

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\
 Data File : BG028133.D
 Acq On : 3 Aug 2017 9:35
 Operator : SJ/JU
 Sample : I4405-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JJ2X9

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	3.853	42	45	53	rBV4	3949	5677	0.52%	0.046%
2	4.593	167	171	177	rBV4	2525	3918	0.36%	0.032%
3	4.781	197	203	210	rVB4	5034	9624	0.88%	0.079%
4	4.846	210	214	216	rBV4	1650	2122	0.19%	0.017%
5	5.175	268	270	277	rVB6	2853	4320	0.40%	0.035%
6	5.463	316	319	326	rBV3	2040	5230	0.48%	0.043%
7	5.609	340	344	347	rVB3	1651	2283	0.21%	0.019%
8	7.002	576	581	584	rBV2	1402	2403	0.22%	0.020%
9	7.049	586	589	593	rVB2	1747	2316	0.21%	0.019%
10	7.513	659	668	682	rBV3	85511	193238	17.69%	1.582%
11	7.678	689	696	705	rBV	64356	113879	10.42%	0.932%
12	7.748	705	708	712	rVV4	1875	2551	0.23%	0.021%
13	7.783	712	714	722	rVB4	2221	3901	0.36%	0.032%
14	7.901	722	734	749	rBV2	78234	151700	13.88%	1.242%
15	8.224	784	789	793	rVB	1530	2150	0.20%	0.018%
16	8.365	801	813	825	rVB	143160	264267	24.19%	2.164%
17	8.618	851	856	860	rVB4	1432	2585	0.24%	0.021%
18	9.053	923	930	943	rBV2	110926	210770	19.29%	1.726%
19	9.205	950	956	961	rVB5	2063	4297	0.39%	0.035%
20	9.528	1001	1011	1025	rBV	97715	190337	17.42%	1.559%
21	9.669	1031	1035	1040	rBV3	1585	2343	0.21%	0.019%
