

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101016\
 Data File : BG024255.D
 Acq On : 11 Oct 2016 1:35
 Operator : UM/SJ
 Sample : H5098-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNP7

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	3.926	181	185	189	rBV	74641	125302	2.35%	0.210%
2	3.991	195	196	200	rVB4	18798	18300	0.34%	0.031%
3	4.026	200	202	204	rBV3	15894	15181	0.28%	0.025%
4	4.237	236	238	242	rBV4	12108	11644	0.22%	0.020%
5	4.519	284	286	289	rBV4	12222	9824	0.18%	0.016%
6	4.937	355	357	360	rVB4	13019	11849	0.22%	0.020%
7	4.966	360	362	367	rBV6	11083	19542	0.37%	0.033%
8	5.089	381	383	386	rBV3	10699	10962	0.21%	0.018%
9	5.148	392	393	396	rBV3	11115	10506	0.20%	0.018%
10	5.360	425	429	431	rBV4	12245	19736	0.37%	0.033%
11	5.648	473	478	483	rBV9	20144	38586	0.72%	0.065%
12	5.736	490	493	495	rBV3	10246	10974	0.21%	0.018%
13	6.241	578	579	582	rVB3	11046	10326	0.19%	0.017%
14	6.270	582	584	588	rBV4	16011	19036	0.36%	0.032%
15	6.329	591	594	597	rBV5	10202	14647	0.27%	0.025%
16	6.576	634	636	641	rVB6	11902	12276	0.23%	0.021%
17	7.222	740	746	751	rBV4	47467	88654	1.66%	0.149%
18	7.422	771	780	789	rVB	657748	1215195	22.77%	2.041%
