

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050417\
 Data File : BG026867.D
 Acq On : 4 May 2017 11:31
 Operator : SJ/MA
 Sample : I2842-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDCA5

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-BG042717.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	3.429	52	58	68	rVB	33894	64045	1.54%	0.152%
2	4.005	151	156	167	rVB7	4021	11628	0.28%	0.028%
3	4.181	181	186	196	rVB4	5985	14543	0.35%	0.035%
4	4.545	242	248	254	rVB7	14441	21292	0.51%	0.051%
5	5.109	339	344	351	rVB5	6369	11739	0.28%	0.028%
6	5.532	411	416	423	rBV6	5063	10804	0.26%	0.026%
7	6.079	499	509	520	rBV2	20579	44859	1.08%	0.107%
8	6.214	525	532	538	rVB9	4680	11076	0.27%	0.026%
9	6.537	582	587	598	rVB5	2101	5222	0.13%	0.012%
10	6.637	601	604	611	rVB5	2577	5346	0.13%	0.013%
11	7.183	685	697	714	rVV	128341	278537	6.68%	0.661%
12	7.324	714	721	734	rVV	559024	958705	22.98%	2.277%
13	7.430	734	739	744	rVB7	4148	8613	0.21%	0.020%
14	7.542	748	758	773	rBV	562642	1000656	23.99%	2.376%
15	7.683	780	782	790	rVB6	4274	6657	0.16%	0.016%
16	8.006	829	837	844	rBV	507270	860899	20.64%	2.044%
17	8.070	844	848	855	rVB3	14203	27219	0.65%	0.065%
18	8.605	932	939	941	rBV3	3853	7473	0.18%	0.018%
19	8.723	950	959	974	rBV	409133	826700	19.82%	1.963%
20	8.823	974	976	989	rVV6	12904	32912	0.79%	0.078%
21	8.911	989	991	1001	rVV7	2747	6486	0.16%	0.015%
22	9.099	1017	1023	1027	rBV3	5562	11754	0.28%	0.028%
23	9.163	1027	1034	1046	rVV	652486	1166292	27.96%	2.770%
24	9.322	1055	1061	1067	rVB5	11686	19350	0.46%	0.046%
25	9.622	1108	1112	1118	rVB3	3164	5403	0.13%	0.013%
