

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
 Data File : BG028399.D
 Acq On : 21 Aug 2017 22:01
 Operator : SJ/JU
 Sample : I4713-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GC8

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	3.825	36	40	47	rVB4	9163	16452	0.91%	0.086%
2	4.089	80	85	94	rBV2	9017	18853	1.05%	0.099%
3	4.753	197	198	205	rVB4	4692	7205	0.40%	0.038%
4	5.158	262	267	274	rVB6	3450	6967	0.39%	0.036%
5	5.552	328	334	338	rBV7	4630	9087	0.50%	0.048%
6	6.604	509	513	521	rVB7	4291	8172	0.45%	0.043%
7	6.980	571	577	587	rBV9	4816	15396	0.85%	0.081%
8	7.497	657	665	678	rBV	218432	446227	24.75%	2.337%
9	7.655	685	692	700	rBV	145721	248521	13.79%	1.301%
10	7.873	721	729	739	rBV	195668	356907	19.80%	1.869%
11	8.343	801	809	822	rBV2	127217	237572	13.18%	1.244%
12	9.036	920	927	945	rBV	259968	481033	26.69%	2.519%
13	9.406	984	990	996	rBV4	2157	5634	0.31%	0.030%
14	9.506	999	1007	1018	rBV	197078	376876	20.91%	1.974%
15	9.600	1018	1023	1030	rVV5	7140	18261	1.01%	0.096%
16	10.235	1122	1131	1141	rBV2	176313	334765	18.57%	1.753%
17	10.446	1161	1167	1175	rBV7	11226	31120	1.73%	0.163%
18	10.640	1196	1200	1206	rVB7	2273	5885	0.33%	0.031%
19	10.775	1213	1223	1241	rVB	254353	501632	27.83%	2.627%
20	11.163	1281	1289	1301	rBV	176058	331704	18.40%	1.737%
21	11.292	1303	1311	1321	rBV	217557	422253	23.42%	2.211%
22	11.451	1335	1338	1345	rVB5	3364	6681	0.37%	0.035%
23	12.150	1451	1457	1460	rBV4	3407	6641	0.37%	0.035%
24	12.514	1514	1519	1526	rBV5	2789	5788	0.32%	0.030%
25	12.650	1533	1542	1549	rBV3	18206	33484	1.86%	0.175%
26	12.720	1549	1554	1562	rVV6	4342	9205	0.51%	0.048%
27	12.802	1562	1568	1572	rVB6	4258	7654	0.42%	0.040%
28	13.020	1600	1605	1608	rBV4	4150	5724	0.32%	0.030%
29	13.208	1632	1637	1643	rBV3	13606	28706	1.59%	0.150%
30	13.296	1648	1652	1658	rVB5	4000	7063	0.39%	0.037%
31	13.543	1690	1694	1702	rVB6	5661	9433	0.52%	0.049%
32	13.742	1720	1728	1732	rBV5	4828	9256	0.51%	0.048%
33	14.277	1813	1819	1821	rVB4	3635	6419	0.36%	0.034%
34	14.336	1821	1829	1834	rBV	524222	815090	45.22%	4.268%

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35	14.383	1834	1837	1844	rVV	191702	278386	15.44%	1.458%
36	14.647	1873	1882	1893	rBV	543017	862506	47.85%	4.517%
37	14.800	1905	1908	1915	rVB4	7870	11070	0.61%	0.058%
38	14.953	1925	1934	1941	rVB	292874	503277	27.92%	2.635%
39	15.147	1955	1967	1982	rBV	208953	432183	23.98%	2.263%
40	15.335	1990	1999	2011	rBV	264839	442505	24.55%	2.317%
41	15.711	2058	2063	2064	rBV5	7147	9853	0.55%	0.052%
42	15.746	2065	2069	2075	rVB2	18526	28702	1.59%	0.150%
43	15.940	2094	2102	2112	rBV	764072	1169829	64.90%	6.126%
44	16.051	2115	2121	2131	rBV	282708	459360	25.48%	2.405%
45	16.151	2133	2138	2149	rVB9	9433	30579	1.70%	0.160%
46	16.257	2149	2156	2158	rVV5	4636	5716	0.32%	0.030%
47	16.304	2158	2164	2170	rVB10	3653	9583	0.53%	0.050%
48	16.375	2172	2176	2180	rVB4	5071	7311	0.41%	0.038%
49	16.610	2210	2216	2219	rBV2	26198	39634	2.20%	0.208%
50	16.809	2242	2250	2255	rBV6	4672	9977	0.55%	0.052%
51	16.874	2260	2261	2267	rVB5	4422	7330	0.41%	0.038%
52	16.944	2270	2273	2278	rBV5	5178	9684	0.54%	0.051%
53	17.056	2287	2292	2310	rVB2	88220	160739	8.92%	0.842%
54	17.221	2316	2320	2326	rVB6	4967	7904	0.44%	0.041%
55	17.403	2347	2351	2355	rBV3	21813	29424	1.63%	0.154%
56	17.456	2355	2360	2368	rVB7	6822	14728	0.82%	0.077%
57	17.697	2393	2401	2411	rVV	467135	753352	41.79%	3.945%
58	17.796	2411	2418	2427	rVB2	915968	1446804	80.26%	7.576%
59	17.873	2429	2431	2436	rVB4	7416	9894	0.55%	0.052%
60	17.926	2437	2440	2446	rVV7	4514	10475	0.58%	0.055%
61	17.979	2446	2449	2454	rVB5	8995	13424	0.74%	0.070%
62	18.143	2473	2477	2482	rBV3	14882	19013	1.05%	0.100%
63	18.543	2539	2545	2566	rBV	161289	323176	17.93%	1.692%
64	18.748	2576	2580	2585	rBV7	6316	10713	0.59%	0.056%
65	18.830	2591	2594	2598	rVV5	8863	11269	0.63%	0.059%
66	18.872	2598	2601	2605	rVV5	5339	6757	0.37%	0.035%
67	18.930	2605	2611	2620	rVB10	10490	20064	1.11%	0.105%
68	19.071	2631	2635	2639	rVB7	4735	7132	0.40%	0.037%
69	19.236	2657	2663	2666	rVV8	3802	7763	0.43%	0.041%
70	19.277	2666	2670	2678	rVB8	9511	15013	0.83%	0.079%
71	19.453	2695	2700	2706	rVB7	12374	23921	1.33%	0.125%