22	9.899	1071	1074	1079	rBV2	1688	2140	0.20%	0.018%
23	10.257	1126	1135	1144	rBV3	70885	140389	12.85%	1.150%
24	10.339	1144	1149	1153	rVB4	3229	5554	0.51%	0.045%
25	10.580	1185	1190	1194	rBV	1281	2392	0.22%	0.020%
26	10.692	1206	1209	1216	rVB2	1343	2175	0.20%	0.018%
27	10.798	1216	1227	1239	rBV	112400	229658	21.02%	1.881%
28	10.956	1246	1254	1258	rBV2	1202	2775	0.25%	0.023%
29	11.103	1276	1279	1285	rVB2	1487	2203	0.20%	0.018%
30	11.185	1285	1293	1305	rVB	237798	456261	41.76%	3.736%
31	11.315	1308	1315	1329	rBV2	81789	172824	15.82%	1.415%
32	11.456	1334	1339	1344	rVB3	1534	2489	0.23%	0.020%
33	11.796	1394	1397	1404	rBV3	1091	2064	0.19%	0.017%
34	12.343	1485	1490	1493	rBV2	1264	2435	0.22%	0.020%

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35	12.548	1520	1525	1530	rBV4	1467	2548	0.23%	0.021%
36	12.631	1535	1539	1544	rBV2	2244	2850	0.26%	0.023%
37	12.748	1549	1559	1563	rBV4	2356	4967	0.45%	0.041%
38	13.324	1655	1657	1664	rVB2	2706	2972	0.27%	0.024%
39	13.571	1694	1699	1701	rVB3	2770	3808	0.35%	0.031%
40	13.688	1713	1719	1722	rVB2	1413	2066	0.19%	0.017%
41	13.776	1728	1734	1738	rBV5	2130	4612	0.42%	0.038%
42	14.282	1816	1820	1823	rBV3	2221	2907	0.27%	0.024%
43	14.358	1826	1833	1838	rBV	310706	457582	41.88%	3.747%