26	9.886	1146	1157	1173	rBV	550553	1002269	24.03%	2.380%
27	10.432	1238	1250	1287	rBV	730558	1532089	36.73%	3.638%
28	10.720	1294	1299	1303	rVB6	4645	8098	0.19%	0.019%
29	10.803	1303	1313	1328	rBV	817281	1480160	35.48%	3.515%
30	10.955	1333	1339	1358	rVB4	23118	58617	1.41%	0.139%
31	11.560	1437	1442	1445	rVB4	2701	4627	0.11%	0.011%
32	12.389	1576	1583	1590	rBV	14510	30240	0.72%	0.072%
33	13.229	1722	1726	1728	rVV3	5543	8660	0.21%	0.021%
34	13.253	1728	1730	1736	rVB5	5269	7894	0.19%	0.019%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	13.599	1781	1789	1796	rVB7	5356	10643	0.26%	0.025%
36	14.016	1850	1860	1876	rBV	1640803	2400287	57.54%	5.700%
37	14.310	1902	1910	1926	rBV	2021075	3155930	75.66%	7.495%
38	14.616	1951	1962	1970	rBV2	1227268	1915789	45.93%	4.550%
39	14.692	1970	1975	1981	rVB2	26892	40279	0.97%	0.096%
40	14.863	1998	2004	2022	rBV4	34396	131624	3.16%	0.313%
41	15.103	2040	2045	2054	rVB8	4350	9553	0.23%	0.023%
42	15.297	2066	2078	2084	rBV3	10765	30666	0.74%	0.073%
43	15.403	2092	2096	2102	rBV4	7484	16123	0.39%	0.038%
44	15.603	2121	2130	2144	rBV	2440054	3743555	89.75%	8.890%
45	15.726	2144	2151	2165	rVV	547513	881187	21.13%	2.093%
46	15.844	2165	2171	2183	rVB3	32542	70293	1.69%	0.167%
47	15.961	2188	2191	2198	rVB4	6785	11749	0.28%	0.028%
48	16.184	2223	2229	2235	rBV7	3821	7729	0.19%	0.018%
49	16.384	2258	2263	2268	rVB5	2914	5431	0.13%	0.013%
50	16.555	2288	2292	2301	rVB7	5001	10090	0.24%	0.024%
51	16.754	2316	2326	2328	rBV4	3797	8369	0.20%	0.020%
52	16.796	2328	2333	2340	rBV6	2793	7169	0.17%	0.017%
53	16.942	2354	2358	2362	rVB5	4812	6146	0.15%	0.015%
