

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
 Data File : BG024336.D
 Acq On : 14 Oct 2016 00:58
 Operator : UM/SJ
 Sample : H5166-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNJ5

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\SOM02.2-EPA-BG0100716.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	3.646	133	137	146	rVB7	48100	90380	1.54%	0.114%
2	3.916	178	183	197	rVB	100025	196151	3.35%	0.248%
3	4.245	236	239	244	rBV6	8496	13081	0.22%	0.017%
4	4.416	265	268	273	rVB7	10526	18889	0.32%	0.024%
5	5.356	422	428	431	rVB7	8280	15628	0.27%	0.020%
6	6.014	536	540	544	rBV5	9647	14702	0.25%	0.019%
7	6.067	544	549	551	rBV6	10706	16291	0.28%	0.021%
8	6.337	589	595	597	rBV5	14943	18540	0.32%	0.023%
9	6.466	614	617	624	rVV7	10912	20449	0.35%	0.026%
10	6.560	632	633	640	rVB6	11160	20030	0.34%	0.025%
11	6.842	677	681	683	rBV4	11121	17935	0.31%	0.023%
12	7.213	738	744	748	rBV7	20224	36409	0.62%	0.046%
13	7.412	769	778	793	rVV	1007865	1932291	32.97%	2.444%
14	7.530	793	798	799	rVB4	10847	13838	0.24%	0.018%
15	7.600	800	810	820	rBV	723506	1225688	20.92%	1.550%
16	7.812	838	846	855	rVB	954396	1701279	29.03%	2.152%
17	8.288	919	927	937	rVB	989176	1743871	29.76%	2.206%
18	8.470	952	958	961	rBV7	8894	18254	0.31%	0.023%
19	8.605	977	981	988	rBV8	9046	20818	0.36%	0.026%