19	7.610	804	812	819	rBV	522385	899908	16.86%	1.511%
20	7.686	823	825	826	rBV2	13055	9831	0.18%	0.017%
21	7.716	826	830	834	rVB6	13017	20597	0.39%	0.035%
22	7.745	834	835	840	rBV5	8737	12169	0.23%	0.020%
23	7.816	840	847	854	rBV	658239	1166139	21.85%	1.959%
24	8.086	891	893	896	rVB4	14436	12070	0.23%	0.020%
25	8.168	904	907	910	rVV4	10649	12019	0.23%	0.020%
26	8.297	921	929	938	rVB	591036	1088404	20.39%	1.828%
27	8.709	996	999	1003	rBV4	11279	14130	0.26%	0.024%
28	8.814	1013	1017	1019	rBV5	11735	14613	0.27%	0.025%
29	8.979	1037	1045	1052	rBV2	628940	1156293	21.67%	1.942%
30	9.196	1079	1082	1083	rBV3	8898	10192	0.19%	0.017%
31	9.467	1120	1128	1135	rBV	719304	1351809	25.33%	2.270%
32	9.525	1135	1138	1143	rVB6	28312	46791	0.88%	0.079%
33	9.666	1160	1162	1166	rVB5	8883	12314	0.23%	0.021%
34	9.948	1208	1210	1216	rVB7	7214	12365	0.23%	0.021%

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35	10.195	1245	1252	1260	rBV2	603049	1136844	21.30%	1.909%
36	10.724	1335	1342	1351	rVV	883409	1649741	30.91%	2.771%
37	11.124	1403	1410	1417	rBV	875303	1551875	29.08%	2.606%
38	11.253	1424	1432	1443	rVB	825856	1605271	30.08%	2.696%
39	11.470	1463	1469	1470	rBV5	8579	13781	0.26%	0.023%
