

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
 Data File : BG027529.D
 Acq On : 19 Jun 2017 14:58
 Operator : SJ/MA
 Sample : I3599-14DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5B28DL

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-BG061617.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	7.654	633	641	655	rBV3	26720	73516	8.27%	0.847%
2	7.830	664	671	681	rBV	20475	37175	4.18%	0.428%
3	8.054	702	709	720	rVB	23123	43729	4.92%	0.504%
4	8.518	780	788	800	rVB	121547	221061	24.86%	2.548%
5	8.935	855	859	871	rVB4	5997	10378	1.17%	0.120%
6	9.064	874	881	890	rVB6	3323	6503	0.73%	0.075%
7	9.194	896	903	909	rBV2	30938	57222	6.43%	0.660%
8	9.258	909	914	928	rVB	19330	36689	4.13%	0.423%
9	9.681	978	986	995	rBV	25324	47323	5.32%	0.545%
10	10.404	1100	1109	1116	rBV3	18815	36048	4.05%	0.415%
11	10.480	1116	1122	1125	rBV4	3661	7188	0.81%	0.083%
12	10.751	1159	1168	1169	rBV6	2883	6113	0.69%	0.070%
13	10.774	1170	1172	1178	rVB6	3968	5617	0.63%	0.065%
14	10.944	1193	1201	1211	rBV2	30550	58647	6.59%	0.676%
15	11.338	1259	1268	1272	rBV	194819	373670	42.02%	4.307%
16	11.391	1272	1277	1284	rVB	217414	404490	45.49%	4.662%
17	11.467	1284	1290	1294	rBV2	29106	54823	6.16%	0.632%
