

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
 Data File : BG028261.D
 Acq On : 10 Aug 2017 16:45
 Operator : SJ/JU
 Sample : I4630-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA2

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	3.843	39	43	50	rVB2	9890	15778	0.91%	0.105%
2	3.995	67	69	75	rVB4	2778	3554	0.20%	0.024%
3	4.072	76	82	88	rVV3	1545	3342	0.19%	0.022%
4	4.119	88	90	98	rVB2	1251	2310	0.13%	0.015%
5	4.266	113	115	121	rBV3	2240	2654	0.15%	0.018%
6	4.548	162	163	171	rBV4	1663	2804	0.16%	0.019%
7	4.800	204	206	210	rBV2	1921	2734	0.16%	0.018%
8	5.470	312	320	326	rVB4	4153	8332	0.48%	0.055%
9	5.676	353	355	364	rVB4	2356	4190	0.24%	0.028%
10	5.764	367	370	376	rBV3	1698	2606	0.15%	0.017%
11	5.823	379	380	388	rBV4	1444	3111	0.18%	0.021%
12	6.116	425	430	431	rBV2	1769	2716	0.16%	0.018%
13	6.193	440	443	449	rBV3	1679	2335	0.13%	0.016%
14	6.498	490	495	499	rBV3	1296	2661	0.15%	0.018%
15	7.151	600	606	611	rVB	1818	2968	0.17%	0.020%
16	7.403	645	649	653	rVB3	1697	2243	0.13%	0.015%
17	7.503	657	666	678	rBV3	42587	87796	5.05%	0.583%
18	7.668	685	694	707	rBV	129902	230785	13.28%	1.533%
19	7.885	722	731	747	rBV	144602	267419	15.39%	1.777%
20	8.355	801	811	820	rVB	139322	248009	14.27%	1.648%
21	8.614	849	855	862	rVB3	1412	3547	0.20%	0.024%