54	17.148	2387	2393	2397	rBV4	6746	12118	0.29%	0.029%
55	17.201	2401	2402	2408	rBV4	4442	6916	0.17%	0.016%
56	17.301	2415	2419	2421	rVB	6007	5125	0.12%	0.012%
57	17.354	2421	2428	2437	rBV2	1294308	1934024	46.37%	4.593%
58	17.454	2437	2445	2461	rVV2	2410770	3751669	89.94%	8.910%
59	17.559	2462	2463	2468	rVV4	6134	7413	0.18%	0.018%
60	17.624	2468	2474	2484	rVB	10630	22865	0.55%	0.054%
61	17.759	2492	2497	2499	rBV5	3914	5003	0.12%	0.012%
62	17.830	2503	2509	2513	rVB6	2259	5049	0.12%	0.012%
63	18.006	2534	2539	2555	rBV	185578	261716	6.27%	0.622%
64	18.176	2563	2568	2572	rVB6	3092	5207	0.12%	0.012%
65	18.235	2576	2578	2584	rBV5	4202	4660	0.11%	0.011%
66	18.306	2584	2590	2593	rBV	12952	21752	0.52%	0.052%
67	18.494	2616	2622	2624	rBV6	5717	10804	0.26%	0.026%
68	18.734	2660	2663	2665	rBV4	4236	6101	0.15%	0.014%
69	19.005	2708	2709	2716	rVB5	4767	4746	0.11%	0.011%
70	19.075	2716	2721	2723	rBV4	2986	4724	0.11%	0.011%
71	19.105	2723	2726	2729	rBV5	3864	5728	0.14%	0.014%

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72	19.210	2742	2744	2748	rBV5	3676	4951	0.12%	0.012%
73	19.293	2756	2758	2765	rVB7	4769	7381	0.18%	0.018%
74	19.369	2765	2771	2778	rBV	31496	46952	1.13%	0.112%
75	19.622	2808	2814	2821	rVB	25825	43301	1.04%	0.103%
76	19.733	2824	2833	2844	rBV	2743961	3999107	95.87%	9.497%
77	19.951	2868	2870	2872	rBV3	5347	4821	0.12%	0.011%
78	20.174	2906	2908	2911	rBV4	4159	4880	0.12%	0.012%
79	20.197	2911	2912	2920	rBV8	4799	10835	0.26%	0.026%
80	20.256	2920	2922	2924	rBV3	5607	5927	0.14%	0.014%
81	20.315	2928	2932	2937	rBV6	5598	13223	0.32%	0.031%
82	20.397	2944	2946	2950	rVB5	5364	5502	0.13%	0.013%