18	11.508	1295	1297	1305	rVB	10162	14322	1.61%	0.165%
19	11.790	1336	1345	1352	rBV	2692	6490	0.73%	0.075%
20	12.954	1534	1543	1548	rBV	95412	166835	18.76%	1.923%
21	13.007	1548	1552	1558	rVB2	23745	38467	4.33%	0.443%
22	13.171	1571	1580	1587	rBV	50392	82995	9.33%	0.957%
23	13.277	1592	1598	1608	rVB5	12071	19480	2.19%	0.225%
24	13.935	1705	1710	1718	rVB	23955	38776	4.36%	0.447%
25	14.135	1738	1744	1754	rVB3	6855	11389	1.28%	0.131%
26	14.270	1760	1767	1776	rVB5	13582	33465	3.76%	0.386%
27	14.423	1787	1793	1798	rBV2	18551	33219	3.74%	0.383%
28	14.487	1798	1804	1808	rVV	76854	121922	13.71%	1.405%
29	14.534	1808	1812	1821	rVB	31138	48233	5.42%	0.556%
30	14.658	1829	1833	1845	rVB4	7221	14766	1.66%	0.170%
31	14.799	1851	1857	1872	rVB	70884	127174	14.30%	1.466%
32	14.963	1877	1885	1891	rVB5	2288	4237	0.48%	0.049%
33	15.104	1897	1909	1915	rVV2	320241	564809	63.51%	6.510%
34	15.169	1915	1920	1926	rVV	110358	180932	20.35%	2.085%

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35	15.233	1926	1931	1933	rVV2	5691	8881	1.00%	0.102%
36	15.275	1933	1938	1950	rVV3	20353	41237	4.64%	0.475%
37	15.410	1956	1961	1968	rVV2	4336	7299	0.82%	0.084%
38	15.498	1968	1976	1983	rVV	86474	141874	15.95%	1.635%
