

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
 Data File : BG028392.D
 Acq On : 21 Aug 2017 16:00
 Operator : SJ/JU
 Sample : I4831-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AL5

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	3.761	26	29	31	rVB4	2607	2783	0.16%	0.017%
2	3.820	35	39	49	rVB5	9493	19274	1.09%	0.120%
3	3.955	59	62	66	rBV2	2554	4207	0.24%	0.026%
4	4.043	74	77	79	rBV2	3351	3379	0.19%	0.021%
5	4.466	144	149	153	rBV4	2328	4870	0.27%	0.030%
6	4.648	175	180	186	rBV4	2135	4710	0.27%	0.029%
7	4.819	208	209	216	rBV4	2169	4154	0.23%	0.026%
8	4.901	216	223	230	rVV7	8570	17091	0.96%	0.107%
9	5.453	312	317	323	rVB5	6733	10690	0.60%	0.067%
10	5.606	339	343	346	rBV3	2341	3630	0.20%	0.023%
11	5.864	385	387	393	rBV3	1661	2947	0.17%	0.018%
12	6.287	456	459	463	rBV3	1486	2702	0.15%	0.017%
13	6.387	470	476	482	rVB5	3474	5775	0.33%	0.036%
14	6.558	501	505	509	rVB5	2142	3406	0.19%	0.021%
15	7.416	647	651	654	rBV3	2332	3215	0.18%	0.020%
16	7.498	656	665	676	rVB2	44787	91555	5.16%	0.572%
17	7.656	685	692	704	rVV	132012	223879	12.61%	1.399%
18	7.762	704	710	715	rVB6	3199	6303	0.35%	0.039%
19	7.874	721	729	743	rVV	137150	255577	14.39%	1.597%
20	7.986	743	748	752	rVV5	2094	3409	0.19%	0.021%
