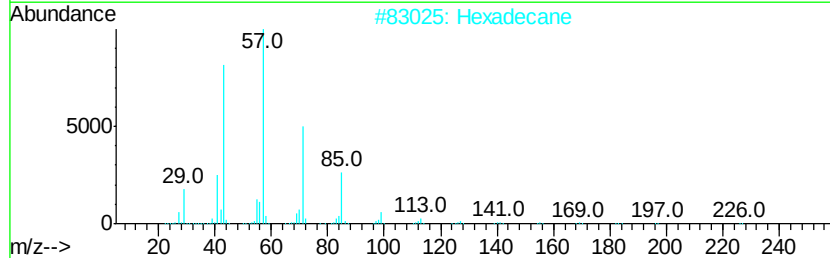
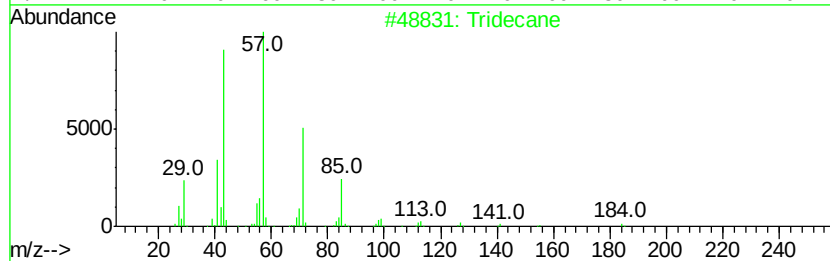
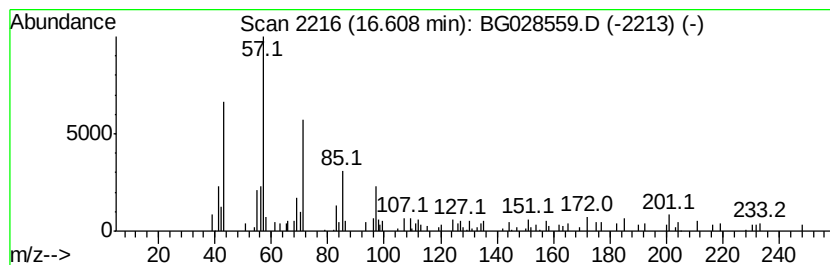
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	2.04 ng/ul	77051	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	50
2	Hexadecane		226	C16H34	000544-76-3	47
3	Tridecane		184	C13H28	000629-50-5	47
4	Nonane, 2-methyl-5-propyl-		184	C13H28	031081-17-1	47
5	Nonane, 3-methyl-5-propyl-		184	C13H28	031081-18-2	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028559.D
Acq On : 30 Aug 2017 19:01
Operator : SJ/JU
Sample : I4917-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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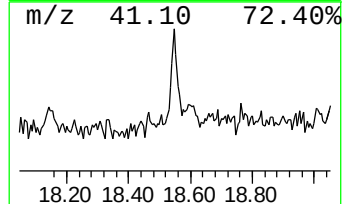
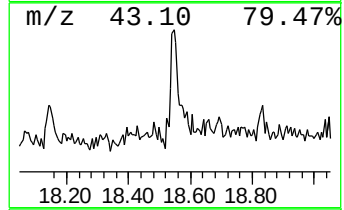
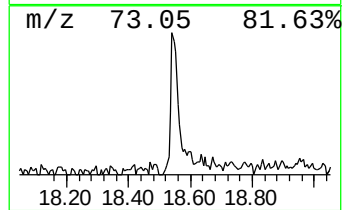
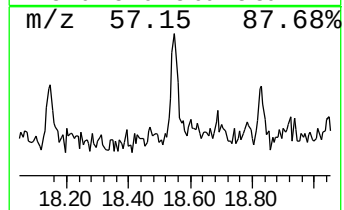
