

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022822.D
 Acq On : 3 Jul 2016 9:53
 Operator : UM/SJ
 Sample : H3844-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHX2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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	3.808	161	165	174	rBV	128944	211003	3.96%	0.395%
2	4.143	220	222	223	rBV2	9431	7311	0.14%	0.014%
3	4.977	363	364	367	rBV2	9767	9911	0.19%	0.019%
4	5.177	394	398	399	rBV3	5912	7856	0.15%	0.015%
5	5.459	444	446	448	rBV3	8610	7405	0.14%	0.014%
6	6.205	571	573	578	rVB3	12238	10332	0.19%	0.019%
7	6.346	594	597	599	rBV3	7289	8552	0.16%	0.016%
8	6.370	599	601	608	rVB7	7389	10747	0.20%	0.020%
9	7.128	725	730	731	rBV4	9897	12558	0.24%	0.024%
10	7.304	753	760	770	rBV	647544	1146985	21.51%	2.147%
11	7.474	782	789	796	rVB	468956	782797	14.68%	1.466%
12	7.686	816	825	834	rBV	601567	1069813	20.07%	2.003%
13	8.021	881	882	889	rVB4	5623	7269	0.14%	0.014%
14	8.156	898	905	914	rVB2	411567	723798	13.58%	1.355%
15	8.444	950	954	958	rBV5	7317	13435	0.25%	0.025%
16	8.861	1016	1025	1033	rBV	856761	1470753	27.58%	2.753%
17	9.325	1097	1104	1113	rVB	657551	1175531	22.05%	2.201%
18	9.419	1113	1120	1122	rBV5	16510	26909	0.50%	0.050%