21	8.344	802	809	813	rBV	126076	230622	12.99%	1.441%
22	8.614	854	855	863	rVB3	2240	3756	0.21%	0.023%
23	8.920	903	907	911	rBV3	2072	3019	0.17%	0.019%
24	9.037	918	927	942	rBV3	122381	241881	13.62%	1.511%
25	9.178	943	951	955	rVV4	3297	7645	0.43%	0.048%
26	9.437	988	995	999	rBV4	8949	14154	0.80%	0.088%
27	9.507	999	1007	1018	rVV	183290	346633	19.52%	2.166%
28	9.648	1025	1031	1039	rBV7	3698	8600	0.48%	0.054%
29	10.236	1123	1131	1142	rBV2	161169	316374	17.81%	1.977%
30	10.406	1157	1160	1164	rBV2	1886	2591	0.15%	0.016%
31	10.647	1195	1201	1204	rBV3	1421	2864	0.16%	0.018%
32	10.776	1216	1223	1233	rBV2	220654	434679	24.47%	2.716%
33	10.917	1245	1247	1252	rVB2	2409	3394	0.19%	0.021%
34	10.976	1252	1257	1260	rBV2	1616	2715	0.15%	0.017%

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35	11.070	1266	1273	1281	rVB5	3736	9301	0.52%	0.058%
36	11.158	1281	1288	1303	rBV	190690	361116	20.33%	2.257%
37	11.299	1306	1312	1319	rBV6	3239	8168	0.46%	0.051%
38	11.446	1329	1337	1341	rBV3	2855	4890	0.28%	0.031%
39	11.681	1372	1377	1380	rBV3	1579	2958	0.17%	0.018%
40	11.816	1395	1400	1403	rBV3	2778	3264	0.18%	0.020%
41	11.940	1416	1421	1424	rBV4	2631	3890	0.22%	0.024%