22	8.913	902	906	911	rVB	1602	2440	0.14%	0.016%
23	9.042	918	928	945	rVB	115985	220626	12.70%	1.466%
24	9.319	970	975	977	rBV	1752	2531	0.15%	0.017%
25	9.518	999	1009	1019	rBV	174129	333038	19.17%	2.212%
26	10.241	1125	1132	1144	rVB	147985	290184	16.70%	1.928%
27	10.787	1215	1225	1238	rBV	193345	390223	22.46%	2.592%
28	11.087	1273	1276	1280	rBV3	1776	2648	0.15%	0.018%
29	11.169	1283	1290	1301	rVB2	200286	367277	21.14%	2.440%
30	11.957	1417	1424	1426	rBV	1446	3003	0.17%	0.020%
31	12.744	1548	1558	1561	rBV4	2835	6791	0.39%	0.045%
32	12.903	1579	1585	1590	rVB2	1305	2392	0.14%	0.016%
33	13.179	1629	1632	1639	rVB2	1370	2901	0.17%	0.019%
34	13.420	1668	1673	1677	rBV	1298	2556	0.15%	0.017%

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35	14.348	1822	1831	1840	rBV	487861	734301	42.26%	4.878%
36	14.654	1875	1883	1895	rBV	472715	766230	44.10%	5.090%
37	14.959	1926	1935	1943	rVB2	340366	558219	32.13%	3.708%
38	15.153	1960	1968	1982	rBV4	34324	85799	4.94%	0.570%
39	15.370	2002	2005	2010	rVB2	1855	3180	0.18%	0.021%
40	15.435	2010	2016	2018	rBV2	1411	2674	0.15%	0.018%
41	15.746	2061	2069	2070	rBV2	2172	3245	0.19%	0.022%
42	15.946	2093	2103	2113	rBV	681843	1080359	62.18%	7.177%
43	16.058	2115	2122	2136	rBV	289108	460044	26.48%	3.056%
44	16.187	2141	2144	2154	rVB5	7786	12796	0.74%	0.085%