20	8.676	991	993	1001	rVB8	12417	22759	0.39%	0.029%
21	8.781	1006	1011	1013	rVV5	10130	17191	0.29%	0.022%
22	8.975	1034	1044	1055	rBV	1276592	2305287	39.34%	2.916%
23	9.287	1093	1097	1099	rVB3	9384	12980	0.22%	0.016%
24	9.322	1099	1103	1107	rBV6	8941	17914	0.31%	0.023%
25	9.463	1117	1127	1134	rBV	1011543	1925189	32.85%	2.435%
26	9.586	1146	1148	1152	rBV5	16034	22394	0.38%	0.028%
27	9.698	1163	1167	1170	rVB6	8805	12933	0.22%	0.016%
28	9.733	1170	1173	1178	rVB6	8982	13922	0.24%	0.018%
29	9.821	1183	1188	1198	rVB10	16880	37657	0.64%	0.048%
30	10.092	1233	1234	1240	rBV5	8343	14720	0.25%	0.019%
31	10.186	1240	1250	1260	rBV2	923961	1713559	29.24%	2.168%
32	10.338	1272	1276	1279	rBV6	8051	14269	0.24%	0.018%
33	10.720	1332	1341	1352	rVB	1309858	2444708	41.72%	3.092%
34	10.879	1362	1368	1374	rVB9	9023	15867	0.27%	0.020%

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35	11.114	1399	1408	1418	rVB	1340287	2544380	43.42%	3.218%
36	11.243	1418	1430	1447	rBV	1216717	2299896	39.25%	2.909%
37	11.748	1513	1516	1520	rBV5	11137	16197	0.28%	0.020%
38	11.842	1528	1532	1539	rBV8	11210	20554	0.35%	0.026%
39	12.677	1667	1674	1683	rVB7	33118	79129	1.35%	0.100%
40	12.965	1719	1723	1726	rBV4	12429	13701	0.23%	0.017%
41	13.141	1747	1753	1758	rBV9	7031	16440	0.28%	0.021%
42	13.258	1767	1773	1775	rBV7	18082	24982	0.43%	0.032%