39	15.568	1983	1988	1994	rVB5	3960	6909	0.78%	0.080%
40	15.709	2004	2012	2016	rVV5	3131	5732	0.64%	0.066%
41	15.762	2016	2021	2025	rVV3	3242	4350	0.49%	0.050%
42	15.815	2025	2030	2035	rVV2	6669	9770	1.10%	0.113%
43	15.903	2035	2045	2052	rVV10	3289	10564	1.19%	0.122%
44	16.091	2064	2077	2081	rBV	98608	162189	18.24%	1.869%
45	16.144	2081	2086	2091	rVV2	116988	194246	21.84%	2.239%
46	16.191	2091	2094	2099	rVV3	23551	37213	4.18%	0.429%
47	16.273	2099	2108	2110	rVV6	5693	16365	1.84%	0.189%
48	16.309	2110	2114	2119	rVV3	12087	21456	2.41%	0.247%
49	16.356	2119	2122	2125	rVV3	2671	4496	0.51%	0.052%
50	16.397	2125	2129	2132	rVV2	6659	9972	1.12%	0.115%
51	16.432	2132	2135	2142	rVB2	15106	22913	2.58%	0.264%
52	16.585	2152	2161	2170	rBV2	15743	34416	3.87%	0.397%
53	16.761	2187	2191	2202	rVB8	4026	9570	1.08%	0.110%
54	16.937	2216	2221	2230	rVV7	3328	5667	0.64%	0.065%
55	17.149	2243	2257	2262	rBV4	11962	24488	2.75%	0.282%
56	17.196	2262	2265	2271	rVB4	4186	5802	0.65%	0.067%
57	17.296	2275	2282	2287	rVB6	4002	7108	0.80%	0.082%
58	17.366	2287	2294	2299	rBV7	3543	7355	0.83%	0.085%
59	17.413	2299	2302	2306	rVV4	3750	4327	0.49%	0.050%
60	17.572	2322	2329	2335	rBV6	5292	10869	1.22%	0.125%