45	17.239	2319	2323	2328	rVB	1665	2364	0.14%	0.016%
46	17.491	2362	2366	2371	rVB	2210	3625	0.21%	0.024%
47	17.568	2374	2379	2384	rBV4	1572	3670	0.21%	0.024%
48	17.709	2394	2403	2411	rBV2	492162	786245	45.25%	5.223%
49	17.809	2411	2420	2435	rBV2	853868	1367504	78.70%	9.085%
50	17.956	2443	2445	2450	rBV2	2874	3383	0.19%	0.022%
51	17.997	2450	2452	2457	rVB2	1877	2397	0.14%	0.016%
52	18.038	2457	2459	2466	rBV3	1801	4318	0.25%	0.029%
53	18.097	2466	2469	2473	rVB2	1656	2290	0.13%	0.015%
54	18.367	2509	2515	2520	rVB2	1907	4068	0.23%	0.027%
55	18.567	2545	2549	2553	rBV5	3352	4305	0.25%	0.029%
56	18.825	2585	2593	2595	rBV5	2380	3795	0.22%	0.025%
57	19.031	2624	2628	2633	rBV2	1914	3727	0.21%	0.025%
58	19.448	2696	2699	2701	rBV3	2262	2468	0.14%	0.016%
59	19.577	2717	2721	2722	rBV2	3002	2700	0.16%	0.018%
60	19.642	2730	2732	2735	rVB3	2770	3096	0.18%	0.021%
61	19.712	2737	2744	2750	rVB3	12266	18465	1.06%	0.123%
62	19.753	2750	2751	2756	rBV2	2430	2287	0.13%	0.015%
63	19.824	2756	2763	2769	rBV4	6759	14670	0.84%	0.097%
64	19.871	2769	2771	2775	rBV5	2320	3224	0.19%	0.021%
65	19.965	2783	2787	2792	rBV	8338	14961	0.86%	0.099%
66	20.082	2797	2807	2816	rBV	1146441	1737549	100.00%	11.543%
67	20.223	2826	2831	2834	rBV6	2732	4831	0.28%	0.032%
68	20.470	2871	2873	2876	rBV4	2673	2557	0.15%	0.017%