40	11.541	1477	1481	1483	rVB5	11964	14482	0.27%	0.024%
41	11.693	1503	1507	1508	rVB4	9377	9678	0.18%	0.016%
42	11.852	1530	1534	1538	rBV6	20758	33513	0.63%	0.056%
43	11.993	1553	1558	1561	rBV5	5557	11399	0.21%	0.019%
44	12.022	1561	1563	1566	rVB3	10672	10399	0.19%	0.017%
45	12.481	1635	1641	1643	rBV5	13205	15901	0.30%	0.027%
46	12.516	1643	1647	1648	rVB4	11340	10331	0.19%	0.017%
47	12.528	1648	1649	1653	rBV4	9865	12900	0.24%	0.022%
48	12.563	1653	1655	1661	rVB6	7780	12534	0.23%	0.021%
49	12.663	1669	1672	1673	rBV3	15341	15704	0.29%	0.026%
50	12.681	1673	1675	1676	rVV2	12271	10076	0.19%	0.017%
51	12.775	1689	1691	1696	rVB5	8618	13931	0.26%	0.023%
52	12.963	1719	1723	1724	rVB3	8595	10118	0.19%	0.017%
53	13.068	1738	1741	1744	rBV4	9881	11462	0.21%	0.019%
54	13.174	1754	1759	1760	rVB5	9325	11552	0.22%	0.019%
55	13.262	1771	1774	1780	rBV6	22813	35980	0.67%	0.060%
56	13.509	1812	1816	1823	rVB7	37406	66199	1.24%	0.111%
57	13.632	1836	1837	1841	rVB4	11943	10059	0.19%	0.017%
58	13.773	1857	1861	1866	rVV2	33463	48229	0.90%	0.081%
59	13.991	1896	1898	1901	rBV3	10265	11745	0.22%	0.020%
60	14.302	1945	1951	1955	rBV	1884020	2837979	53.18%	4.766%
61	14.349	1955	1959	1967	rVV	1272815	1872745	35.09%	3.145%
