

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022823.D
 Acq On : 3 Jul 2016 10:33
 Operator : UM/SJ
 Sample : H3844-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHY3

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	3.538	117	119	127	rVB5	16541	22987	0.49%	0.047%
2	3.814	161	166	173	rBV	81091	137315	2.93%	0.283%
3	3.914	182	183	187	rVB4	9249	7925	0.17%	0.016%
4	3.955	187	190	193	rBV4	6425	9165	0.20%	0.019%
5	4.072	207	210	212	rBV3	6592	6645	0.14%	0.014%
6	4.190	227	230	234	rBV5	4500	6612	0.14%	0.014%
7	4.301	246	249	250	rVV	9987	9572	0.20%	0.020%
8	4.454	272	275	276	rBV2	8902	7306	0.16%	0.015%
9	4.548	289	291	294	rBV3	6558	7258	0.15%	0.015%
10	4.619	299	303	304	rVB2	5426	6714	0.14%	0.014%
11	4.983	364	365	369	rVB3	6102	6553	0.14%	0.013%
12	5.083	380	382	385	rVB2	7221	6705	0.14%	0.014%
13	5.377	431	432	435	rBV2	6666	6652	0.14%	0.014%
14	5.441	441	443	450	rVB6	9764	18055	0.39%	0.037%
15	5.612	470	472	475	rVB3	9156	6725	0.14%	0.014%
16	5.741	490	494	496	rBV2	6816	7240	0.15%	0.015%
17	6.211	572	574	578	rVB4	6626	7870	0.17%	0.016%
18	6.317	588	592	594	rBV3	7379	7641	0.16%	0.016%
19	7.133	726	731	737	rBV6	11918	22217	0.47%	0.046%
20	7.239	745	749	751	rBV2	6571	8137	0.17%	0.017%