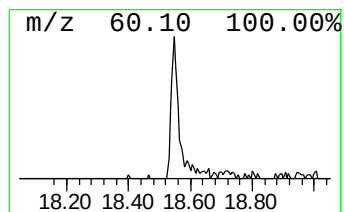
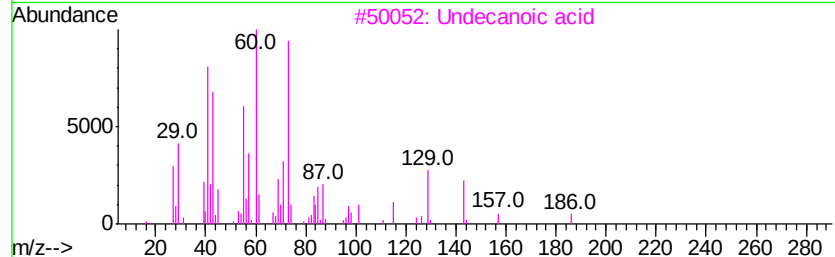
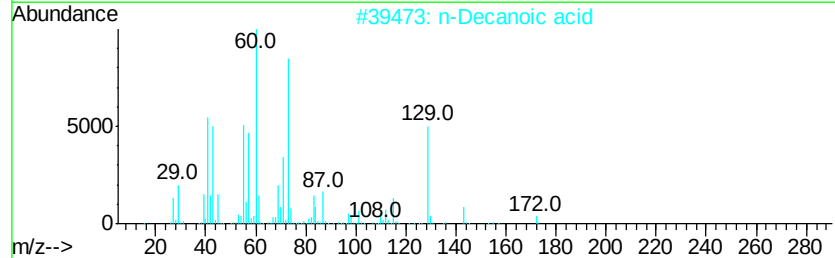
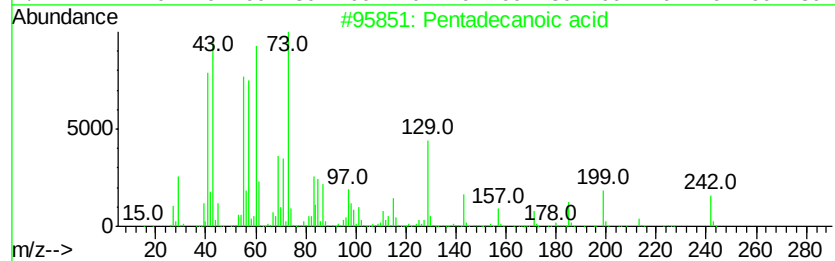
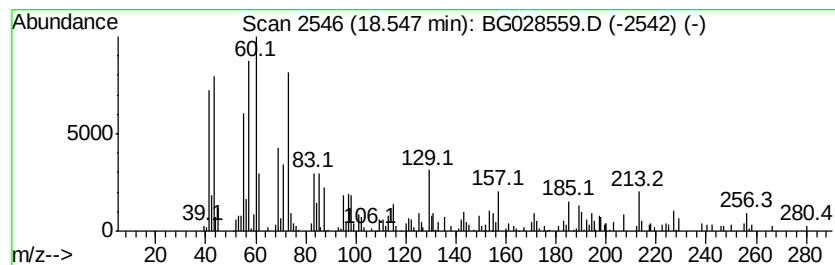
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	2.74 ng/ul	103584	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
2		n-Decanoic acid	172	C10H20O2	000334-48-5	55
3		Undecanoic acid	186	C11H22O2	000112-37-8	50
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
5		Tridecanoic acid	214	C13H26O2	000638-53-9	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
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Acq On : 30 Aug 2017 19:01
Operator : SJ/JU
Sample : I4917-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

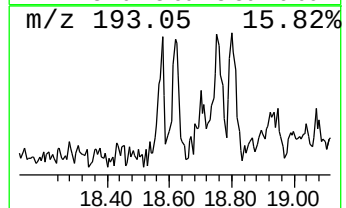
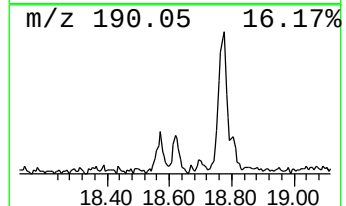