62	14.608	1996	2003	2010	rBV	1879437	3071138	57.55%	5.158%
63	14.760	2025	2029	2035	rVB7	17088	34075	0.64%	0.057%
64	14.907	2045	2054	2063	rVB	1549957	2470868	46.30%	4.150%
65	15.072	2074	2082	2095	rBV	1086118	1805157	33.82%	3.032%
66	15.266	2112	2115	2120	rVB7	16485	25768	0.48%	0.043%
67	15.413	2137	2140	2143	rBV5	9009	12623	0.24%	0.021%
68	15.630	2172	2177	2179	rVV4	19871	29892	0.56%	0.050%
69	15.665	2182	2183	2187	rVV3	23105	34819	0.65%	0.058%
70	15.712	2187	2191	2196	rVB3	46427	74292	1.39%	0.125%
71	15.894	2214	2222	2231	rVB	2674308	4192464	78.56%	7.041%

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72	15.994	2231	2239	2248	rBV	1009057	1633577	30.61%	2.744%
73	16.088	2253	2255	2256	rVV2	12069	11072	0.21%	0.019%
74	16.124	2259	2261	2268	rVB5	41112	70315	1.32%	0.118%
75	16.270	2282	2286	2288	rBV5	15810	20823	0.39%	0.035%
76	16.411	2305	2310	2315	rBV8	11173	21620	0.41%	0.036%
77	16.570	2333	2337	2344	rBV	70997	110531	2.07%	0.186%
78	16.764	2367	2370	2374	rVB3	41648	50676	0.95%	0.085%
79	16.829	2379	2381	2386	rBV6	18057	35807	0.67%	0.060%
80	16.917	2392	2396	2397	rBV4	10127	14057	0.26%	0.024%
81	17.075	2418	2423	2424	rBV5	17021	23851	0.45%	0.040%