19	9.854	1191	1194	1198	rBV3	7596	9887	0.19%	0.019%
20	9.942	1207	1209	1213	rBV3	5776	8358	0.16%	0.016%
21	10.054	1220	1228	1235	rBV2	584088	1063244	19.94%	1.991%
22	10.594	1312	1320	1332	rBV	901868	1598031	29.97%	2.992%
23	10.741	1339	1345	1346	rBV4	9163	10572	0.20%	0.020%
24	10.982	1379	1386	1395	rBV	618248	1116426	20.94%	2.090%
25	11.117	1401	1409	1417	rBV	802273	1485642	27.86%	2.781%
26	11.229	1426	1428	1431	rVB3	8377	9626	0.18%	0.018%
27	11.493	1471	1473	1478	rVB4	6813	10011	0.19%	0.019%
28	11.552	1481	1483	1488	rVB5	6547	10926	0.20%	0.020%
29	11.752	1514	1517	1519	rBV3	8281	11556	0.22%	0.022%
30	12.445	1634	1635	1638	rBV3	7698	8194	0.15%	0.015%
31	12.563	1651	1655	1659	rBV3	20162	30373	0.57%	0.057%
32	13.150	1751	1755	1757	rBV4	8171	6761	0.13%	0.013%
33	13.397	1794	1797	1800	rVB5	9475	7424	0.14%	0.014%
34	13.603	1828	1832	1835	rBV3	5271	6904	0.13%	0.013%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	13.667	1842	1843	1846	rBV2	7027	7352	0.14%	0.014%
36	14.031	1900	1905	1907	rBV5	6415	10136	0.19%	0.019%
37	14.190	1925	1932	1937	rBV	1831075	2813687	52.77%	5.268%
38	14.237	1937	1940	1949	rVB	352797	485868	9.11%	0.910%
39	14.496	1976	1984	1993	rBV	1797209	2984034	55.97%	5.587%
