

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022758.D
 Acq On : 1 Jul 2016 13:03
 Operator : UM/SJ
 Sample : H3811-26
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TX6

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	3.201	59	62	72	rVB3	62493	106120	2.17%	0.152%
2	3.272	72	74	80	rVB4	31344	35022	0.72%	0.050%
3	4.406	263	267	268	rBV4	6469	6869	0.14%	0.010%
4	4.623	303	304	307	rBV3	6735	7619	0.16%	0.011%
5	5.111	383	387	390	rBV3	6621	10381	0.21%	0.015%
6	5.146	390	393	396	rBV3	8629	9736	0.20%	0.014%
7	6.210	571	574	575	rBV2	10122	8941	0.18%	0.013%
8	6.333	589	595	602	rBV7	12506	28850	0.59%	0.041%
9	6.909	690	693	696	rBV3	4130	6367	0.13%	0.009%
10	7.308	751	761	777	rBV2	746429	1812216	37.01%	2.596%
11	7.408	777	778	783	rVB4	7440	7963	0.16%	0.011%
12	7.443	783	784	786	rBV	6199	6479	0.13%	0.009%
13	7.485	786	791	799	rVB	317597	540485	11.04%	0.774%
14	7.702	820	828	843	rVB2	426731	857809	17.52%	1.229%
15	8.043	884	886	888	rBV3	6853	6737	0.14%	0.010%
16	8.172	898	908	914	rBV2	377820	664362	13.57%	0.952%
17	8.395	941	946	951	rBV8	12168	24982	0.51%	0.036%
18	8.478	959	960	963	rBV2	7114	7489	0.15%	0.011%
19	8.624	982	985	987	rBV4	5446	7443	0.15%	0.011%
20	8.707	995	999	1003	rVB5	9400	15171	0.31%	0.022%
21	8.877	1015	1028	1035	rBV	604368	1117928	22.83%	1.601%
22	9.042	1053	1056	1059	rBV5	7870	8301	0.17%	0.012%