43	13.435	1799	1803	1809	rBV8	7585	14906	0.25%	0.019%
44	13.499	1809	1814	1818	rBV6	21513	37485	0.64%	0.047%
45	13.687	1840	1846	1849	rBV7	9172	20248	0.35%	0.026%
46	13.770	1854	1860	1866	rBV2	68463	114621	1.96%	0.145%
47	14.022	1901	1903	1907	rBV4	10762	15536	0.27%	0.020%
48	14.069	1907	1911	1916	rVB7	10842	17743	0.30%	0.022%
49	14.298	1939	1950	1954	rBV	2252634	3582786	61.14%	4.532%
50	14.340	1954	1957	1965	rVB	1382503	1995481	34.05%	2.524%
51	14.598	1994	2001	2009	rVB	2385498	3935048	67.15%	4.978%
52	14.751	2023	2027	2031	rBV5	20306	30292	0.52%	0.038%
53	14.833	2037	2041	2042	rBV4	9877	14221	0.24%	0.018%
54	14.904	2045	2053	2061	rBV	2254065	3628623	61.92%	4.590%
55	15.062	2073	2080	2095	rBV	1224295	2029957	34.64%	2.568%
56	15.197	2100	2103	2107	rVB5	8631	14336	0.24%	0.018%
57	15.262	2109	2114	2119	rBV8	31312	54671	0.93%	0.069%
58	15.374	2126	2133	2137	rVB10	10498	20552	0.35%	0.026%
59	15.662	2177	2182	2185	rBV6	17203	27661	0.47%	0.035%
60	15.703	2185	2189	2194	rVB	50516	73185	1.25%	0.093%
61	15.820	2202	2209	2212	rBV9	12382	25910	0.44%	0.033%
62	15.891	2212	2221	2230	rVB	3107197	5084166	86.76%	6.431%
63	15.991	2230	2238	2247	rBV	1238230	1906739	32.54%	2.412%
64	16.120	2251	2260	2270	rVB9	44550	134546	2.30%	0.170%
65	16.255	2277	2283	2287	rVB9	11549	19481	0.33%	0.025%
66	16.325	2293	2295	2299	rVB5	15023	15333	0.26%	0.019%