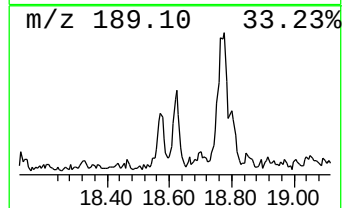
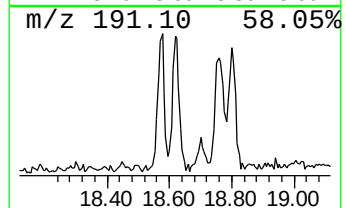
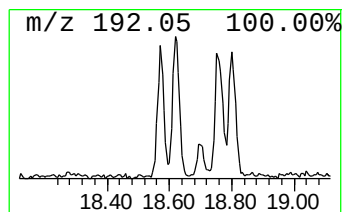
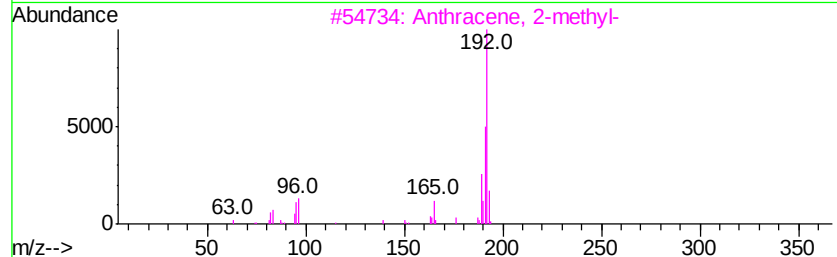
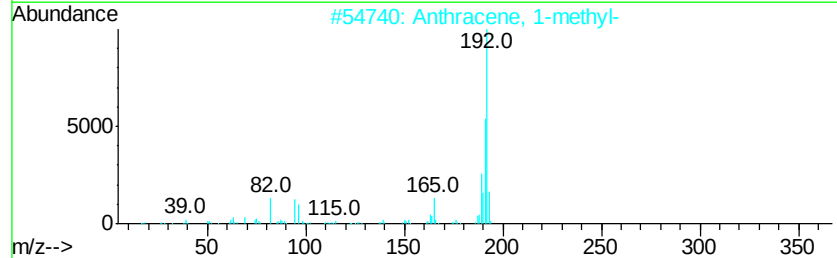
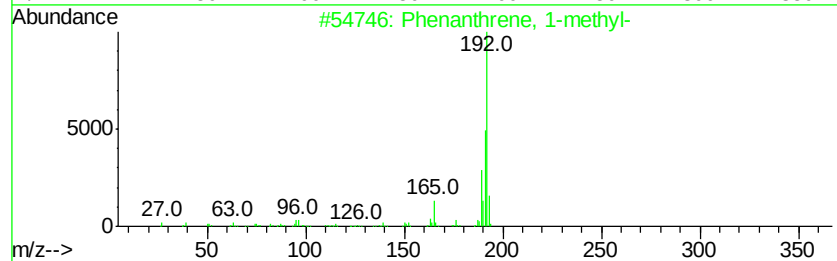
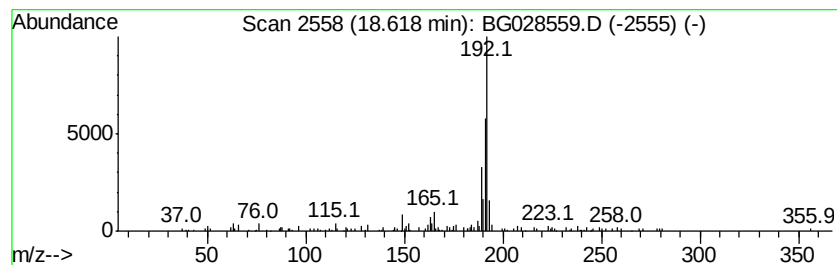
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.62	2.14 ng/ul	80902	Phenanthrene-d10	17.70	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028559.D
Acq On : 30 Aug 2017 19:01
Operator : SJ/JU
Sample : I4917-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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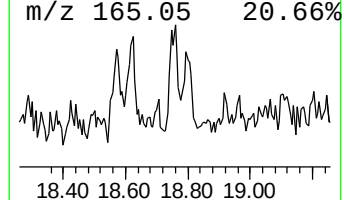
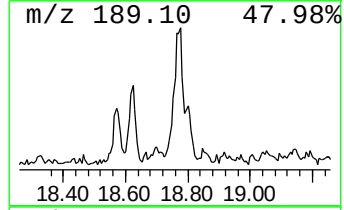
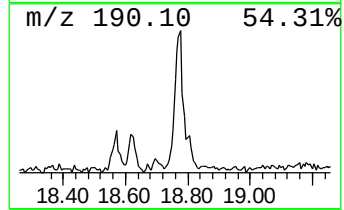
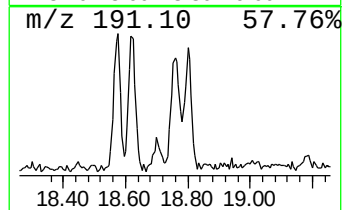
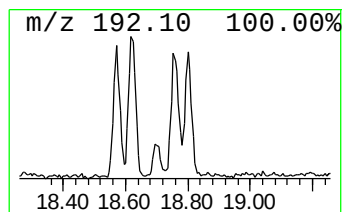