44	14.405	1838	1841	1848	rVB2	83197	119627	10.95%	0.980%
45	14.528	1858	1862	1868	rVB2	1799	3960	0.36%	0.032%
46	14.587	1868	1872	1877	rBV2	2117	5020	0.46%	0.041%
47	14.664	1877	1885	1898	rVV	320244	530451	48.55%	4.344%
48	14.828	1904	1913	1918	rVB3	6226	10223	0.94%	0.084%
49	14.910	1921	1927	1930	rBV3	2320	3678	0.34%	0.030%
50	14.969	1930	1937	1950	rVB2	436149	748941	68.55%	6.133%
51	15.175	1962	1972	1983	rBV6	17340	49903	4.57%	0.409%
52	15.257	1983	1986	1987	rVV2	3394	3858	0.35%	0.032%
53	15.292	1987	1992	1995	rVV6	4232	7129	0.65%	0.058%
54	15.316	1995	1996	2001	rVV5	3055	3650	0.33%	0.030%
55	15.386	2001	2008	2011	rVB2	3043	5998	0.55%	0.049%
56	15.445	2013	2018	2021	rBV2	3158	5240	0.48%	0.043%
57	15.516	2026	2030	2035	rVB5	2494	3776	0.35%	0.031%
58	15.774	2068	2074	2079	rVB3	15860	27133	2.48%	0.222%
59	15.839	2079	2085	2088	rBV7	3419	7505	0.69%	0.061%
60	15.956	2095	2105	2113	rBV	461061	736521	67.41%	6.031%
61	16.068	2118	2124	2135	rBV2	48608	83573	7.65%	0.684%
62	16.185	2137	2144	2154	rBV7	8236	21831	2.00%	0.179%
63	16.273	2157	2159	2163	rVB2	2392	2394	0.22%	0.020%
64	16.326	2165	2168	2173	rVB4	3221	4402	0.40%	0.036%
65	16.397	2175	2180	2186	rVB8	4595	8487	0.78%	0.069%
66	16.444	2186	2188	2191	rVB4	2647	2609	0.24%	0.021%
67	16.485	2191	2195	2198	rBV4	2489	3499	0.32%	0.029%