67	16.508	2324	2326	2329	rBV4	10621	13157	0.22%	0.017%
68	16.560	2330	2335	2346	rVB2	86625	177828	3.03%	0.225%
69	16.754	2364	2368	2375	rBV10	18036	32722	0.56%	0.041%
70	16.831	2378	2381	2388	rBV9	16794	34984	0.60%	0.044%
71	16.901	2390	2393	2398	rBV7	17977	33052	0.56%	0.042%

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72	16.995	2402	2409	2417	rBV9	48771	95717	1.63%	0.121%
73	17.072	2418	2422	2427	rVB7	15812	25248	0.43%	0.032%
74	17.130	2428	2432	2437	rVV8	12622	21575	0.37%	0.027%
75	17.172	2437	2439	2445	rVB7	14326	24382	0.42%	0.031%
76	17.224	2445	2448	2453	rBV7	14244	25452	0.43%	0.032%
77	17.283	2456	2458	2461	rVB4	19856	22134	0.38%	0.028%
78	17.360	2461	2471	2489	rBV3	312419	663921	11.33%	0.840%
79	17.501	2493	2495	2500	rBV6	14274	23821	0.41%	0.030%
80	17.642	2511	2519	2527	rBV2	2541928	4041024	68.96%	5.112%
81	17.741	2529	2536	2548	rVB2	3268601	5143978	87.78%	6.507%
82	17.971	2572	2575	2579	rVV5	14465	21453	0.37%	0.027%
83	18.018	2579	2583	2586	rVB6	20319	31405	0.54%	0.040%
84	18.094	2591	2596	2600	rBV4	71789	91163	1.56%	0.115%
85	18.364	2638	2642	2649	rBV9	35563	68120	1.16%	0.086%
86	18.488	2657	2663	2673	rBV	869714	1227906	20.95%	1.553%
87	18.781	2709	2713	2717	rVB6	25167	36125	0.62%	0.046%
88	18.946	2738	2741	2743	rBV4	13920	14670	0.25%	0.019%