82	17.363	2468	2472	2478	rBV3	79075	95860	1.80%	0.161%
83	17.416	2478	2481	2484	rBV5	23727	34985	0.66%	0.059%
84	17.498	2493	2495	2497	rBV2	13203	10772	0.20%	0.018%
85	17.651	2512	2521	2529	rBV2	1989589	3272612	61.32%	5.496%
86	17.751	2531	2538	2548	rVB	2987522	4736557	88.75%	7.955%
87	17.974	2572	2576	2582	rBV9	32675	61873	1.16%	0.104%
88	18.104	2595	2598	2602	rVB2	65867	88720	1.66%	0.149%
89	18.162	2606	2608	2611	rBV4	12634	16660	0.31%	0.028%
90	18.245	2620	2622	2624	rBV3	12523	10342	0.19%	0.017%
91	18.374	2642	2644	2646	rBV3	14345	12963	0.24%	0.022%
92	18.497	2660	2665	2672	rBV2	429856	648875	12.16%	1.090%
93	18.785	2712	2714	2719	rVB4	37055	44266	0.83%	0.074%
94	19.649	2858	2861	2865	rVB4	46675	54940	1.03%	0.092%
95	19.755	2875	2879	2885	rBV2	334511	446642	8.37%	0.750%
96	20.019	2918	2924	2932	rBV	3637437	5336762	100.00%	8.963%
97	21.535	3179	3182	3188	rVB3	266383	358298	6.71%	0.602%
98	21.952	3246	3253	3259	rBV	1975116	3560734	66.72%	5.980%
99	25.166	3791	3800	3811	rVB2	1710785	4864247	91.15%	8.170%
100	25.407	3833	3841	3852	rVB	1219658	3594702	67.36%	6.037%

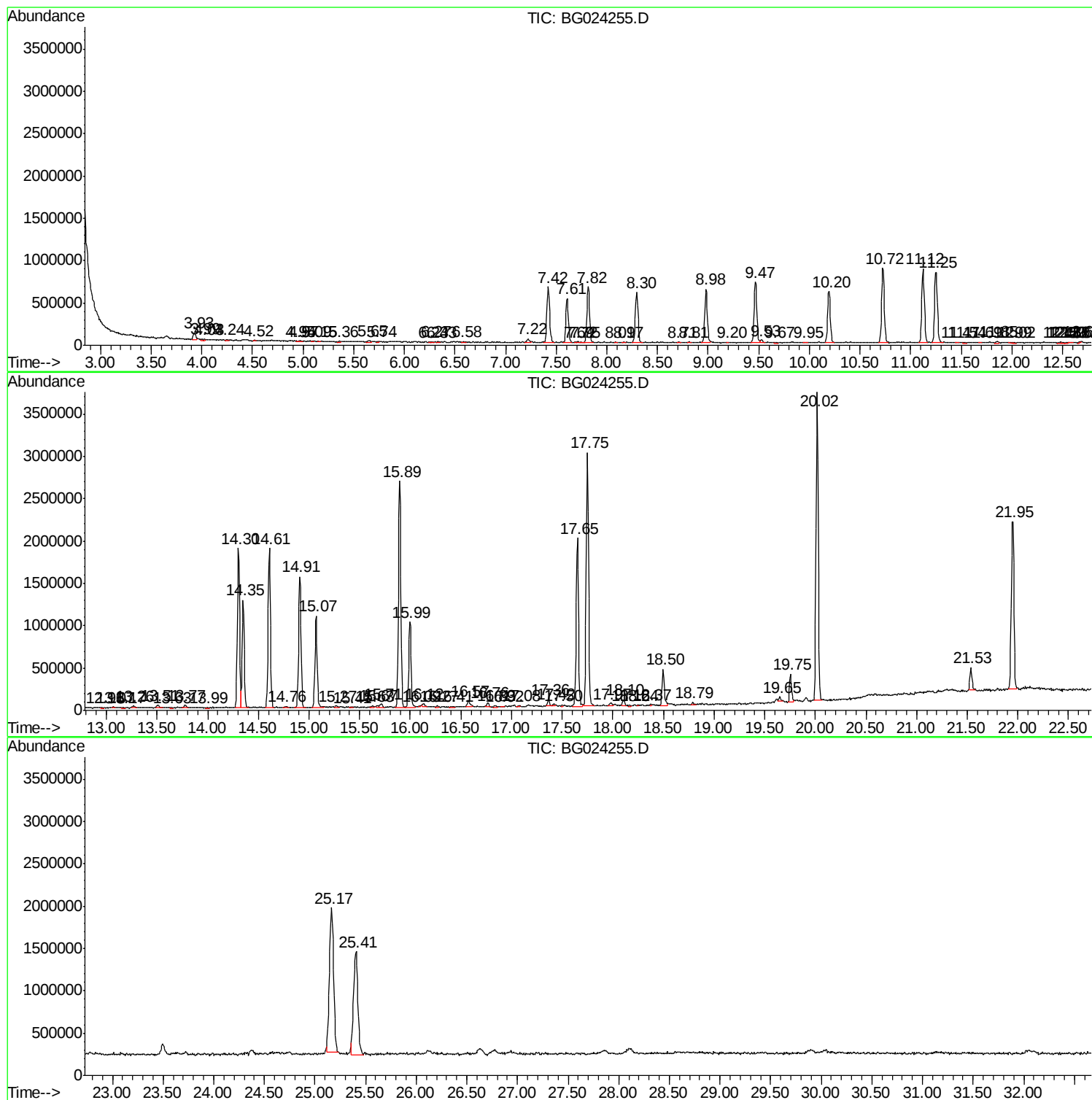
Sum of corrected areas: 59540847

