

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
 Data File : BG025124.D
 Acq On : 12 Dec 2016 21:24
 Operator : UM/SJ
 Sample : H5992-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P036-SS010-1824-03

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.1 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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	3.275	70	74	80	rVB4	19850	33390	1.17%	0.102%
2	3.369	84	90	96	rVB9	11964	23527	0.83%	0.072%
3	3.593	125	128	133	rBV6	13266	18245	0.64%	0.056%
4	3.775	157	159	163	rBV3	6210	8289	0.29%	0.025%
5	4.127	216	219	225	rVB5	7946	10507	0.37%	0.032%
6	4.280	243	245	249	rVB5	7149	8980	0.32%	0.028%
7	4.362	251	259	262	rBV6	9190	17639	0.62%	0.054%
8	4.392	262	264	270	rVB5	7518	10140	0.36%	0.031%
9	4.574	293	295	299	rVB3	8425	9526	0.34%	0.029%
10	4.674	307	312	313	rVB3	6080	9660	0.34%	0.030%
11	5.302	415	419	423	rVV6	11341	16486	0.58%	0.051%
12	5.391	429	434	437	rBV6	8705	8745	0.31%	0.027%
13	6.072	546	550	553	rBV3	8523	11972	0.42%	0.037%
14	6.572	631	635	638	rBV5	6186	8182	0.29%	0.025%
15	6.654	646	649	653	rVV4	5515	7235	0.25%	0.022%
16	6.689	653	655	659	rVB3	5800	7766	0.27%	0.024%
17	6.906	689	692	697	rBV4	7819	11214	0.39%	0.034%