89	19.140	2771	2774	2785	rVB4	27448	61483	1.05%	0.078%
90	19.246	2787	2792	2793	rBV5	17259	25192	0.43%	0.032%
91	19.610	2849	2854	2855	rBV5	82106	112778	1.92%	0.143%
92	19.745	2872	2877	2893	rBV	833843	1169281	19.95%	1.479%
93	19.904	2900	2904	2909	rBV5	50913	68742	1.17%	0.087%
94	20.009	2914	2922	2932	rVB	3775851	5859968	100.00%	7.413%
95	20.991	3087	3089	3095	rVB7	37944	49830	0.85%	0.063%
96	21.525	3175	3180	3193	rVB3	292366	526070	8.98%	0.665%
97	21.942	3243	3251	3260	rBV	2608785	4763186	81.28%	6.025%
98	23.699	3544	3550	3558	rVB3	192682	408253	6.97%	0.516%
99	25.150	3785	3797	3812	rVB3	1880094	5756906	98.24%	7.282%
100	25.385	3826	3837	3850	rVB2	1546720	4828858	82.40%	6.108%

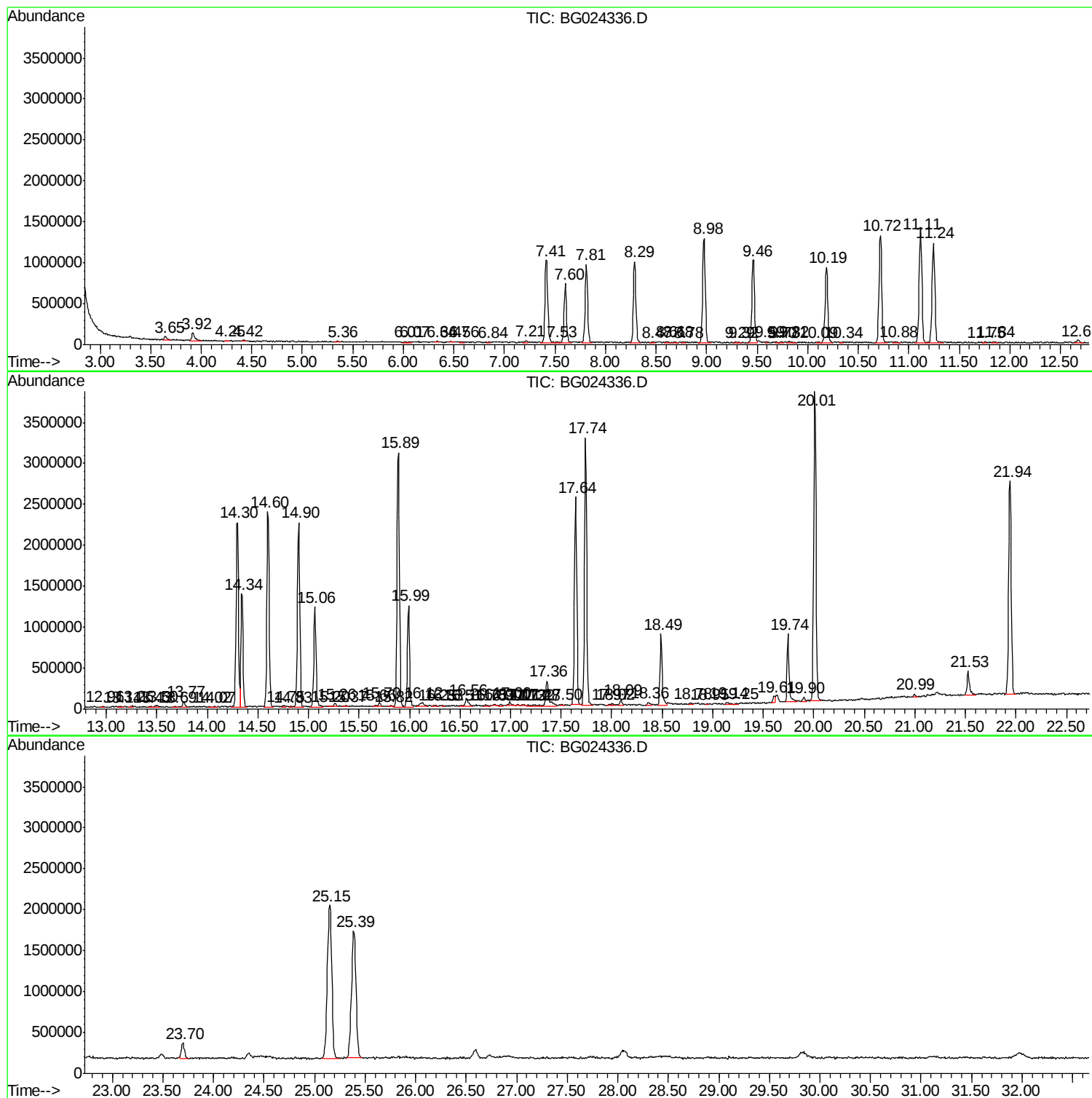
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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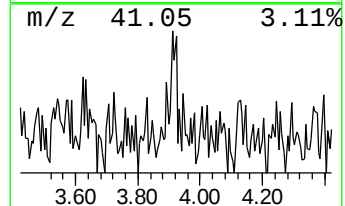
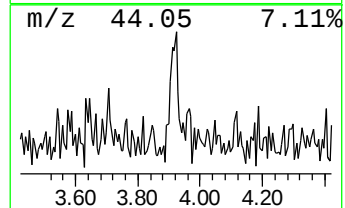
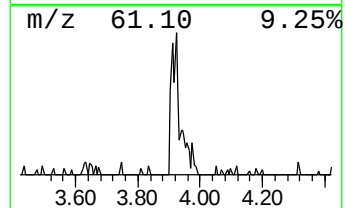
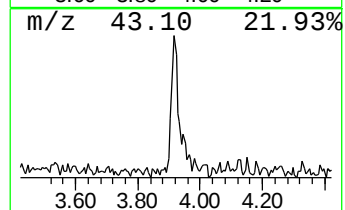
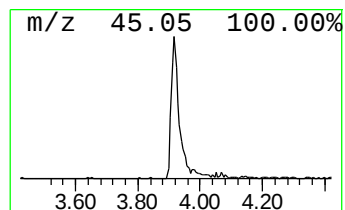
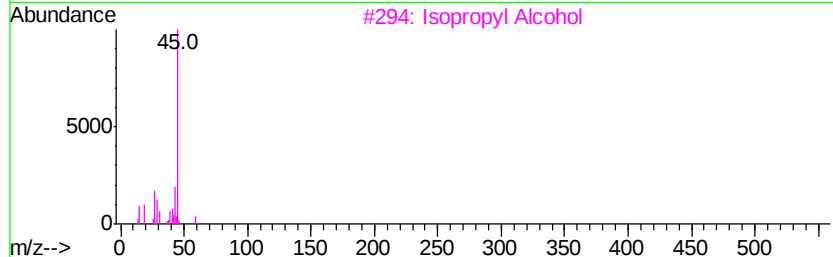
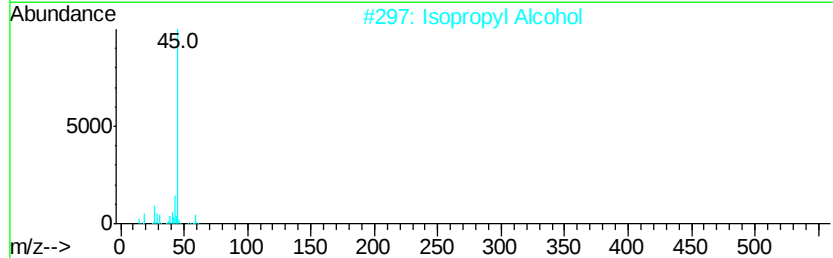
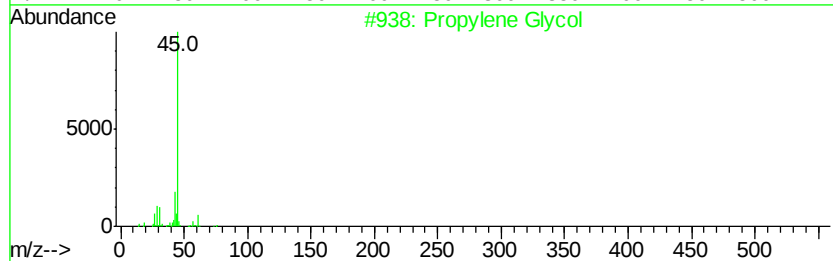
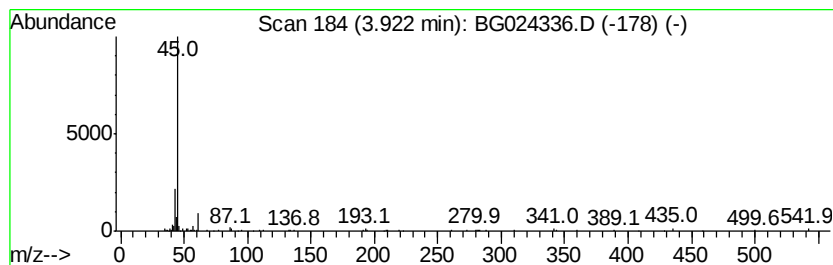
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Propylene Glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	2.25 ng/ul	196151	1,4-Dichlorobenzene-d4	8.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	64