69	20.735	2916	2918	2920	rBV3	3475	2305	0.13%	0.015%
70	20.799	2925	2929	2932	rBV5	3073	6733	0.39%	0.045%
71	20.835	2934	2935	2938	rVB3	5139	3790	0.22%	0.025%

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72	21.117	2982	2983	2990	rBV7	3798	8860	0.51%	0.059%
73	21.387	3008	3029	3053	rBV4	47442	259356	14.93%	1.723%
74	21.604	3065	3066	3074	rVB6	3869	6358	0.37%	0.042%
75	21.675	3076	3078	3080	rBV3	5853	3330	0.19%	0.022%
76	22.033	3131	3139	3152	rBV	554714	1025434	59.02%	6.812%
77	22.192	3162	3166	3171	rVB6	5865	9469	0.54%	0.063%
78	22.474	3212	3214	3220	rBV7	4034	6188	0.36%	0.041%
79	22.785	3266	3267	3272	rBV5	5065	7208	0.41%	0.048%
80	22.844	3273	3277	3281	rVB4	9747	13220	0.76%	0.088%
81	23.214	3338	3340	3345	rBV6	3851	6043	0.35%	0.040%
82	23.590	3397	3404	3409	rBV5	17958	36033	2.07%	0.239%
83	24.307	3525	3526	3536	rVB9	5622	11464	0.66%	0.076%
84	24.460	3545	3552	3562	rVB4	25739	54359	3.13%	0.361%
85	24.689	3575	3591	3595	rBV6	29421	114519	6.59%	0.761%
86	25.300	3682	3695	3712	rBV2	538372	1671025	96.17%	11.101%
87	25.535	3720	3735	3749	rVB2	314475	1053245	60.62%	6.997%
88	25.705	3761	3764	3765	rBV3	4503	4775	0.27%	0.032%
89	26.722	3926	3937	3952	rBV3	42194	139255	8.01%	0.925%
90	27.486	4066	4067	4069	rBV2	5785	4341	0.25%	0.029%
91	27.762	4111	4114	4116	rBV5	3416	3489	0.20%	0.023%