18	7.388	765	774	791	rBV2	259180	617614	21.73%	1.894%
19	7.553	795	802	813	rBV2	166912	302901	10.66%	0.929%
20	7.764	832	838	848	rVB	233523	432110	15.20%	1.325%
21	8.240	911	919	927	rBV	381745	682886	24.03%	2.094%
22	8.375	939	942	945	rBV4	7082	11121	0.39%	0.034%
23	8.487	959	961	966	rVB4	4725	7371	0.26%	0.023%
24	8.939	1027	1038	1052	rBV2	356149	682533	24.01%	2.093%
25	9.163	1073	1076	1080	rBV5	7011	7846	0.28%	0.024%
26	9.268	1091	1094	1096	rBV3	7420	7223	0.25%	0.022%
27	9.415	1109	1119	1128	rBV2	288201	544134	19.15%	1.669%
28	9.627	1153	1155	1158	rVB2	6499	7268	0.26%	0.022%
29	9.744	1169	1175	1180	rBV6	10080	20983	0.74%	0.064%
30	10.050	1223	1227	1229	rVB3	7140	9637	0.34%	0.030%
31	10.079	1229	1232	1234	rBV3	7874	8684	0.31%	0.027%
32	10.138	1234	1242	1254	rVV3	261569	504847	17.76%	1.548%
33	10.226	1256	1257	1263	rVB3	6250	7798	0.27%	0.024%
34	10.302	1263	1270	1271	rBV5	6684	7608	0.27%	0.023%

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 Title : SVOA CALIBRATION

35	10.379	1279	1283	1285	rBV4	7267	8477	0.30%	0.026%
36	10.443	1291	1294	1297	rBV4	5209	7886	0.28%	0.024%
37	10.678	1327	1334	1348	rBV	341984	716996	25.23%	2.199%
38	11.066	1388	1400	1410	rBV	568949	1059903	37.29%	3.250%