83	20.544	2969	2971	2973	rBV3	6091	7605	0.18%	0.018%
84	20.626	2982	2985	2988	rVB5	6136	4938	0.12%	0.012%
85	21.161	3073	3076	3080	rVB5	8575	10331	0.25%	0.025%
86	21.243	3088	3090	3092	rBV3	8117	7818	0.19%	0.019%
87	21.596	3142	3150	3162	rBV	1276358	2037867	48.85%	4.840%
88	22.365	3277	3281	3286	rBV6	17848	29545	0.71%	0.070%
89	23.035	3389	3395	3404	rVB4	43923	95587	2.29%	0.227%
90	23.823	3521	3529	3539	rBV2	58860	135438	3.25%	0.322%
91	24.539	3639	3651	3676	rBV2	1424105	4171267	100.00%	9.906%
92	24.757	3676	3688	3707	rVB2	744496	2293395	54.98%	5.446%
93	24.968	3722	3724	3726	rBV3	8082	10359	0.25%	0.025%
94	25.726	3852	3853	3857	rVB4	7675	8097	0.19%	0.019%
95	25.832	3863	3871	3883	rBV4	83563	233995	5.61%	0.556%
96	26.108	3915	3918	3929	rVB4	13751	37604	0.90%	0.089%
97	27.154	4085	4096	4107	rBV4	84359	284102	6.81%	0.675%
98	28.734	4353	4365	4381	rVB5	59104	251482	6.03%	0.597%
99	30.656	4679	4692	4709	rVB6	50780	241924	5.80%	0.575%
100	31.425	4821	4823	4827	rBV4	8333	11227	0.27%	0.027%

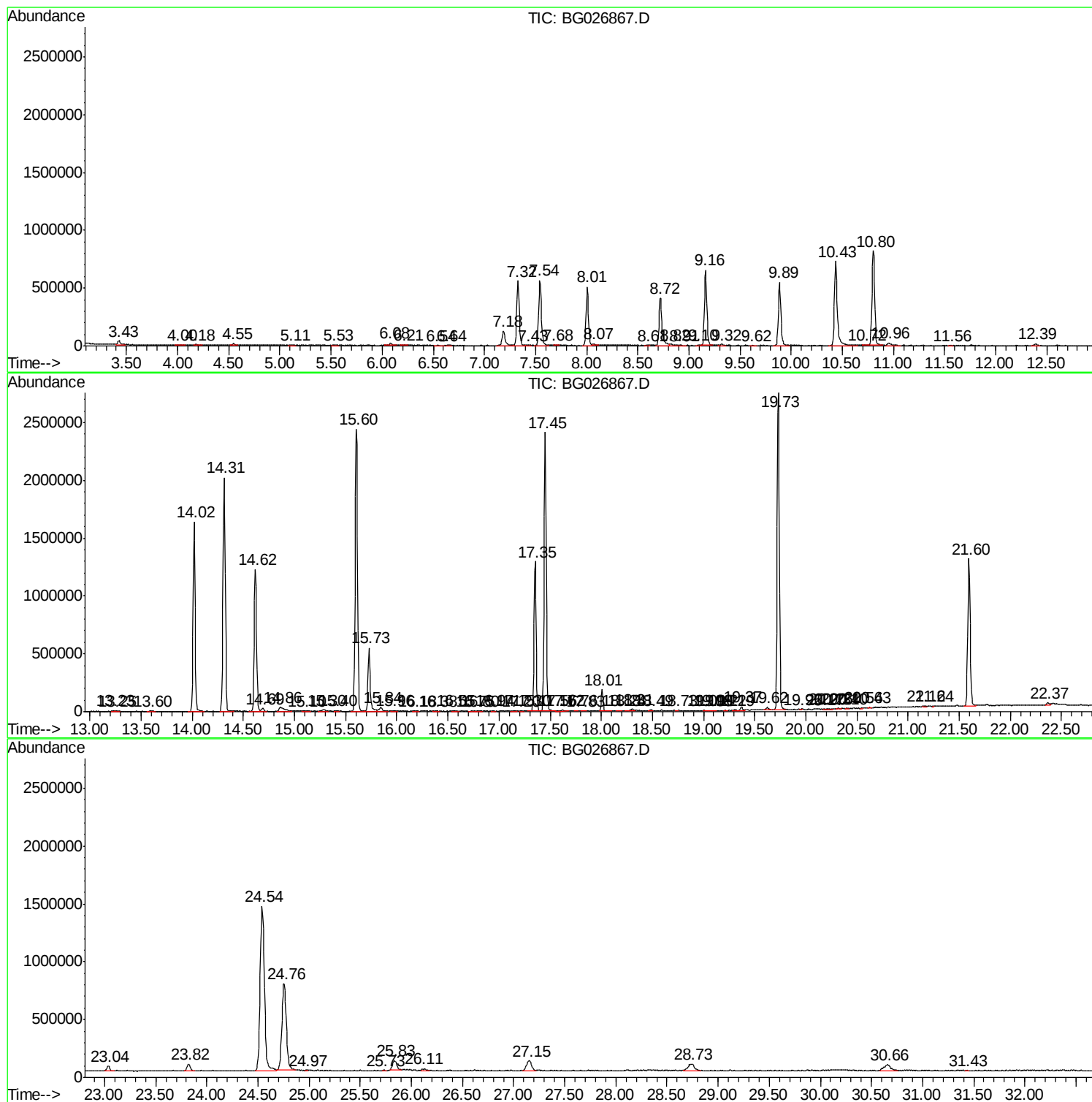
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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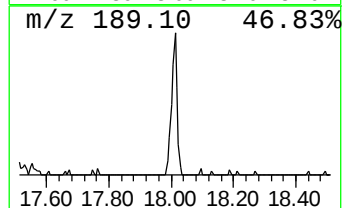
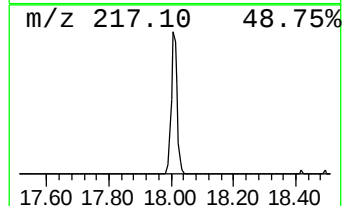
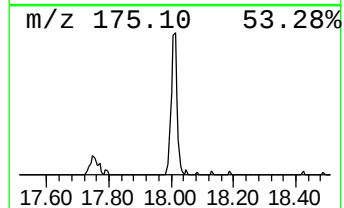
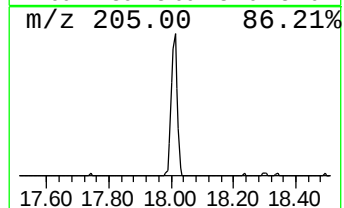
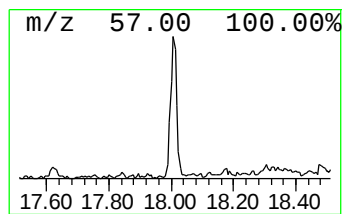
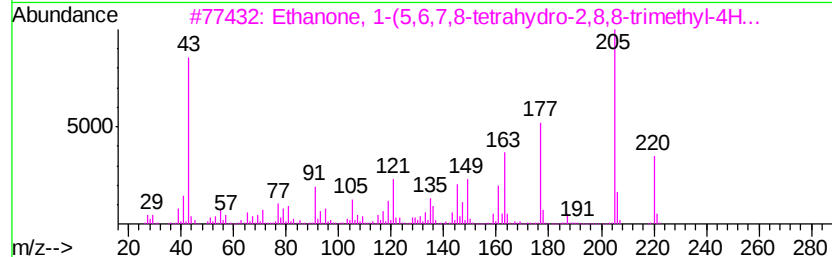
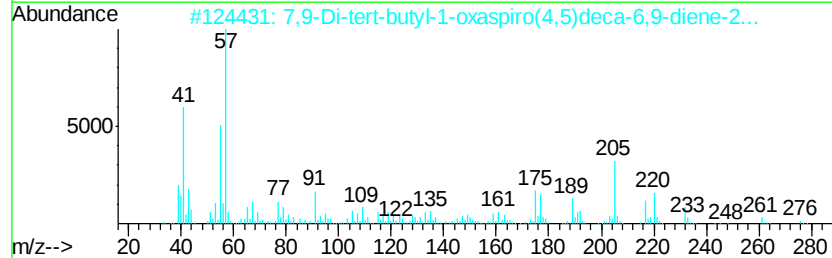
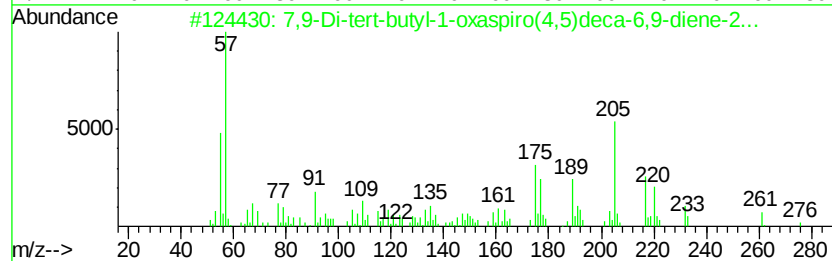
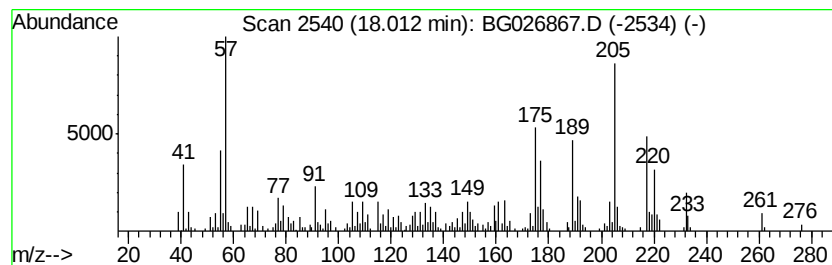
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.			