23	9.206	1078	1084	1087	rBV5	6427	12227	0.25%	0.018%
24	9.247	1087	1091	1093	rVB4	6155	6372	0.13%	0.009%
25	9.271	1093	1095	1097	rBV3	6313	7463	0.15%	0.011%
26	9.341	1101	1107	1120	rVB	465723	852956	17.42%	1.222%
27	9.494	1131	1133	1137	rVB4	8592	7661	0.16%	0.011%
28	9.735	1168	1174	1179	rBV4	29271	50787	1.04%	0.073%
29	10.070	1225	1231	1233	rBV2	416980	725243	14.81%	1.039%
30	10.610	1315	1323	1333	rBV2	685226	1229875	25.11%	1.762%
31	10.757	1344	1348	1350	rBV5	9130	11110	0.23%	0.016%
32	10.875	1367	1368	1372	rBV2	7370	8531	0.17%	0.012%
33	10.945	1376	1380	1382	rVV4	19102	30522	0.62%	0.044%
34	10.998	1382	1389	1394	rVV	576995	1065415	21.76%	1.526%

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35	11.045	1394	1397	1403	rVV2	177253	319936	6.53%	0.458%
36	11.127	1405	1411	1420	rVB	356987	687568	14.04%	0.985%
37	11.327	1437	1445	1452	rVB2	422162	717888	14.66%	1.028%
38	11.427	1461	1462	1465	rBV3	6431	6662	0.14%	0.010%
39	11.597	1487	1491	1493	rBV5	6037	7591	0.16%	0.011%
40	12.261	1597	1604	1613	rBV	381256	671587	13.71%	0.962%
41	12.361	1619	1621	1622	rBV2	8553	6822	0.14%	0.010%
42	12.502	1642	1645	1647	rBV3	7059	8351	0.17%	0.012%
43	12.573	1651	1657	1662	rBV6	12889	28103	0.57%	0.040%
44	12.637	1665	1668	1671	rBV3	4488	7756	0.16%	0.011%
45	12.784	1692	1693	1697	rVV4	9559	6578	0.13%	0.009%