39	11.201	1416	1423	1434	rBV2	265800	532196	18.73%	1.632%
40	11.436	1460	1463	1467	rVB3	5287	8027	0.28%	0.025%
41	11.466	1467	1468	1473	rBV3	4950	8927	0.31%	0.027%
42	11.601	1487	1491	1497	rBV7	8645	17014	0.60%	0.052%
43	11.924	1542	1546	1551	rBV6	4928	8025	0.28%	0.025%
44	12.512	1644	1646	1650	rBV5	7419	8033	0.28%	0.025%
45	12.629	1660	1666	1676	rBV9	11031	36358	1.28%	0.112%
46	13.129	1748	1751	1753	rBV3	6019	7463	0.26%	0.023%
47	13.199	1759	1763	1770	rVB5	6329	12082	0.43%	0.037%
48	13.246	1770	1771	1777	rBV3	7229	10801	0.38%	0.033%
49	13.358	1787	1790	1796	rVB4	5482	10731	0.38%	0.033%
50	13.422	1796	1801	1802	rBV4	6944	8019	0.28%	0.025%
51	13.440	1802	1804	1811	rVB7	7049	11054	0.39%	0.034%
52	13.581	1824	1828	1832	rBV6	5920	9133	0.32%	0.028%
53	13.716	1848	1851	1856	rVB7	10130	16126	0.57%	0.049%
54	14.069	1909	1911	1918	rVB3	7142	9745	0.34%	0.030%
55	14.133	1918	1922	1923	rBV2	5180	7126	0.25%	0.022%
56	14.251	1935	1942	1947	rBV	962680	1424944	50.14%	4.370%
57	14.298	1947	1950	1956	rVB	179193	263786	9.28%	0.809%
58	14.556	1986	1994	2010	rVB	864481	1399854	49.25%	4.293%
59	14.703	2012	2019	2025	rBV8	14246	28010	0.99%	0.086%
60	14.856	2036	2045	2053	rVV	995234	1627633	57.27%	4.992%