21	7.304	751	760	769	rVV	578582	1020665	21.77%	2.101%
22	7.474	782	789	796	rBV	426653	723951	15.44%	1.490%
23	7.574	805	806	812	rVB4	6223	6628	0.14%	0.014%
24	7.686	817	825	835	rVB	535537	923076	19.69%	1.900%
25	8.156	897	905	913	rVB	455010	794630	16.95%	1.636%
26	8.308	928	931	933	rVB4	8032	8507	0.18%	0.018%
27	8.326	933	934	937	rBV2	6818	7099	0.15%	0.015%
28	8.391	939	945	948	rBV5	10099	19164	0.41%	0.039%
29	8.438	951	953	954	rBV2	7159	6911	0.15%	0.014%
30	8.690	994	996	1001	rBV4	5786	8871	0.19%	0.018%
31	8.814	1013	1017	1018	rBV3	7958	7414	0.16%	0.015%
32	8.861	1018	1025	1032	rVV2	763323	1272312	27.14%	2.619%
33	8.996	1043	1048	1049	rVB4	5542	7222	0.15%	0.015%
34	9.166	1075	1077	1081	rVB3	7612	10074	0.21%	0.021%

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35	9.331	1097	1105	1112	rVV	595170	1051571	22.43%	2.164%
36	9.419	1115	1120	1128	rVV10	12690	30118	0.64%	0.062%
37	9.489	1128	1132	1137	rVV8	5033	7115	0.15%	0.015%
38	9.625	1153	1155	1159	rBV4	6020	8788	0.19%	0.018%
39	9.713	1167	1170	1174	rVB3	9381	10963	0.23%	0.023%
40	10.053	1219	1228	1236	rBV	514782	968054	20.65%	1.993%
41	10.435	1289	1293	1294	rBV3	9215	9714	0.21%	0.020%