61	17.672	2338	2346	2353	rBV	24639	38589	4.34%	0.445%
62	17.854	2368	2377	2381	rBV2	428479	710510	79.90%	8.189%
63	17.895	2381	2384	2390	rVB	373841	560333	63.01%	6.458%
64	17.954	2390	2394	2397	rBV	93894	137949	15.51%	1.590%
65	18.253	2438	2445	2459	rVB	35242	60716	6.83%	0.700%
66	18.365	2459	2464	2469	rBV3	4241	6559	0.74%	0.076%
67	18.577	2495	2500	2508	rVB5	2141	4211	0.47%	0.049%
68	18.724	2514	2525	2529	rBV	25027	44981	5.06%	0.518%
69	18.765	2529	2532	2540	rVB2	31149	49851	5.61%	0.575%
70	18.853	2540	2547	2551	rBV	11362	18770	2.11%	0.216%
71	18.923	2551	2559	2570	rVV4	42204	93294	10.49%	1.075%

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72	19.211	2602	2608	2612	rBV	15630	21942	2.47%	0.253%
73	19.617	2672	2677	2682	rBV5	6642	10326	1.16%	0.119%
74	19.687	2684	2689	2698	rVB9	3832	9513	1.07%	0.110%
75	19.758	2698	2701	2709	rVB7	2655	5919	0.67%	0.068%
76	19.887	2715	2723	2729	rBV	224415	328415	36.93%	3.785%
77	20.134	2762	2765	2772	rVB3	5189	7567	0.85%	0.087%
78	20.222	2772	2780	2782	rBV2	166476	258564	29.08%	2.980%
79	20.310	2792	2795	2802	rVB5	7375	10705	1.20%	0.123%
80	20.422	2808	2814	2819	rVB2	9730	13738	1.54%	0.158%
81	20.492	2820	2826	2829	rBV3	12374	16915	1.90%	0.195%