61	14.915	2053	2055	2061	rVB5	10517	13645	0.48%	0.042%
62	15.056	2071	2079	2093	rBV2	410797	820787	28.88%	2.517%
63	15.232	2101	2109	2120	rVB2	19372	53627	1.89%	0.164%
64	15.314	2120	2123	2130	rVB7	9441	13039	0.46%	0.040%
65	15.455	2145	2147	2150	rBV3	6735	7605	0.27%	0.023%
66	15.479	2150	2151	2156	rVV4	6755	8546	0.30%	0.026%
67	15.608	2169	2173	2175	rBV4	9623	13275	0.47%	0.041%
68	15.649	2176	2180	2186	rVB3	52438	61889	2.18%	0.190%
69	15.737	2191	2195	2200	rVB7	8529	9336	0.33%	0.029%
70	15.843	2205	2213	2225	rVB	1309174	2099982	73.89%	6.440%
71	15.966	2225	2234	2245	rBV2	514433	862400	30.34%	2.645%

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72	16.084	2251	2254	2262	rVB6	21798	43000	1.51%	0.132%
73	16.149	2262	2265	2269	rBV5	10598	10136	0.36%	0.031%
74	16.207	2270	2275	2282	rVB5	5472	13625	0.48%	0.042%
75	16.448	2315	2316	2321	rBV4	11457	14400	0.51%	0.044%
76	16.507	2321	2326	2335	rVV3	56479	121812	4.29%	0.374%
77	16.830	2379	2381	2383	rBV2	9091	8623	0.30%	0.026%
78	16.953	2397	2402	2410	rBV10	22278	49200	1.73%	0.151%
79	17.012	2410	2412	2416	rVB5	8520	10866	0.38%	0.033%
80	17.042	2416	2417	2420	rBV3	9049	10929	0.38%	0.034%
81	17.300	2457	2461	2465	rBV3	52936	67761	2.38%	0.208%