42	12.040	1434	1438	1443	rBV4	1755	3350	0.19%	0.021%
43	12.163	1455	1459	1465	rVB3	2269	4848	0.27%	0.030%
44	12.228	1465	1470	1473	rBV2	1311	2593	0.15%	0.016%
45	12.727	1549	1555	1562	rVB4	3844	8644	0.49%	0.054%
46	12.815	1562	1570	1573	rBV3	1643	3825	0.22%	0.024%
47	13.303	1646	1653	1660	rBV5	5247	9377	0.53%	0.059%
48	13.391	1667	1668	1677	rBV	2372	4802	0.27%	0.030%
49	13.544	1688	1694	1704	rVB5	6513	15459	0.87%	0.097%
50	13.814	1733	1740	1746	rVB2	29964	47523	2.68%	0.297%
51	13.873	1746	1750	1759	rBV4	5896	14793	0.83%	0.092%
52	14.337	1820	1829	1837	rBV	575411	878498	49.46%	5.490%
53	14.454	1843	1849	1852	rBV3	1658	3555	0.20%	0.022%
54	14.648	1867	1882	1896	rBV	548433	920246	51.82%	5.750%
55	14.954	1923	1934	1944	rVB2	344460	595970	33.56%	3.724%
56	15.159	1962	1969	1982	rBV5	31982	86107	4.85%	0.538%
57	15.242	1982	1983	1988	rVB2	3308	3438	0.19%	0.021%
58	15.359	1997	2003	2005	rVB3	3190	5273	0.30%	0.033%
59	15.512	2025	2029	2035	rBV4	2742	3951	0.22%	0.025%
60	15.606	2041	2045	2048	rBV5	3487	5115	0.29%	0.032%
61	15.735	2058	2067	2074	rVB5	10262	19151	1.08%	0.120%
62	15.847	2081	2086	2089	rBV3	2792	3151	0.18%	0.020%
63	15.941	2092	2102	2110	rBV	819335	1278000	71.96%	7.986%
64	16.052	2113	2121	2132	rBV	289231	480476	27.05%	3.002%