46	12.861	1699	1706	1714	rVB	529155	876680	17.90%	1.256%
47	13.002	1723	1730	1737	rBV	278261	452296	9.24%	0.648%
48	13.160	1754	1757	1759	rBV4	6450	7264	0.15%	0.010%
49	13.243	1764	1771	1776	rBV	559807	897455	18.33%	1.285%
50	13.413	1796	1800	1804	rVB5	14832	18313	0.37%	0.026%
51	13.525	1817	1819	1824	rBV4	8753	13093	0.27%	0.019%
52	13.642	1829	1839	1850	rVB	1057252	1772129	36.19%	2.538%
53	13.848	1873	1874	1879	rVB5	6811	8080	0.16%	0.012%
54	14.206	1927	1935	1939	rBV	1328410	2174639	44.41%	3.115%
55	14.253	1939	1943	1949	rVB	1332791	1952614	39.87%	2.797%
56	14.377	1958	1964	1970	rVB	516425	744801	15.21%	1.067%
57	14.447	1970	1976	1979	rBV7	32625	58281	1.19%	0.083%
58	14.506	1979	1986	1993	rVB	1510632	2384855	48.70%	3.416%
59	14.676	2011	2015	2018	rBV	44007	61791	1.26%	0.089%
60	14.805	2031	2037	2047	rVV2	1022915	1705383	34.82%	2.443%
61	14.876	2047	2049	2053	rVB4	9578	9399	0.19%	0.013%
62	15.011	2063	2072	2083	rBV3	1211924	2611342	53.32%	3.740%
63	15.205	2097	2105	2115	rVB	533413	873944	17.85%	1.252%
64	15.275	2115	2117	2118	rBV2	8484	7270	0.15%	0.010%
65	15.293	2118	2120	2123	rBV4	9885	11883	0.24%	0.017%
66	15.364	2130	2132	2136	rBV5	15232	19513	0.40%	0.028%
67	15.440	2142	2145	2148	rVB5	11111	11857	0.24%	0.017%
68	15.628	2173	2177	2181	rVB2	109175	141037	2.88%	0.202%
69	15.663	2181	2183	2186	rBV4	9259	12899	0.26%	0.018%