82	17.347	2466	2469	2473	rVV6	8416	14214	0.50%	0.044%
83	17.447	2481	2486	2494	rBV6	11158	26072	0.92%	0.080%
84	17.600	2506	2512	2523	rBV	1306746	2052494	72.22%	6.294%
85	17.700	2523	2529	2541	rVB2	1463557	2368251	83.33%	7.263%
86	17.894	2559	2562	2564	rBV5	9956	8855	0.31%	0.027%
87	18.035	2583	2586	2592	rVB8	18416	23991	0.84%	0.074%
88	18.322	2628	2635	2638	rBV9	21962	38787	1.36%	0.119%
89	18.440	2649	2655	2665	rBV	559394	804320	28.30%	2.467%
90	19.562	2842	2846	2848	rBV4	50544	73064	2.57%	0.224%
91	19.697	2865	2869	2880	rBV2	301366	442866	15.58%	1.358%
92	19.868	2894	2898	2902	rVB3	50165	65697	2.31%	0.201%
93	19.973	2909	2916	2928	rVB	1833157	2842156	100.00%	8.716%
94	20.820	3057	3060	3074	rVB	112407	238043	8.38%	0.730%
95	20.949	3079	3082	3085	rBV3	43742	49396	1.74%	0.151%
96	21.472	3166	3171	3185	rVB4	162457	378593	13.32%	1.161%
97	21.895	3236	3243	3252	rBV	1365951	2347001	82.58%	7.198%
98	23.387	3491	3497	3507	rVB5	159439	321213	11.30%	0.985%
99	25.079	3774	3785	3795	rVB	844301	2528741	88.97%	7.755%
100	25.314	3816	3825	3838	rVB3	740805	2327174	81.88%	7.137%

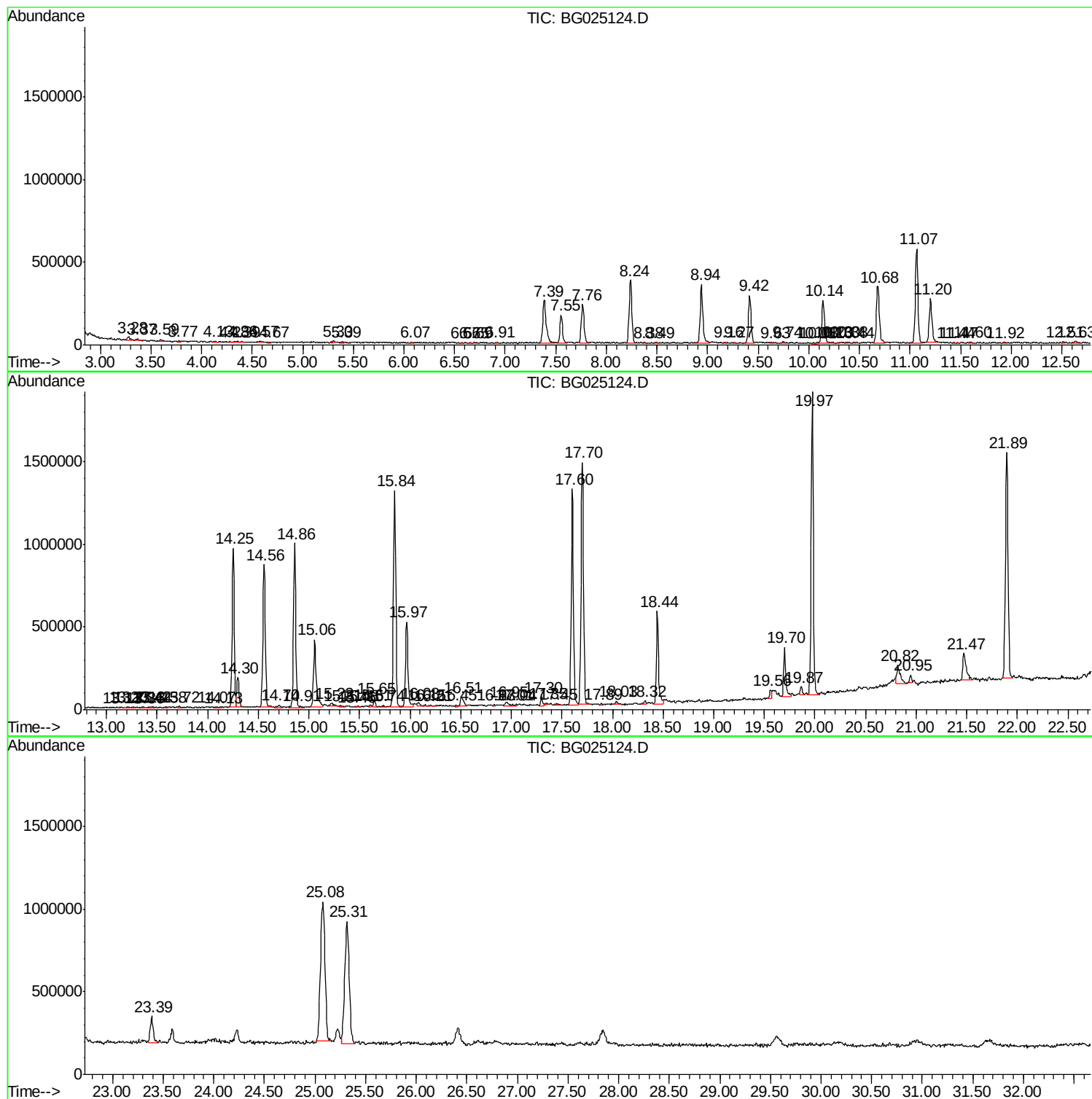
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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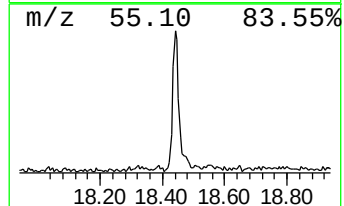