65	16.176	2137	2142	2147	rVB4	9322	15445	0.87%	0.097%
66	16.299	2156	2163	2168	rVB5	5259	10849	0.61%	0.068%
67	16.805	2244	2249	2254	rBV2	2756	3888	0.22%	0.024%
68	16.893	2260	2264	2268	rBV2	1835	3677	0.21%	0.023%
69	17.269	2323	2328	2333	rVB6	2404	3663	0.21%	0.023%
70	17.498	2359	2367	2371	rBV4	3025	4968	0.28%	0.031%
71	17.633	2382	2390	2394	rVB4	3942	7672	0.43%	0.048%

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72	17.698	2394	2401	2411	rBV	535257	845435	47.60%	5.283%
73	17.798	2411	2418	2429	rBV	972180	1525457	85.89%	9.532%
74	17.950	2438	2444	2449	rBV5	4739	7054	0.40%	0.044%
75	18.291	2499	2502	2504	rBV4	2572	3022	0.17%	0.019%
76	18.338	2504	2510	2517	rVV2	107691	143517	8.08%	0.897%
77	18.497	2532	2537	2539	rBV2	2373	3072	0.17%	0.019%
78	18.573	2545	2550	2554	rVB5	2901	5772	0.32%	0.036%
79	18.632	2554	2560	2565	rBV4	5748	11946	0.67%	0.075%
80	18.820	2588	2592	2595	rBV3	3491	5289	0.30%	0.033%
81	18.955	2613	2615	2620	rBV3	2466	3599	0.20%	0.022%
82	19.084	2632	2637	2640	rBV5	3058	4070	0.23%	0.025%
83	19.166	2647	2651	2658	rVB4	2629	5087	0.29%	0.032%
84	19.407	2685	2692	2696	rVB7	3731	8541	0.48%	0.053%
85	19.513	2707	2710	2714	rVB3	2690	4048	0.23%	0.025%