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	59
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	45
4		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	39
5		Hydrazine, propyl-	74	C3H10N2	005039-61-2	38



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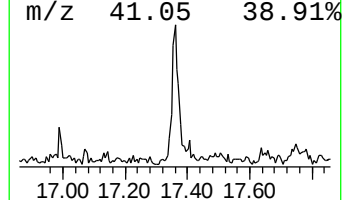
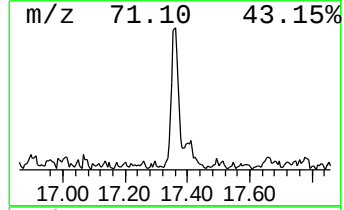
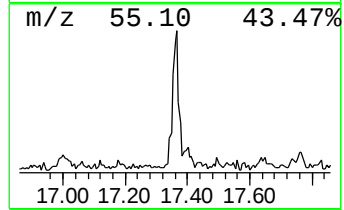
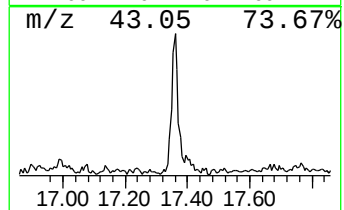
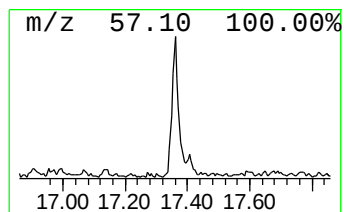
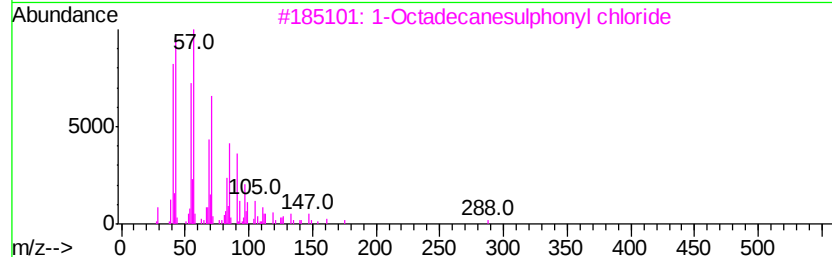
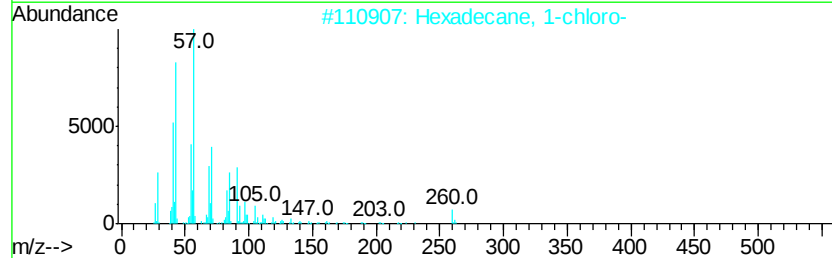
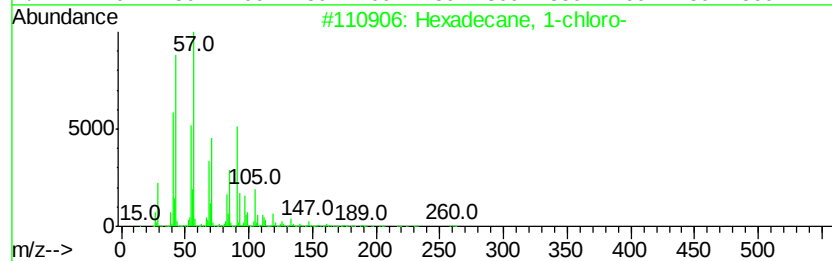
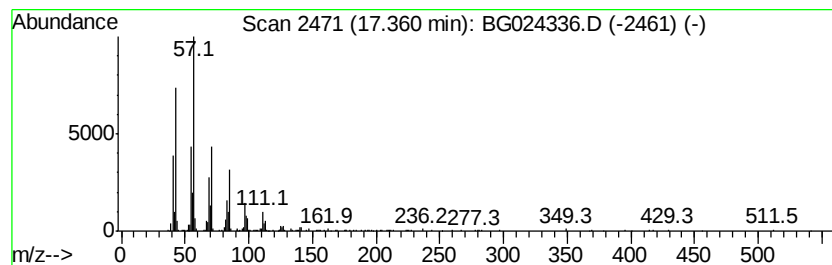
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Hexadecane, 1-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	3.29 ng/ul	663921	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	90
2		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	87
3		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	80
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
5		Undecane	156	C11H24	001120-21-4	72



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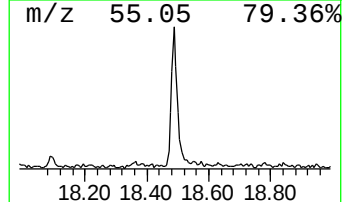
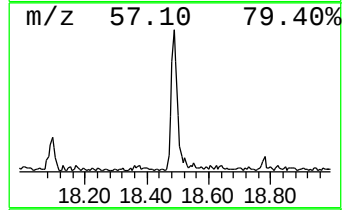
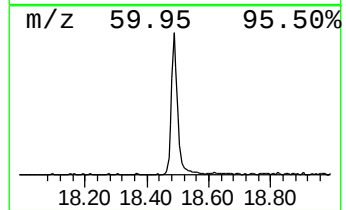