42	10.482	1299	1301	1305	rVB4	8541	8240	0.18%	0.017%
43	10.600	1314	1321	1328	rBV	768301	1393275	29.72%	2.868%
44	10.747	1343	1346	1350	rVB6	12280	16781	0.36%	0.035%
45	10.941	1376	1379	1380	rBV3	6853	7586	0.16%	0.016%
46	10.988	1380	1387	1394	rVV	662735	1208436	25.78%	2.487%
47	11.041	1394	1396	1400	rVB4	6612	7112	0.15%	0.015%
48	11.117	1402	1409	1417	rBV	695576	1265614	27.00%	2.605%
49	11.505	1472	1475	1480	rVB7	7254	10252	0.22%	0.021%
50	11.552	1480	1483	1485	rBV3	5732	7201	0.15%	0.015%
51	11.728	1511	1513	1515	rBV3	7900	8074	0.17%	0.017%
52	11.810	1525	1527	1530	rVB4	6243	7594	0.16%	0.016%
53	11.869	1534	1537	1539	rBV3	5567	7309	0.16%	0.015%
54	12.028	1561	1564	1569	rBV7	6101	9328	0.20%	0.019%
55	12.368	1619	1622	1624	rBV3	6579	8503	0.18%	0.018%
56	12.562	1649	1655	1659	rBV4	21067	34063	0.73%	0.070%
57	12.997	1727	1729	1735	rVB7	5375	8231	0.18%	0.017%
58	13.150	1750	1755	1757	rBV5	13134	17012	0.36%	0.035%
59	13.238	1765	1770	1771	rBV5	5204	8007	0.17%	0.016%
60	13.320	1781	1784	1788	rVB5	15922	21026	0.45%	0.043%
61	13.397	1792	1797	1801	rVB6	18860	28911	0.62%	0.060%
62	13.579	1825	1828	1830	rBV2	9243	10927	0.23%	0.022%
63	13.602	1830	1832	1838	rVV7	11493	16429	0.35%	0.034%