86	19.713	2738	2744	2750	rBV4	12475	18124	1.02%	0.113%
87	19.754	2750	2751	2755	rVB4	3919	4787	0.27%	0.030%
88	19.960	2781	2786	2792	rVB3	10863	18873	1.06%	0.118%
89	20.071	2794	2805	2818	rBV	1195915	1776019	100.00%	11.098%
90	20.283	2839	2841	2845	rVB5	3616	5182	0.29%	0.032%
91	22.028	3130	3138	3146	rBV	534850	978858	55.12%	6.117%
92	22.821	3270	3273	3280	rVB9	10995	21047	1.19%	0.132%
93	23.573	3394	3401	3408	rBV6	37332	80698	4.54%	0.504%
94	24.443	3543	3549	3559	rVB4	39787	91251	5.14%	0.570%
95	25.289	3681	3693	3712	rBV	566071	1704246	95.96%	10.650%
96	25.530	3716	3734	3748	rVB2	311135	1072363	60.38%	6.701%
97	26.687	3924	3931	3943	rVB3	47708	142758	8.04%	0.892%
98	28.156	4174	4181	4197	rVB5	47031	173037	9.74%	1.081%
99	29.942	4475	4485	4501	rVB6	37167	161013	9.07%	1.006%
100	32.063	4840	4846	4849	rBV6	21450	44374	2.50%	0.277%

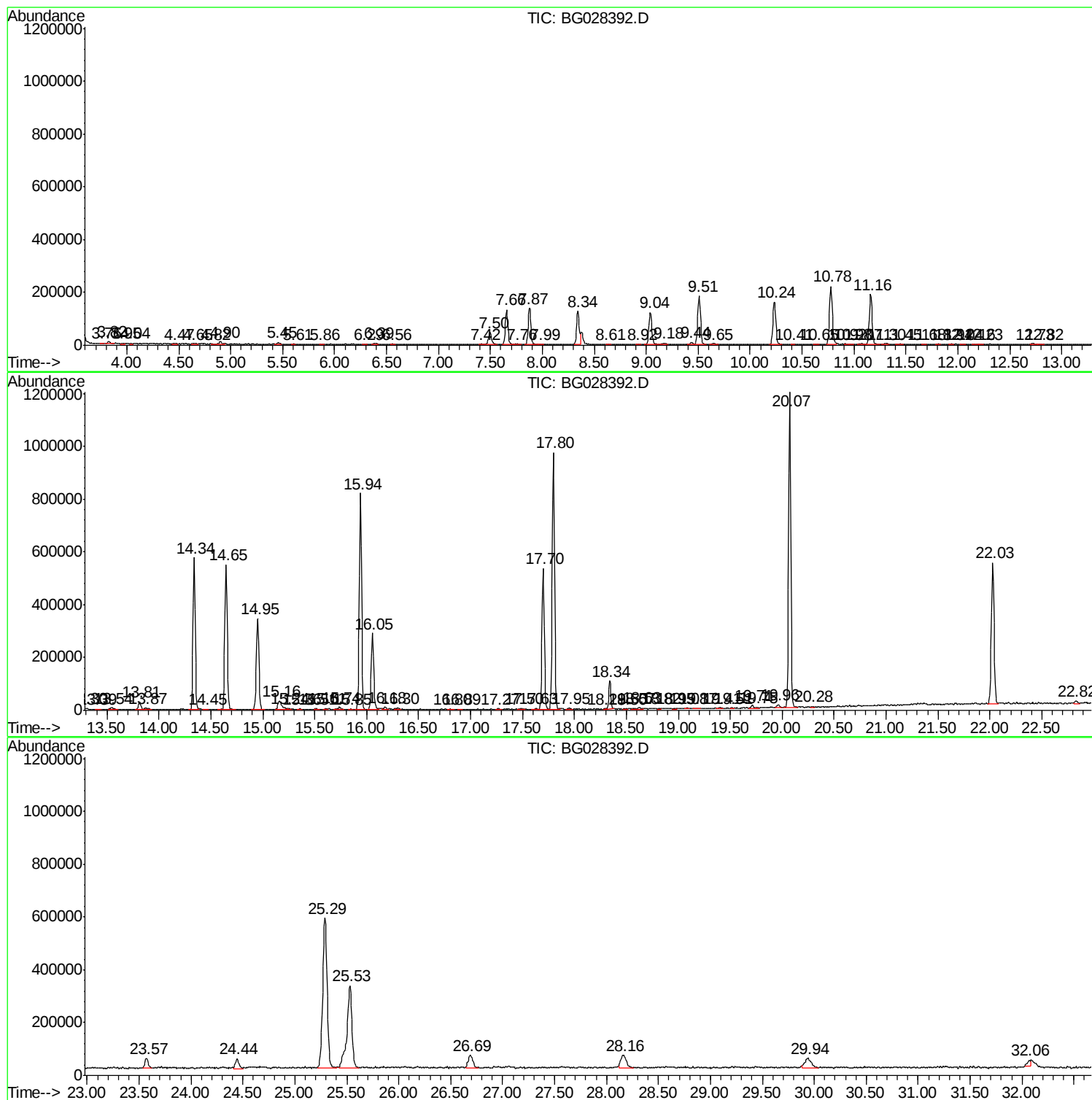
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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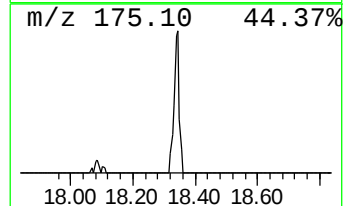
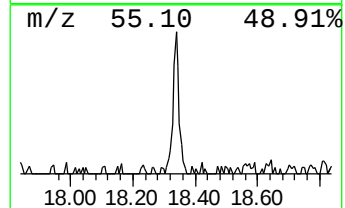
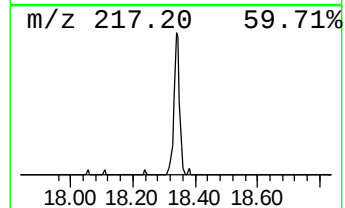
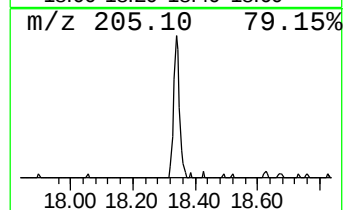
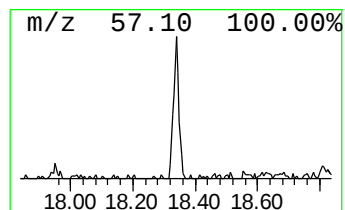