40	14.672	2011	2014	2018	rVB4	10130	10955	0.21%	0.021%
41	14.801	2029	2036	2045	rVB2	1142519	1902776	35.69%	3.562%
42	14.989	2061	2068	2076	rBV	942812	1542825	28.94%	2.888%
43	15.148	2093	2095	2098	rBV3	5723	7701	0.14%	0.014%
44	15.183	2098	2101	2104	rVV5	18327	19110	0.36%	0.036%
45	15.571	2164	2167	2171	rBV3	13102	22567	0.42%	0.042%
46	15.624	2172	2176	2183	rVB2	29323	43964	0.82%	0.082%
47	15.682	2183	2186	2188	rBV3	5993	8026	0.15%	0.015%
48	15.788	2196	2204	2213	rBV	2587733	4111010	77.10%	7.696%
49	15.900	2217	2223	2239	rVV	1022576	1491505	27.97%	2.792%
50	16.029	2240	2245	2250	rVB4	40396	68104	1.28%	0.128%
51	16.241	2278	2281	2285	rVB6	7763	11125	0.21%	0.021%
52	16.370	2300	2303	2305	rBV4	9766	8022	0.15%	0.015%
53	16.435	2313	2314	2317	rBV3	10415	7582	0.14%	0.014%
54	16.482	2320	2322	2325	rBV4	26987	29397	0.55%	0.055%
55	16.670	2351	2354	2358	rBV5	10571	15973	0.30%	0.030%
56	16.752	2365	2368	2373	rBV7	11515	21329	0.40%	0.040%
57	16.887	2390	2391	2393	rBV2	9274	9133	0.17%	0.017%
58	16.922	2393	2397	2404	rVB8	54495	94382	1.77%	0.177%
59	17.057	2417	2420	2421	rBV3	17707	15549	0.29%	0.029%
60	17.281	2454	2458	2461	rBV2	90123	112498	2.11%	0.211%
61	17.551	2498	2504	2511	rBV2	1597585	2483229	46.57%	4.649%