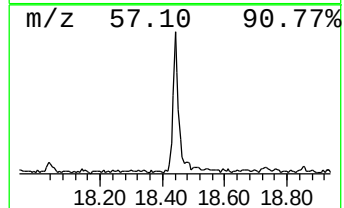
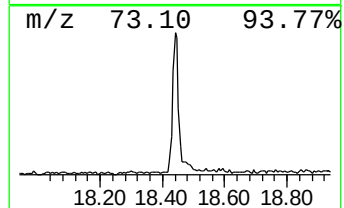
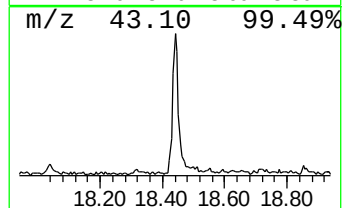
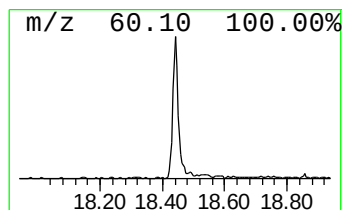
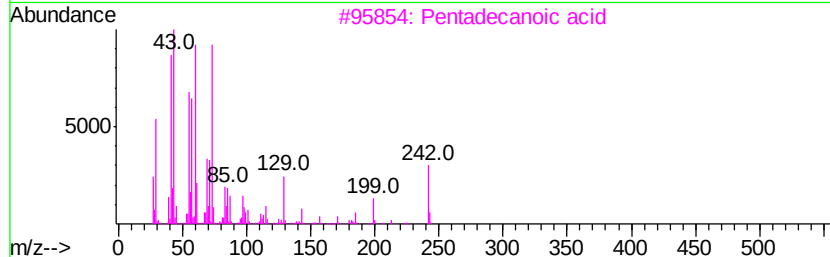
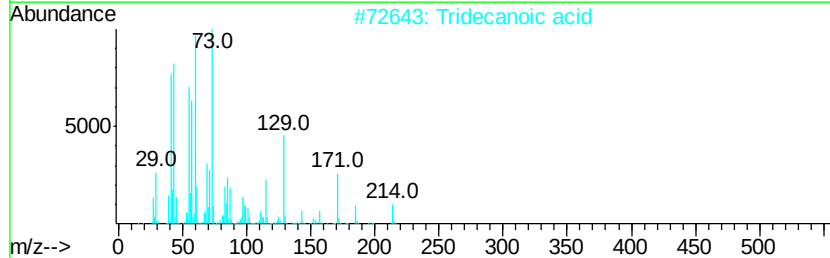
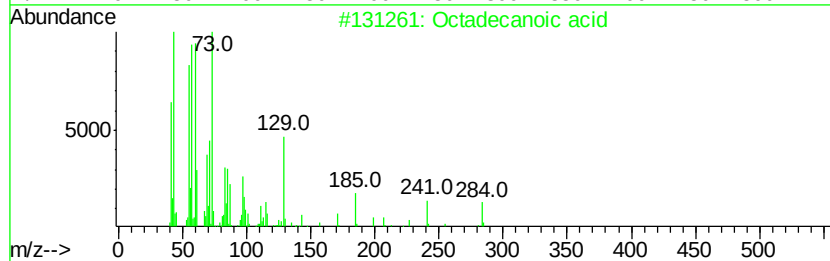
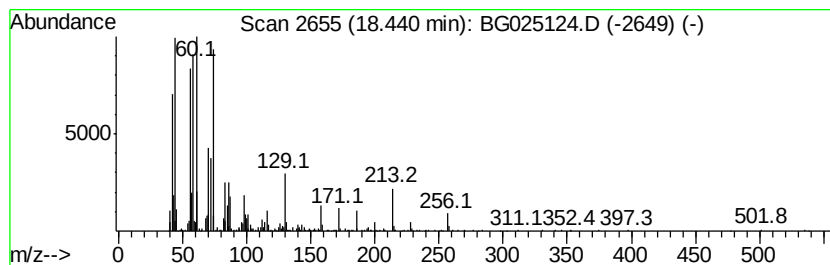
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	7.84 ng/ul	804320	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Undecanoic acid	186	C11H22O2	000112-37-8	81
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	72



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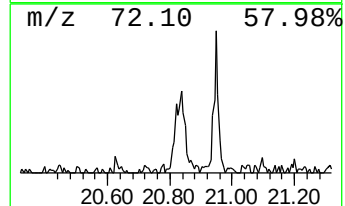
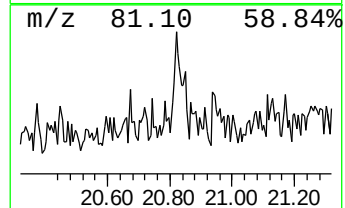
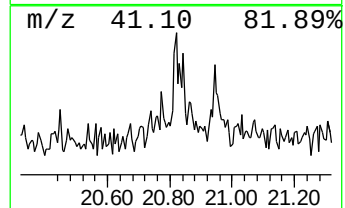
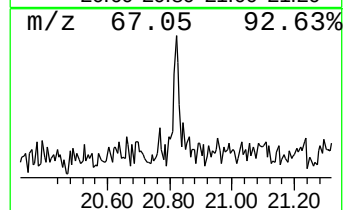
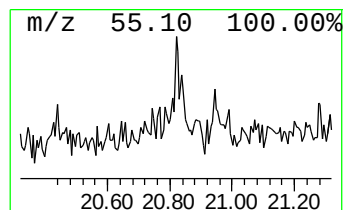
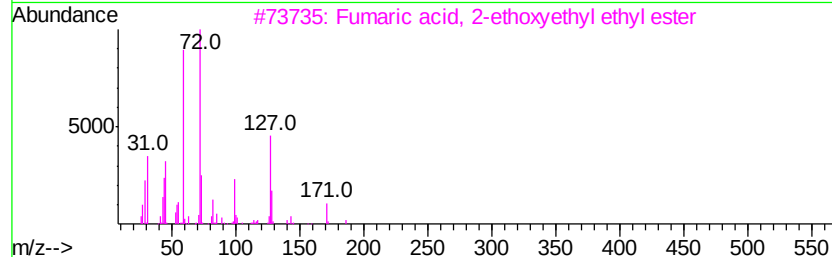
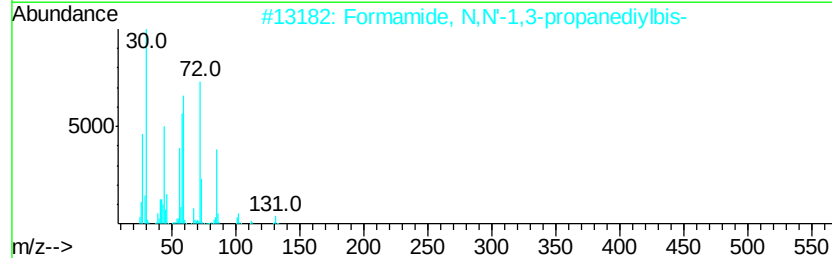
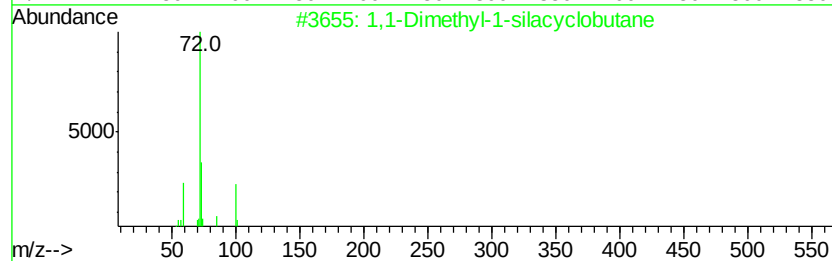
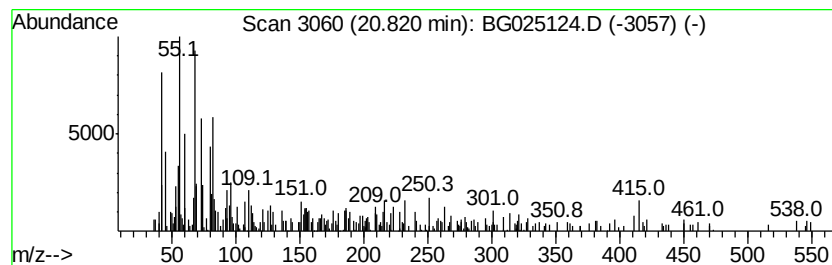
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.03 ng/ul	238043	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1-Dimethyl-1-silacyclobutane	100	C5H12Si	002295-12-7	27