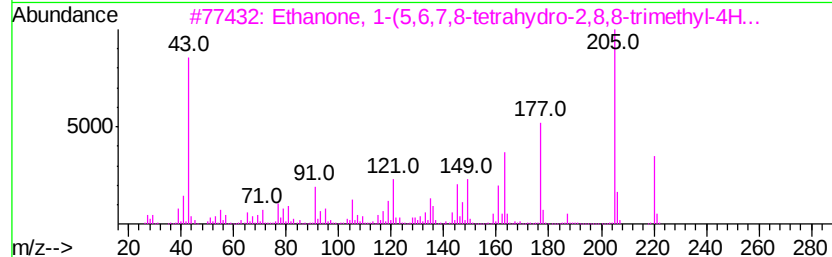
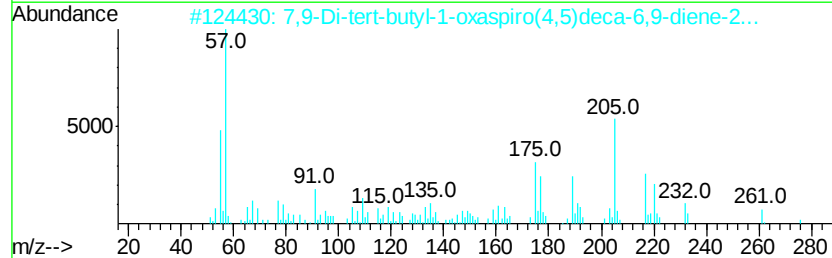
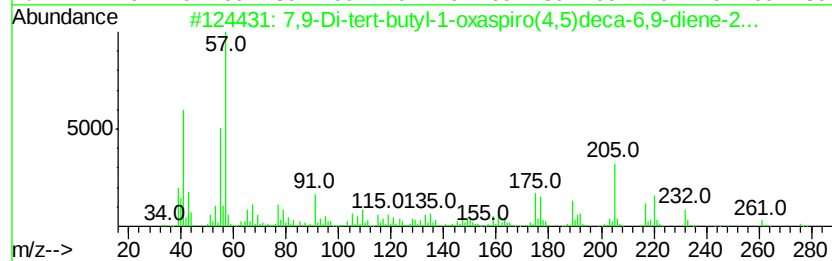
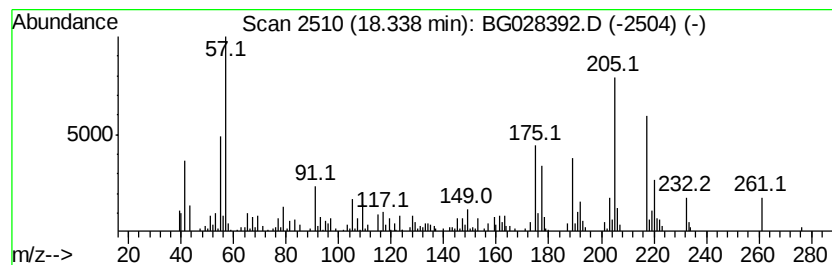
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.40 ng/ul	143517	Phenanthrene-d10	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	93
2			7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	93
3			Ethanone, 1-(5,6,7,8-tetrahydro-2,8,8-trimethyl-4H-cyclohepta[b]furan-2-yl)-	220	C14H20O2	071596-88-8	66
4			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	42
5			1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	42



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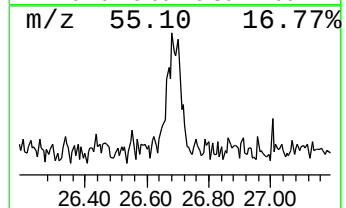
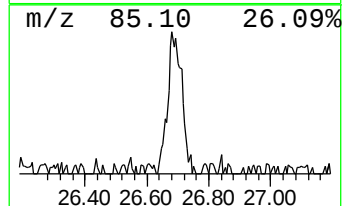
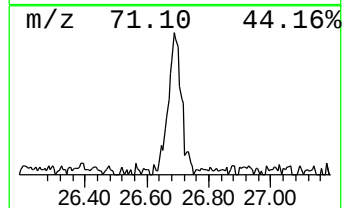
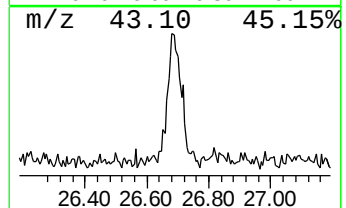
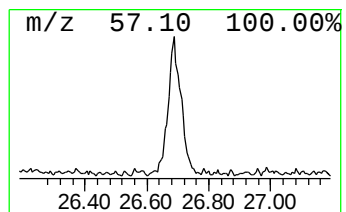
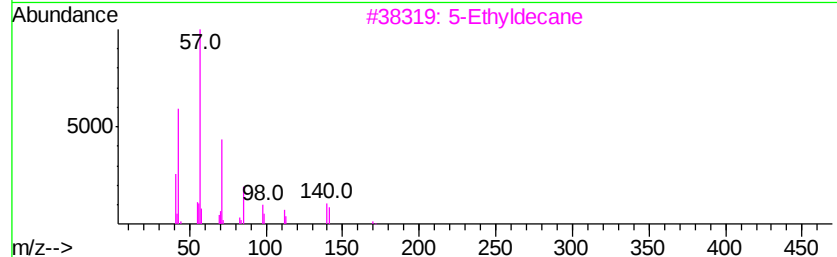
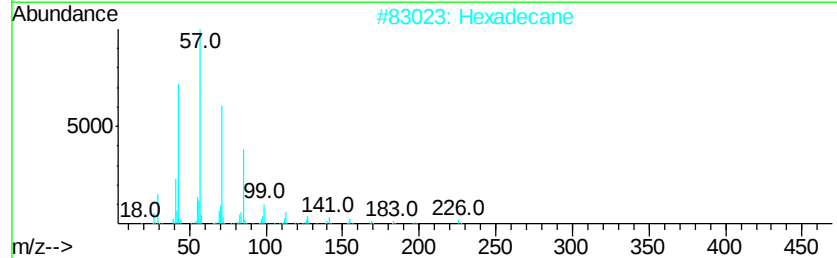
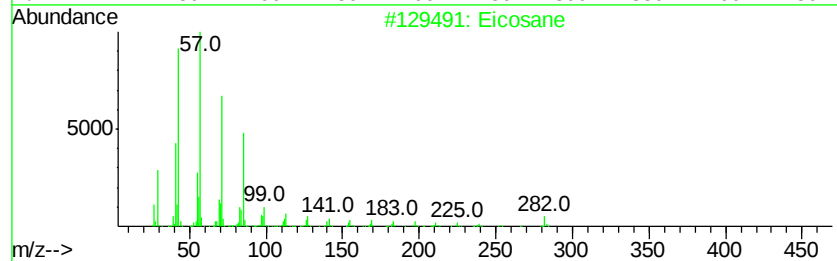
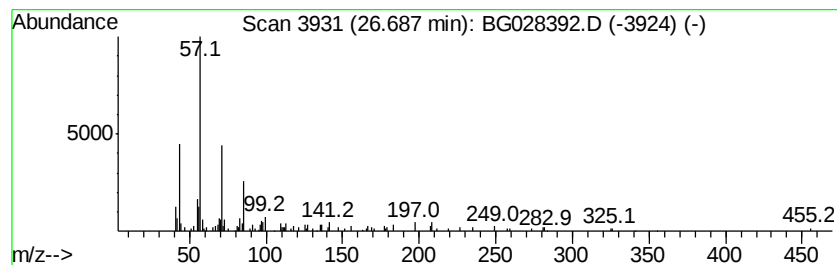
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	2.66 ng/ul	142758	Perylene-d12	25.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	96
2			Hexadecane	226	C16H34	000544-76-3	93