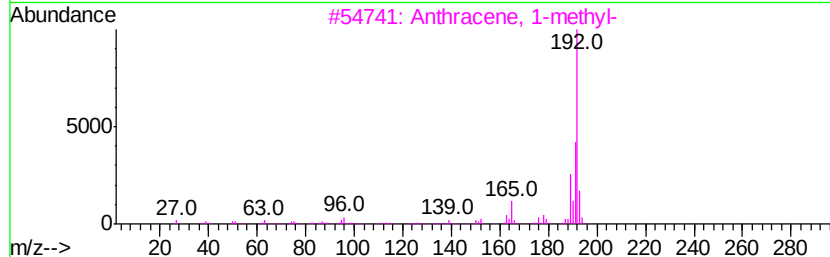
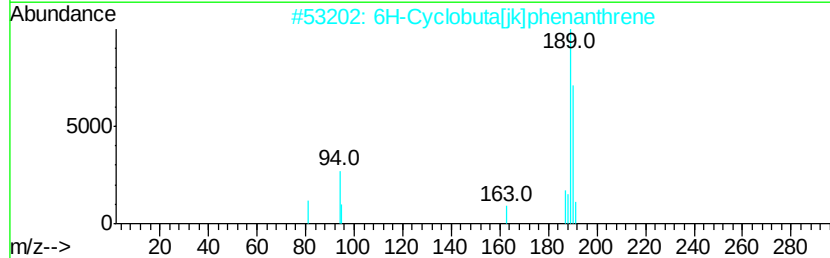
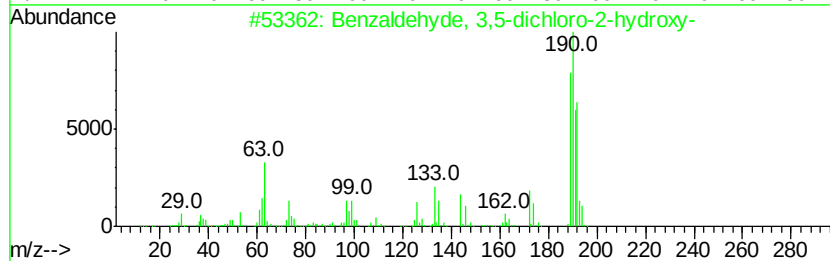
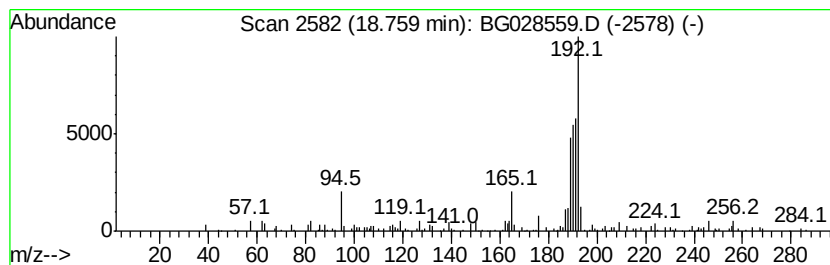
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	3.03 ng/ul	114669	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehydve, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	59
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	46
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4		2-Bromo-5-fluorophenol	190	C6H4BrFO	147460-41-1	43
5		Propanenitrile, 3-[1-[3-(1-pyrro...	260	C16H24N2O	1000271-09-4	42



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028559.D
Acq On : 30 Aug 2017 19:01
Operator : SJ/JU
Sample : I4917-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

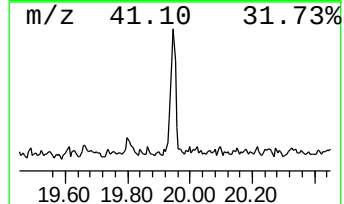
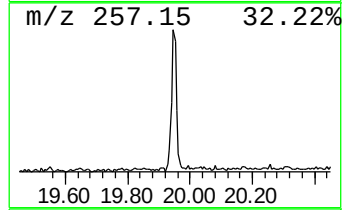