18.01	2.71 ng/ul	261716	Phenanthrene-d10	17.35			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99		
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	93		
3	Ethanone, 1-(5,6,7,8-tetrahydro-	220	C14H20O2	071596-88-8	38		
4	2H-2a,7-Methanoazuleno[5,6-b]oxi...	220	C15H24O	029597-36-2	38		
5	3H-Cyclopenta[1,3]cyclopropa[1,2...	220	C14H20O2	066708-18-7	30		



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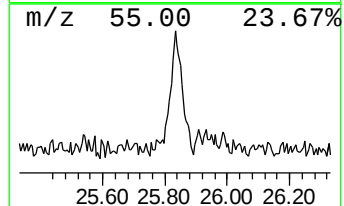
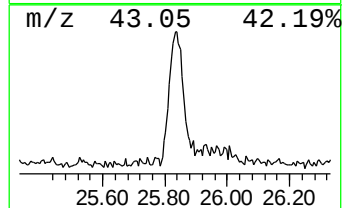
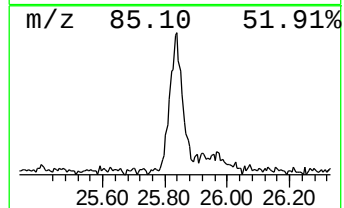
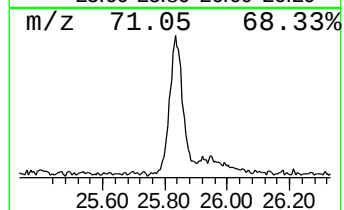
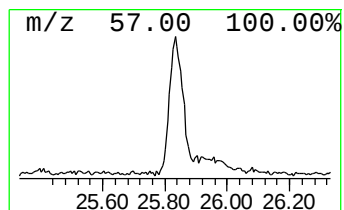
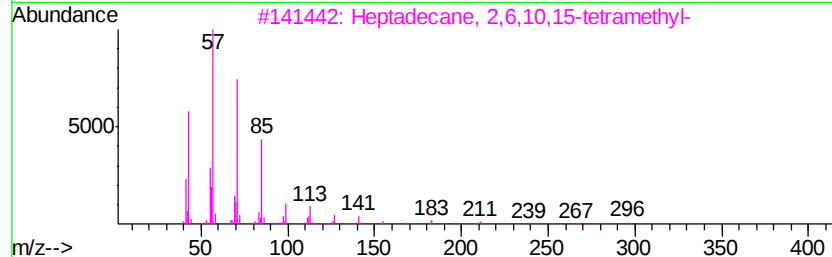
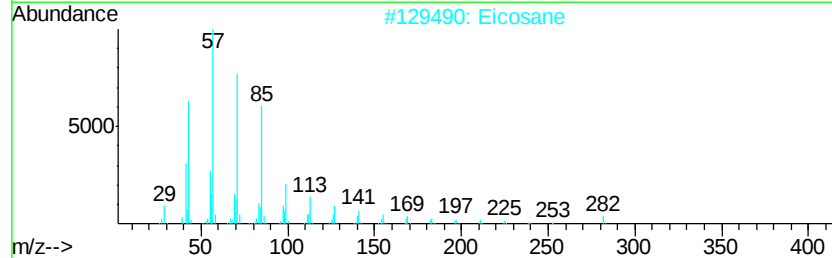
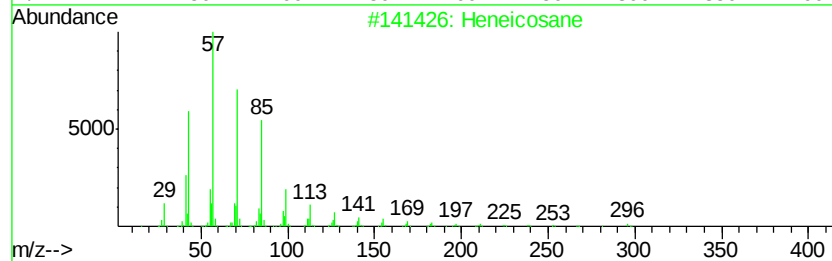
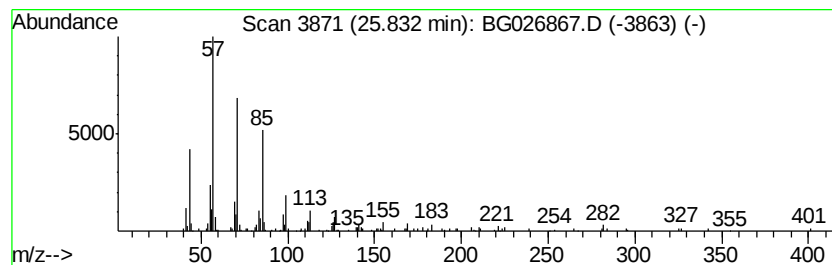
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	2.04 ng/ul	233995	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Eicosane	282	C20H42	000112-95-8	93