68	16.579	2208	2211	2213	rBV3	2235	2182	0.20%	0.018%
69	16.632	2215	2220	2230	rBV	25904	54087	4.95%	0.443%
70	16.908	2261	2267	2273	rVB7	2861	6077	0.56%	0.050%
71	16.979	2276	2279	2285	rBV5	5508	10591	0.97%	0.087%

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72	17.043	2287	2290	2294	rVB4	4451	4726	0.43%	0.039%
73	17.096	2295	2299	2304	rVB6	3331	6110	0.56%	0.050%
74	17.143	2304	2307	2310	rBV5	3357	4562	0.42%	0.037%
75	17.202	2316	2317	2324	rVB5	3867	5706	0.52%	0.047%
76	17.266	2325	2328	2334	rVB8	4237	5753	0.53%	0.047%
77	17.425	2344	2355	2360	rBV	20379	36022	3.30%	0.295%
78	17.478	2361	2364	2368	rBV3	6575	10285	0.94%	0.084%
79	17.719	2398	2405	2415	rBV2	628202	987837	90.41%	8.089%
80	17.819	2415	2422	2430	rVB	556129	837211	76.62%	6.855%
81	17.889	2431	2434	2441	rVB6	6518	12605	1.15%	0.103%
82	17.977	2445	2449	2454	rBV7	6372	15042	1.38%	0.123%
83	18.171	2477	2482	2486	rVB6	10141	14313	1.31%	0.117%
84	18.342	2508	2511	2519	rVB3	19311	30556	2.80%	0.250%
85	18.571	2546	2550	2555	rBV8	9382	17138	1.57%	0.140%
86	18.847	2594	2597	2601	rBV4	8775	11445	1.05%	0.094%
87	19.470	2699	2703	2706	rBV2	106097	135049	12.36%	1.106%
88	19.499	2706	2708	2719	rVB3	64001	95645	8.75%	0.783%
89	19.628	2727	2730	2737	rVB8	14990	23089	2.11%	0.189%
90	20.093	2803	2809	2816	rVB	658134	963415	88.18%	7.889%