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72	19.671	2733	2737	2739	rBV4	8087	11372	0.63%	0.060%
73	19.712	2739	2744	2753	rVB3	15983	36327	2.02%	0.190%
74	19.806	2754	2760	2775	rBV2	184534	326162	18.09%	1.708%
75	19.959	2781	2786	2791	rVB3	12549	19800	1.10%	0.104%
76	20.070	2799	2805	2814	rVB	1243937	1802626	100.00%	9.439%
77	20.340	2846	2851	2854	rBV3	47740	55240	3.06%	0.289%
78	20.382	2854	2858	2863	rVB	88908	103294	5.73%	0.541%
79	20.552	2882	2887	2892	rVB7	12101	16931	0.94%	0.089%
80	20.722	2915	2916	2918	rBV2	6358	5694	0.32%	0.030%
81	20.922	2948	2950	2954	rBV5	5985	10226	0.57%	0.054%
82	21.057	2969	2973	2980	rBV7	15225	23689	1.31%	0.124%
83	21.363	3020	3025	3028	rBV	37144	57376	3.18%	0.300%
84	21.398	3028	3031	3037	rVB	54089	76463	4.24%	0.400%
85	21.604	3059	3066	3078	rBV9	32055	85559	4.75%	0.448%
86	22.027	3129	3138	3147	rBV	524476	930098	51.60%	4.870%
87	22.532	3219	3224	3228	rBV7	14858	28275	1.57%	0.148%
88	22.573	3228	3231	3238	rVB3	23514	34301	1.90%	0.180%
89	22.832	3270	3275	3279	rBV6	14143	19692	1.09%	0.103%
90	23.572	3396	3401	3408	rVB7	21622	42641	2.37%	0.223%
91	24.024	3476	3478	3485	rBV8	9809	19234	1.07%	0.101%
92	24.107	3486	3492	3497	rVB7	19658	38211	2.12%	0.200%
93	24.436	3543	3548	3555	rVB5	31190	65867	3.65%	0.345%
94	25.288	3680	3693	3708	rVB2	590241	1755515	97.39%	9.193%
95	25.529	3716	3734	3748	rVB2	285939	992451	55.06%	5.197%
96	26.692	3924	3932	3945	rVB4	40275	125623	6.97%	0.658%
97	27.949	4143	4146	4148	rBV4	6816	8638	0.48%	0.045%
98	28.155	4174	4181	4196	rVB5	38002	142675	7.91%	0.747%
99	29.929	4473	4483	4496	rVB6	30230	122071	6.77%	0.639%
100	32.080	4838	4849	4866	rVB9	19850	99938	5.54%	0.523%

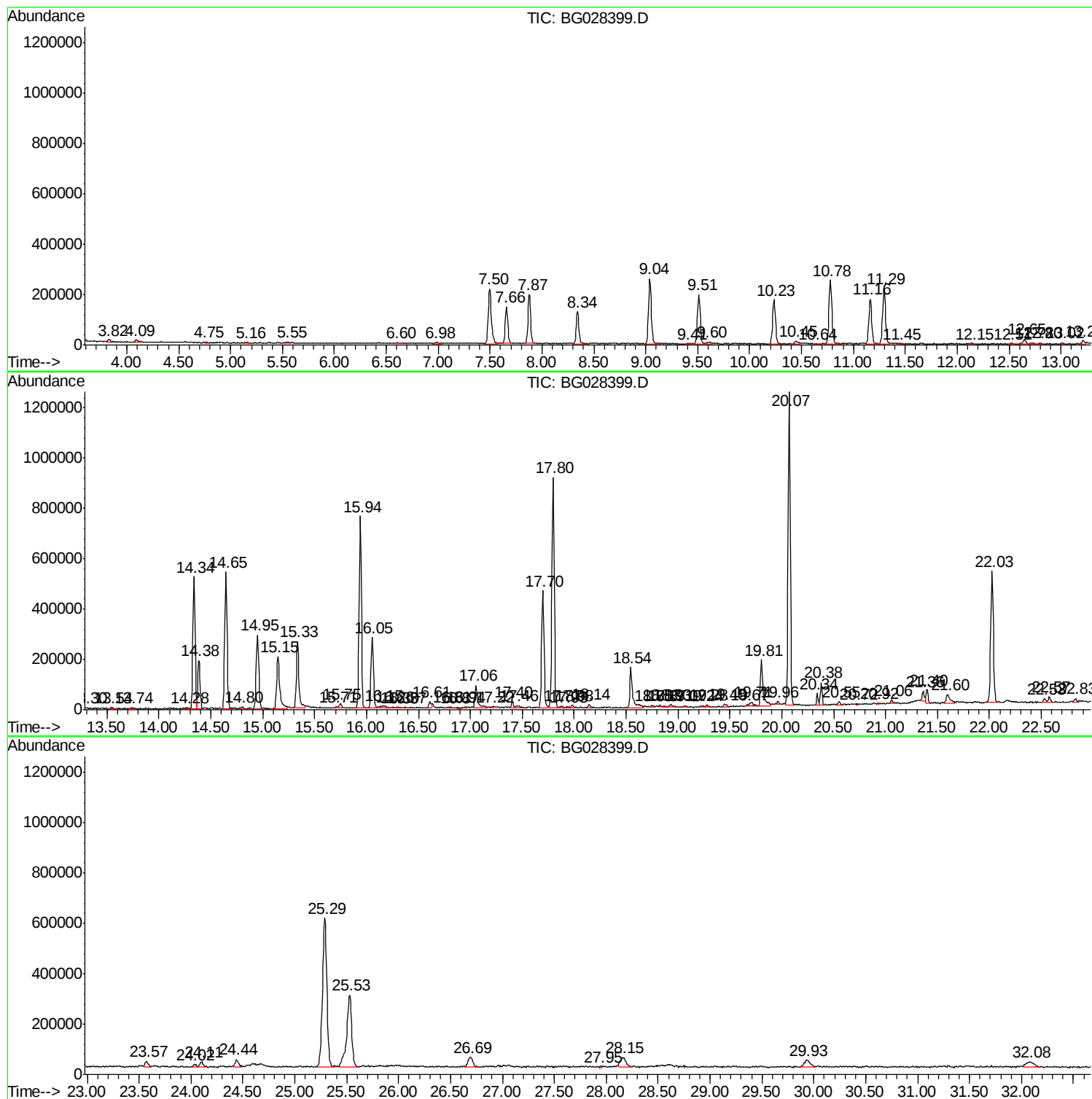
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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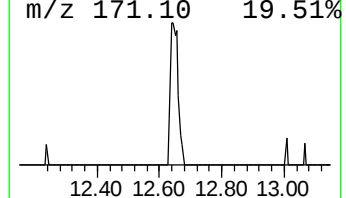
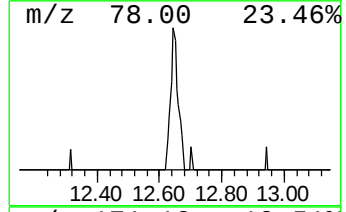
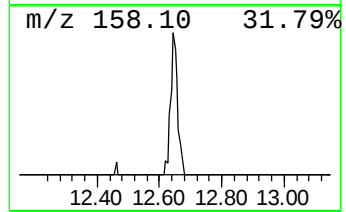
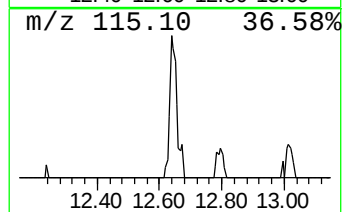
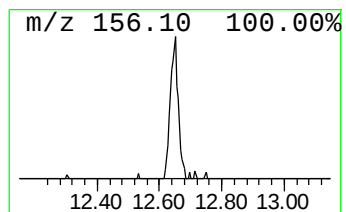
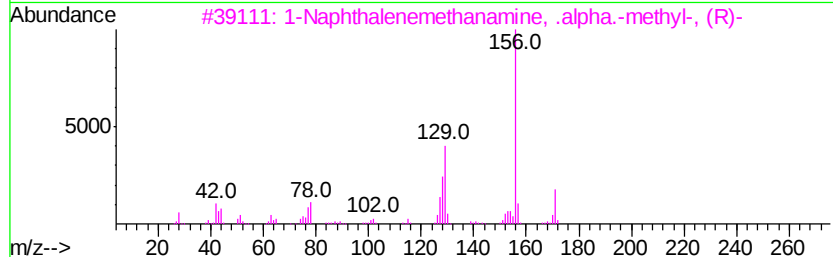
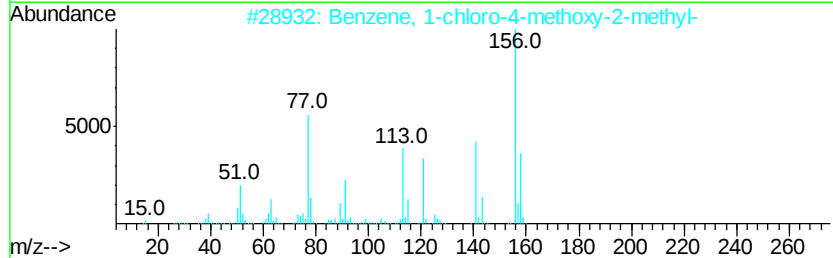
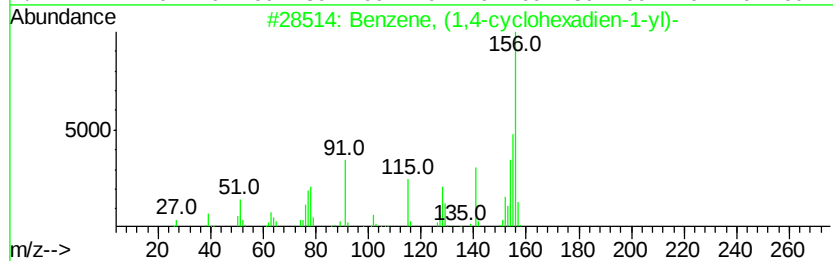
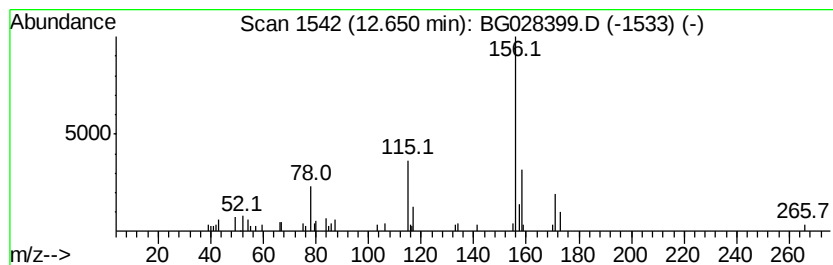
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, (1,4-cyclohexadien... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.65	2.02 ng/ul	33484	Naphthalene-d8	11.16		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1,4-cyclohexadien-1-yl)-	156	C12H12	013703-52-1	50
2		Benzene, 1-chloro-4-methoxy-2-me...	156	C8H9ClO	013334-71-9	50
3		1-Naphthalenemethanamine, .alpha...	171	C12H13N	003886-70-2	49
4		Hymexazole, trimethylsilyl ether	171	C7H13N02Si	1000334-05-9	43
5		2,2'-Bipyridine	156	C10H8N2	000366-18-7	43