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4		Eicosane	282	C20H42	000112-95-8	89
5		Heneicosane	296	C21H44	000629-94-7	87



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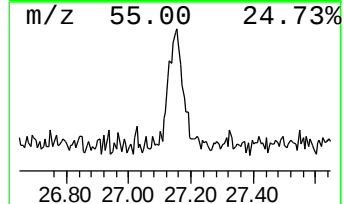
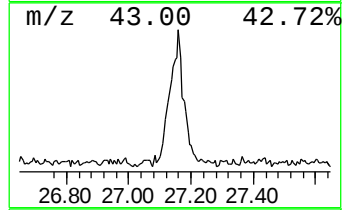
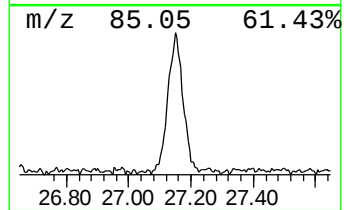
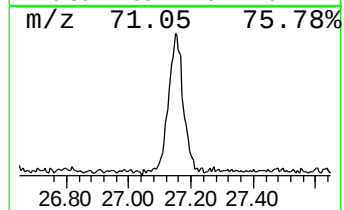
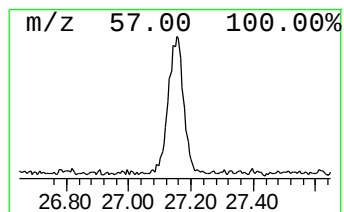
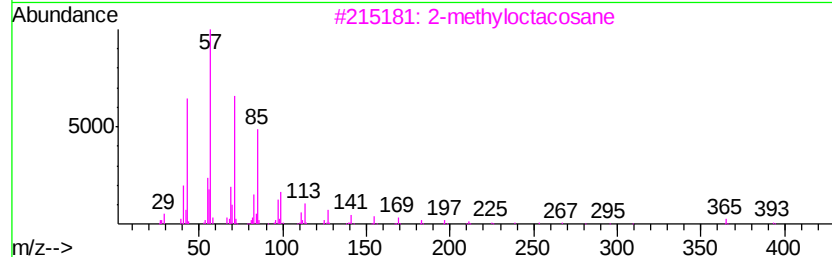
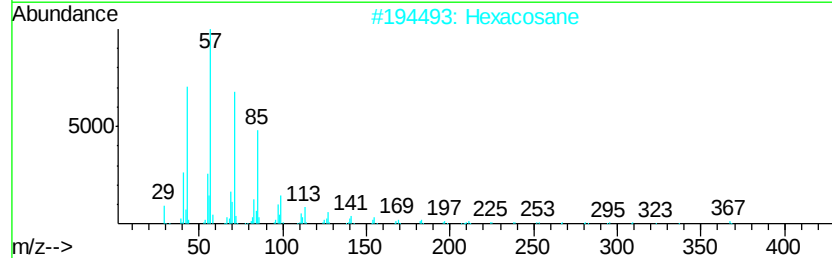
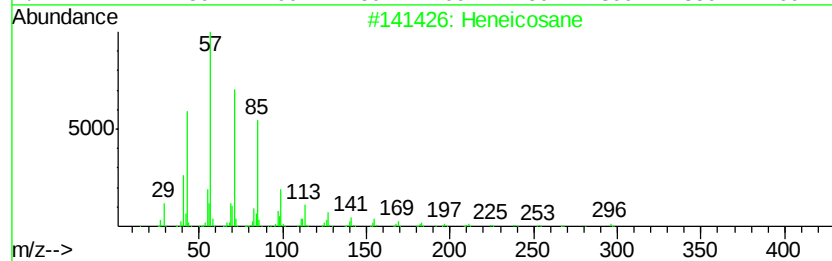
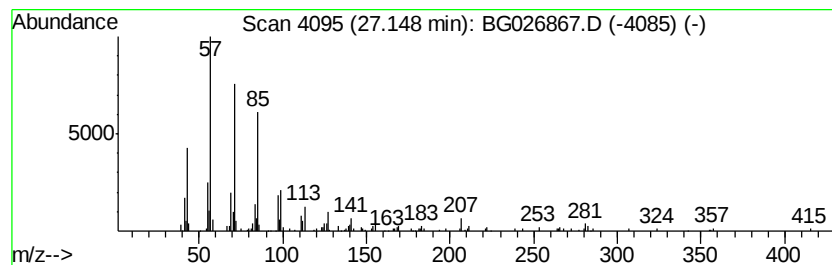
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	2.48 ng/ul	284102	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hexacosane	366	C26H54	000630-01-3	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050417\
Data File : BG026867.D
Acq On : 4 May 2017 11:31
Operator : SJ/MA
Sample : I2842-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCA5

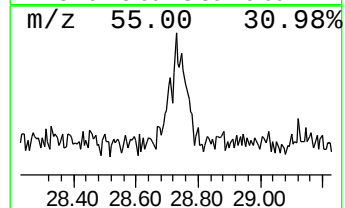
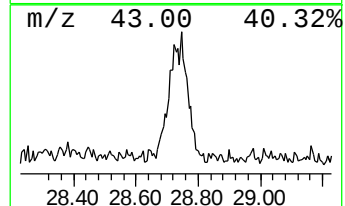