92	28.185	4176	4186	4202	rVB4	38914	138294	7.96%	0.919%
93	28.332	4209	4211	4212	rBV2	4029	2848	0.16%	0.019%
94	29.677	4437	4440	4443	rBV5	5102	6158	0.35%	0.041%
95	29.959	4480	4488	4509	rVB6	29217	127758	7.35%	0.849%
96	31.493	4743	4749	4751	rBV7	5917	12390	0.71%	0.082%
97	31.645	4773	4775	4777	rBV3	6570	6020	0.35%	0.040%
98	31.851	4808	4810	4814	rBV4	4793	7326	0.42%	0.049%
99	32.121	4843	4856	4857	rBV6	23141	63919	3.68%	0.425%
100	32.427	4905	4908	4910	rBV3	4099	3751	0.22%	0.025%

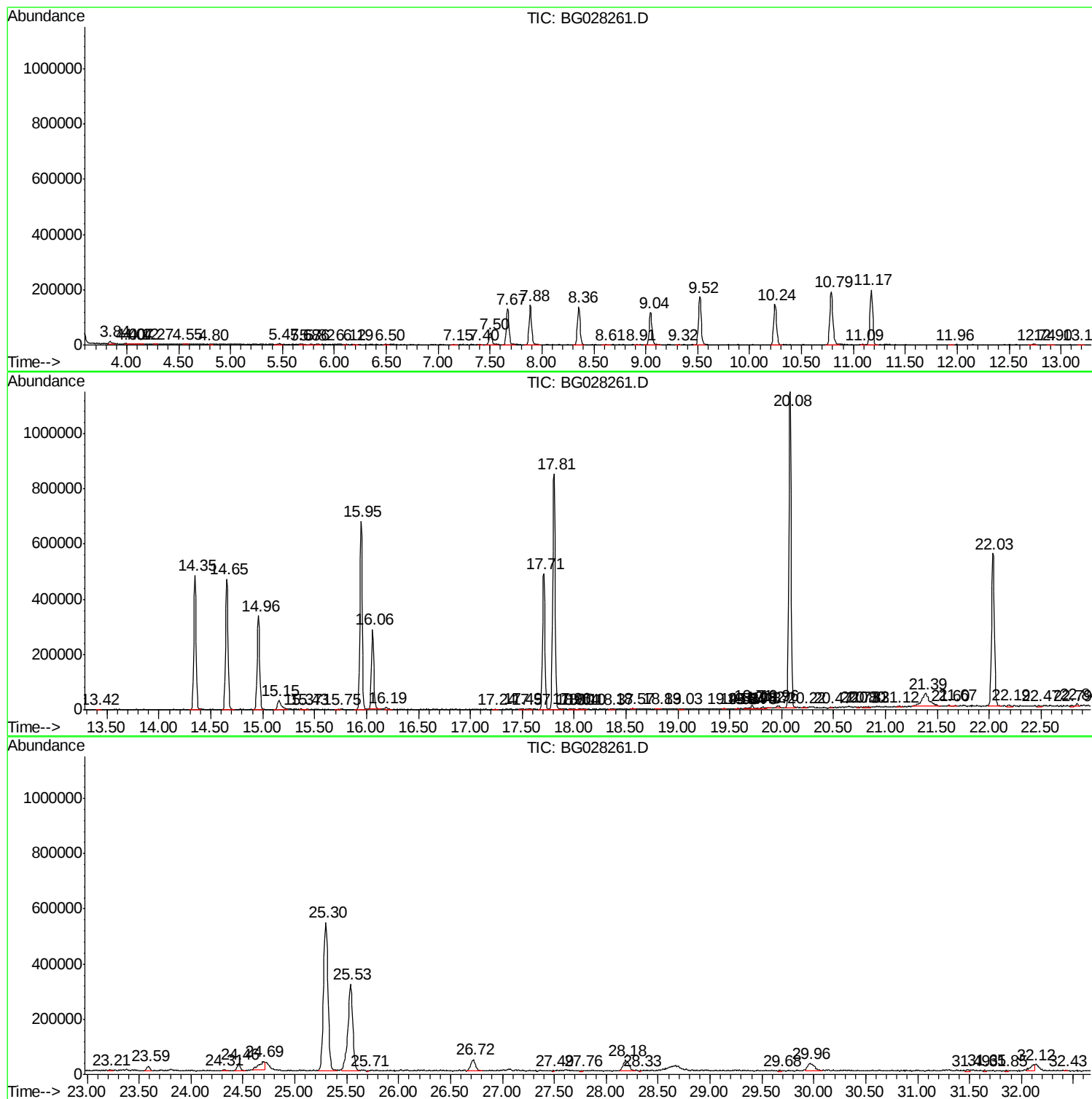
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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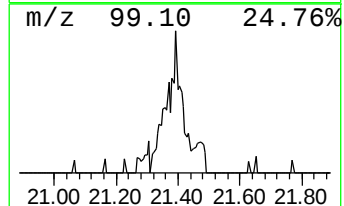
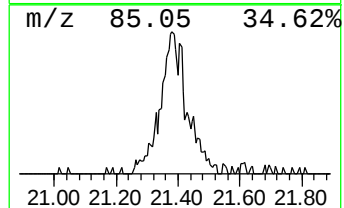
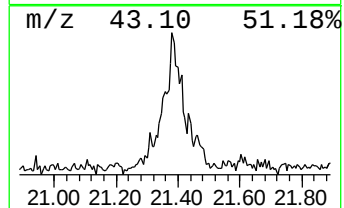
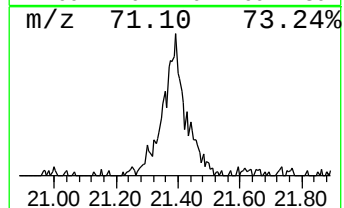
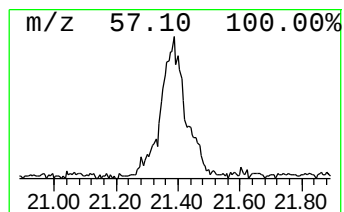
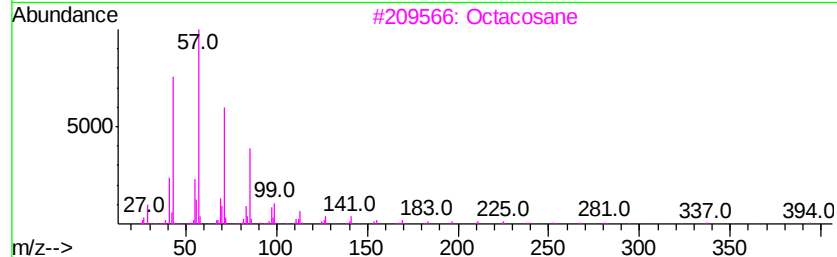
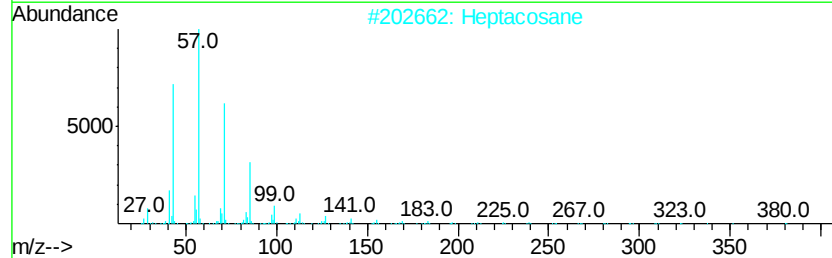
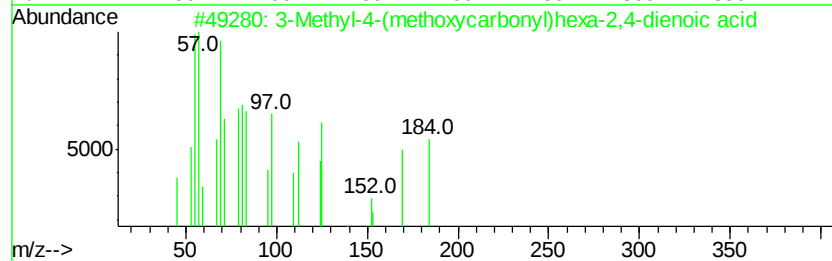
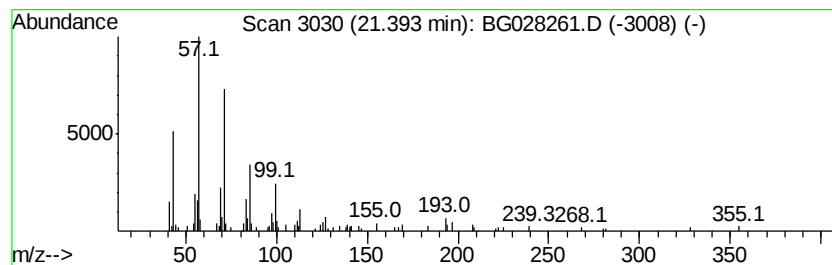
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 3-Methyl-4-(methoxycarbonyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
21.39	5.06 ng/ul	259356	Chrysene-d12		22.03		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	91
2			Heptacosane	380	C27H56	000593-49-7	80
3			Octacosane	394	C28H58	000630-02-4	74