82	20.527	2829	2832	2835	rVV	19575	22420	2.52%	0.258%
83	20.563	2835	2838	2845	rVV5	8900	18275	2.06%	0.211%
84	20.621	2845	2848	2853	rVB3	5115	8122	0.91%	0.094%
85	20.733	2856	2867	2873	rBV3	25004	54892	6.17%	0.633%
86	20.833	2879	2884	2889	rBV2	24815	38995	4.39%	0.449%
87	21.050	2917	2921	2923	rBV5	3810	4946	0.56%	0.057%
88	21.573	3007	3010	3015	rVB6	8141	10246	1.15%	0.118%
89	21.761	3039	3042	3046	rBV2	4512	8831	0.99%	0.102%
90	21.867	3057	3060	3065	rVB6	5615	7283	0.82%	0.084%
91	22.231	3112	3122	3129	rBV	420275	889274	100.00%	10.249%
92	22.766	3209	3213	3216	rBV6	5489	9127	1.03%	0.105%
93	23.853	3393	3398	3405	rVB5	11814	24727	2.78%	0.285%
94	24.711	3538	3544	3546	rBV5	8015	13745	1.55%	0.158%
95	24.769	3548	3554	3565	rVB4	24565	61966	6.97%	0.714%
96	25.621	3690	3699	3709	rBV3	56449	177658	19.98%	2.048%
97	25.880	3730	3743	3761	rVB	236965	849187	95.49%	9.787%
98	27.149	3952	3959	3972	rVB2	31419	89186	10.03%	1.028%
99	28.706	4216	4224	4237	rVB4	27051	101774	11.44%	1.173%
100	30.598	4536	4546	4559	rVB7	18041	73754	8.29%	0.850%

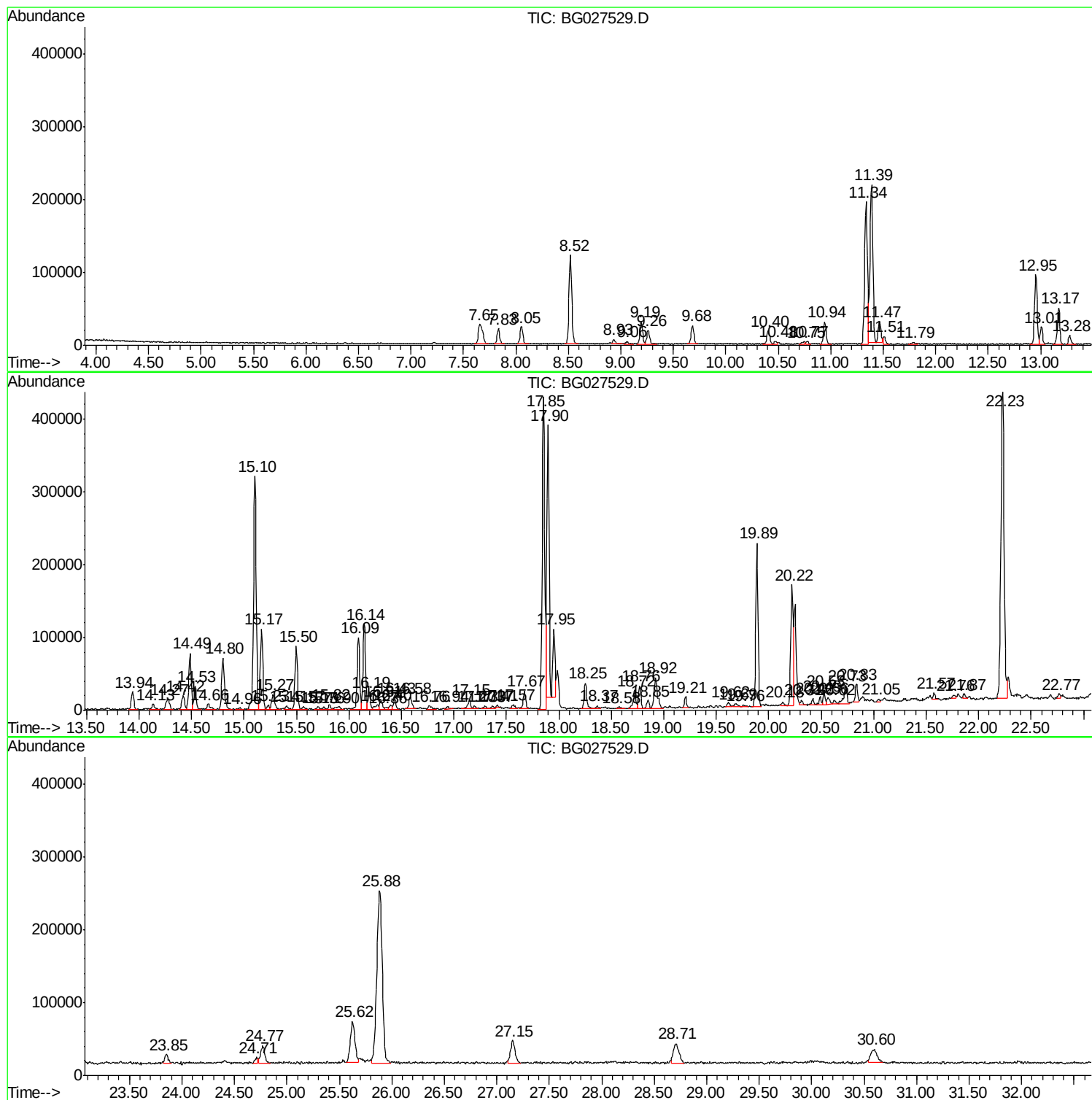
Sum of corrected areas: 8676546

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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