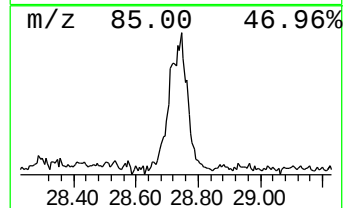
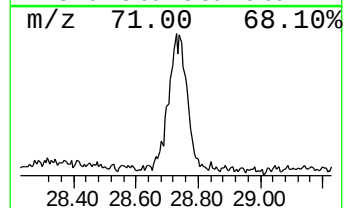
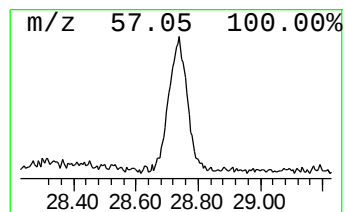
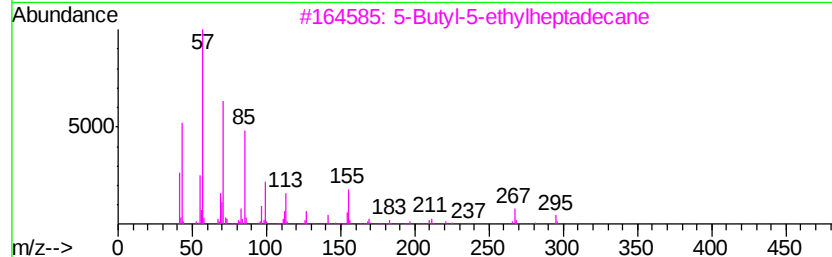
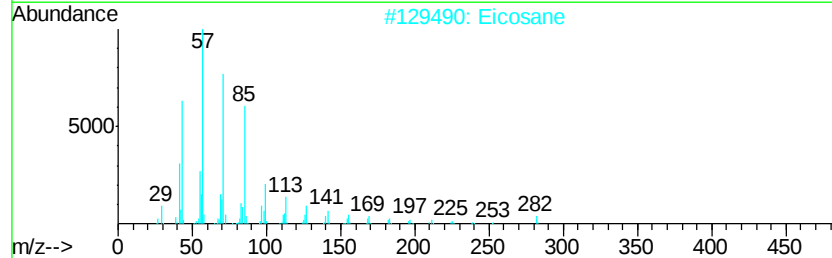
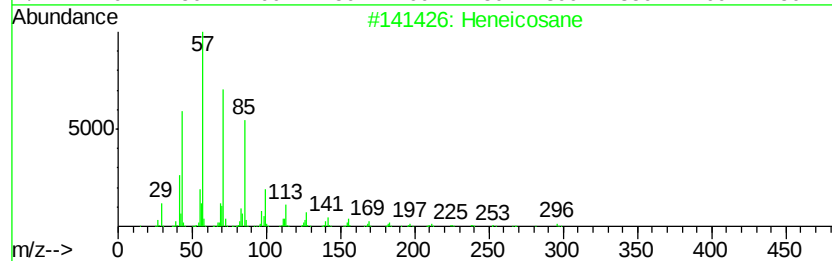
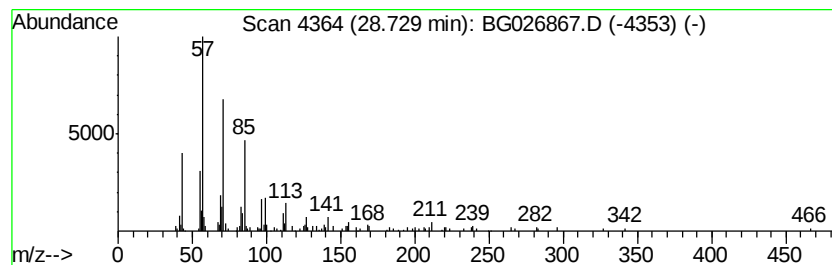
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.73	2.19 ng/ul	251482	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Eicosane	282	C20H42	000112-95-8	91
3		5-Butyl-5-ethylheptadecane	324	C23H48	1000360-43-0	83
4		Eicosane	282	C20H42	000112-95-8	81
5		Tetratetracontane	619	C44H90	007098-22-8	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050417\
Data File : BG026867.D
Acq On : 4 May 2017 11:31
Operator : SJ/MA
Sample : I2842-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCA5

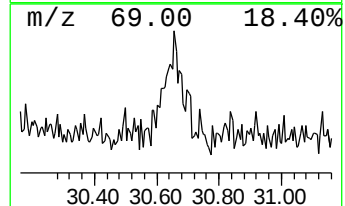
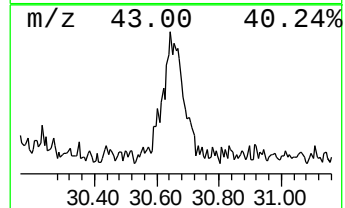
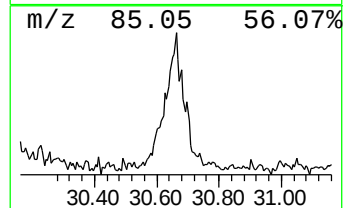
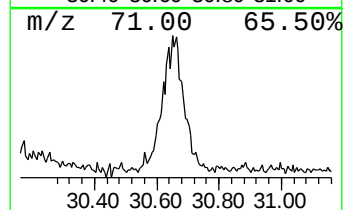
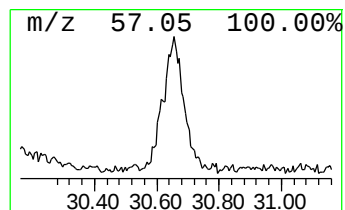