4			Heptadecane	240	C17H36	000629-78-7	72
5			Hexadecane	226	C16H34	000544-76-3	72



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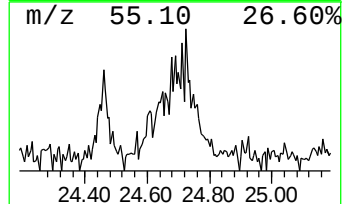
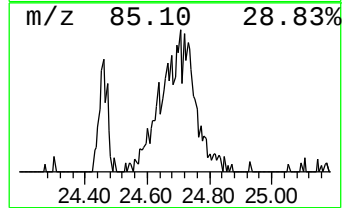
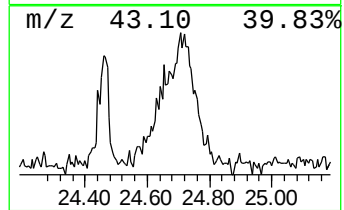
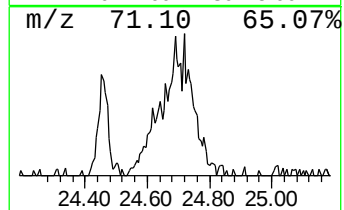
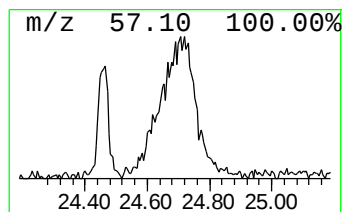
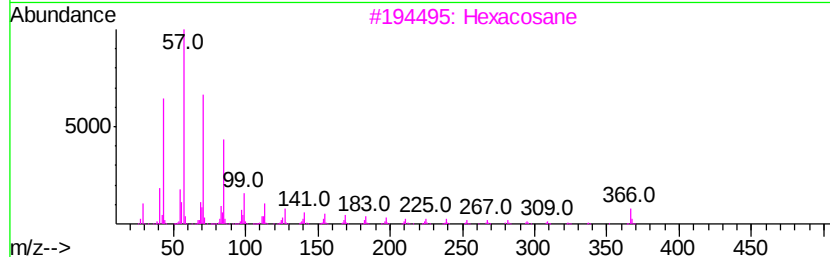
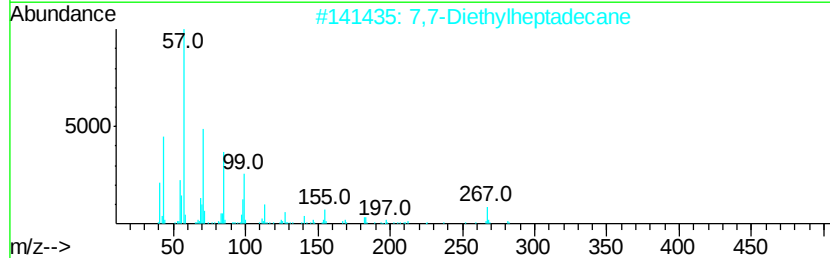
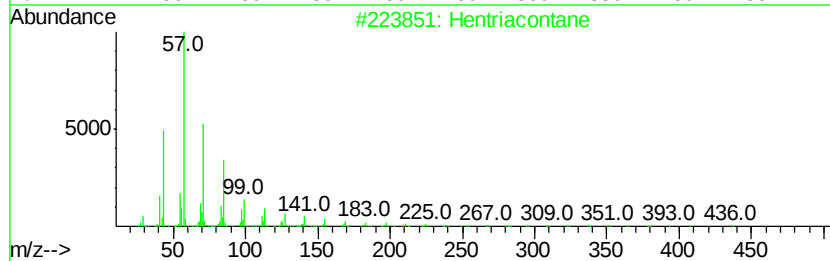
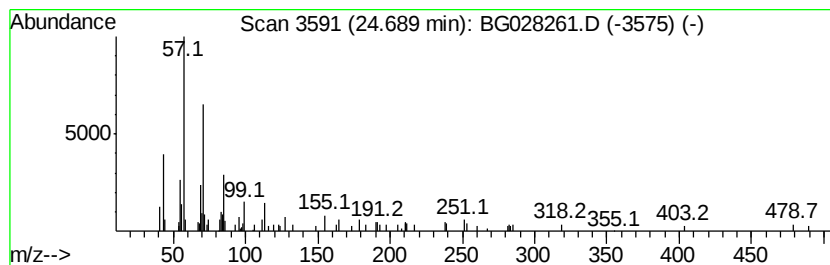
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.69	2.17 ng/ul	114519	Perylene-d12	25.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	53
2	7,7-Diethylheptadecane	296	C21H44	1000360-41-5	50
3	Hexacosane	366	C26H54	000630-01-3	50
4	Hexacosane	366	C26H54	000630-01-3	50
5	Squalane	422	C30H62	000111-01-3	50



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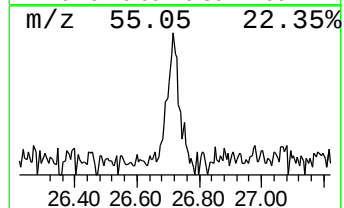
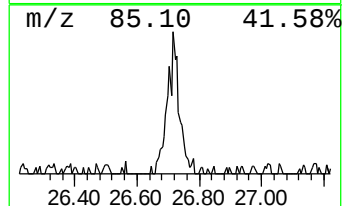
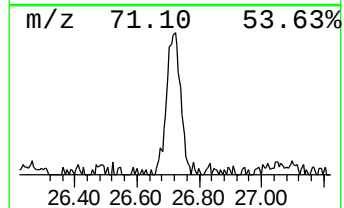
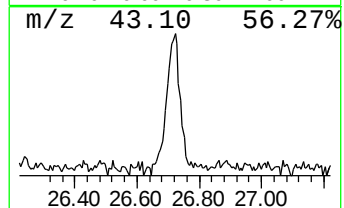
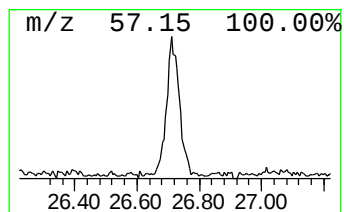
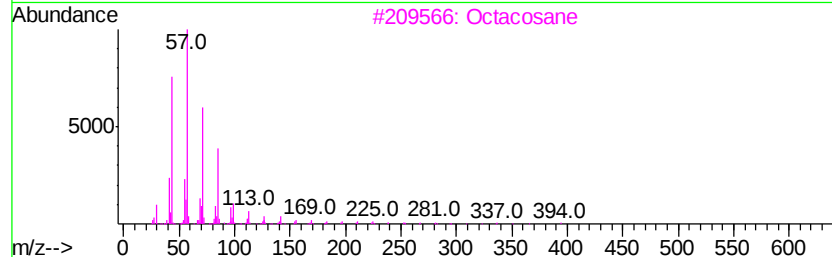
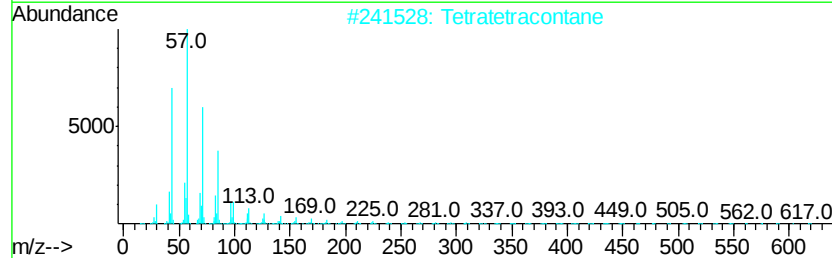
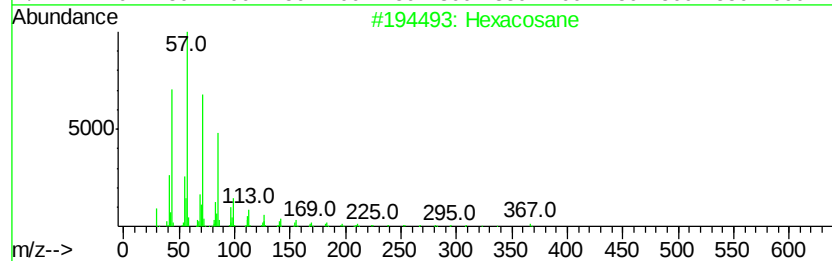
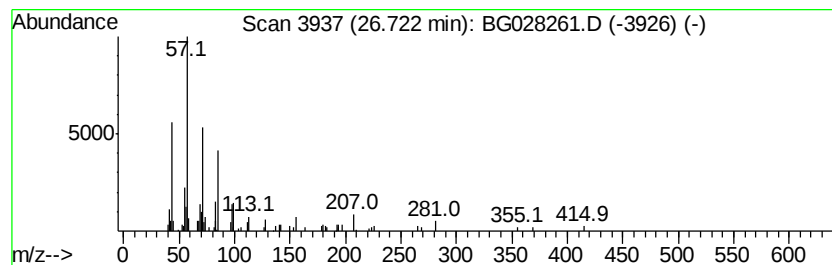