91	20.792	2919	2928	2930	rBV8	64895	173952	15.92%	1.424%
92	21.085	2975	2978	2982	rVB3	15253	20408	1.87%	0.167%
93	21.626	3066	3070	3077	rBV2	47932	83522	7.64%	0.684%
94	22.055	3135	3143	3154	rVB	555850	1059742	96.99%	8.678%
95	22.866	3275	3281	3288	rBV	49209	90771	8.31%	0.743%
96	24.487	3551	3557	3567	rVB2	58276	135664	12.42%	1.111%
97	25.322	3689	3699	3711	rBV3	285304	903270	82.67%	7.396%
98	25.568	3728	3741	3754	rVB3	313539	1092612	100.00%	8.947%
99	28.242	4190	4196	4207	rVB5	42080	139807	12.80%	1.145%
100	30.022	4494	4499	4513	rVB5	35360	136128	12.46%	1.115%

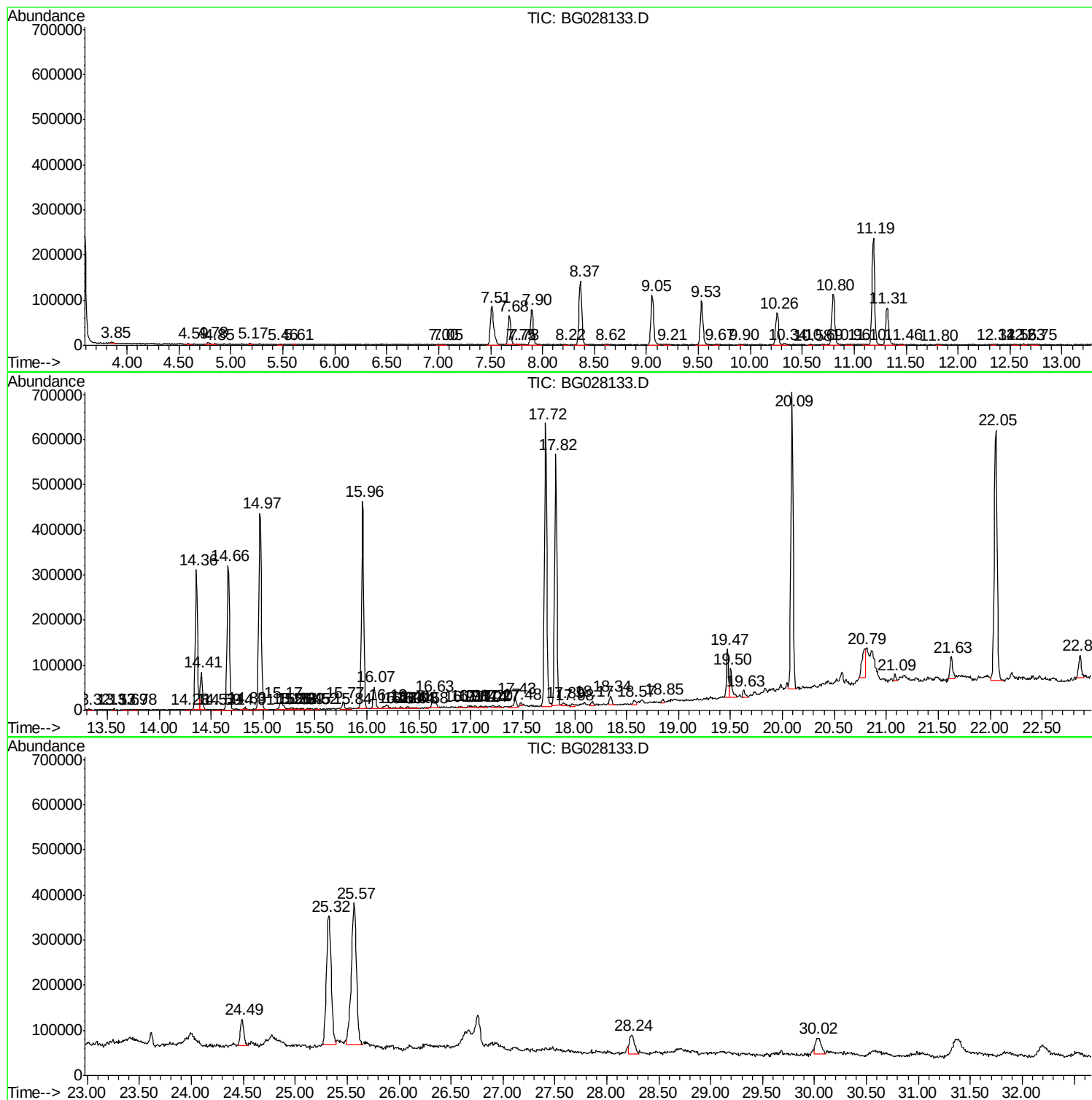
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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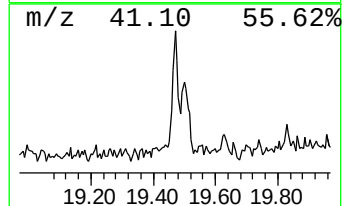
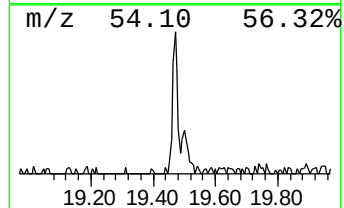
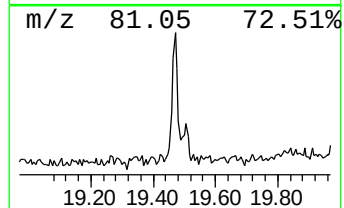
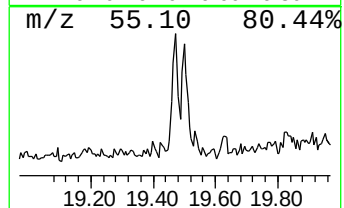
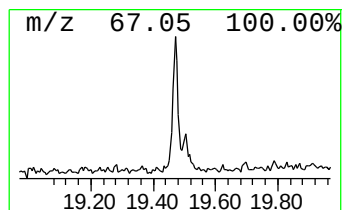
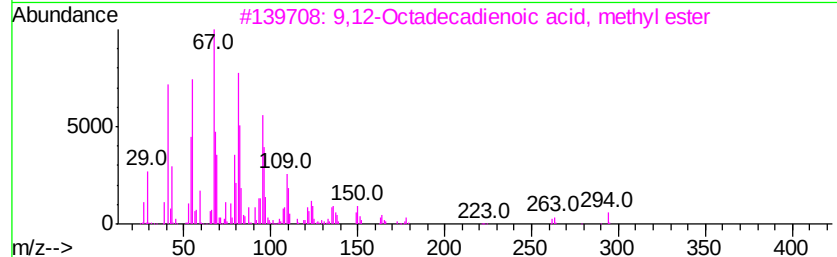
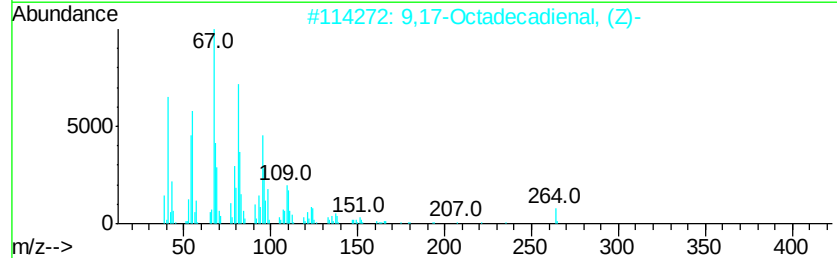
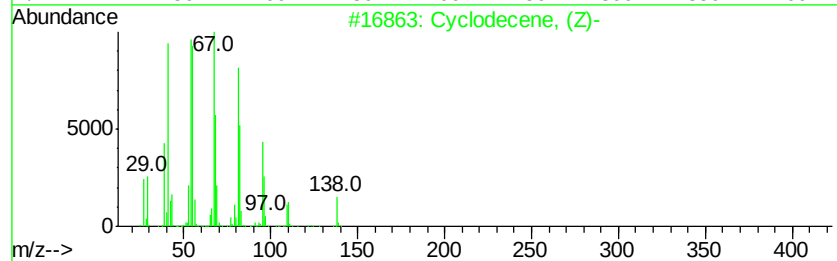
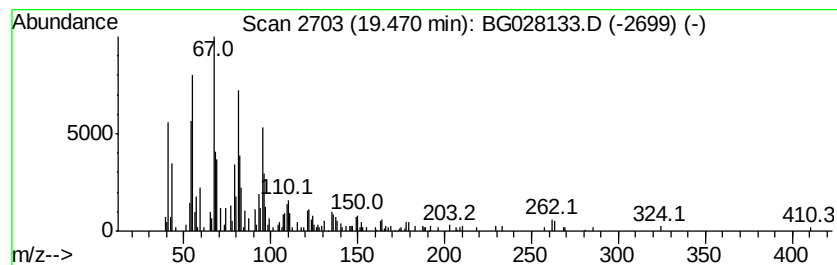
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclodecene, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.47	2.73 ng/ul	135049	Phenanthrene-d10	17.72		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclodecene, (Z)-	138	C10H18	000935-31-9	89