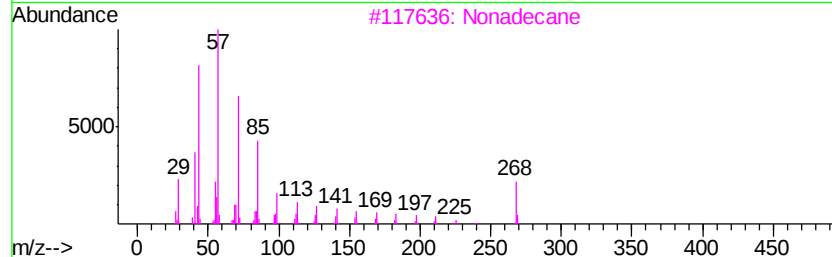
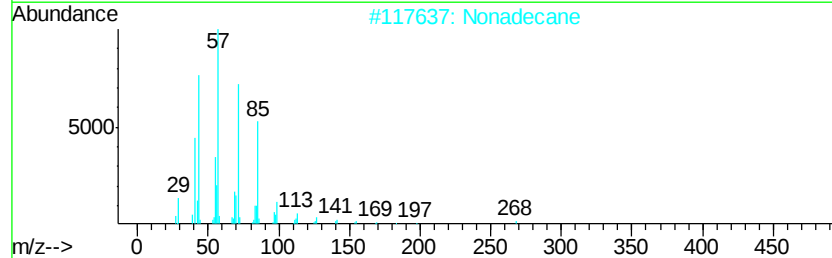
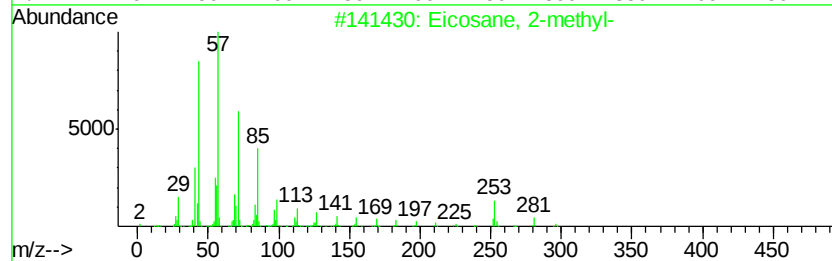
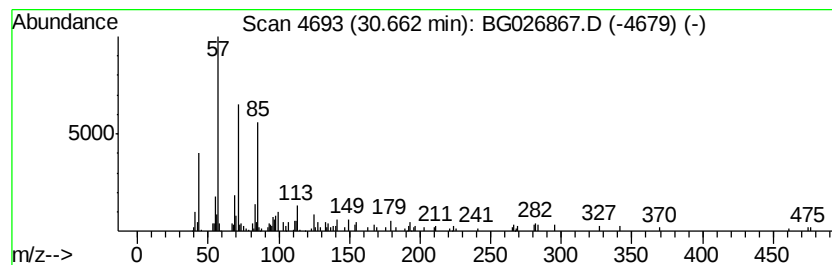
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.66	2.11 ng/ul	241924	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	93
2		Nonadecane	268	C19H40	000629-92-5	90
3		Nonadecane	268	C19H40	000629-92-5	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050417\
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Sample : I2842-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDCA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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...	18.01	2.7	ng/ul	261716	4	17.35	1934020	20.0
(DEL) Alkane: Str...	25.83	2.0	ng/ul	233995	6	24.76	2293400	20.0
(DEL) Alkane: Str...	27.15	2.5	ng/ul	284102	6	24.76	2293400	20.0
(DEL) Alkane: Str...	28.73	2.2	ng/ul	251482	6	24.76	2293400	20.0
(DEL) Alkane: Str...	30.66	2.1	ng/ul	241924	6	24.76	2293400	20.0