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.72	2.64 ng/ul	139255	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	83
2		Tetratetracontane	619	C44H90	007098-22-8	83
3		Octacosane	394	C28H58	000630-02-4	83
4		Tetratetracontane	619	C44H90	007098-22-8	83
5		Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028261.D
Acq On : 10 Aug 2017 16:45
Operator : SJ/JU
Sample : I4630-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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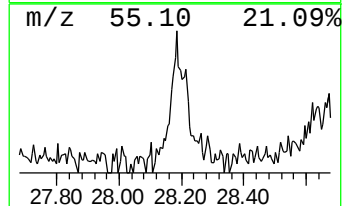
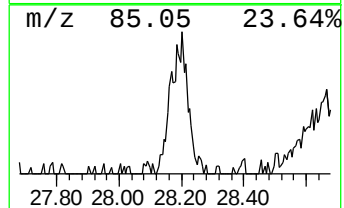
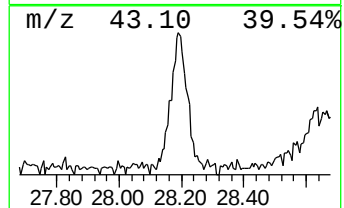
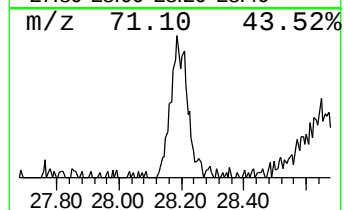
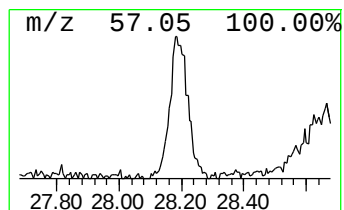
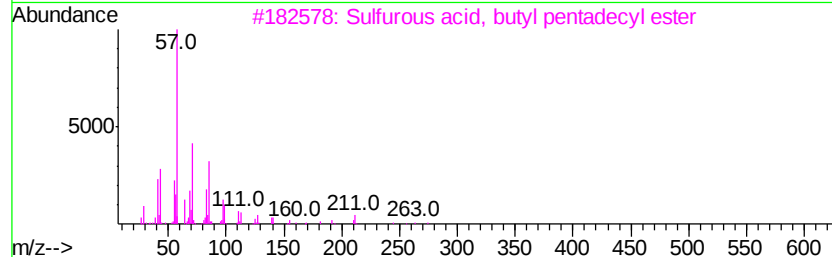
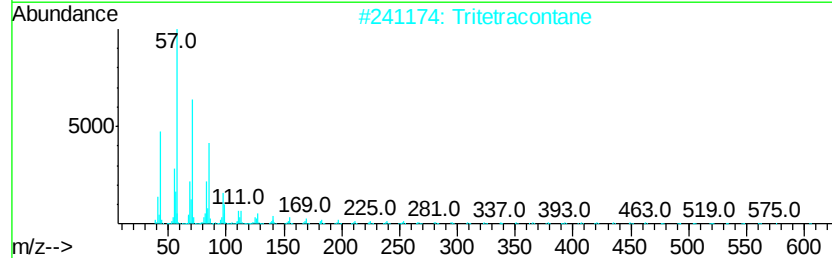
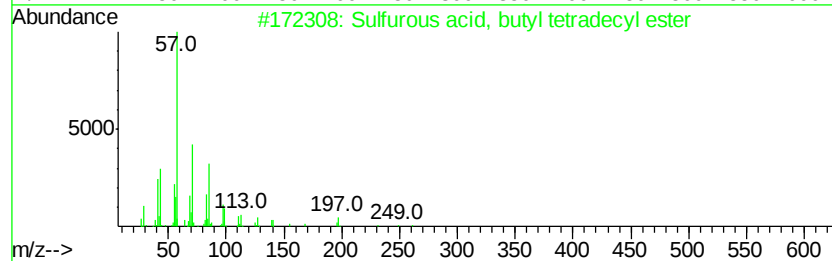
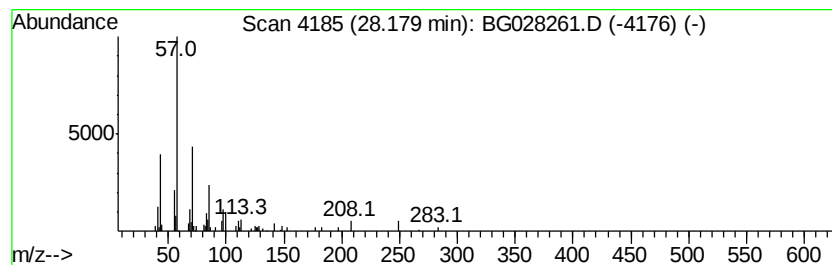
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.18	2.63 ng/ul	138294	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	87
2		Tritetracontane	605	C43H88	007098-21-7	86
3		Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	86
4		Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	86
5		Hentriacontane	437	C31H64	000630-04-6	86



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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA2