64	13.684	1841	1846	1849	rVV7	11835	18591	0.40%	0.038%
65	13.931	1886	1888	1890	rBV2	7738	7737	0.17%	0.016%
66	14.037	1903	1906	1907	rBV3	9324	7838	0.17%	0.016%
67	14.196	1925	1933	1938	rBV	1696299	2475162	52.80%	5.095%
68	14.243	1938	1941	1948	rVB	371934	534981	11.41%	1.101%
69	14.425	1969	1972	1973	rBV3	9881	8817	0.19%	0.018%
70	14.495	1977	1984	1991	rBV	1668620	2589869	55.25%	5.331%
71	14.625	2002	2006	2008	rBV4	11256	13171	0.28%	0.027%

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72	14.672	2012	2014	2019	rVB5	13396	11694	0.25%	0.024%
73	14.801	2029	2036	2044	rVB2	1228994	2030701	43.32%	4.180%
74	14.877	2047	2049	2051	rBV3	6869	6678	0.14%	0.014%
75	14.995	2062	2069	2080	rBV	746096	1320796	28.17%	2.719%
76	15.288	2113	2119	2125	rBV10	17419	33150	0.71%	0.068%
77	15.406	2136	2139	2141	rBV4	9910	13057	0.28%	0.027%
78	15.582	2164	2169	2172	rBV5	27548	49571	1.06%	0.102%
79	15.618	2172	2175	2179	rVB5	21719	36996	0.79%	0.076%
80	15.794	2196	2205	2213	rBV	2325950	3637678	77.60%	7.487%
81	15.905	2217	2224	2232	rBV	816684	1239592	26.44%	2.551%
82	16.029	2241	2245	2250	rVB4	63827	105126	2.24%	0.216%
83	16.293	2288	2290	2292	rBV3	10698	9215	0.20%	0.019%