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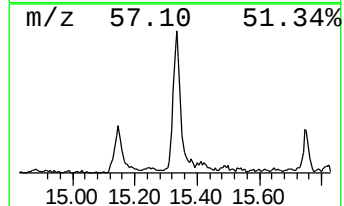
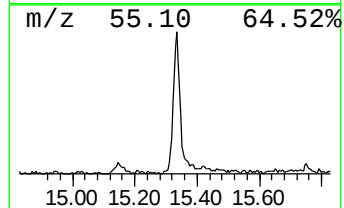
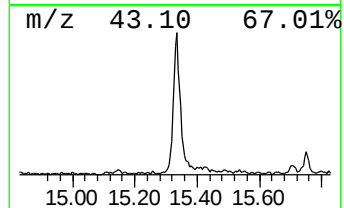
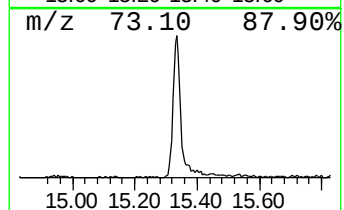
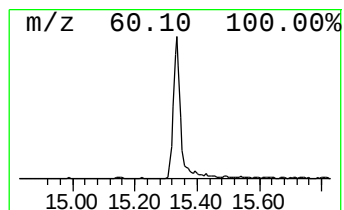
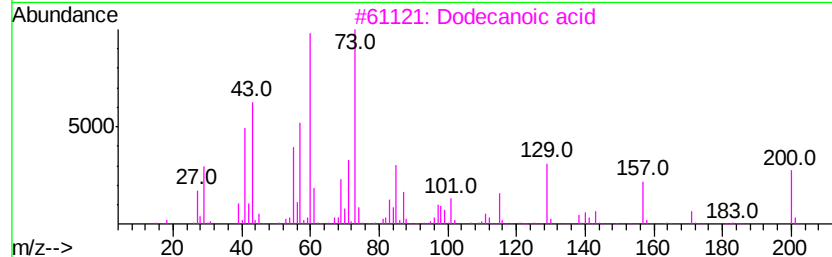
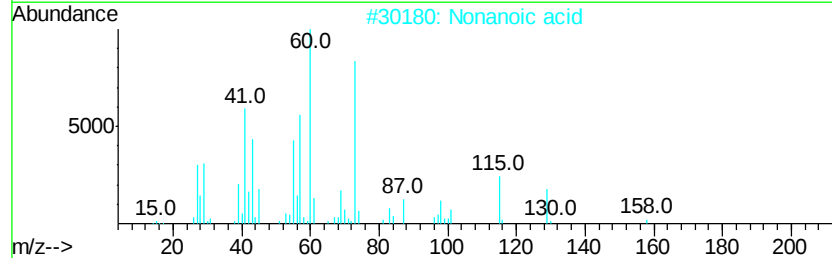
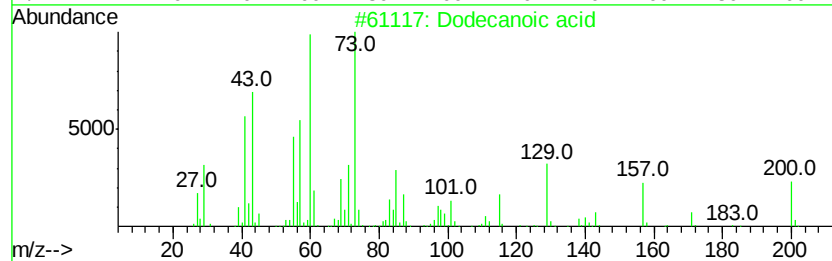
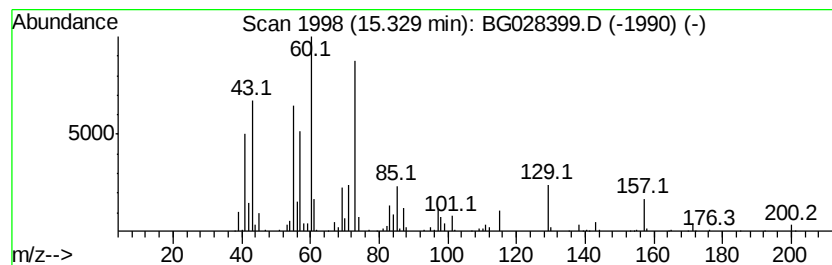
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	17.58 ng/ul	442505	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid	200	C12H24O2	000143-07-7	72
2		Nonanoic acid	158	C9H18O2	000112-05-0	70
3		Dodecanoic acid	200	C12H24O2	000143-07-7	59
4		Dodecanoic acid	200	C12H24O2	000143-07-7	53
5		Undecanoic acid	186	C11H22O2	000112-37-8	53