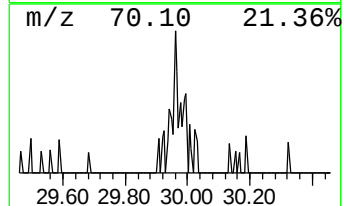
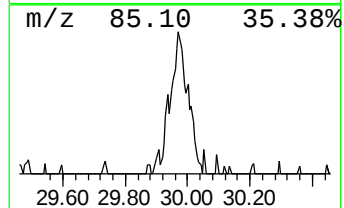
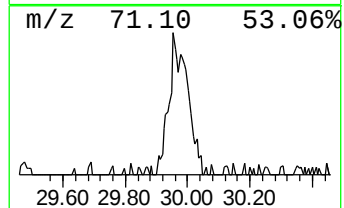
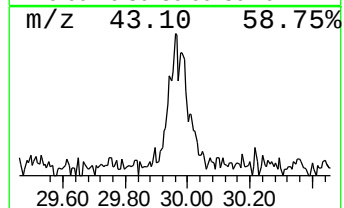
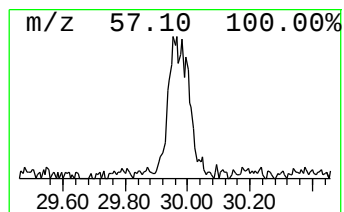
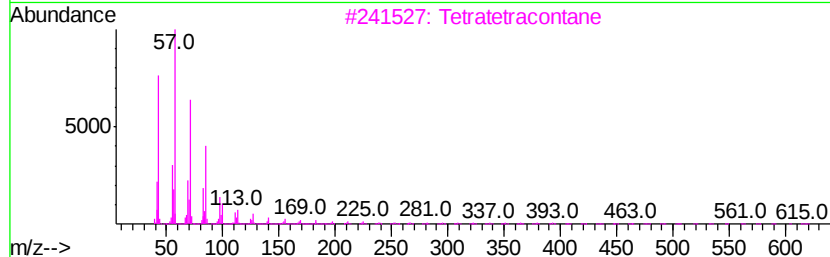
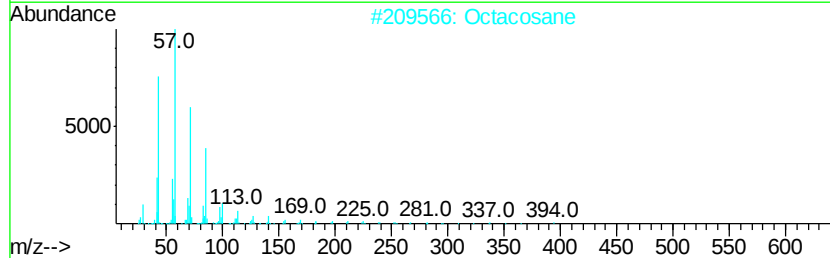
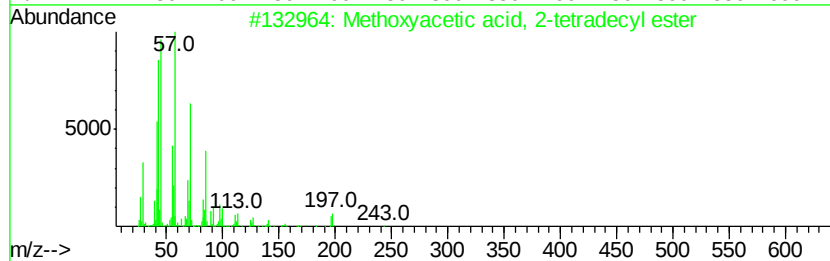
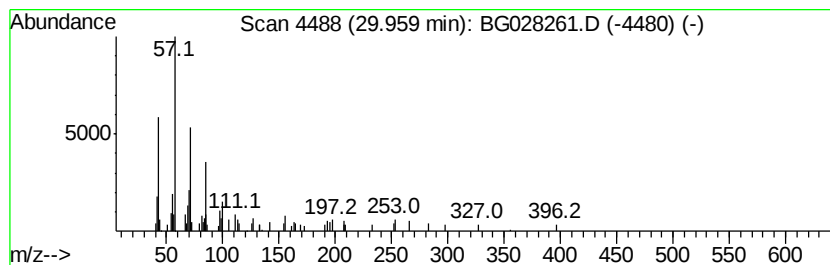
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Methoxyacetic acid, 2-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.96	2.43 ng/ul	127758	Perylene-d12	25.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methoxvacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	58
2		Octacosane	394	C28H58	000630-02-4	58
3		Tetratetracontane	619	C44H90	007098-22-8	58
4		Tetracosane	338	C24H50	000646-31-1	58
5		Tricosane	324	C23H48	000638-67-5	53



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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA2

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
3-Methyl-4-(metho...	21.39	5.1	ng/ul	259356	5	22.03	1025430	20.0
(DEL) Alkane: Str...	24.69	2.2	ng/ul	114519	6	25.53	1053250	20.0
(DEL) Alkane: Str...	26.72	2.6	ng/ul	139255	6	25.53	1053250	20.0
Sulfurous acid, b...	28.18	2.6	ng/ul	138294	6	25.53	1053250	20.0
Methoxyacetic aci...	29.96	2.4	ng/ul	127758	6	25.53	1053250	20.0