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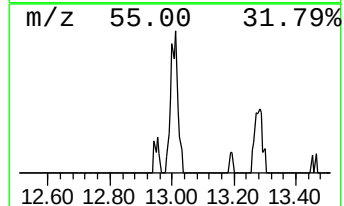
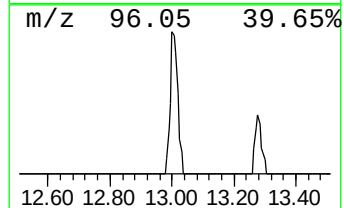
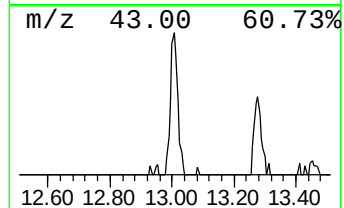
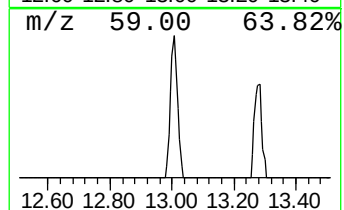
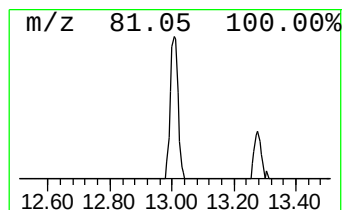
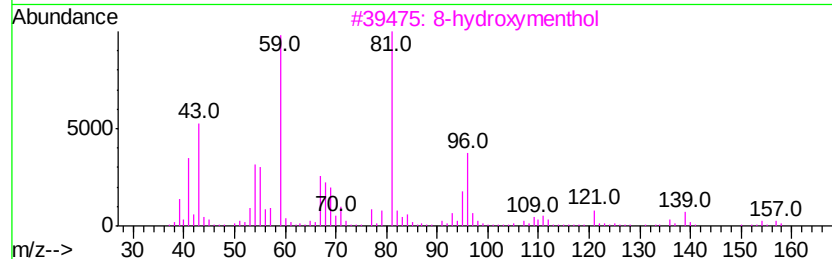
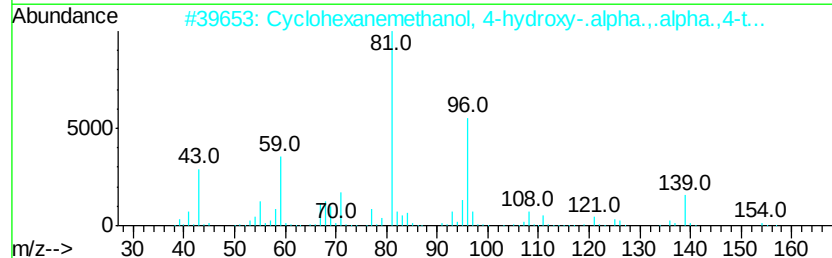
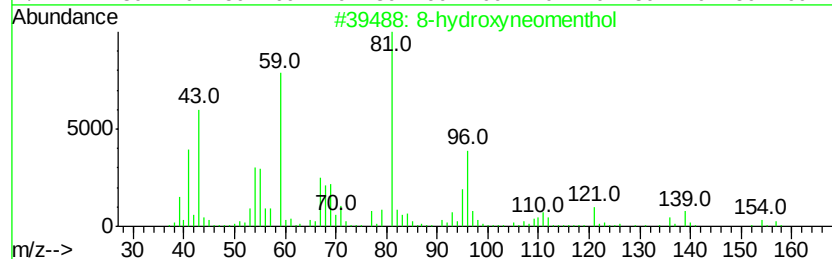
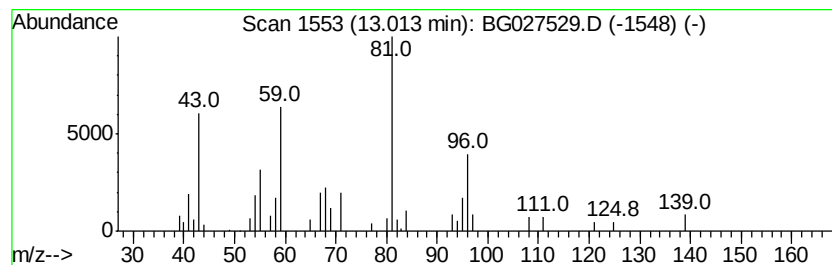
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 8-hydroxyneomenthol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.01	2.06 ng/ul	38467	Napthalene-d8	11.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-hydroxyneomenthol	172	C10H20O2	1000374-16-1	72
2	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	72
3	8-hydroxymenthol	172	C10H20O2	1000374-16-2	56
4	2,4-Dimethyl-1-hepten-4-ol	142	C9H18O	019549-94-1	47
5	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	45



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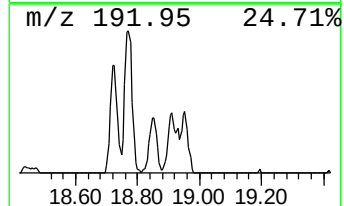
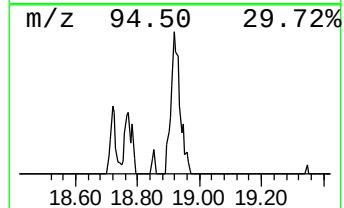
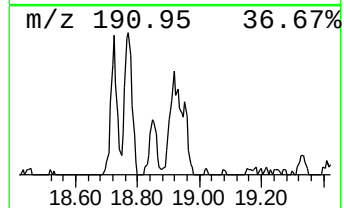
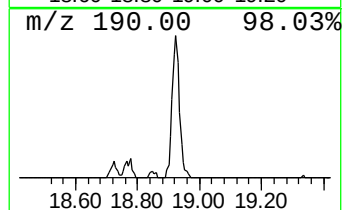
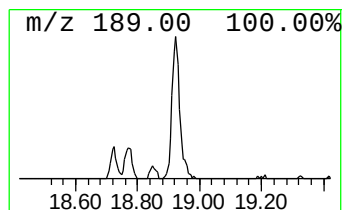
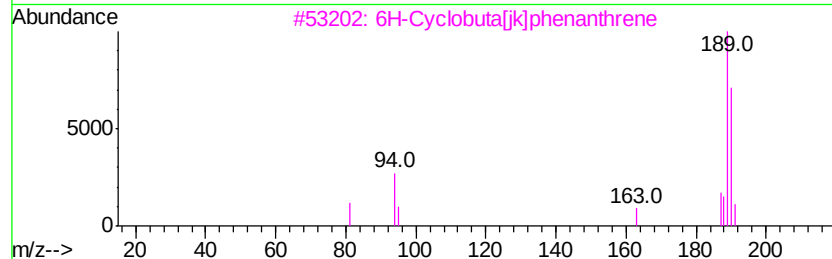