62	17.651	2515	2521	2528	rVB	2927217	4411065	82.73%	8.258%
63	17.821	2546	2550	2553	rBV5	25667	38961	0.73%	0.073%
64	18.021	2580	2584	2589	rBV	92491	107543	2.02%	0.201%
65	18.291	2626	2630	2634	rBV5	34241	51370	0.96%	0.096%
66	18.420	2647	2652	2659	rBV	389426	524329	9.83%	0.982%
67	18.926	2736	2738	2741	rBV4	9978	9564	0.18%	0.018%
68	19.566	2844	2847	2855	rVB2	66776	100006	1.88%	0.187%
69	19.684	2862	2867	2873	rBV2	129566	188969	3.54%	0.354%
70	19.789	2883	2885	2886	rBV2	13223	9549	0.18%	0.018%
71	19.813	2887	2889	2896	rVB3	31375	57059	1.07%	0.107%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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72	19.936	2903	2910	2916	rBV	3483473	5331736	100.00%	9.982%
73	21.464	3165	3170	3175	rBV6	91168	178527	3.35%	0.334%
74	21.852	3230	3236	3244	rVB	1835411	3058479	57.36%	5.726%
75	23.591	3525	3532	3540	rVB2	430856	872898	16.37%	1.634%
76	24.989	3760	3770	3786	rVB2	1763072	5085966	95.39%	9.522%
77	25.224	3800	3810	3823	rVB	1019935	2953491	55.39%	5.529%

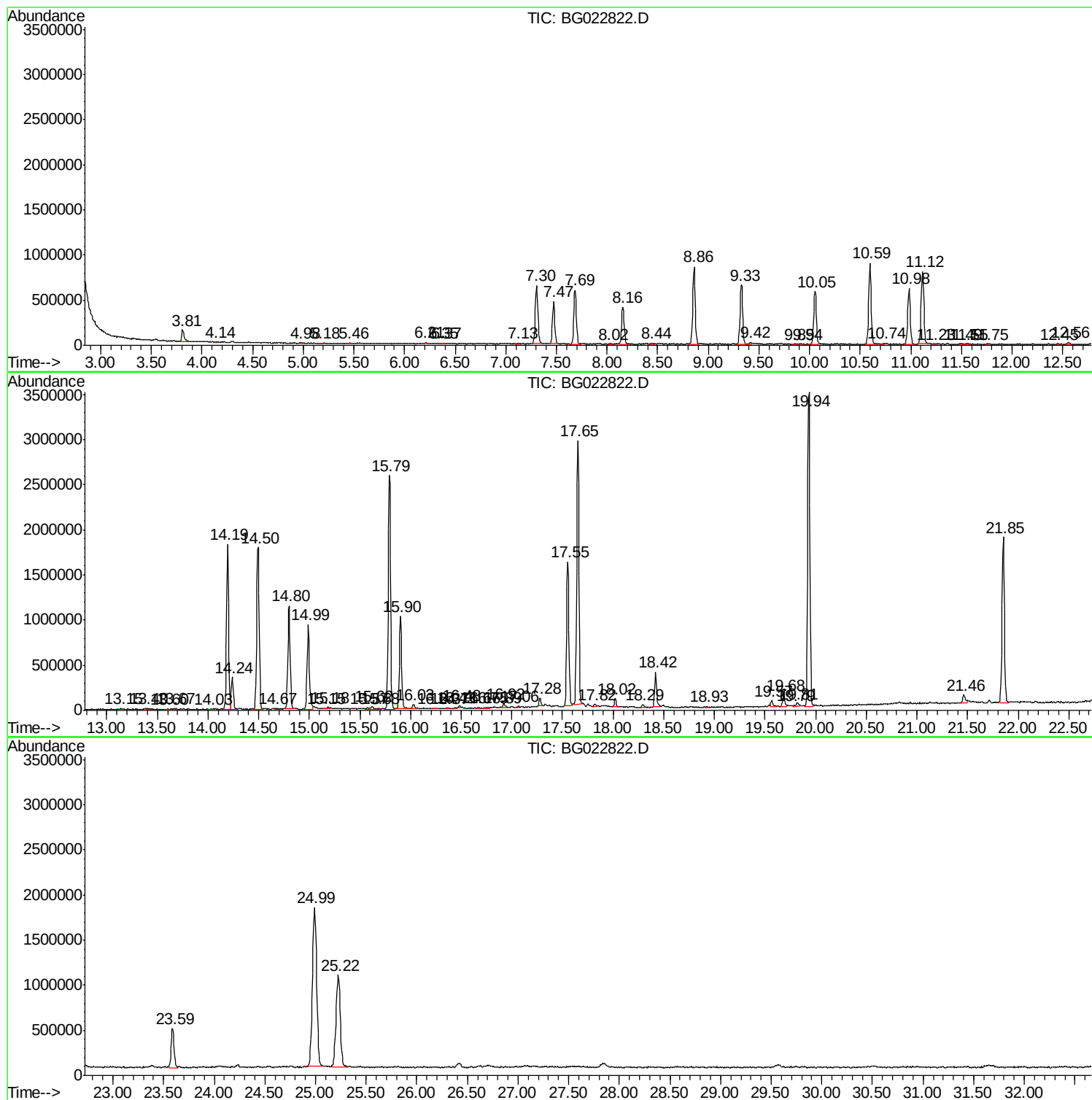
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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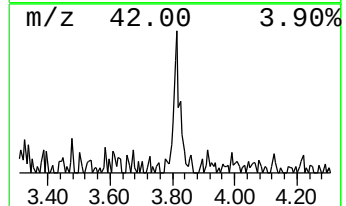