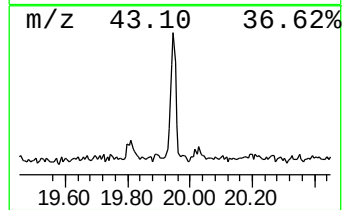
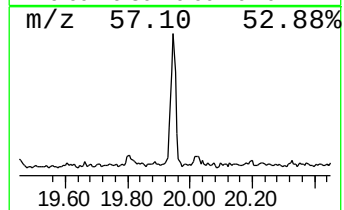
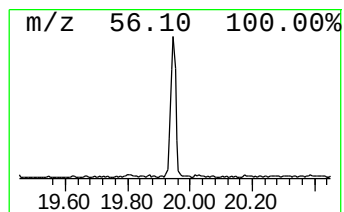
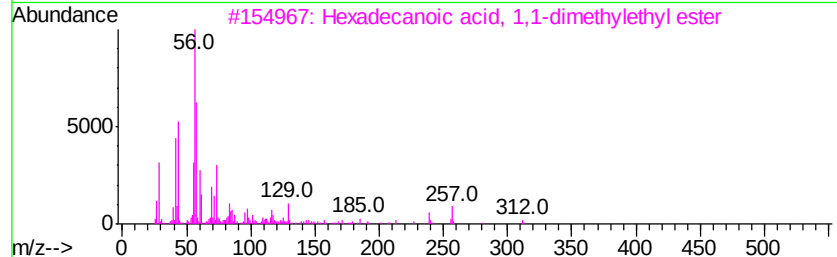
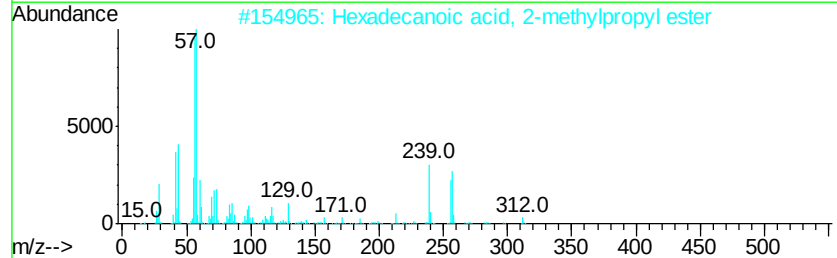
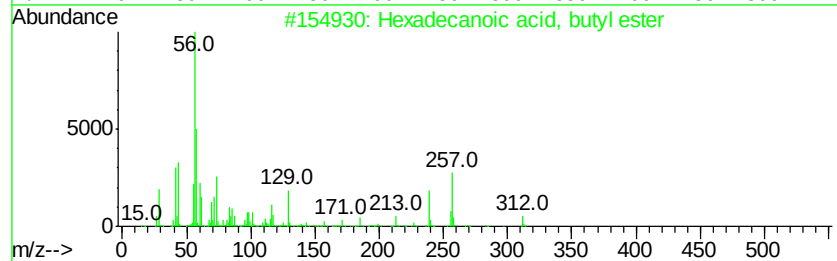
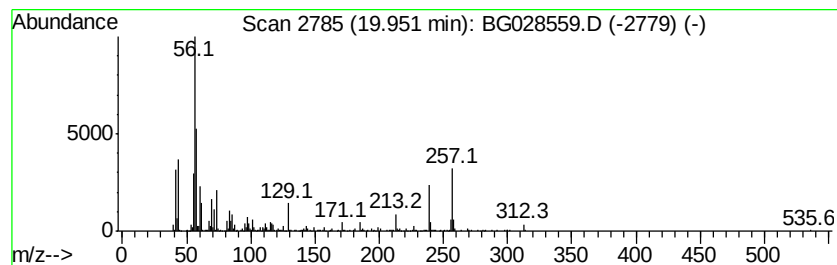
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	9.30 ng/ul	440136	Chrysene-d12	22.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecanoic acid, butyl ester	312 C20H40O2	000111-06-8	90
2	Hexadecanoic acid, 2-methylpropyl ester	312 C20H40O2	000110-34-9	80
3	Hexadecanoic acid, 1,1-dimethylethyl ester	312 C20H40O2	031158-91-5	78
4	Hexadecanoic acid, butyl ester	312 C20H40O2	000111-06-8	50
5	Cyclopentanecarboxylic acid, 2-allyl ester	129 C6H11NO2	040482-05-1	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