70	15.693	2186	2188	2193	rVB6	13048	10654	0.22%	0.015%
71	15.798	2199	2206	2213	rBV	2217037	3408770	69.61%	4.882%

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72	15.916	2219	2226	2237	rBV4	796030	1533442	31.31%	2.196%
73	16.039	2240	2247	2250	rBV6	53344	104730	2.14%	0.150%
74	16.492	2320	2324	2334	rBV4	97910	177881	3.63%	0.255%
75	16.621	2343	2346	2349	rBV5	22957	33242	0.68%	0.048%
76	16.686	2353	2357	2361	rVV6	46327	77426	1.58%	0.111%
77	16.856	2380	2386	2391	rBV2	493109	748398	15.28%	1.072%
78	17.203	2439	2445	2453	rBV2	720160	1149511	23.47%	1.646%
79	17.285	2456	2459	2463	rBV2	88067	105198	2.15%	0.151%
80	17.555	2499	2505	2509	rBV	1359992	2212790	45.19%	3.169%
81	17.596	2509	2512	2517	rVV	1780411	2685627	54.84%	3.847%
82	17.655	2517	2522	2526	rVV2	2536359	4035224	82.40%	5.780%
83	17.690	2526	2528	2537	rVB	800417	966153	19.73%	1.384%
84	17.884	2557	2561	2565	rBV6	80899	127508	2.60%	0.183%
85	17.937	2567	2570	2574	rVB3	64961	83010	1.70%	0.119%
86	18.131	2600	2603	2607	rVB6	33431	50091	1.02%	0.072%
87	18.378	2641	2645	2648	rBV3	77430	98019	2.00%	0.140%
88	18.419	2650	2652	2657	rVV6	96952	140787	2.87%	0.202%
89	18.501	2661	2666	2675	rVB	1070501	1430857	29.22%	2.049%
90	19.600	2848	2853	2860	rVB	1730191	2533731	51.74%	3.629%
91	19.935	2904	2910	2913	rBV	3121686	4897032	100.00%	7.014%
92	21.721	3209	3214	3220	rVB	1631960	2276042	46.48%	3.260%