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



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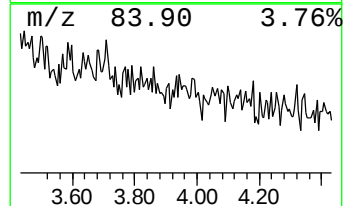
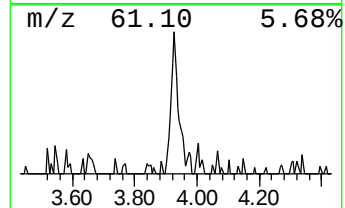
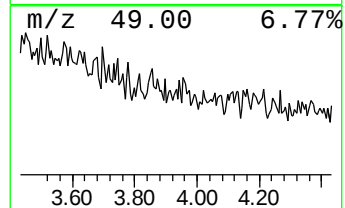
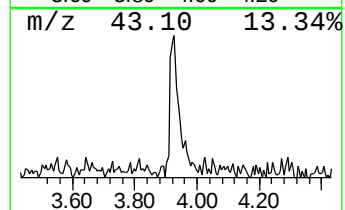
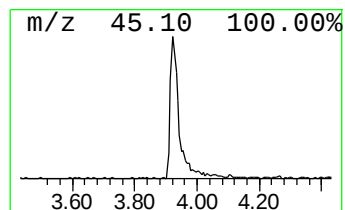
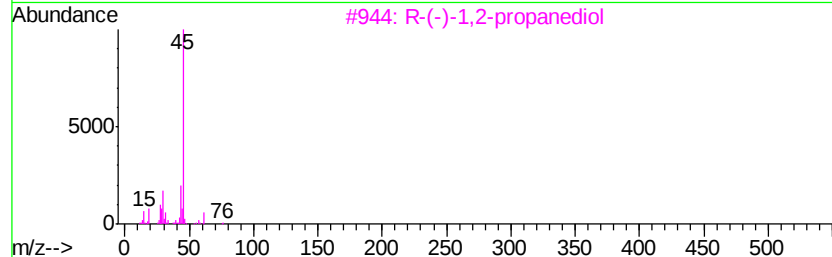
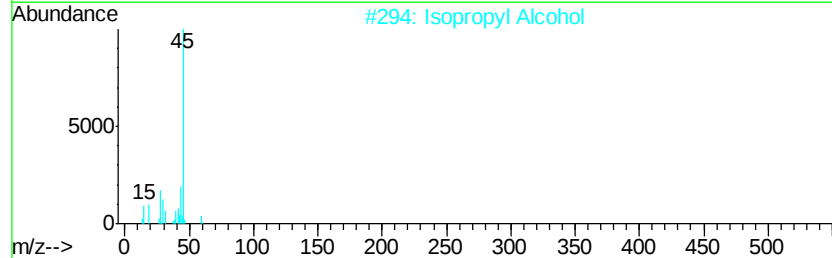
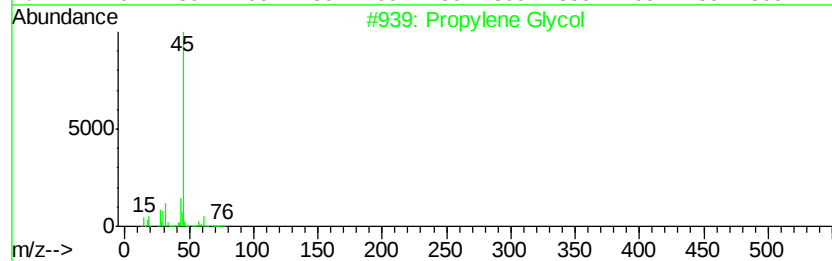
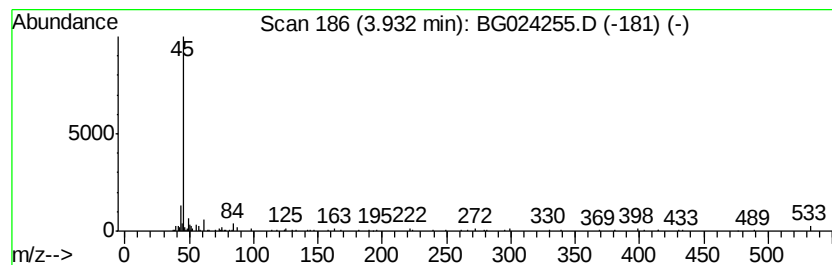
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	2.30 ng/ul	125302	1,4-Dichlorobenzene-d4	8.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	45
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	45
3		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
4		Propylene Glycol	76	C3H8O2	000057-55-6	9
5		Propylene Glycol	76	C3H8O2	000057-55-6	9



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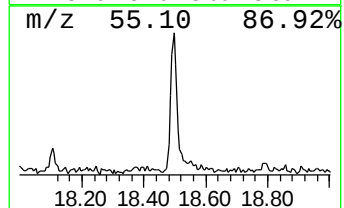
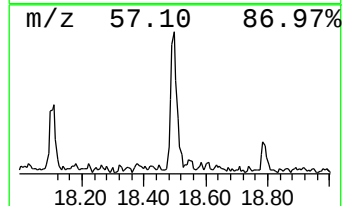
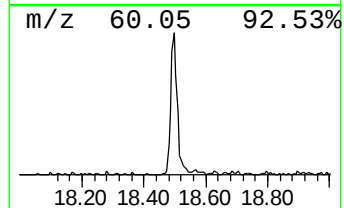
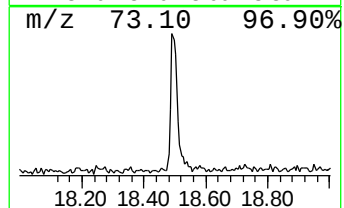
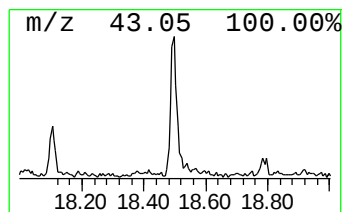
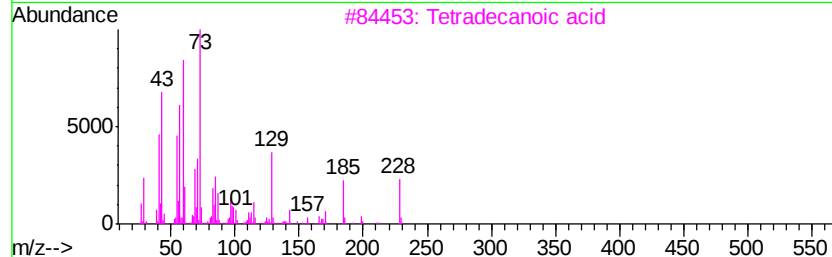
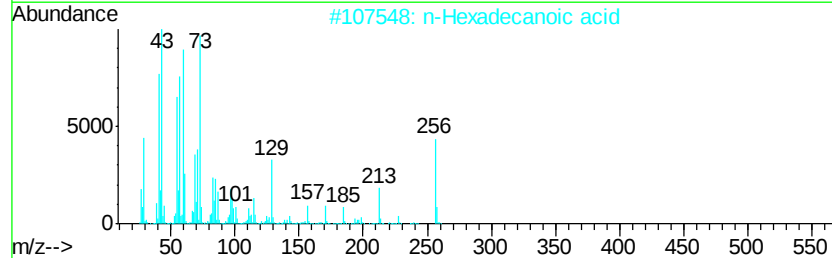