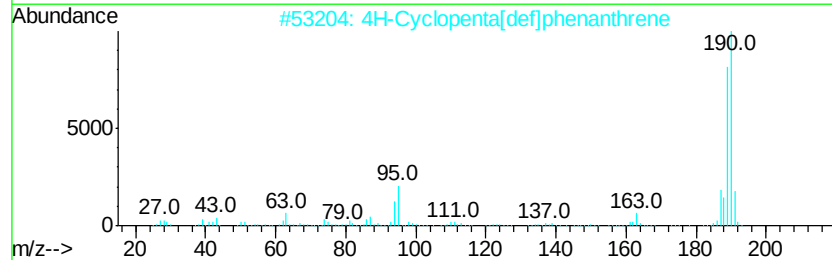
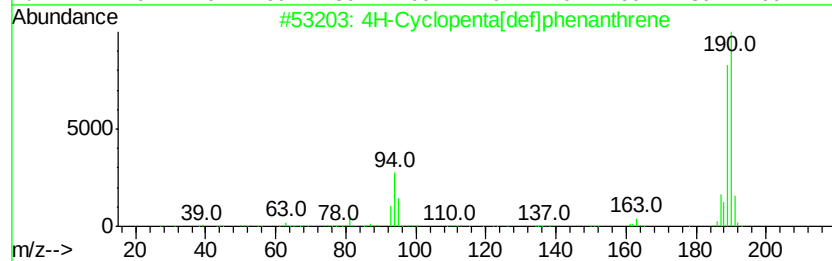
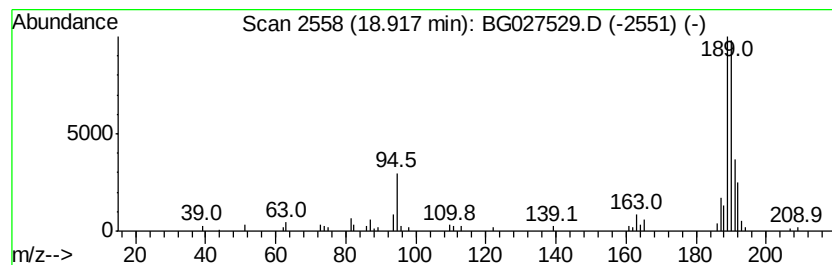
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.92	2.63 ng/ul	93294	Phenanthrene-d10		17.85
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
3	6H-Cyclobuta[i]k]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43



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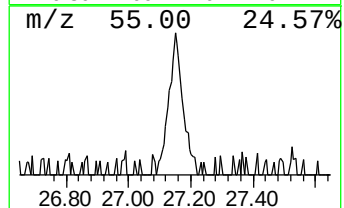
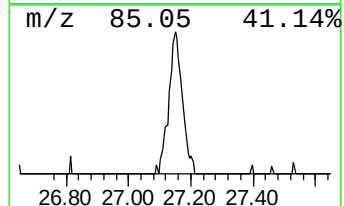
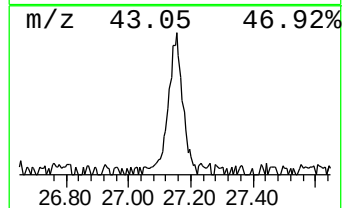
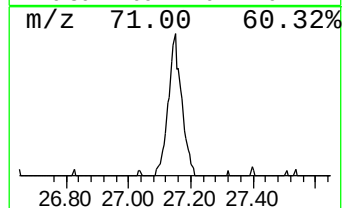
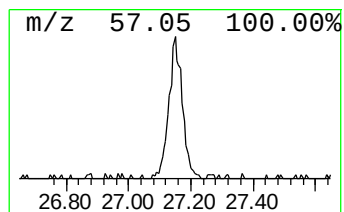
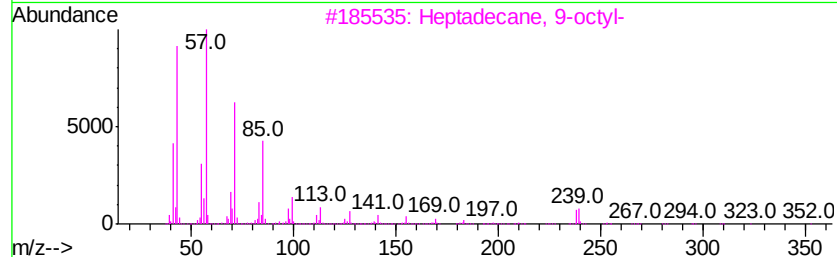
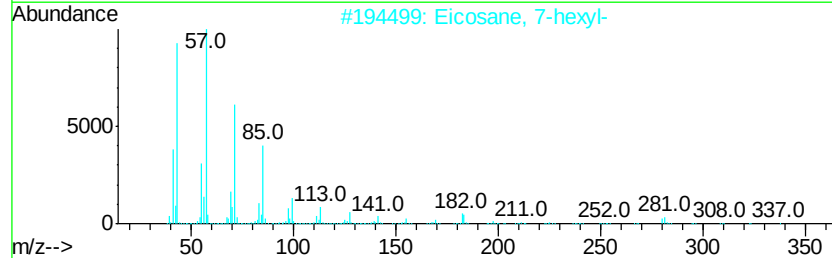
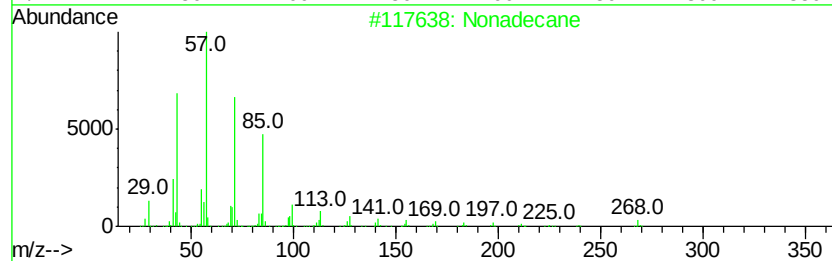
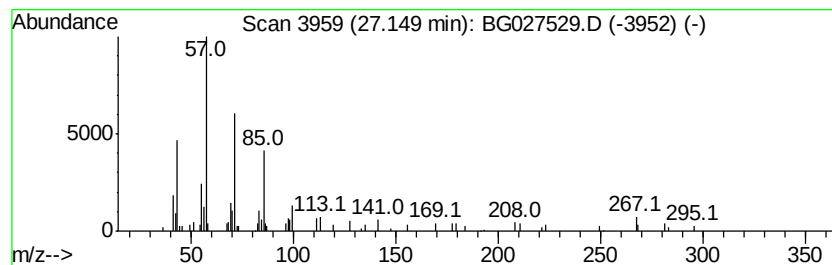
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	2.10 ng/ul	89186	Perylene-d12	25.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	96
2			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	81
4			Nonadecane	268	C19H40	000629-92-5	74
5			Heptadecane	240	C17H36	000629-78-7	74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027529.D
Acq On : 19 Jun 2017 14:58
Operator : SJ/MA