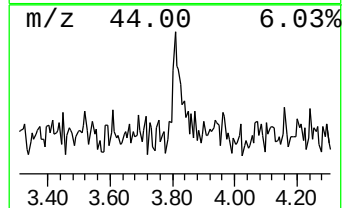
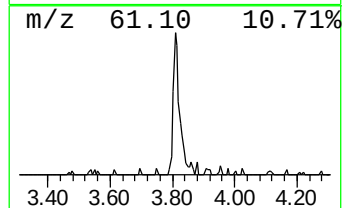
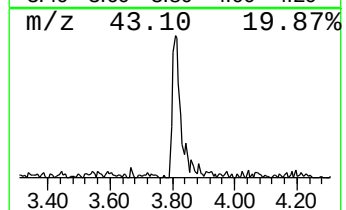
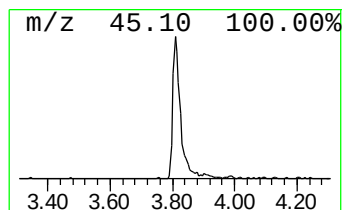
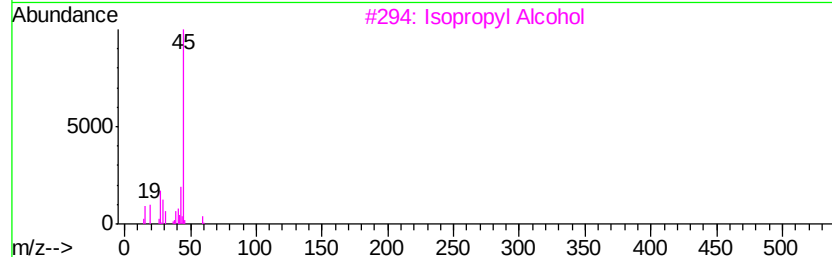
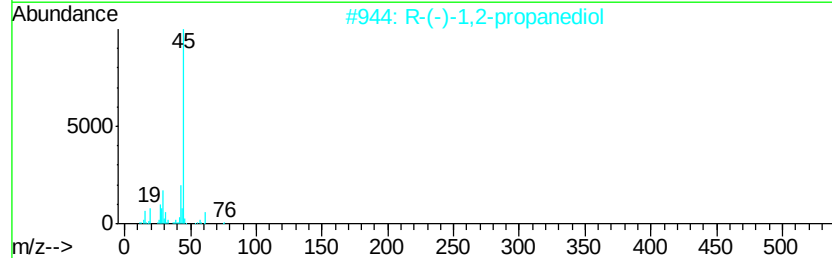
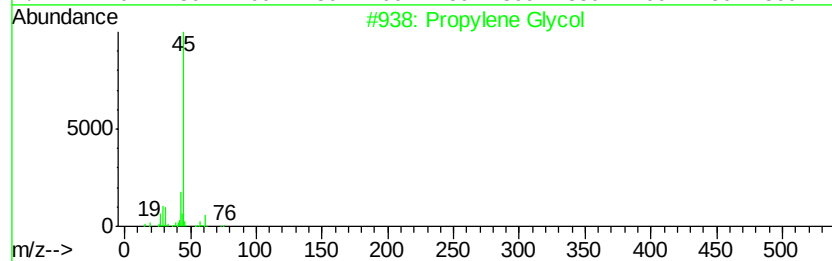
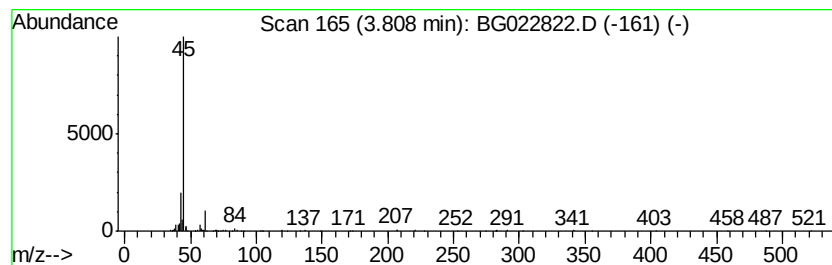
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Propylene Glycol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	5.83 ng/ul	211003	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	64
2		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	64
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	45
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	45
5		2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	10



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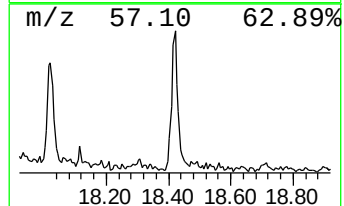
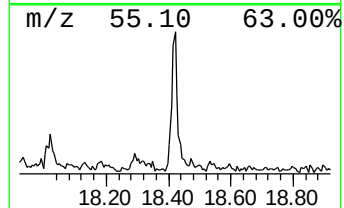
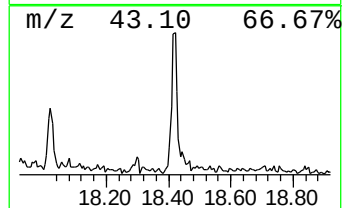
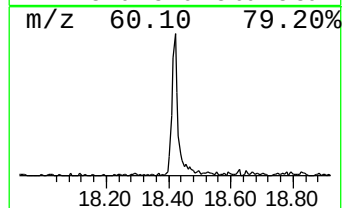
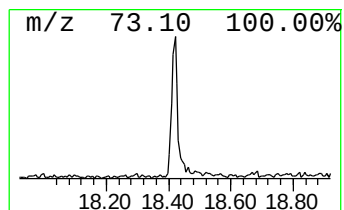
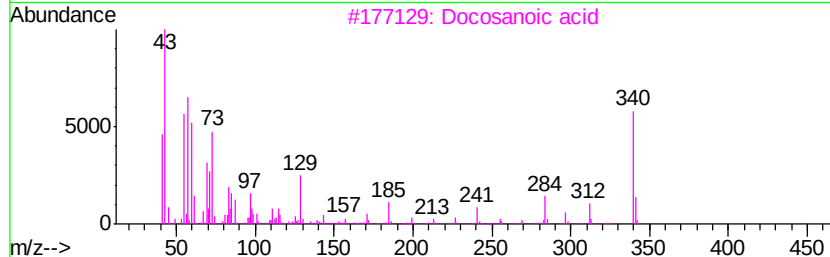
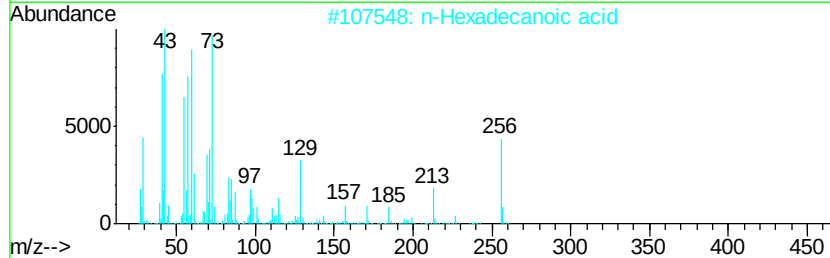
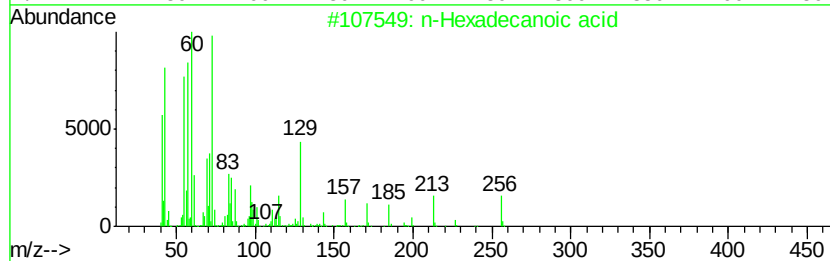
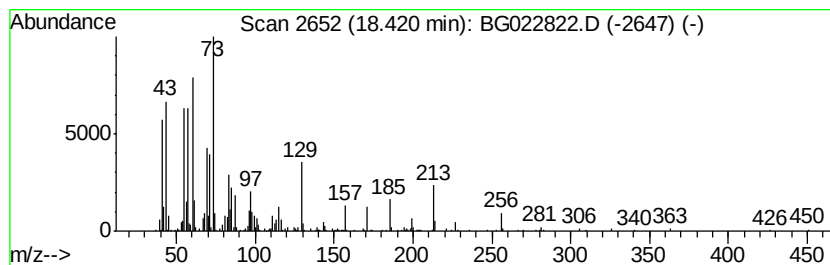