84	16.511	2319	2327	2332	rBV4	89384	190713	4.07%	0.393%
85	16.616	2342	2345	2349	rVB5	21412	32569	0.69%	0.067%
86	16.740	2363	2366	2369	rBV5	18909	25800	0.55%	0.053%
87	16.998	2408	2410	2417	rVB6	26312	33860	0.72%	0.070%
88	17.280	2455	2458	2462	rVB	100461	107330	2.29%	0.221%
89	17.333	2464	2467	2472	rVB5	57756	76891	1.64%	0.158%
90	17.551	2498	2504	2511	rBV2	1612505	2604874	55.57%	5.362%
91	17.650	2515	2521	2528	rVB	2481099	3836221	81.83%	7.896%
92	17.821	2548	2550	2559	rVB8	36411	51631	1.10%	0.106%
93	18.026	2581	2585	2588	rBV3	83681	110978	2.37%	0.228%
94	18.420	2648	2652	2659	rBV2	252017	350717	7.48%	0.722%
95	19.683	2864	2867	2871	rVB6	64814	72762	1.55%	0.150%
96	19.936	2904	2910	2919	rVB	3126815	4687876	100.00%	9.649%
97	21.851	3230	3236	3247	rVB	1782986	3112493	66.39%	6.406%
98	23.591	3527	3532	3539	rVB2	273895	522027	11.14%	1.074%
99	24.989	3761	3770	3782	rBV2	1470989	4265775	91.00%	8.780%
100	25.230	3801	3811	3821	rVB	1024336	3019563	64.41%	6.215%

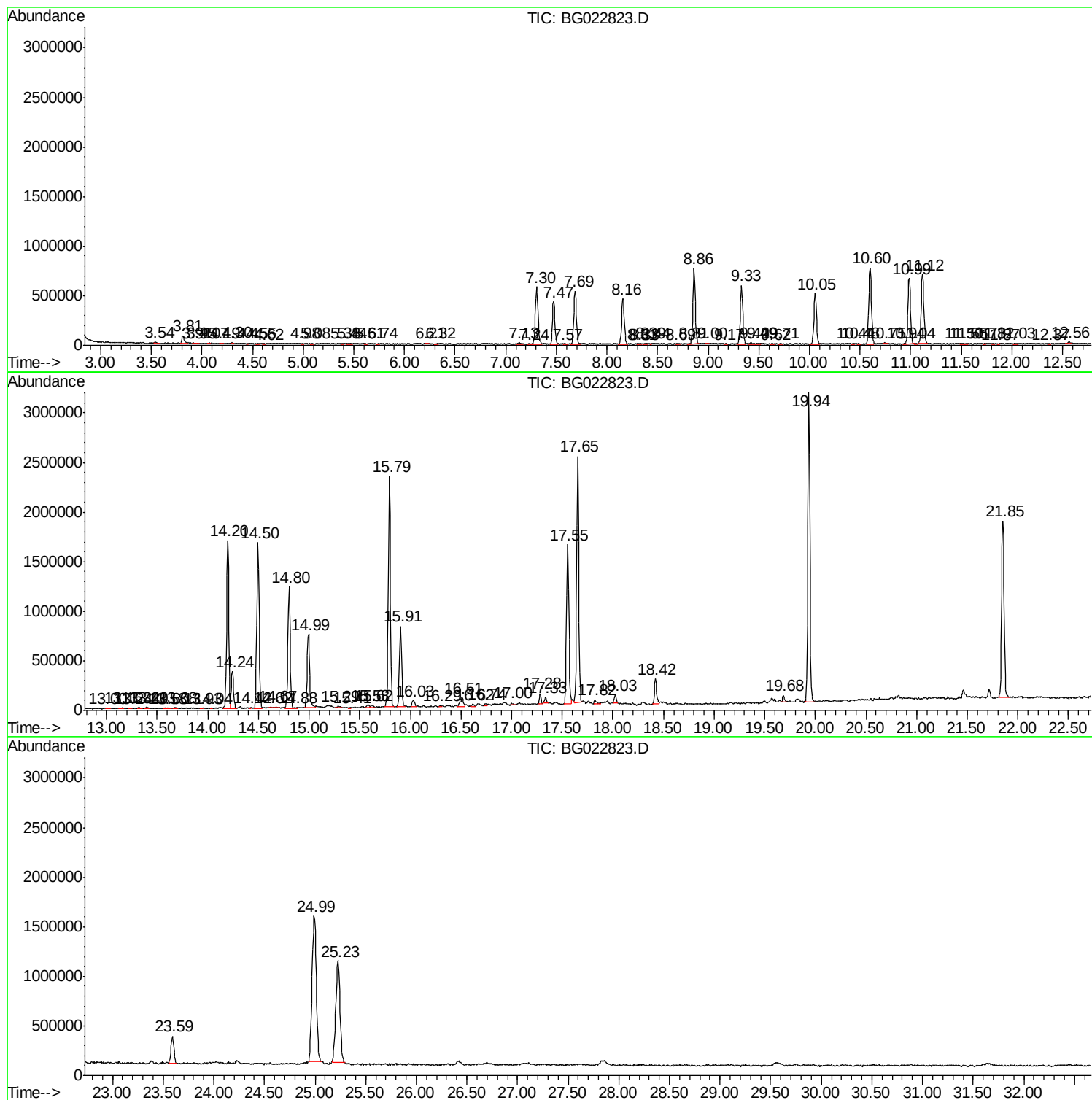
Sum of corrected areas: 48584552

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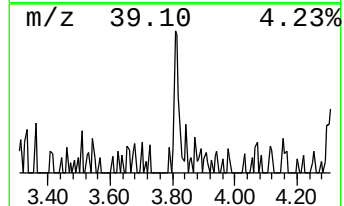
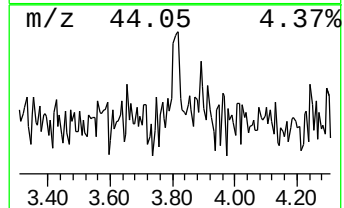
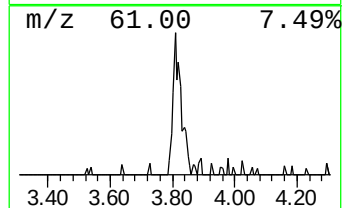