2		Formamide, N,N'-1,3-propanediylbis-	130	C5H10N2O2	016419-41-3	16
3		Fumaric acid, 2-ethoxvethyl ethv...	216	C10H16O5	1000330-55-9	16
4		Tetradecanamide	227	C14H29NO	000638-58-4	15
5		Nonadecanamide	297	C19H39NO	058185-32-3	11



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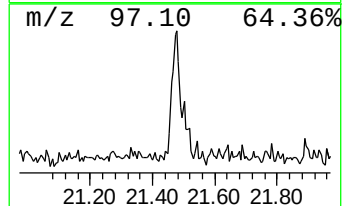
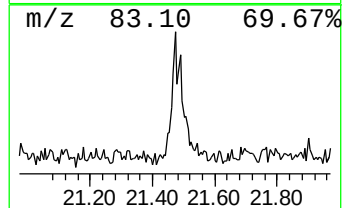
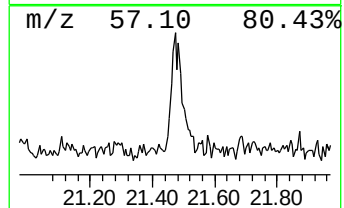
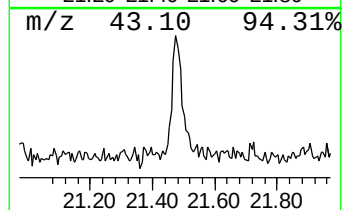
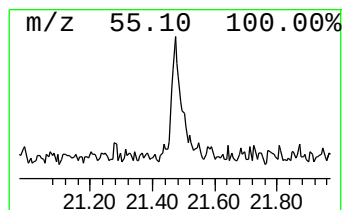
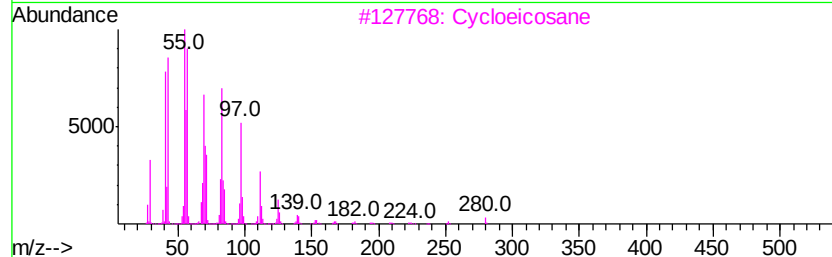
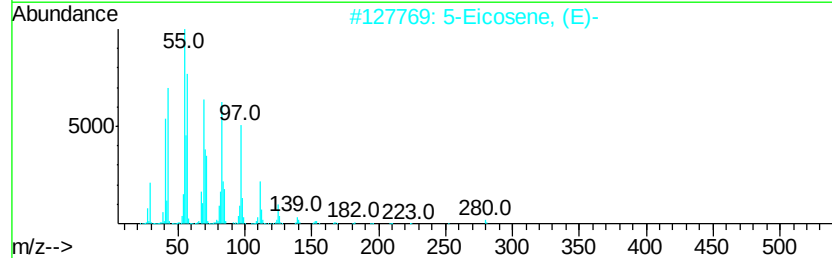
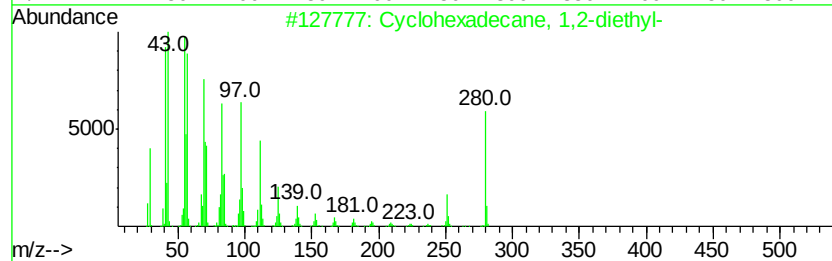
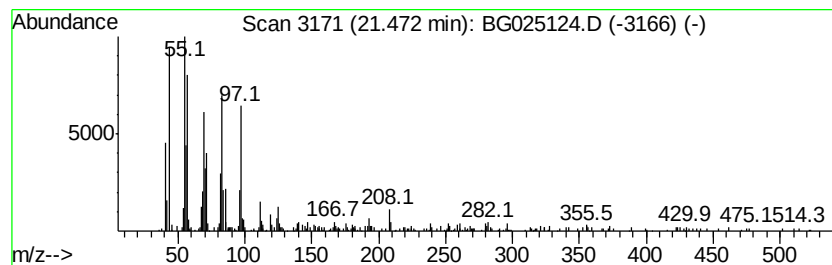
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TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic21.47 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	3.23 ng/ul	378593	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	90
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	89
3		Cycloeicosane	280	C20H40	000296-56-0	81
4		1-Tricosanol	340	C23H48O	003133-01-5	74
5		10-Heneicosene (c,t)	294	C21H42	095008-11-0	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025124.D
Acq On : 12 Dec 2016 21:24
Operator : UM/SJ