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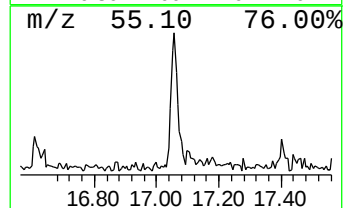
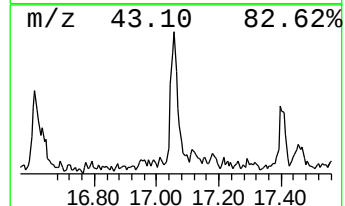
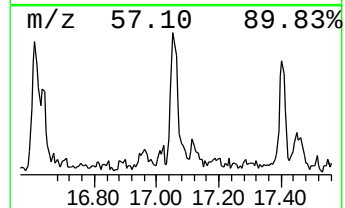
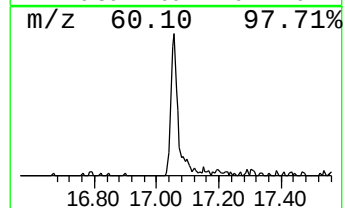
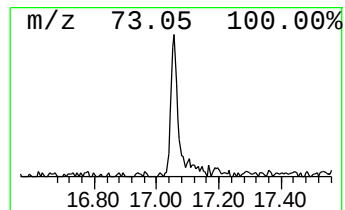
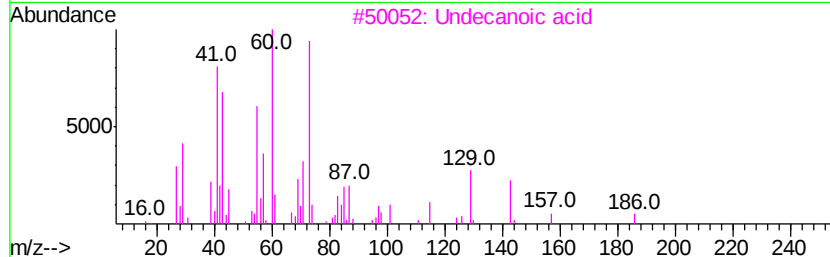
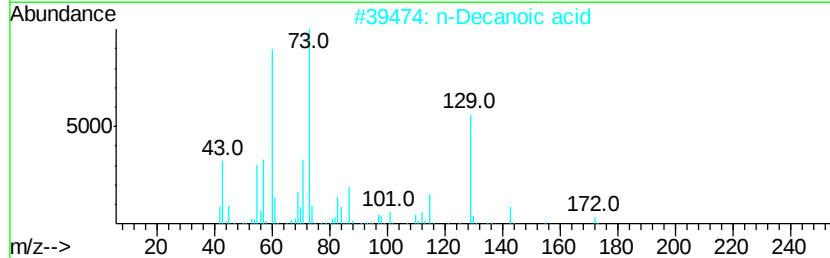
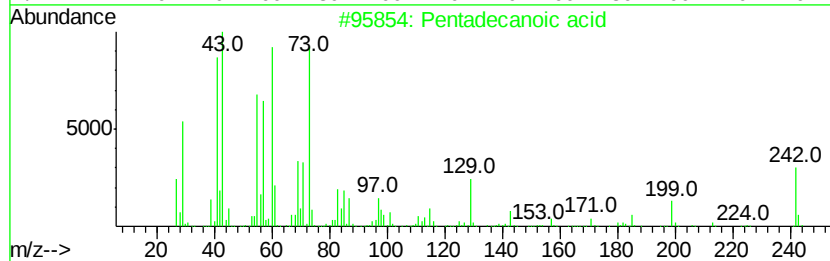
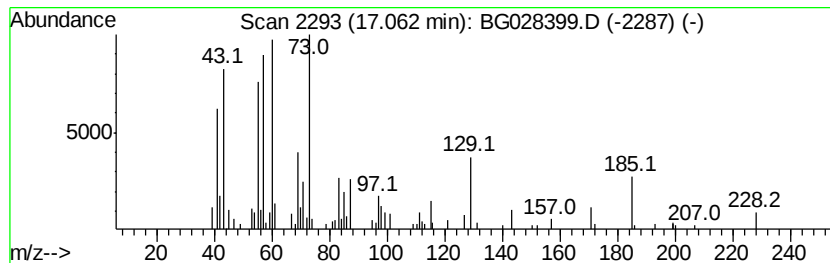
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Peak Number 3 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	4.27 ng/ul	160739	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
2		n-Decanoic acid	172	C10H20O2	000334-48-5	64
3		Undecanoic acid	186	C11H22O2	000112-37-8	60
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	53



Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028399.D
Acq On : 21 Aug 2017 22:01
Operator : SJ/JU
Sample : I4713-18
Misc :
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Instrument :
BNA_G
ClientSampleId :
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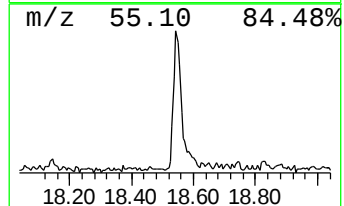
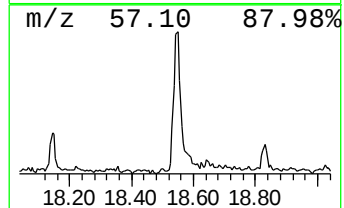
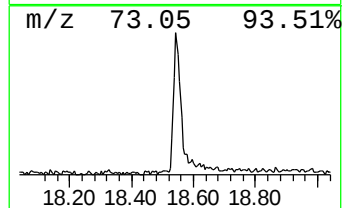
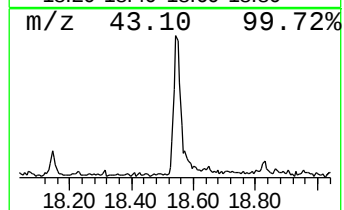
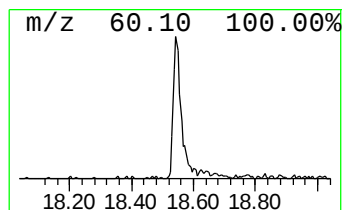
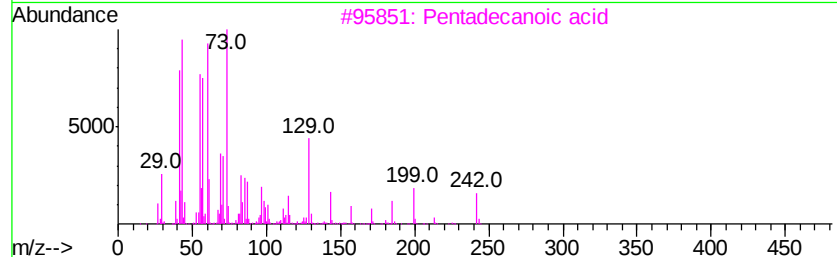
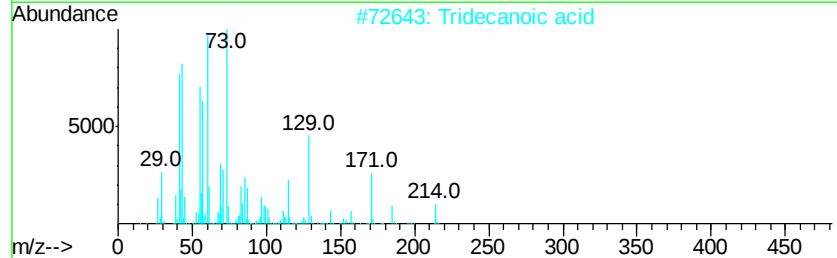
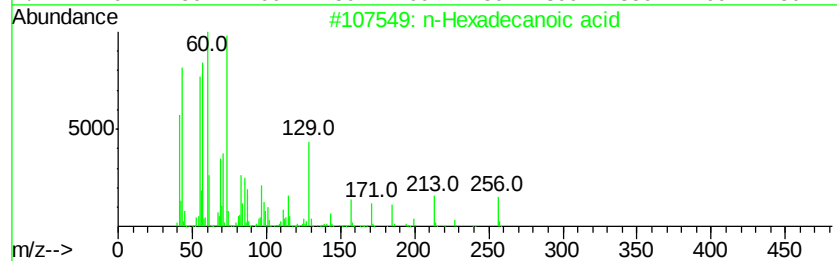
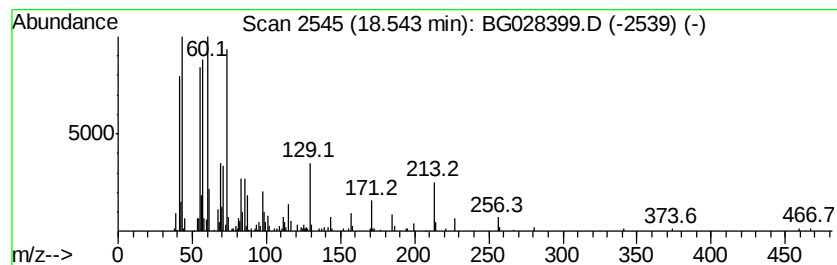
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	8.58 ng/ul	323176	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	72	



Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028399.D
Acq On : 21 Aug 2017 22:01
Operator : SJ/JU
Sample : I4713-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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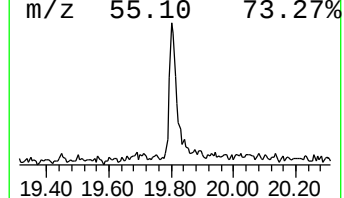
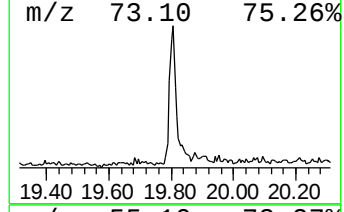
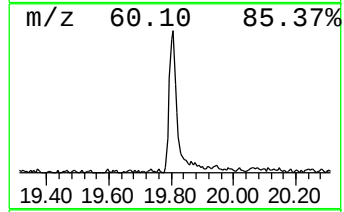
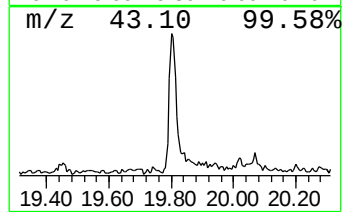
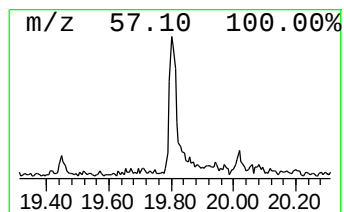
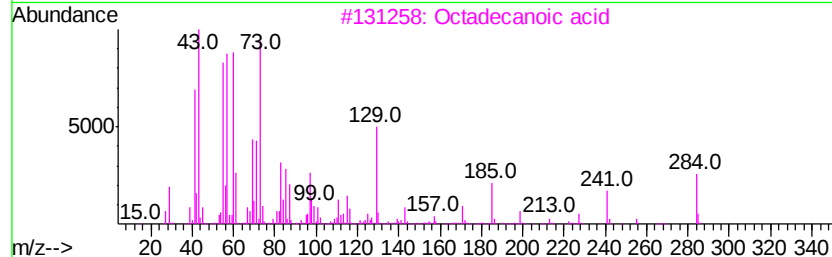
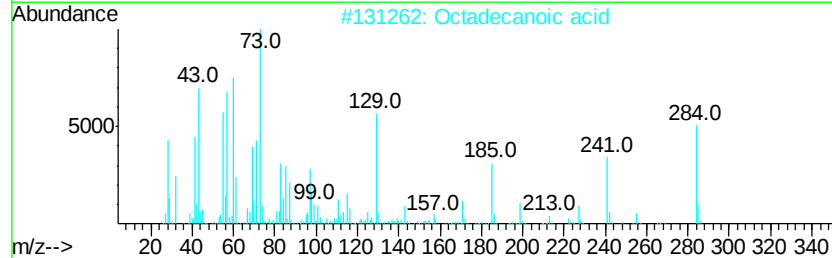
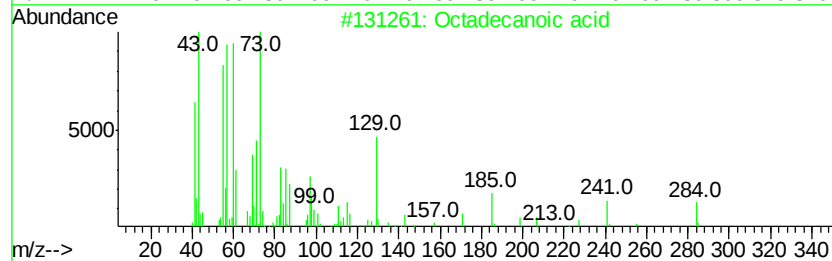
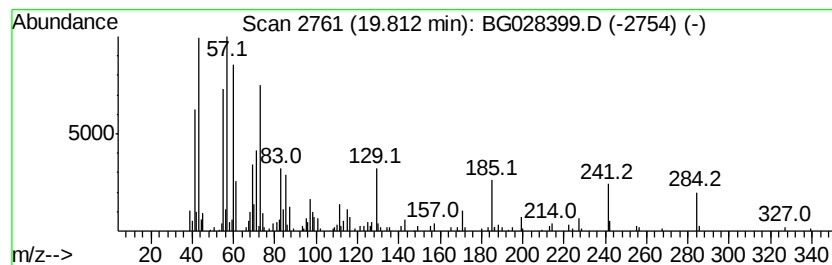
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.81	8.66 ng/ul	326162	Phenanthrene-d10		17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	98
4			Octadecanoic acid	284	C18H36O2	000057-11-4	97
5			Octadecanoic acid	284	C18H36O2	000057-11-4	94



Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028399.D
Acq On : 21 Aug 2017 22:01
Operator : SJ/JU
Sample : I4713-18
Misc :
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ClientSampleId :
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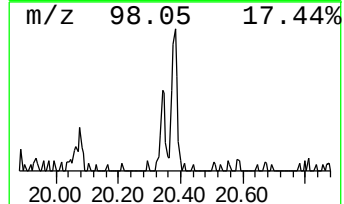
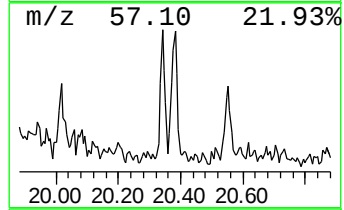
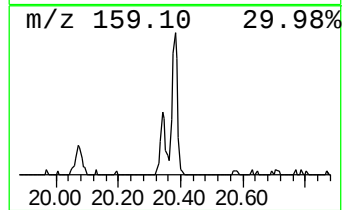
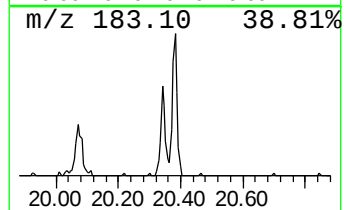
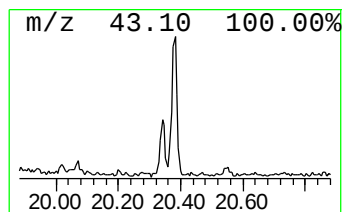
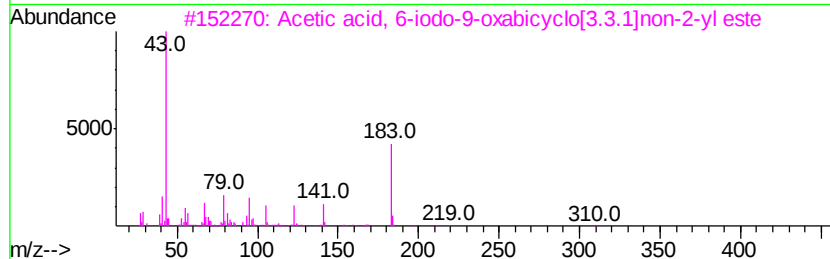
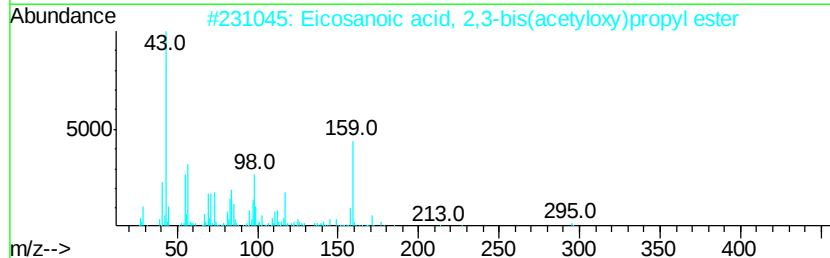
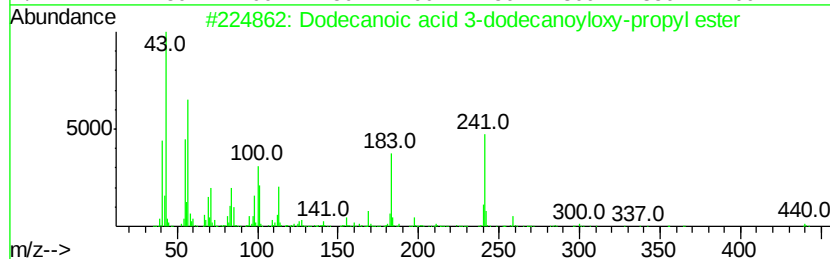
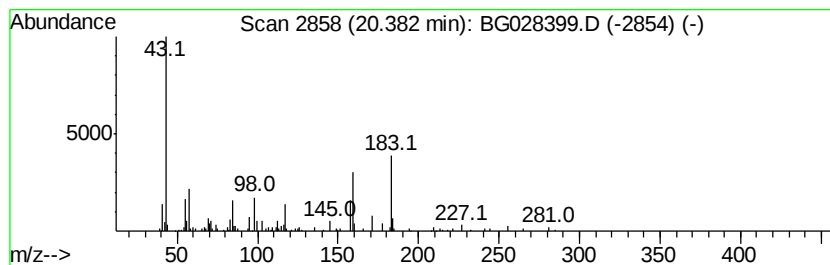
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.22 ng/ul	103294	Chrysene-d12	22.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid 3-dodecanovloxy-...	440	C27H52O4	026719-54-0	37
2		Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	25
3		Acetic acid, 6-iodo-9-oxabicyclo...	310	C10H15IO3	1000190-80-0	12
4		Dodecanoyl chloride	218	C12H23ClO	000112-16-3	10
5		Thioacetic acid, S-(5-acetylthio...	234	C9H14O3S2	1000185-15-4	9



Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028399.D
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Operator : SJ/JU
Sample : I4713-18
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ClientSampleId :
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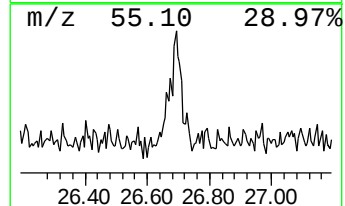
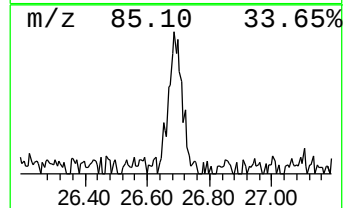
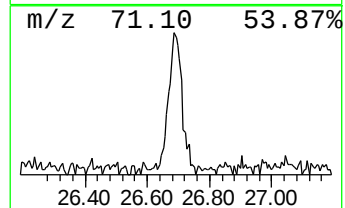
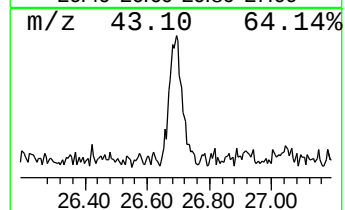
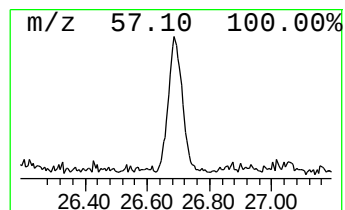
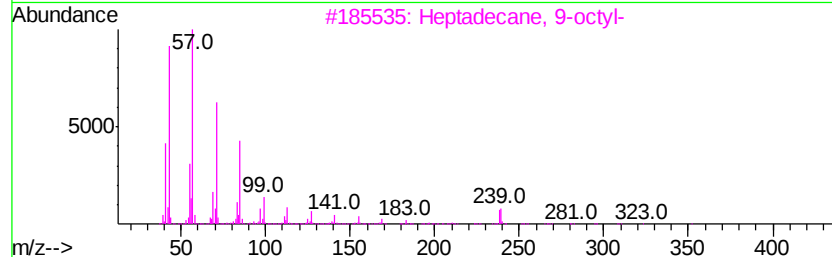
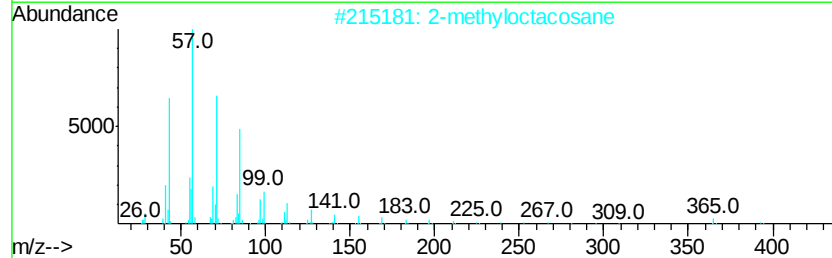
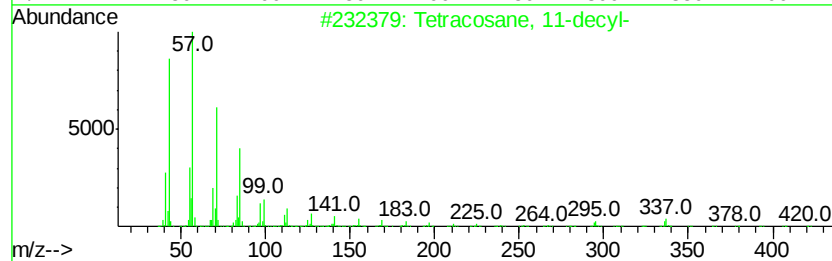
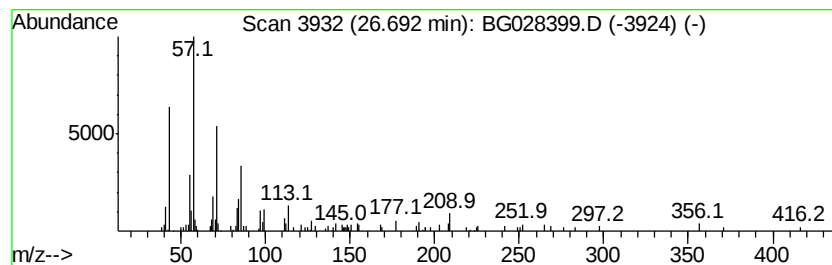
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	2.53 ng/ul	125623	Perylene-d12	25.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	62
2			2-methyloctacosane	408	C29H60	1000376-72-8	62
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	62
4			Hentriacontane	437	C31H64	000630-04-6	62
5			Heneicosane	296	C21H44	000629-94-7	58



Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028399.D
Acq On : 21 Aug 2017 22:01
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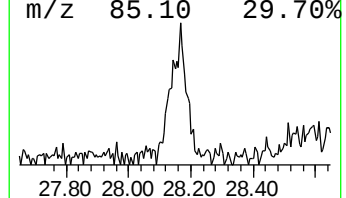
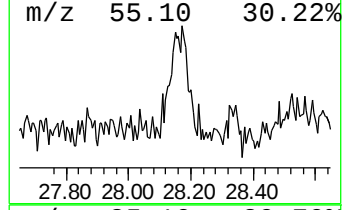
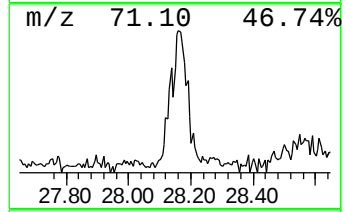
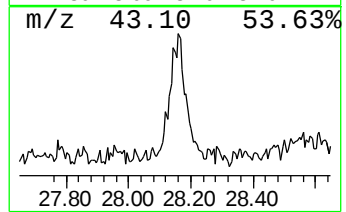
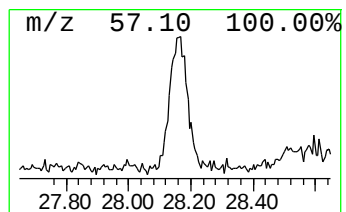
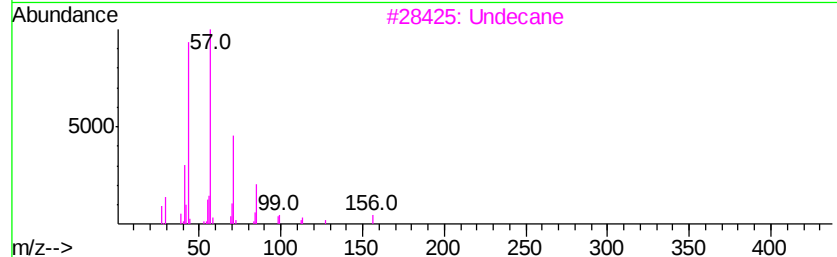
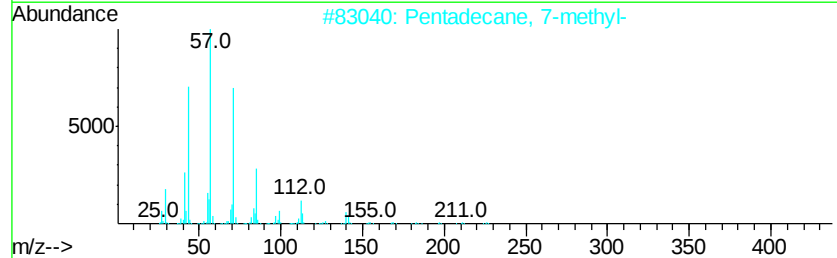
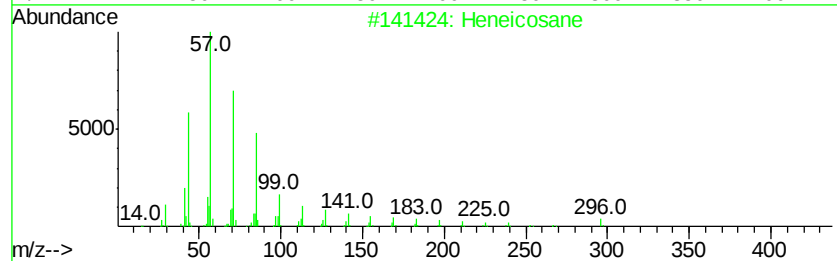
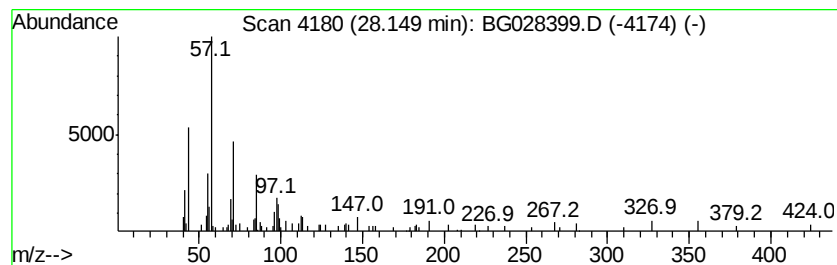
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.15	2.88 ng/ul	142675	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76
3		Undecane	156	C11H24	001120-21-4	74
4		Heptacosane	380	C27H56	000593-49-7	64
5		Heneicosane	296	C21H44	000629-94-7	64



Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028399.D
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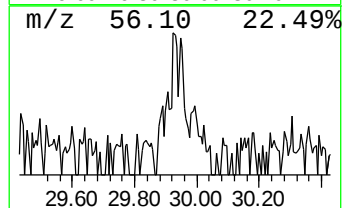
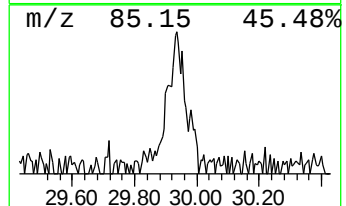
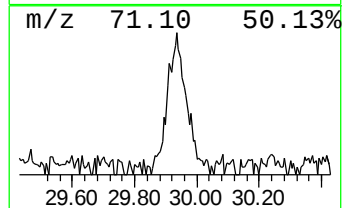
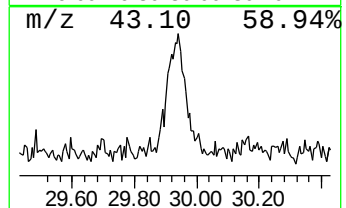
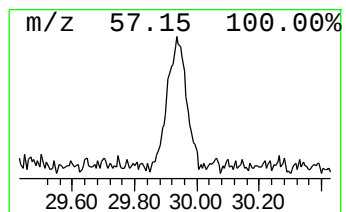
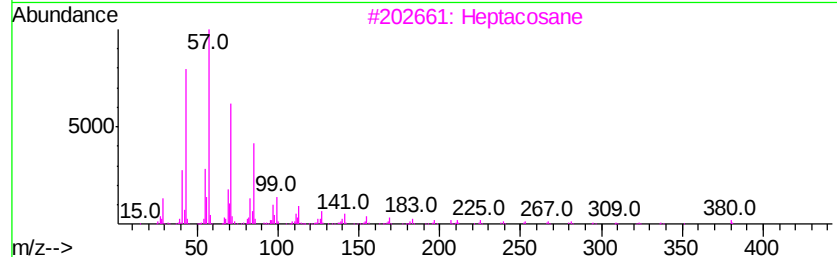
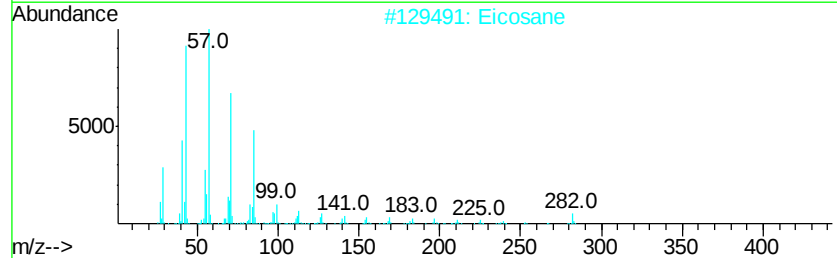
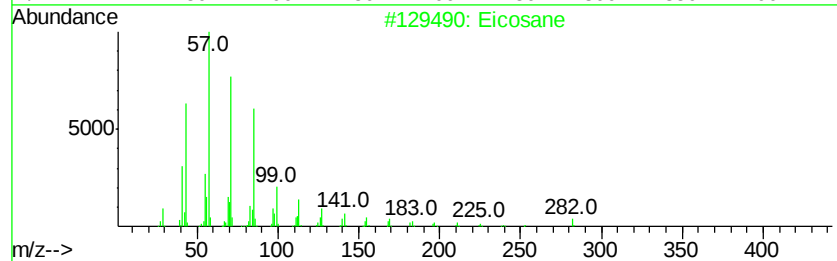
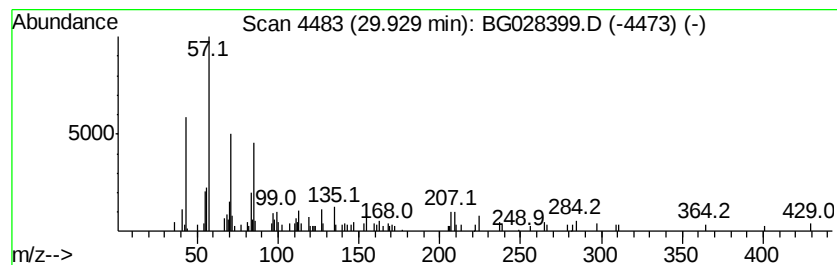
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.93	2.46 ng/ul	122071	Perylene-d12	25.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	92
2	Eicosane			282	C20H42	000112-95-8	70
3	Heptacosane			380	C27H56	000593-49-7	52
4	Hexacosane			366	C26H54	000630-01-3	52
5	Octadecane			254	C18H38	000593-45-3	52



Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028399.D
Acq On : 21 Aug 2017 22:01
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Sample : I4713-18
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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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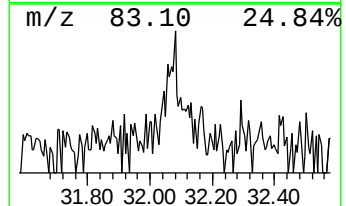
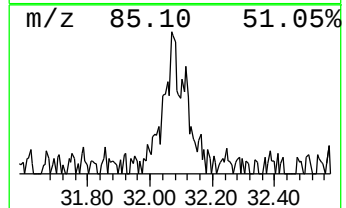
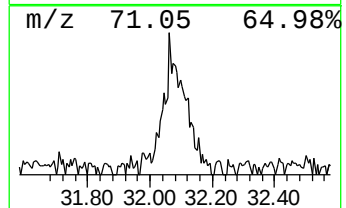
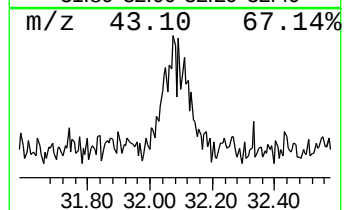
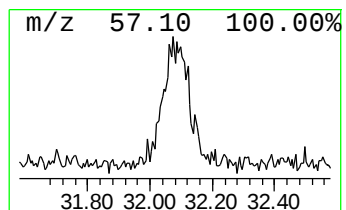
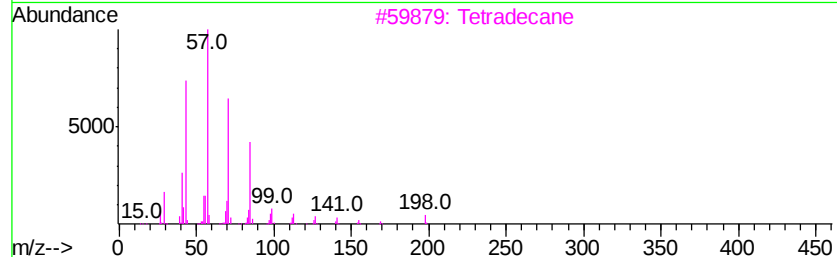
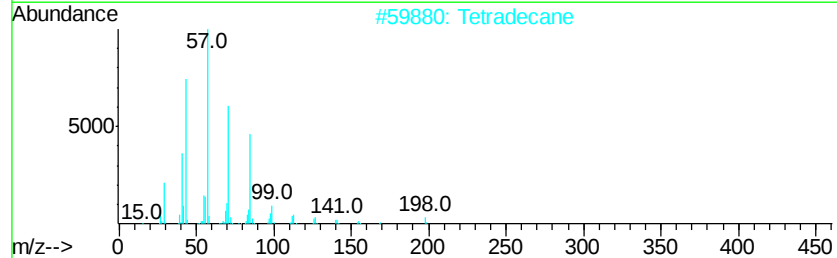
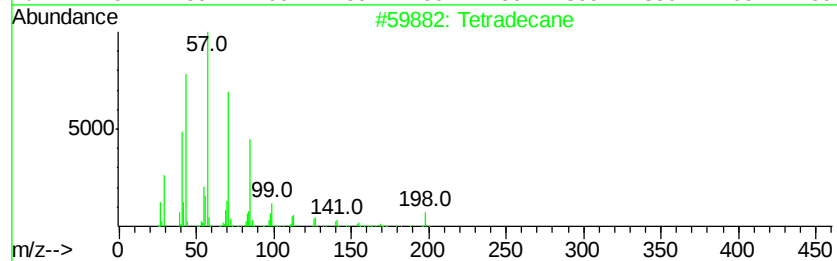
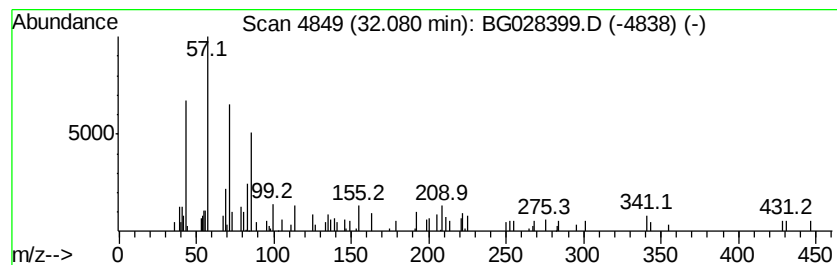
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.08	2.01 ng/ul	99938	Perylene-d12	25.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	53
2			Tetradecane	198	C14H30	000629-59-4	53
3			Tetradecane	198	C14H30	000629-59-4	49
4			Nonadecane	268	C19H40	000629-92-5	49
5			Eicosane	282	C20H42	000112-95-8	49



Data Path : U:\HPCHEM1\BNA_G\DATA\BG082117\
Data File : BG028399.D
Acq On : 21 Aug 2017 22:01
Operator : SJ/JU
Sample : I4713-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GC8

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
Benzene, (1,4-cyc...	12.65	2.0	ng/ul	33484	2	11.16	331704	20.0
Dodecanoic acid	15.33	17.6	ng/ul	442505	3	14.95	503277	20.0
Pentadecanoic acid	17.06	4.3	ng/ul	160739	4	17.70	753352	20.0
n-Hexadecanoic acid	18.54	8.6	ng/ul	323176	4	17.70	753352	20.0
Octadecanoic acid	19.81	8.7	ng/ul	326162	4	17.70	753352	20.0
unknown-01	20.38	2.2	ng/ul	103294	5	22.03	930098	20.0
(DEL) Alkane: Str...	26.69	2.5	ng/ul	125623	6	25.53	992451	20.0
(DEL) Alkane: Str...	28.15	2.9	ng/ul	142675	6	25.53	992451	20.0
(DEL) Alkane: Str...	29.93	2.5	ng/ul	122071	6	25.53	992451	20.0
(DEL) Alkane: Str...	32.08	2.0	ng/ul	99938	6	25.53	992451	20.0