2		9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	83
3		9,12-Octadecadienoic acid, methv...	294	C19H34O2	002462-85-3	83
4		9-Hexadecyn-1-ol	238	C16H30O	1000342-40-3	81
5		9,12-Octadecadien-1-ol, (Z,Z)-	266	C18H34O	000506-43-4	64



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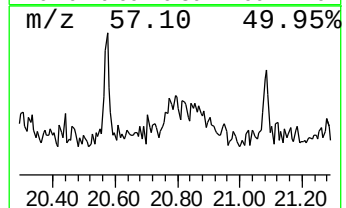
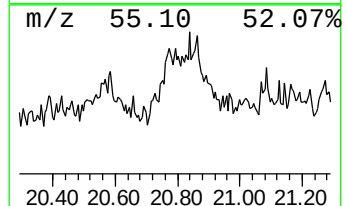
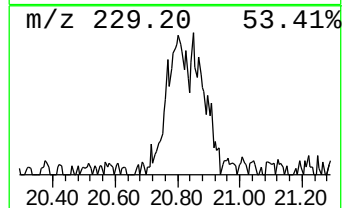
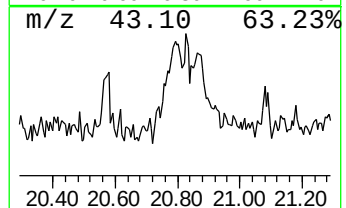
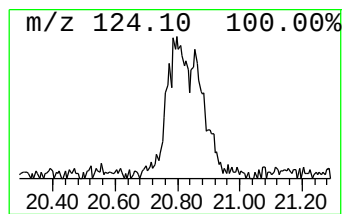
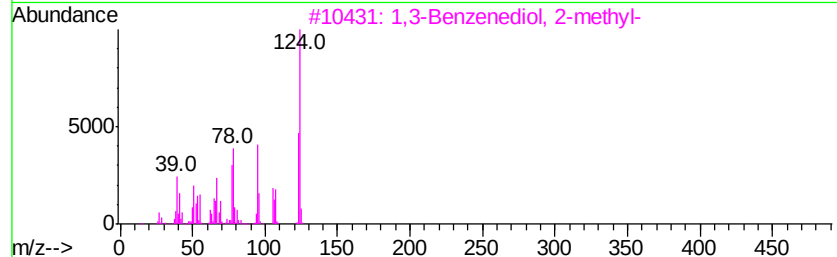
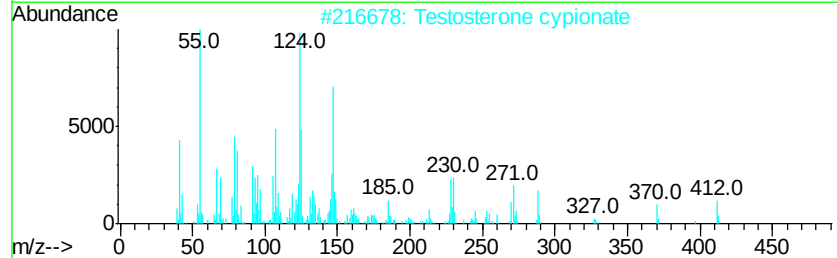
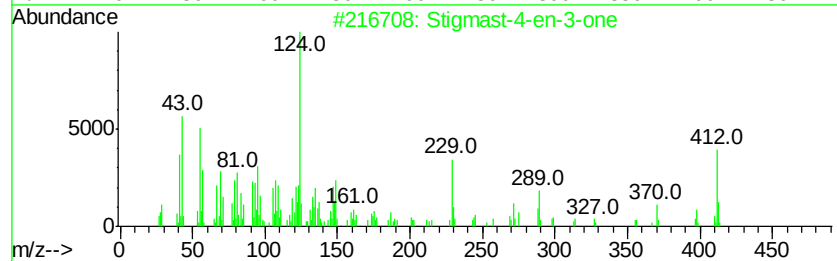
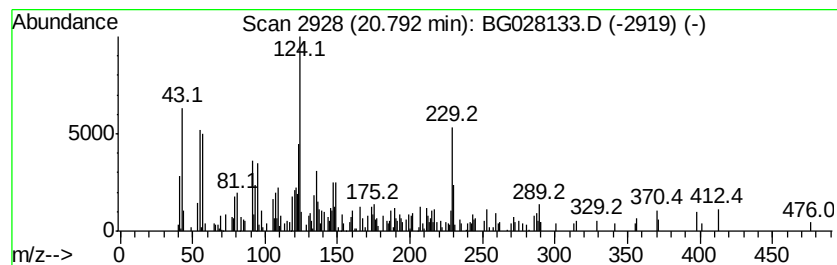
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Stigmast-4-en-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	3.28 ng/ul	173952	Chrysene-d12	22.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Stigmast-4-en-3-one	412 C29H48O	001058-61-3 89
2		Testosterone cypionate	412 C27H40O3	000058-20-8 60
3		1,3-Benzenediol, 2-methyl-	124 C7H8O2	000608-25-3 43
4		Orcinol	124 C7H8O2	000504-15-4 43
5		Orcinol	124 C7H8O2	000504-15-4 43



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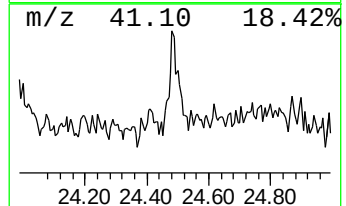