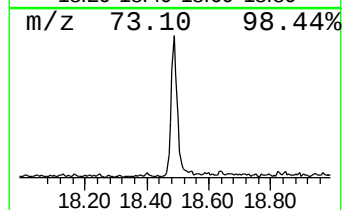
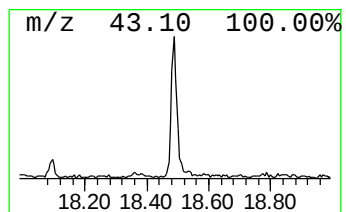
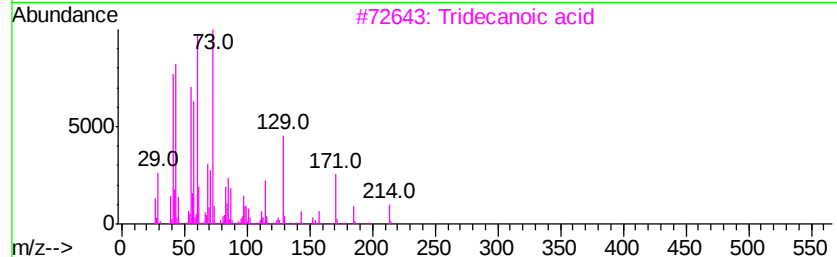
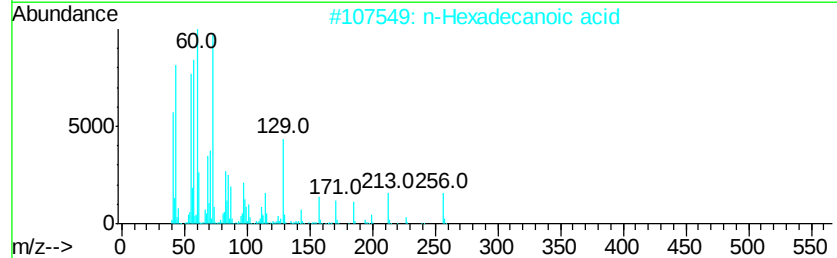
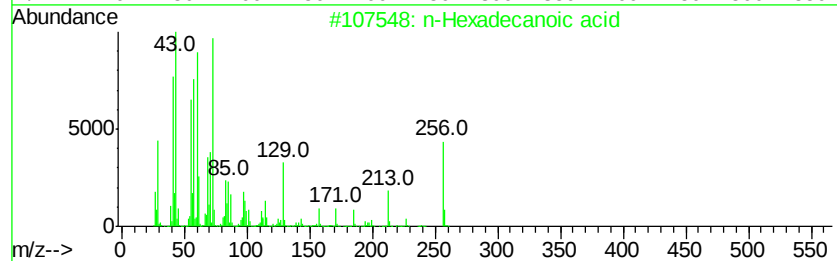
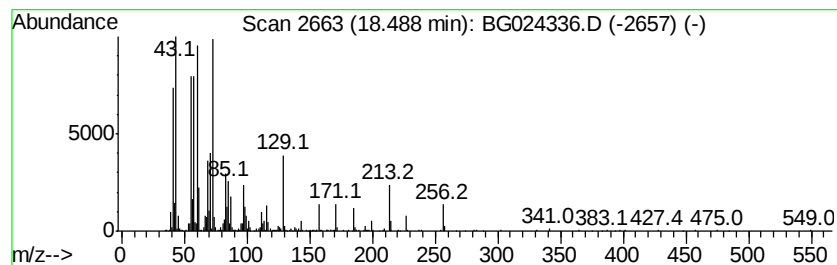
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.49	6.08 ng/ul	1227910	Phenanthrene-d10		17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
4	n-Decanoic acid	172	C10H20O2	000334-48-5	86	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
Data File : BG024336.D
Acq On : 14 Oct 2016 00:58
Operator : UM/SJ
Sample : H5166-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNJ5

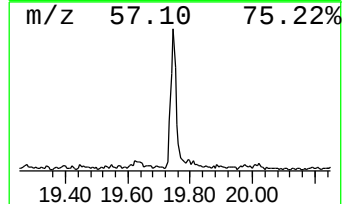
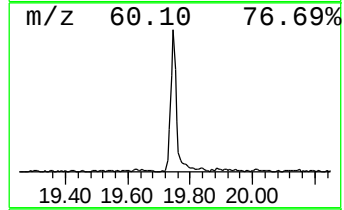
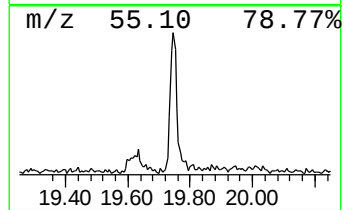
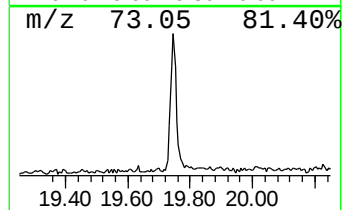
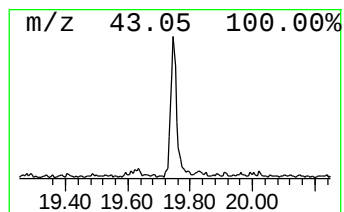
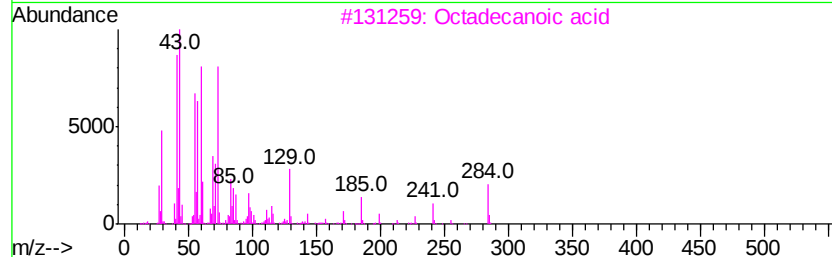
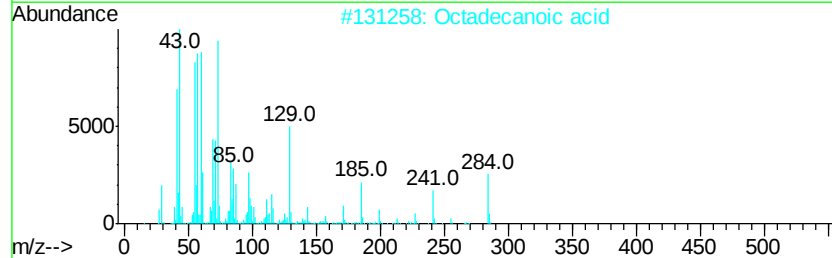
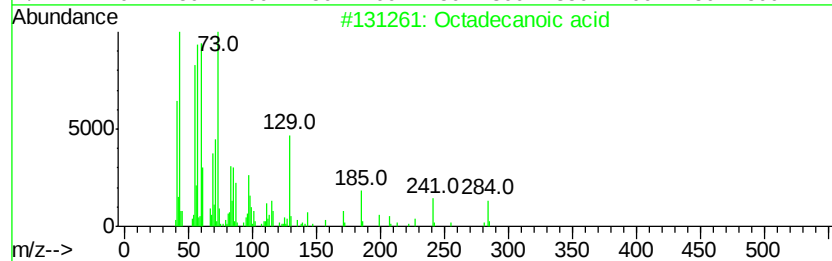
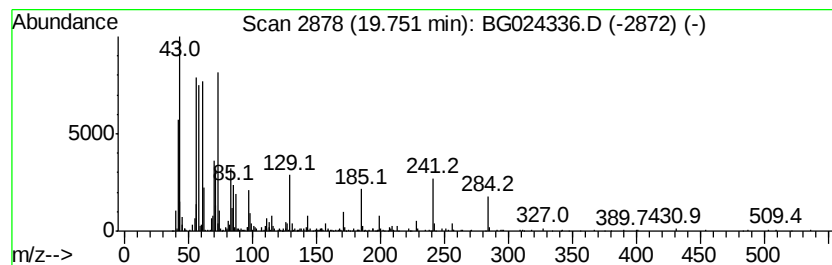
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	5.79 ng/ul	1169280	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	86
4		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
Data File : BG024336.D
Acq On : 14 Oct 2016 00:58
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Sample : H5166-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