3			5-Ethyldecane	170	C12H26	017302-36-2	81
4			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	74
5			Heptacosane	380	C27H56	000593-49-7	72



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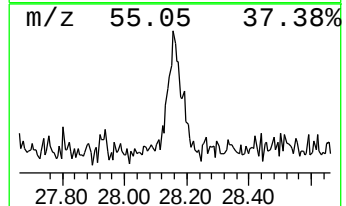
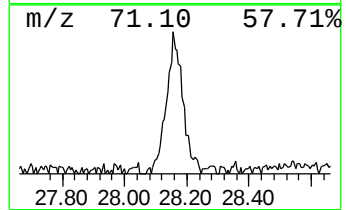
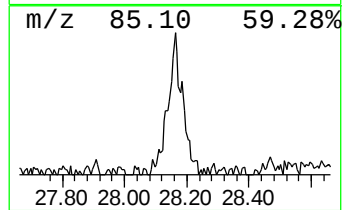
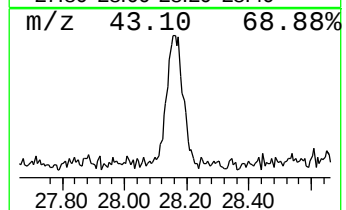
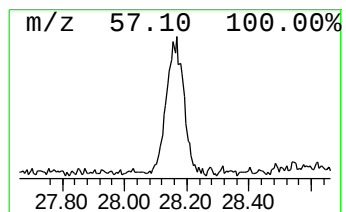
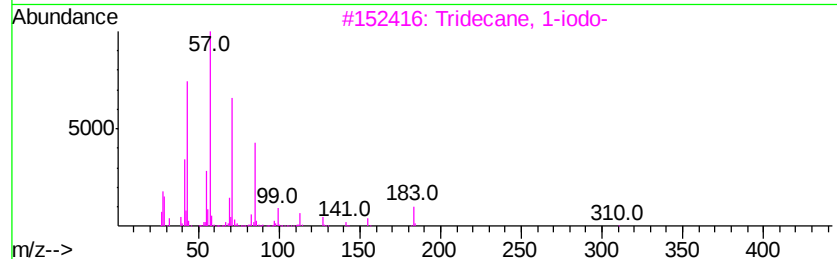
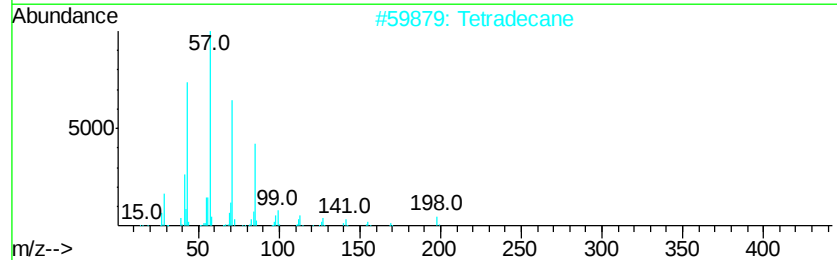
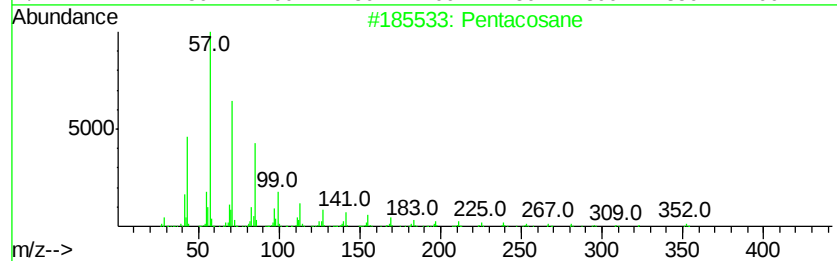
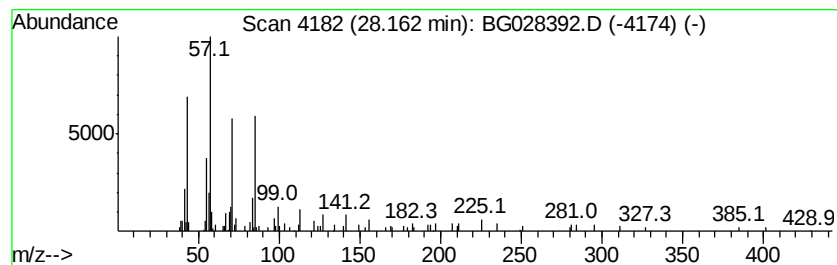
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.16	3.23 ng/ul	173037	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		Tetradecane	198	C14H30	000629-59-4	81
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
4		Hexacosane	366	C26H54	000630-01-3	72
5		Hentriacontane	437	C31H64	000630-04-6	72



Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028392.D
Acq On : 21 Aug 2017 16:00
Operator : SJ/JU
Sample : I4831-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AL5

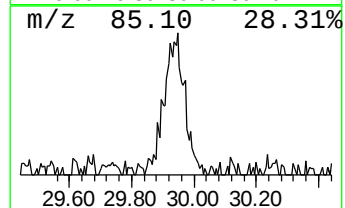
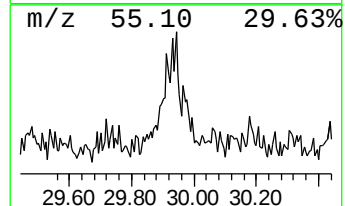
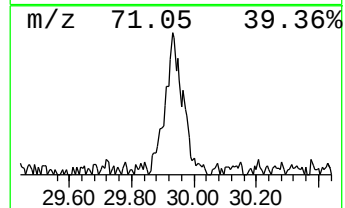