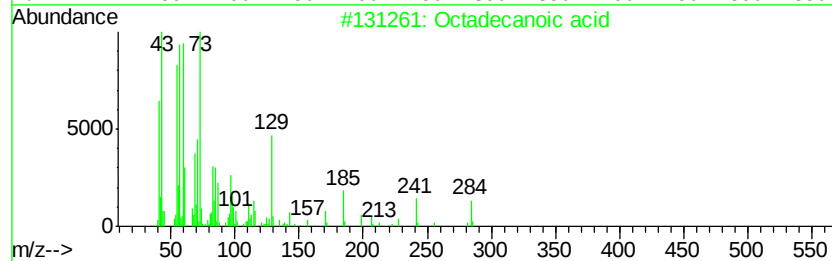
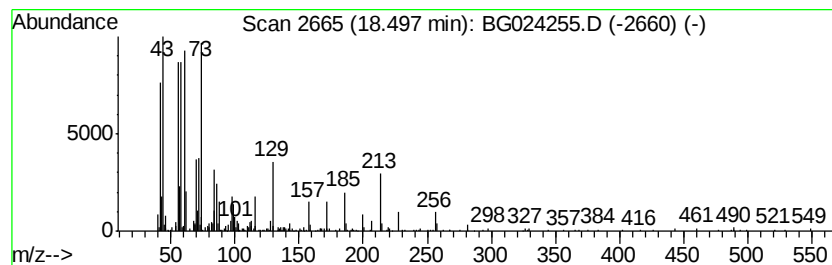
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	3.97 ng/ul	648875	Phenanthrene-d10	17.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	81
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



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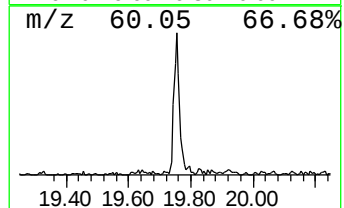
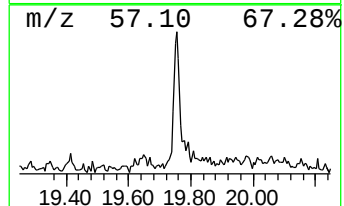
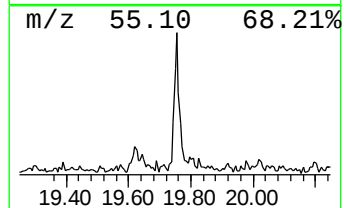
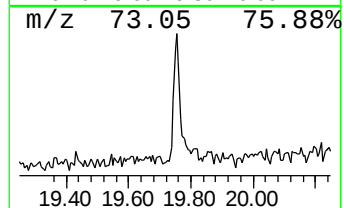
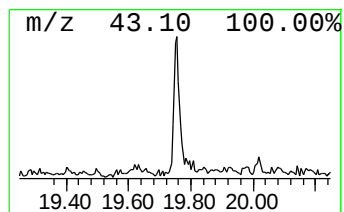
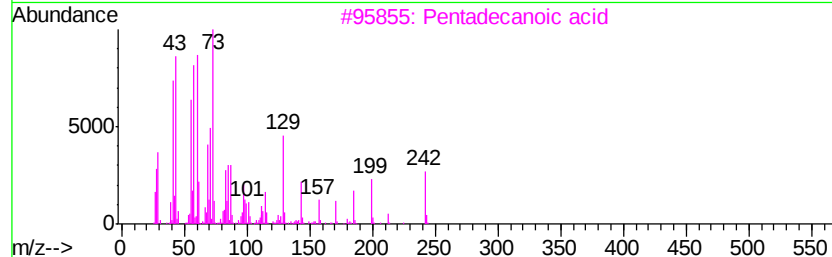
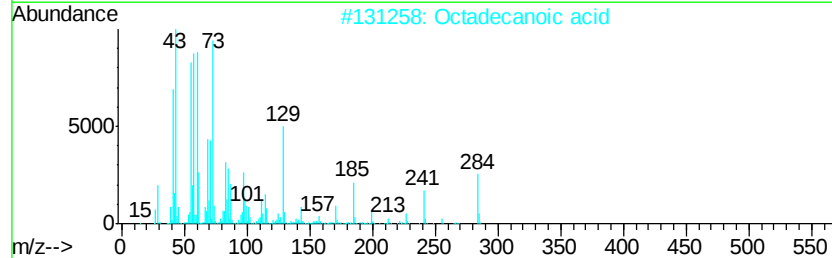
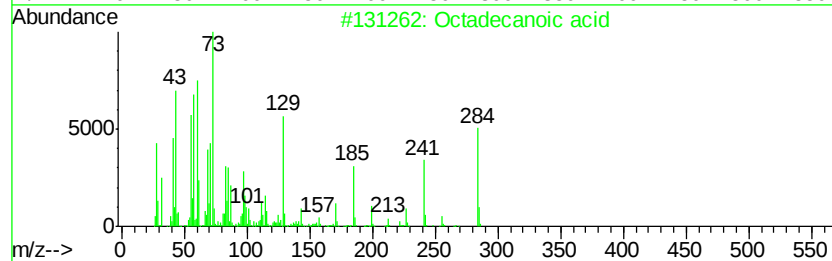
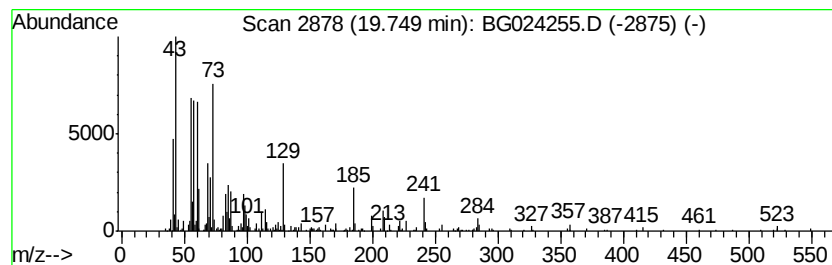
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Peak Number 3 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.73 ng/ul	446642	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		Octadecanoic acid	284	C18H36O2	000057-11-4	53
5		n-Decanoic acid	172	C10H20O2	000334-48-5	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101016\
Data File : BG024255.D
Acq On : 11 Oct 2016 1:35
Operator : UM/SJ
Sample : H5098-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNP7