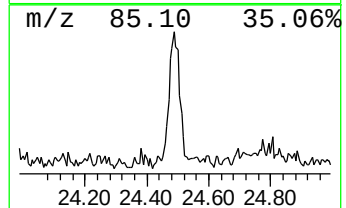
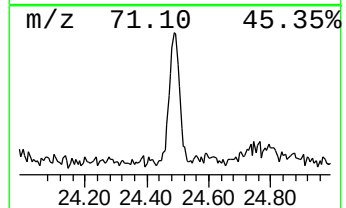
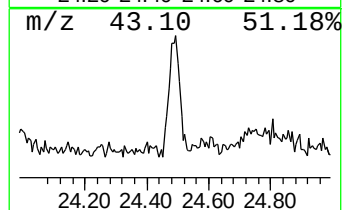
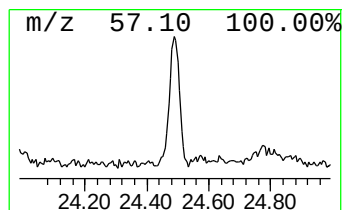
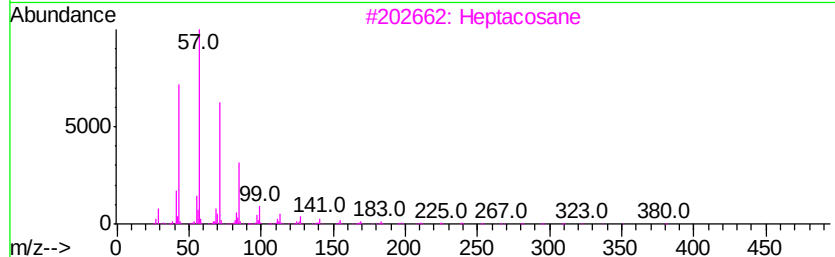
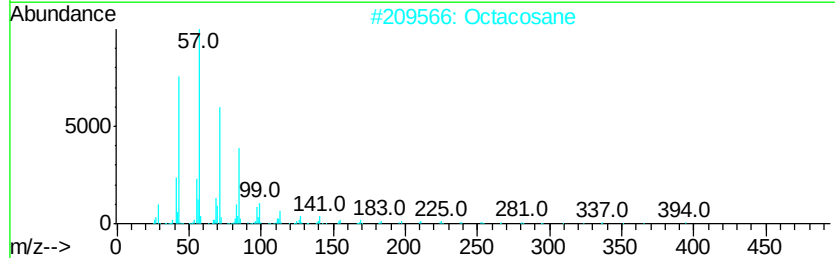
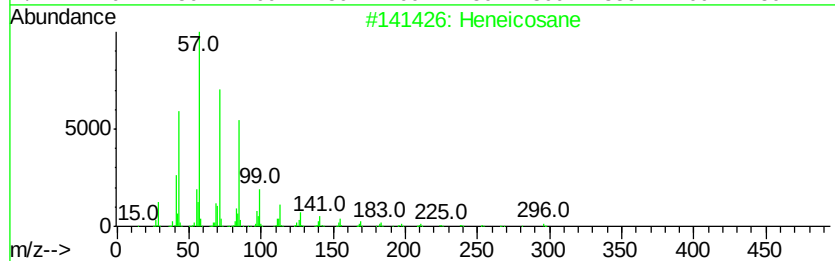
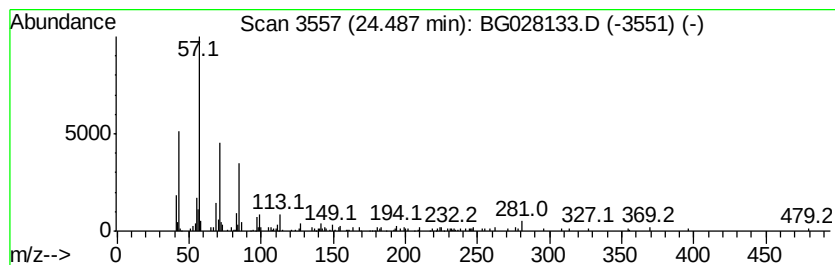
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.49	2.48 ng/ul	135664	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	86
2		Octacosane	394	C28H58	000630-02-4	72
3		Heptacosane	380	C27H56	000593-49-7	72
4		Docosane, 11-decyl-	451	C32H66	055401-55-3	58
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	58



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Sample : I4405-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JJ2X9

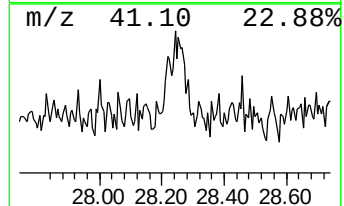
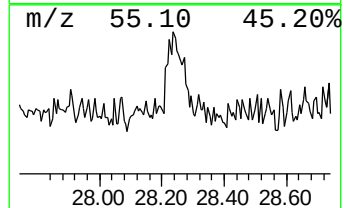
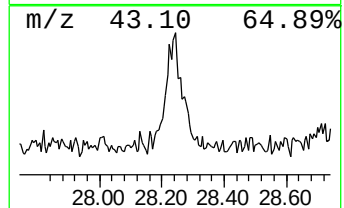
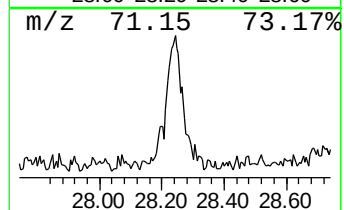
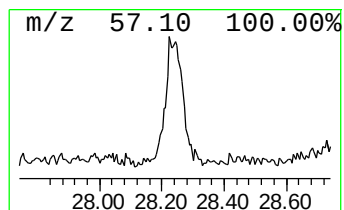
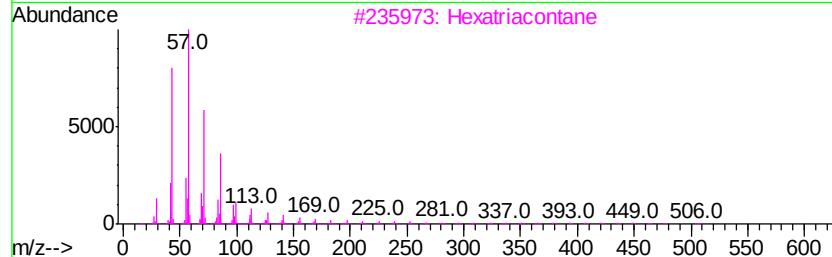
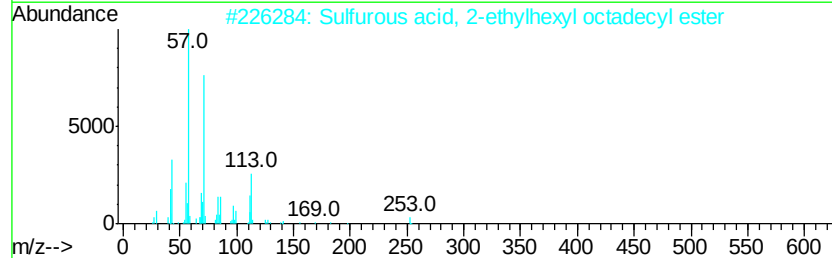
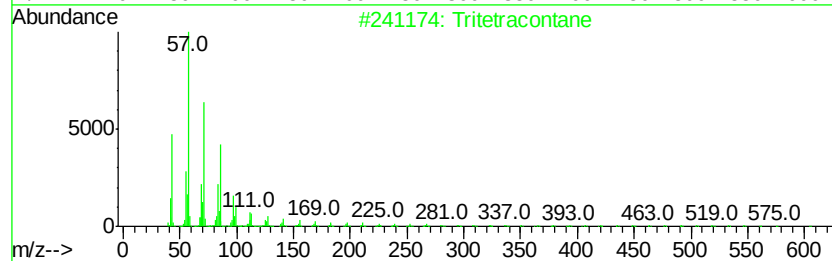
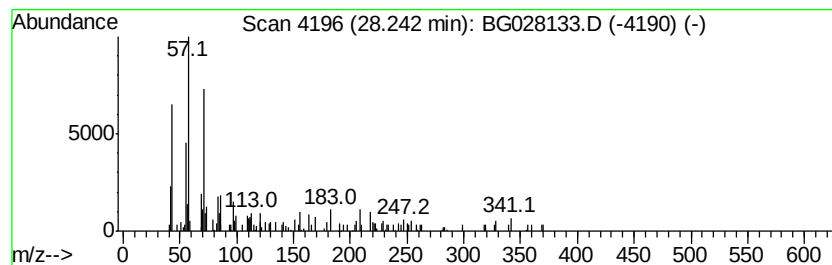
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Quant Title : SVOA CALIBRATION

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.