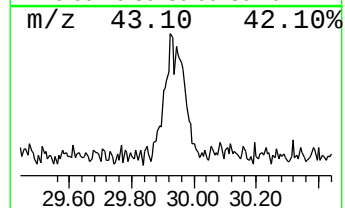
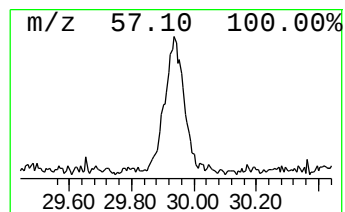
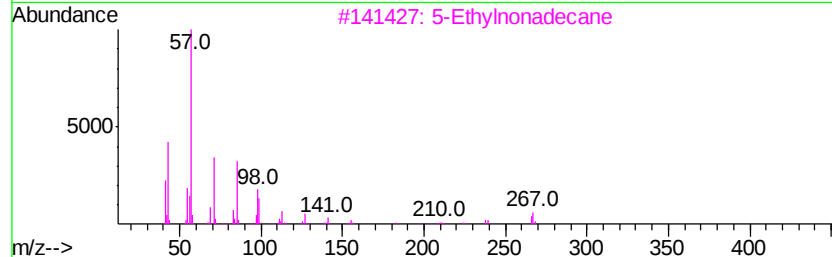
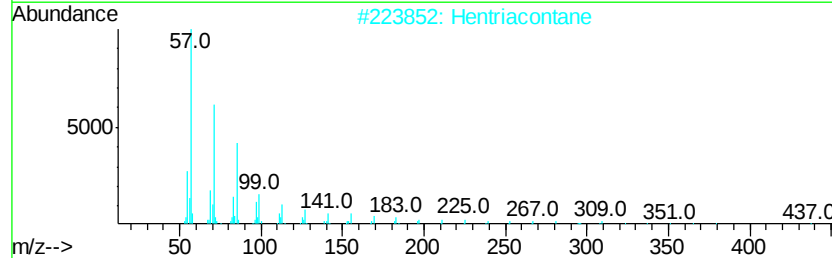
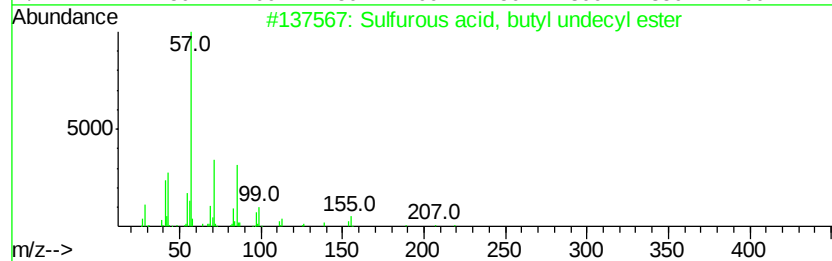
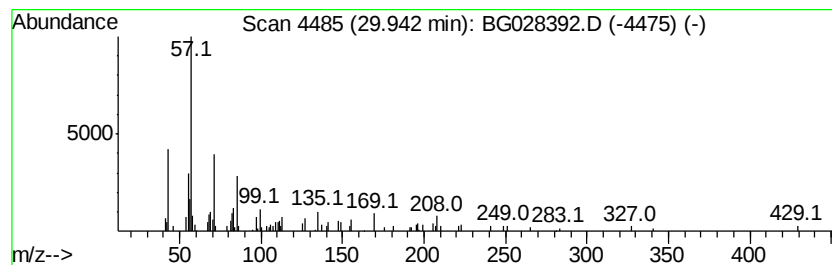
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Sulfurous acid, butyl undec... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.94	3.00 ng/ul	161013	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	58
2		Hentriacontane	437	C31H64	000630-04-6	58
3		5-Ethylnonadecane	296	C21H44	1000360-43-1	53
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	53
5		Tetratetracontane	619	C44H90	007098-22-8	52



Data Path : U:\HPCHEM1\BNA_G\DATA\BG082117\
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Acq On : 21 Aug 2017 16:00
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Sample : I4831-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AL5

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
7,9-Di-tert-butyl...	18.34	3.4	ng/ul	143517	4	17.70	845435	20.0
(DEL) Alkane: Str...	26.69	2.7	ng/ul	142758	6	25.53	1072360	20.0
(DEL) Alkane: Str...	28.16	3.2	ng/ul	173037	6	25.53	1072360	20.0
Sulfurous acid, b...	29.94	3.0	ng/ul	161013	6	25.53	1072360	20.0