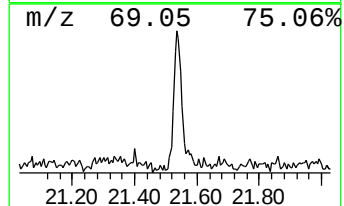
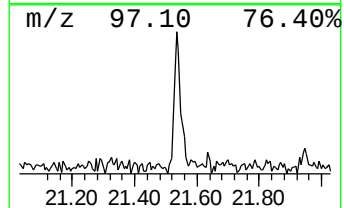
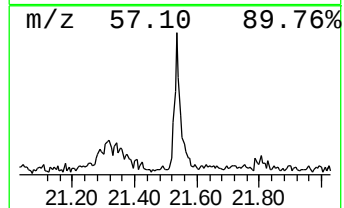
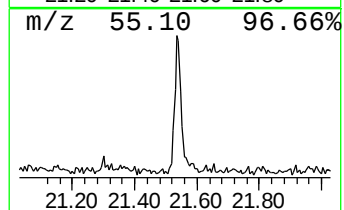
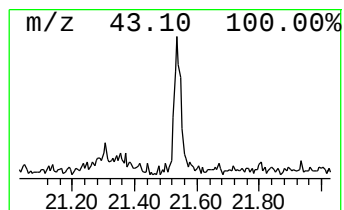
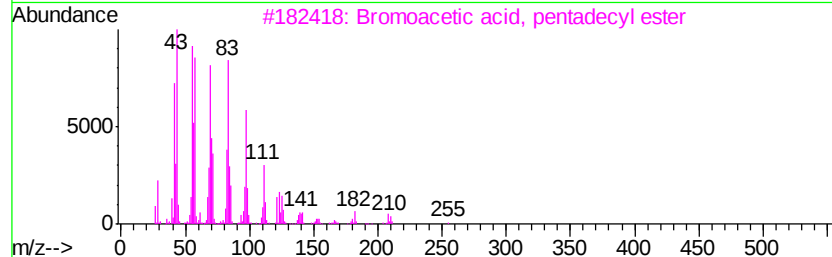
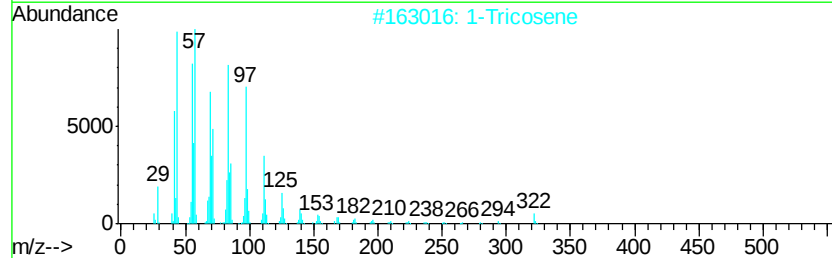
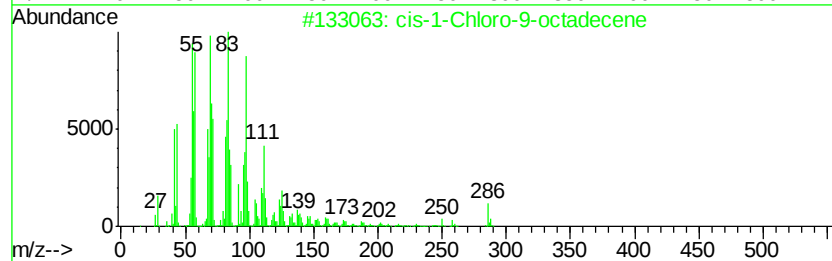
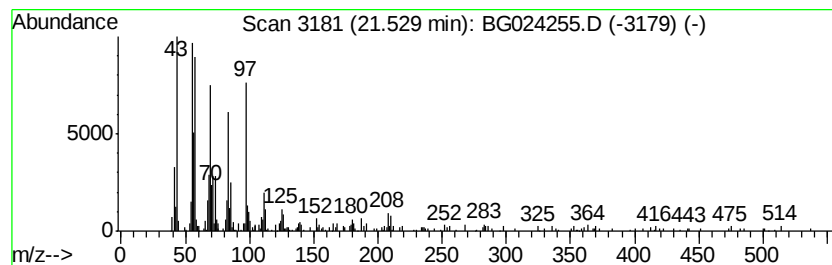
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 cis-1-Chloro-9-octadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	2.01 ng/ul	358298	Chrysene-d12	21.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	87
2		1-Tricosene	322	C23H46	018835-32-0	87
3		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	86
4		Cycloeicosane	280	C20H40	000296-56-0	86
5		11-Tricosene	322	C23H46	052078-56-5	86



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BNA_G
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BDNP7

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
unknown-01	3.93	2.3	ng/ul	125302	1	8.29	1088400	20.0
Octadecanoic acid	18.50	4.0	ng/ul	648875	4	17.65	3272610	20.0
Pentadecanoic acid	19.75	2.7	ng/ul	446642	4	17.65	3272610	20.0
cis-1-Chloro-9-oc...	21.53	2.0	ng/ul	358298	5	21.95	3560730	20.0