28.24	2.56 ng/ul	139807	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	49
2		Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	49
3		Hexatriacontane	507	C36H74	000630-06-8	49
4		Hentriacontane	437	C31H64	000630-04-6	49
5		Oxalic acid, hexyl neopentyl ester	244	C13H24O4	1000309-73-1	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\
Data File : BG028133.D
Acq On : 3 Aug 2017 9:35
Operator : SJ/JU
Sample : I4405-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JJ2X9

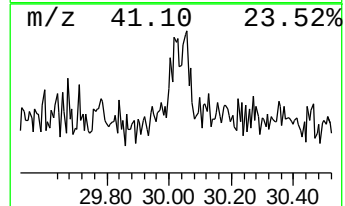
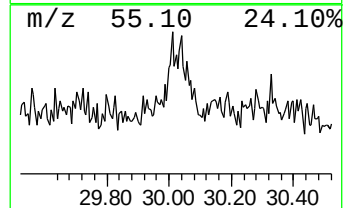
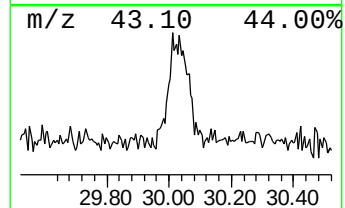
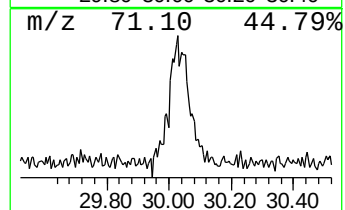
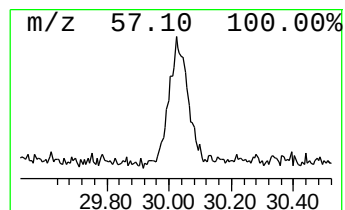
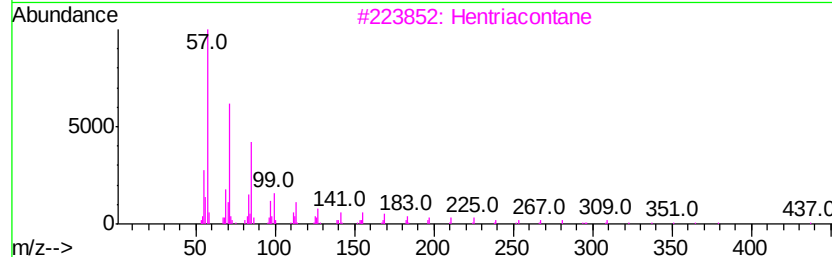
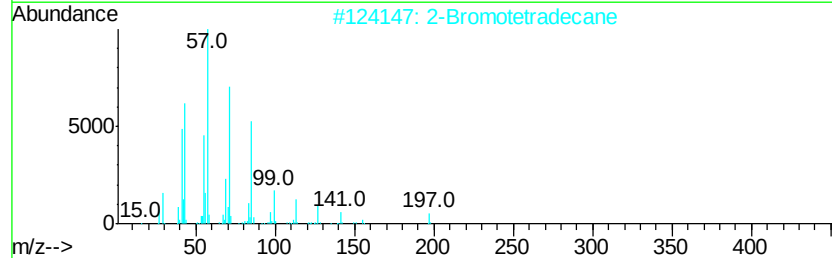
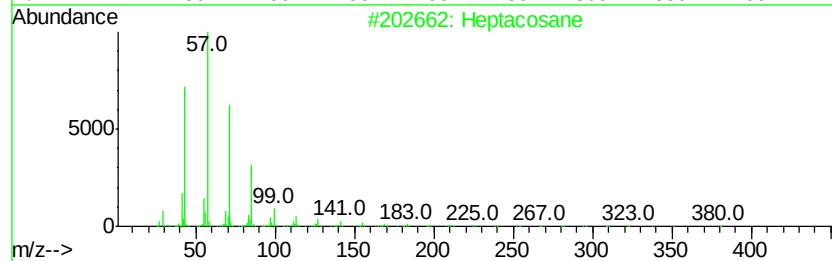
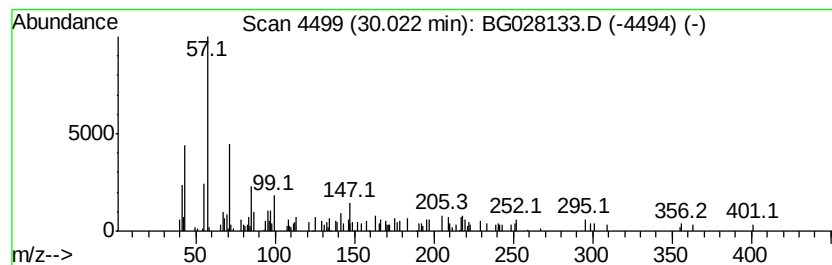
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.02	2.49 ng/ul	136128	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	47
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	47
3		Hentriacontane	437	C31H64	000630-04-6	47
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	47
5		Hexadecane	226	C16H34	000544-76-3	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080217\
Data File : BG028133.D
Acq On : 3 Aug 2017 9:35
Operator : SJ/JU
Sample : I4405-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JJ2X9

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
Cyclodecene, (Z)-	19.47	2.7	ng/ul	135049	4	17.72	987837	20.0
Stigmast-4-en-3-one	20.79	3.3	ng/ul	173952	5	22.05	1059740	20.0
(DEL) Alkane: Str...	24.49	2.5	ng/ul	135664	6	25.57	1092610	20.0
(DEL) Alkane: Str...	28.24	2.6	ng/ul	139807	6	25.57	1092610	20.0
(DEL) Alkane: Str...	30.02	2.5	ng/ul	136128	6	25.57	1092610	20.0