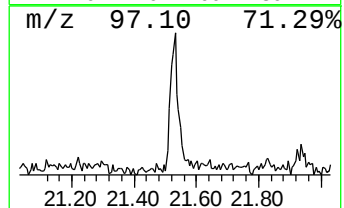
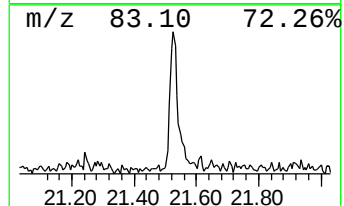
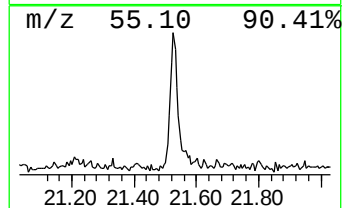
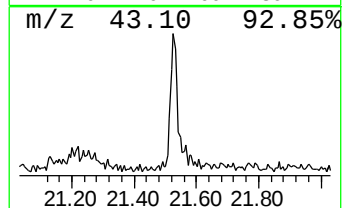
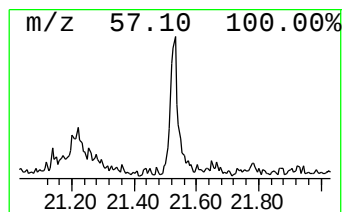
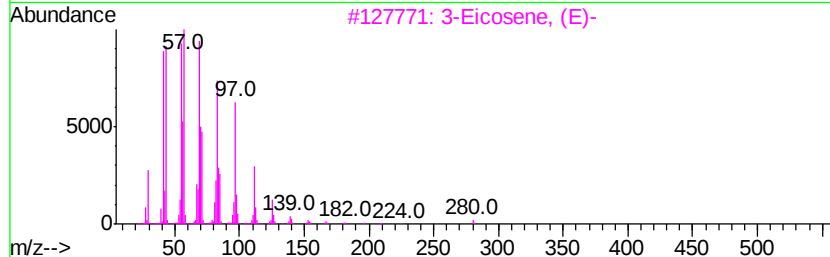
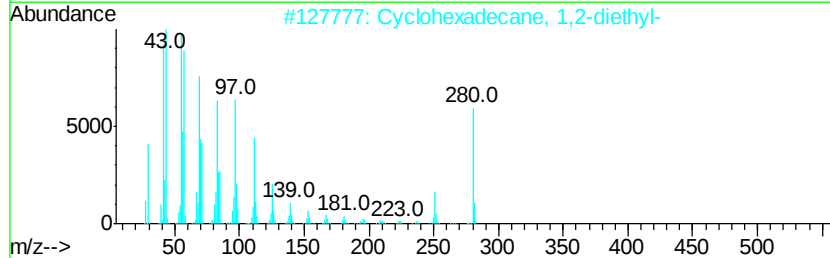
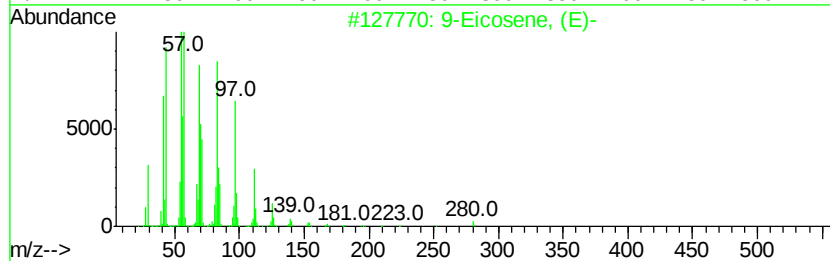
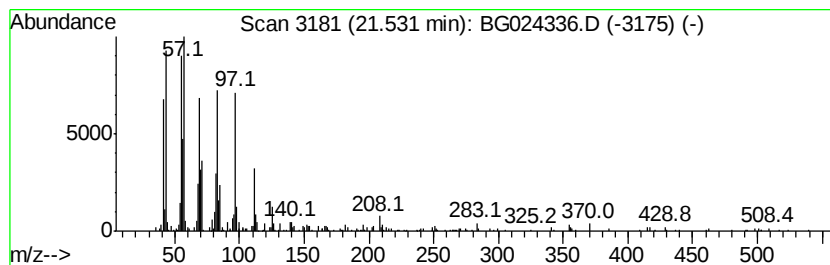
Instrument :
BNA_G
ClientSampleId :
BDNJ5

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.53 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.53	2.21 ng/ul	526070	Chrysene-d12	21.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	96
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl303	1000314-56-3	90
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl202	1000282-98-2	90



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Sample : H5166-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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
Propylene Glycol	3.92	2.3	ng/ul	196151	1	8.29	1743870	20.0
Hexadecane, 1-chl...	17.36	3.3	ng/ul	663921	4	17.64	4041020	20.0
n-Hexadecanoic acid	18.49	6.1	ng/ul	1227910	4	17.64	4041020	20.0
Octadecanoic acid	19.75	5.8	ng/ul	1169280	4	17.64	4041020	20.0
(DEL) Alkane: Cyc...	21.53	2.2	ng/ul	526070	5	21.94	4763190	20.0