Sample : I3599-14DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5B28DL

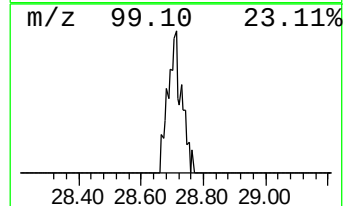
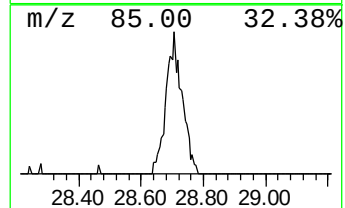
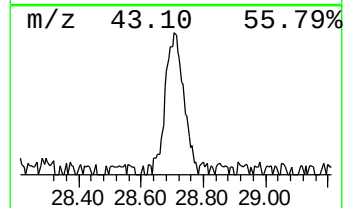
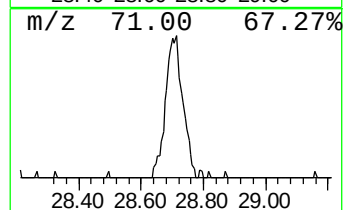
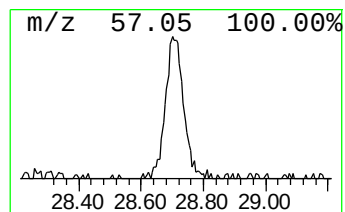
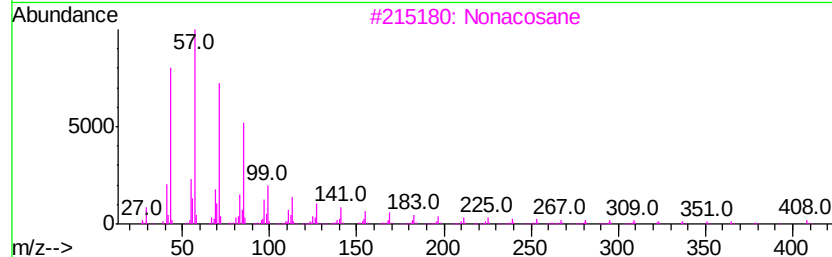
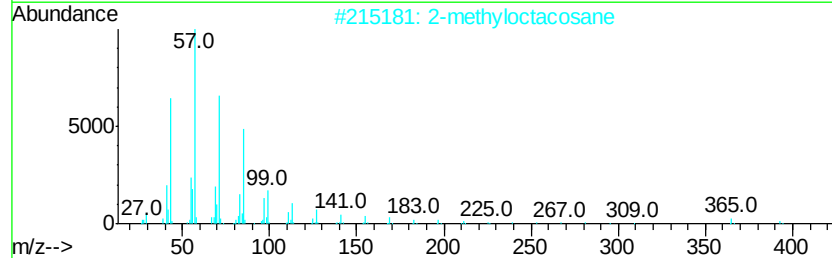
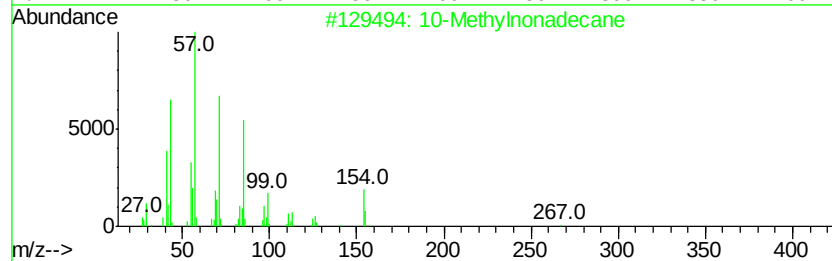
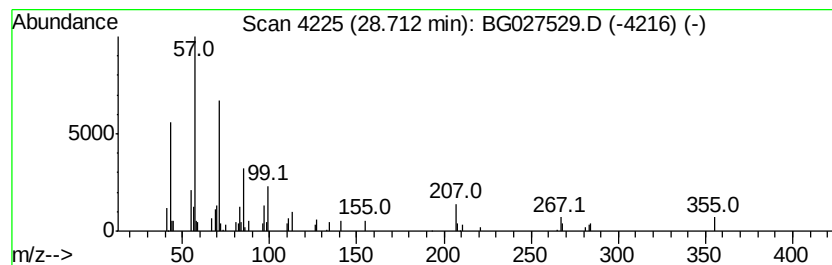
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.71	2.40 ng/ul	101774	Perylene-d12	25.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	59
2		2-methyloctacosane	408	C29H60	1000376-72-8	59
3		Nonacosane	408	C29H60	000630-03-5	59
4		Tetratetracontane	619	C44H90	007098-22-8	58
5		Hexacosane	366	C26H54	000630-01-3	58



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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5B28DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.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
8-hydroxyneomenthol	13.01	2.1	ng/ul	38467	2	11.34	373670	20.0
4H-Cyclopenta[def...	18.92	2.6	ng/ul	93294	4	17.85	710510	20.0
(DEL) Alkane: Str...	27.15	2.1	ng/ul	89186	6	25.89	849187	20.0
(DEL) Alkane: Str...	28.71	2.4	ng/ul	101774	6	25.89	849187	20.0