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.42	4.22 ng/ul	524329	Phenanthrene-d10		17.55	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Docosanoic acid	340	C22H44O2	000112-85-6	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	62



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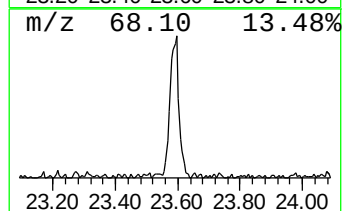
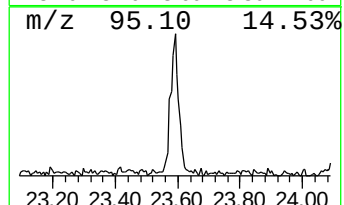
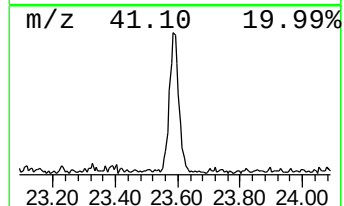
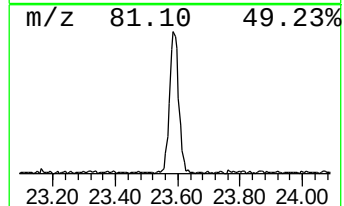
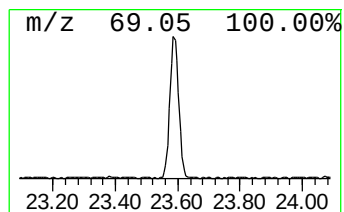
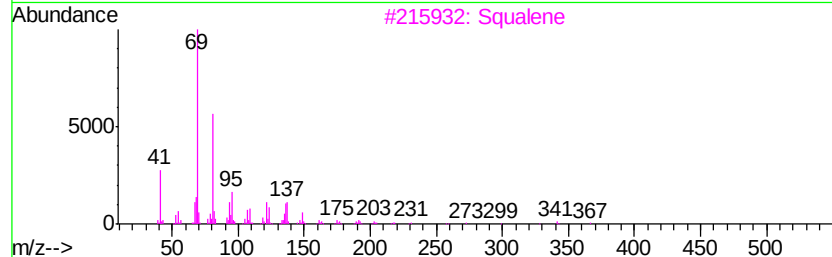
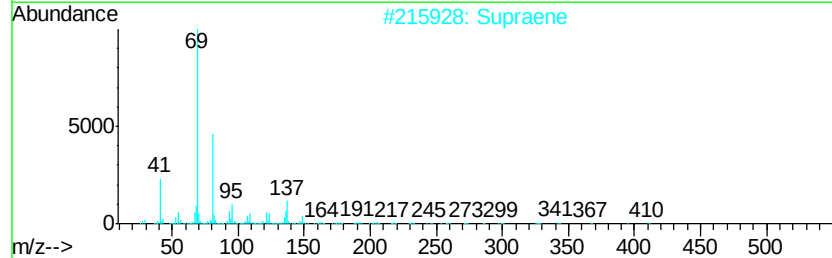
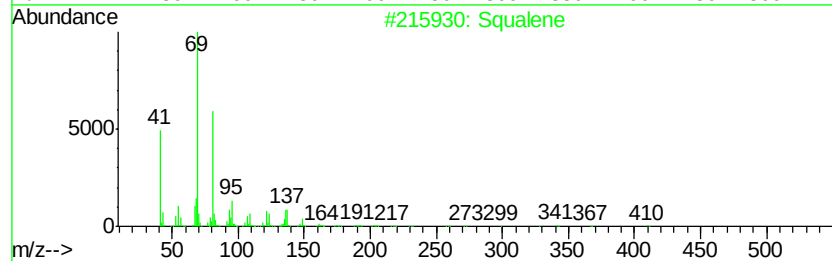
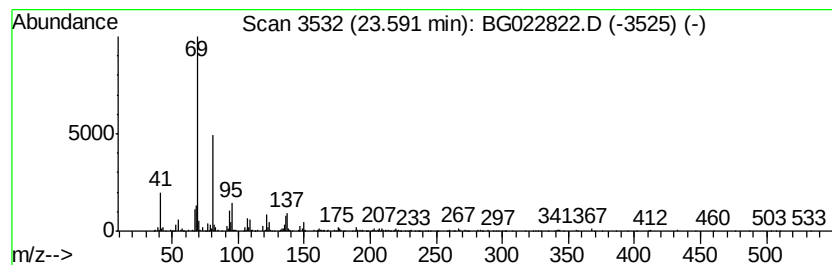
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	5.91 ng/ul	872898	Perylene-d12	25.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	98
2	Supraene	410 C30H50	007683-64-9	95
3	Squalene	410 C30H50	000111-02-4	80
4	Squalene	410 C30H50	000111-02-4	68
5	4-Methyl-1,5-Heptadiene	110 C8H14	000998-94-7	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propylene Glycol	3.81	5.8	ng/ul	211003	1	8.16	723798	20.0
n-Hexadecanoic acid	18.42	4.2	ng/ul	524329	4	17.55	2483230	20.0
Squalene	23.59	5.9	ng/ul	872898	6	25.22	2953490	20.0