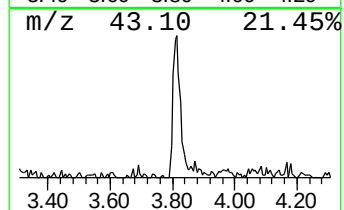
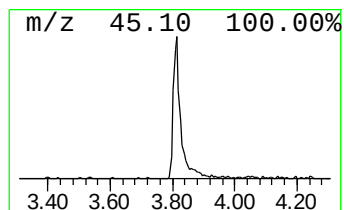
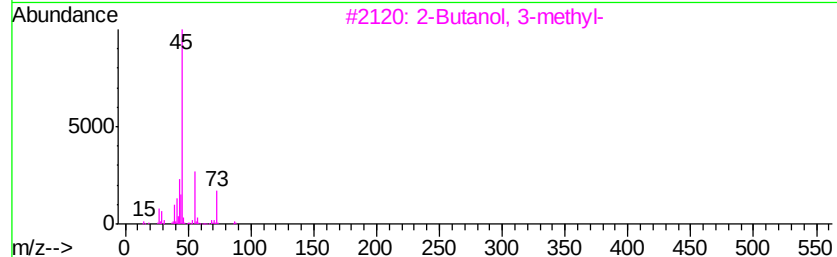
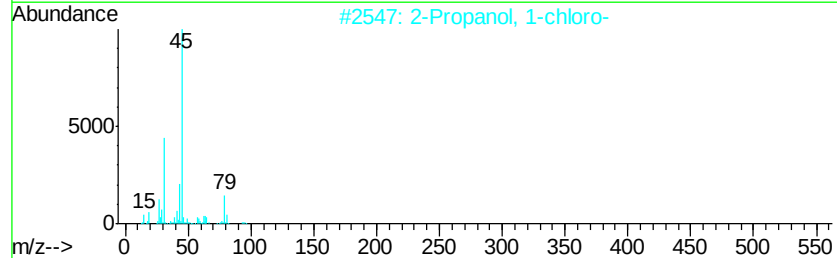
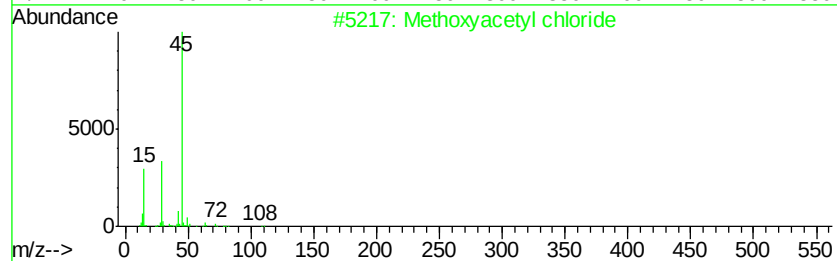
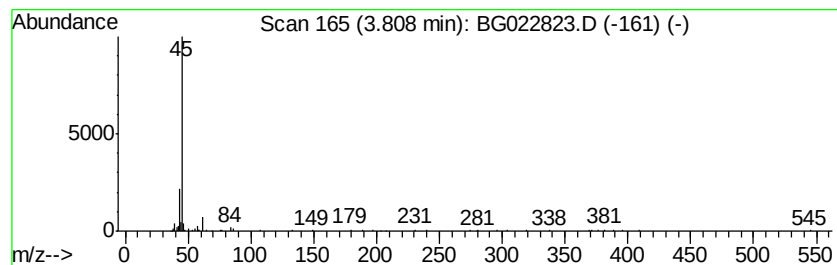
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	3.46 ng/ul	137315	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methoxyacetvl chloride	108	C3H5ClO2	038870-89-2	39
2		2-Propanol, 1-chloro-	94	C3H7ClO	000127-00-4	9
3		2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5		Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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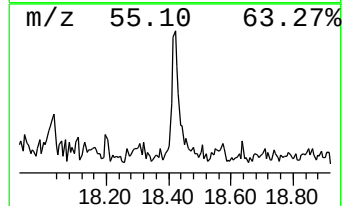
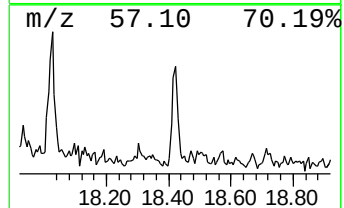
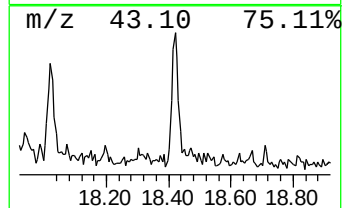
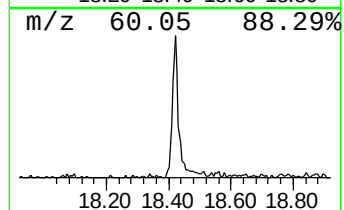
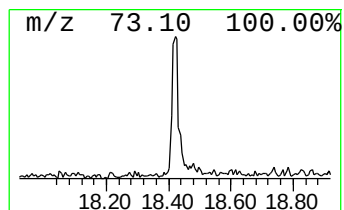
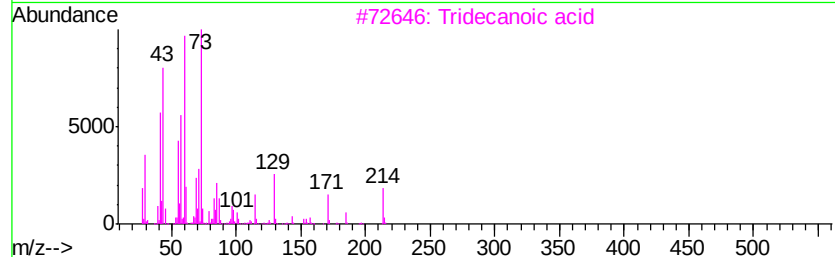
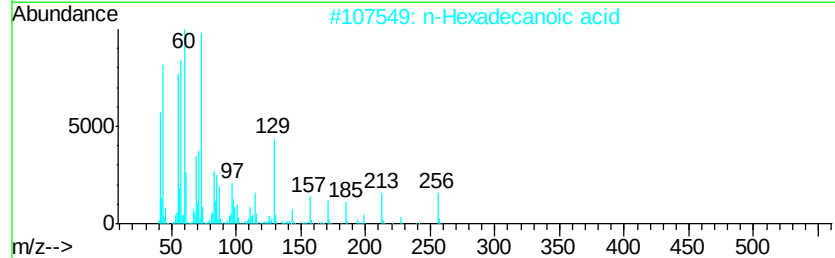
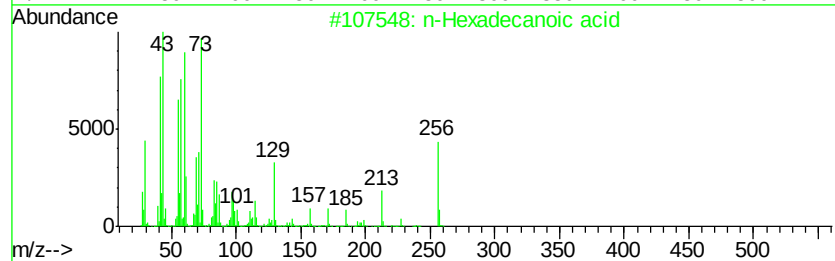
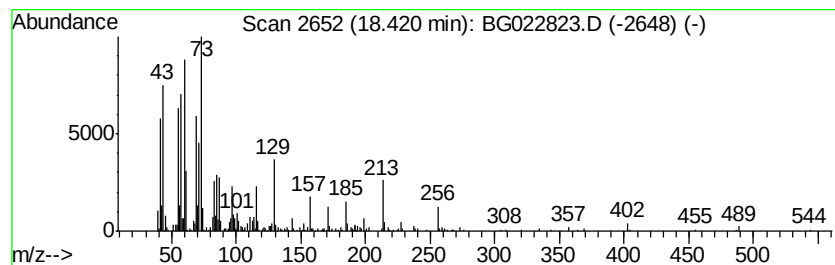
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.69 ng/ul	350717	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3		Tridecanoic acid	214	C13H26O2	000638-53-9	86