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Misc :
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Instrument :
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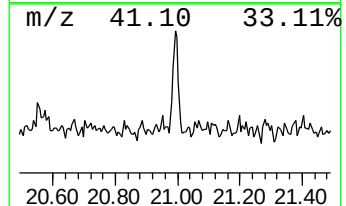
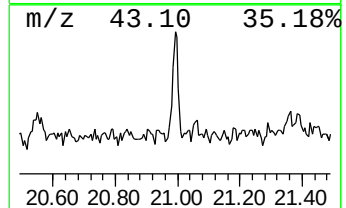
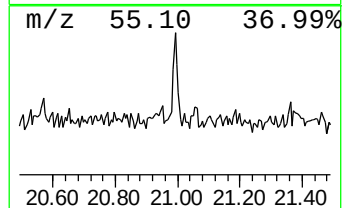
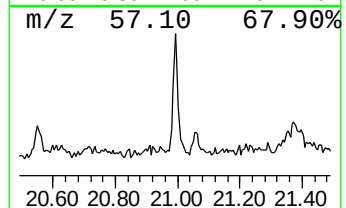
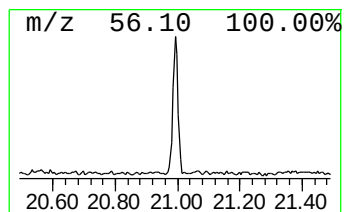
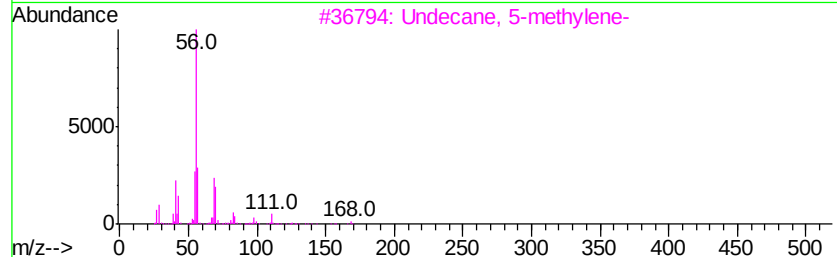
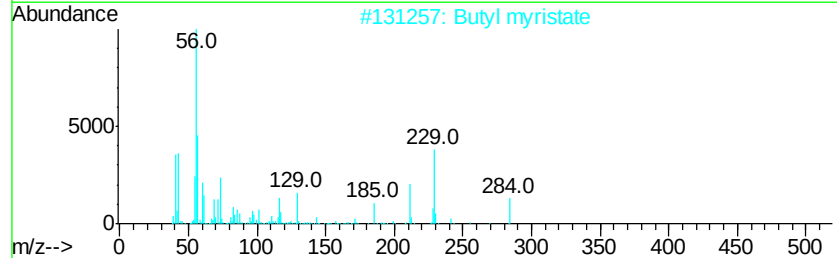
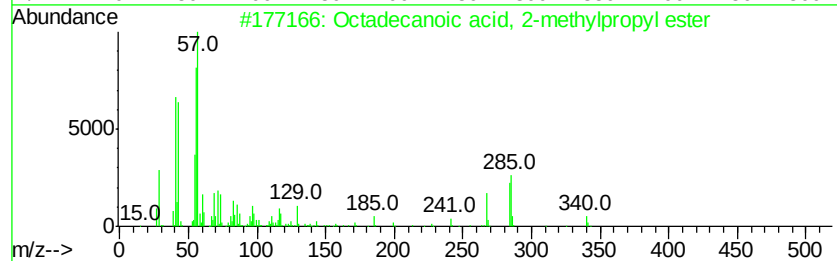
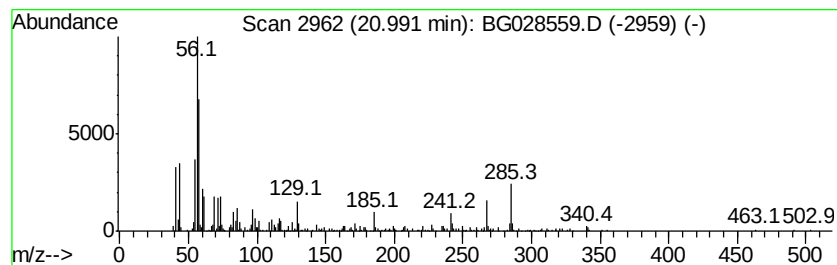
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Octadecanoic acid, 2-methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.55 ng/ul	167917	Chrysene-d12	22.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	87
2			Butyl myristate	284	C18H36O2	000110-36-1	47
3			Undecane, 5-methylene-	168	C12H24	005698-48-6	38
4			Cyclohexane, (1,1-dimethylethyl)-	140	C10H20	003178-22-1	38
5			1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG083017\
Data File : BG028559.D
Acq On : 30 Aug 2017 19:01
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Butene, 1-bromo...	4.75	3.9	ng/ul	58049	1	8.34	294840	20.0
(DEL) Alkane: Cyc...	5.16	2.5	ng/ul	36150	1	8.34	294840	20.0
unknown-01	15.75	2.0	ng/ul	64576	3	14.95	628833	20.0
(DEL) Alkane: Str...	16.61	2.0	ng/ul	77051	4	17.70	756675	20.0
Pentadecanoic acid	18.55	2.7	ng/ul	103584	4	17.70	756675	20.0
Phenanthrene, 1-m...	18.62	2.1	ng/ul	80902	4	17.70	756675	20.0
Benzaldehyde, 3,5...	18.76	3.0	ng/ul	114669	4	17.70	756675	20.0
Hexadecanoic acid...	19.95	9.3	ng/ul	440136	5	22.04	946346	20.0
Octadecanoic acid...	20.99	3.5	ng/ul	167917	5	22.04	946346	20.0