Sample : H5992-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P036-SS010-1824-03

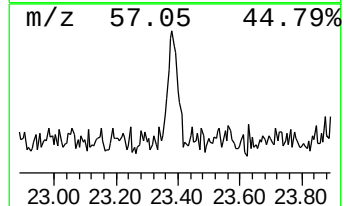
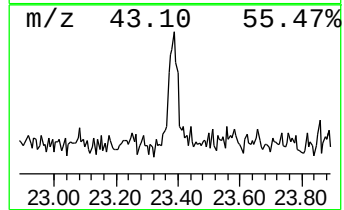
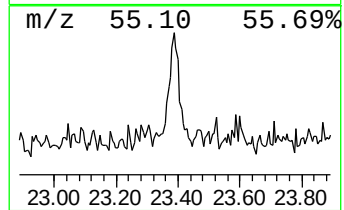
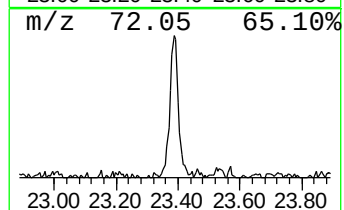
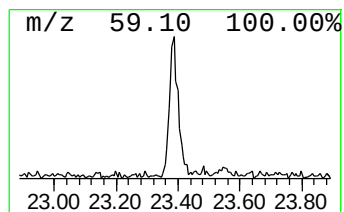
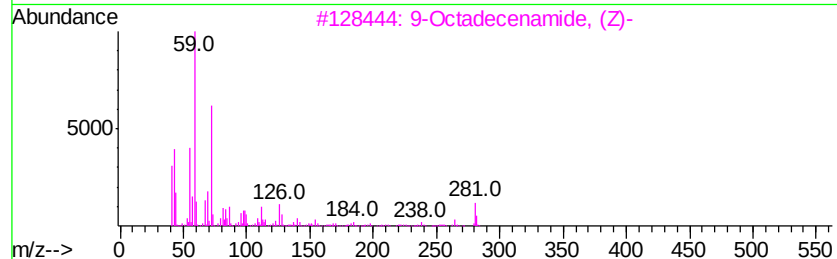
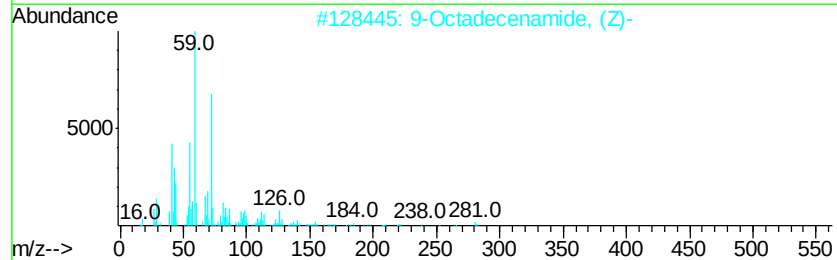
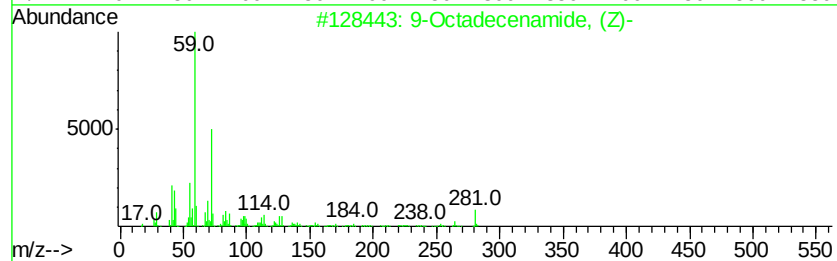
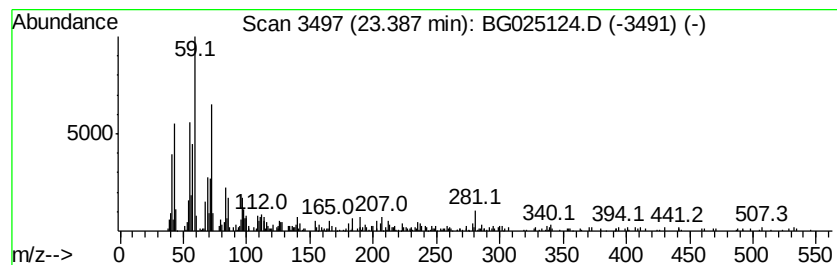
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
23.39	2.74 ng/ul	321213	Chrysene-d12		21.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
4			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
5			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
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Sample : H5992-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P036-SS010-1824-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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
Octadecanoic acid	18.44	7.8	ng/ul	804320	4	17.60	2052490	20.0
unknown-01	20.82	2.0	ng/ul	238043	5	21.89	2347000	20.0
(DEL) Alkane: Cyc...	21.47	3.2	ng/ul	378593	5	21.89	2347000	20.0
9-Octadecenamide,...	23.39	2.7	ng/ul	321213	5	21.89	2347000	20.0