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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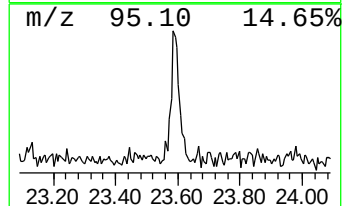
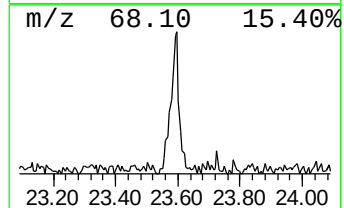
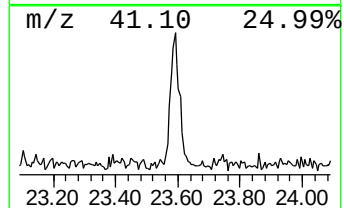
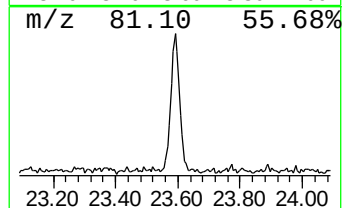
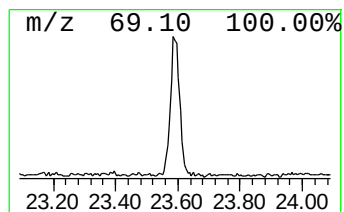
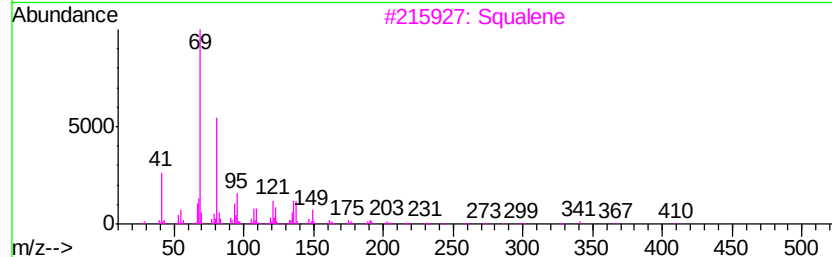
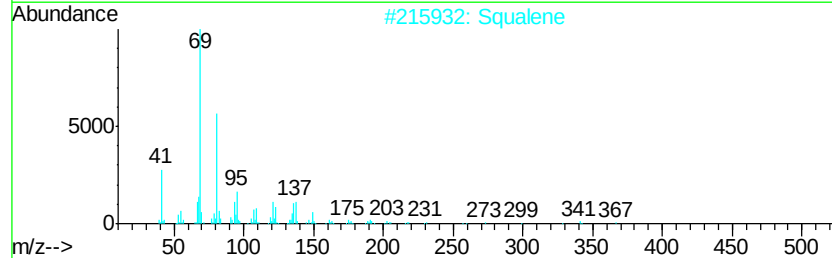
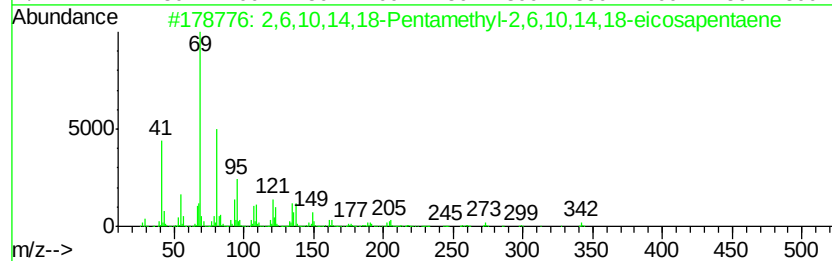
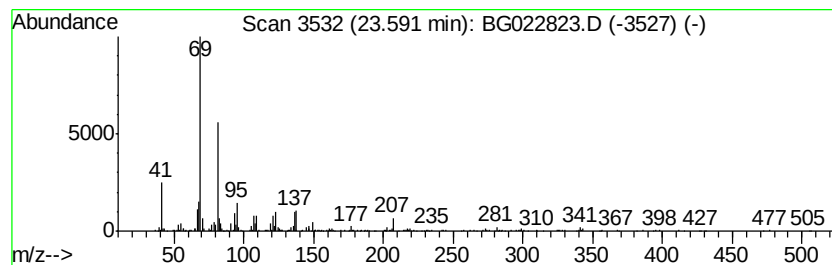
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Peak Number 3 2,6,10,14,18-Pentamethyl-2,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	3.46 ng/ul	522027	Perylene-d12	25.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	87
2		Squalene	410	C30H50	000111-02-4	86
3		Squalene	410	C30H50	000111-02-4	86
4		Supraene	410	C30H50	007683-64-9	86
5		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	78



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ClientSampleId :
BDHY3

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.81	3.5	ng/ul	137315	1	8.16	794630	20.0
n-Hexadecanoic acid	18.42	2.7	ng/ul	350717	4	17.55	2604870	20.0
2,6,10,14,18-Pent...	23.59	3.5	ng/ul	522027	6	25.22	3019560	20.0