93	21.850	3231	3236	3241	rBV	1419016	2534747	51.76%	3.630%
94	21.903	3241	3245	3252	rVB	1464327	2320673	47.39%	3.324%
95	23.595	3528	3533	3540	rVB	492108	956637	19.54%	1.370%
96	24.993	3763	3771	3778	rBV3	1443855	4043986	82.58%	5.792%
97	25.229	3803	3811	3822	rVB	878708	2475415	50.55%	3.545%

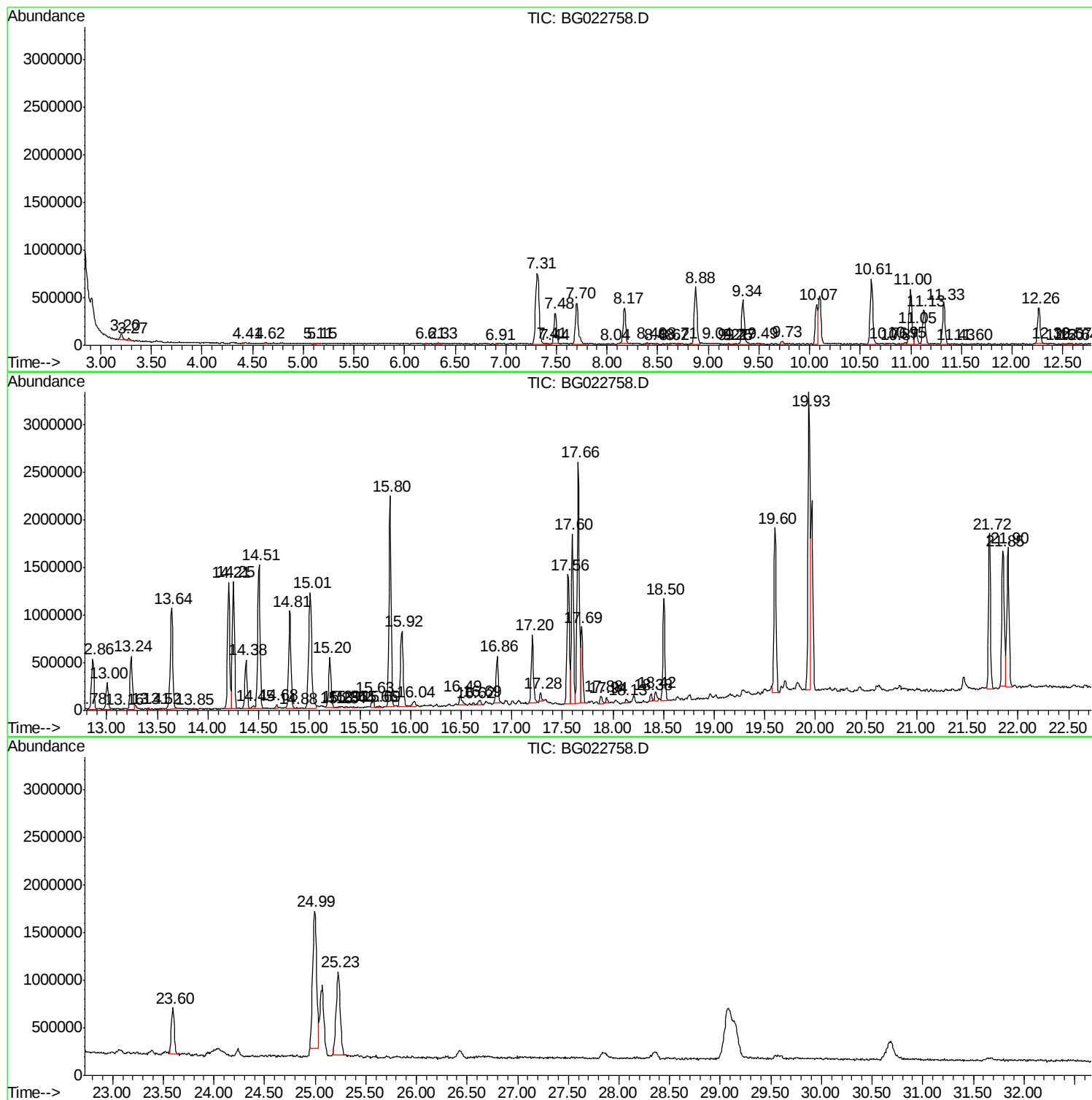
Sum of corrected areas: 69818673

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



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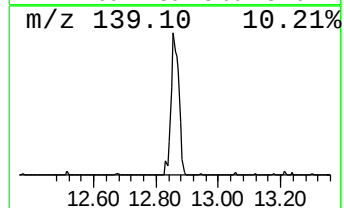
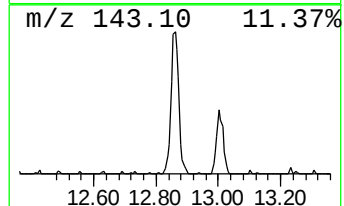
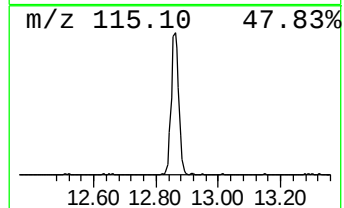
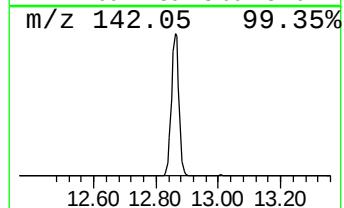
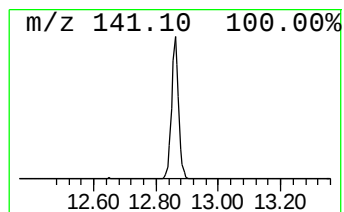
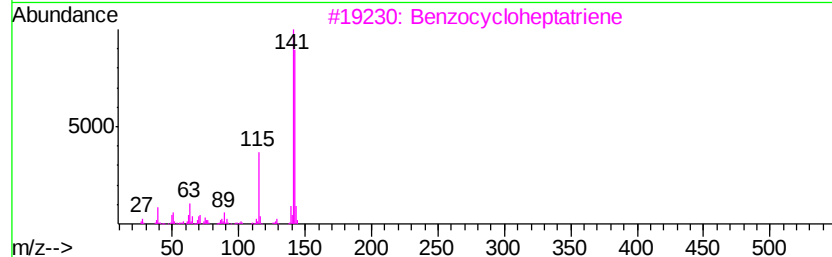
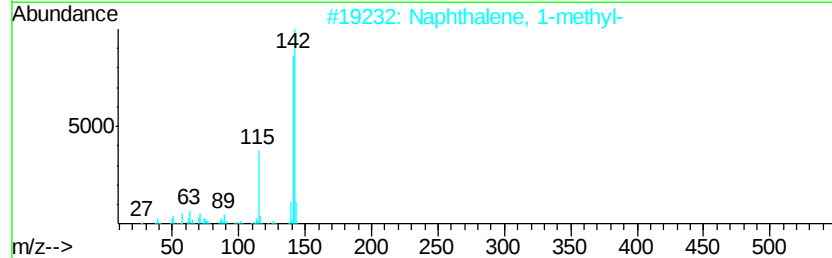
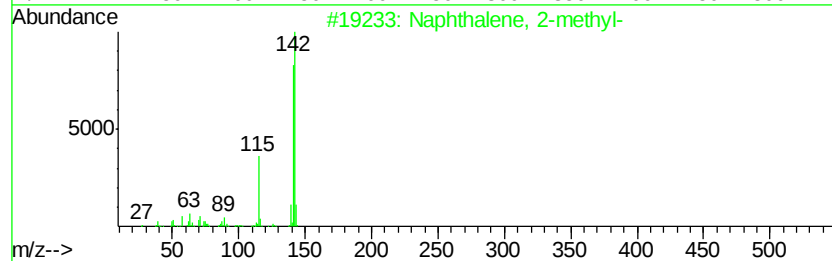
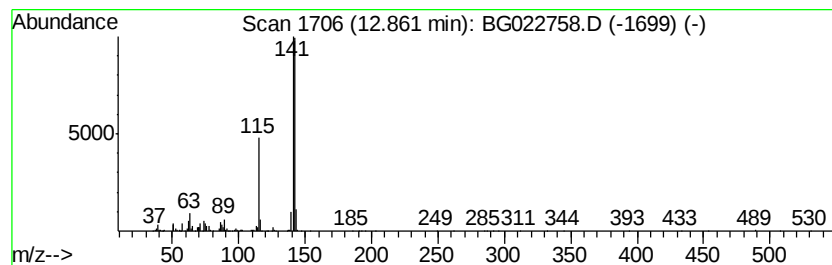
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	16.46 ng/ul	876680	Naphthalene-d8	11.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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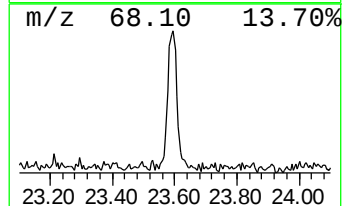
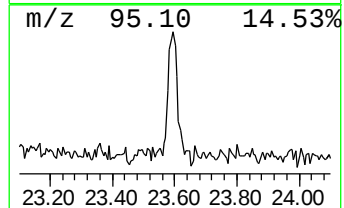
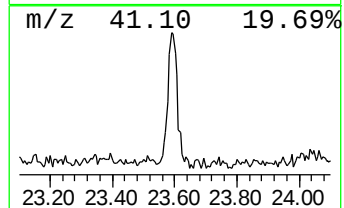
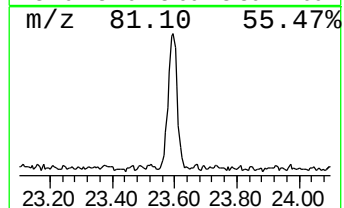
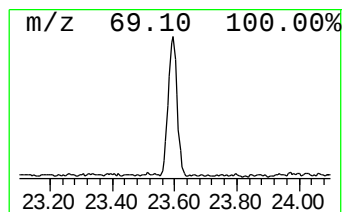
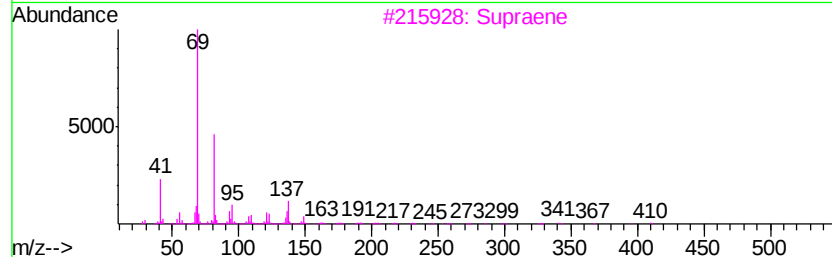
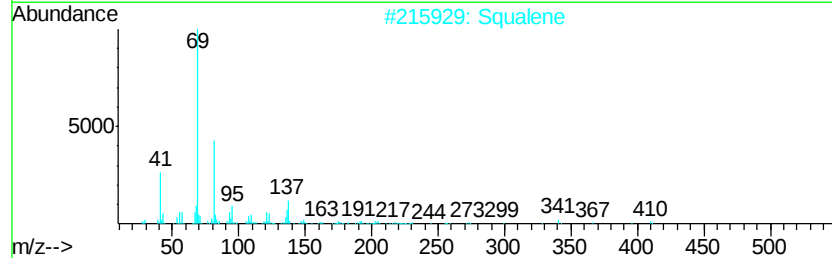
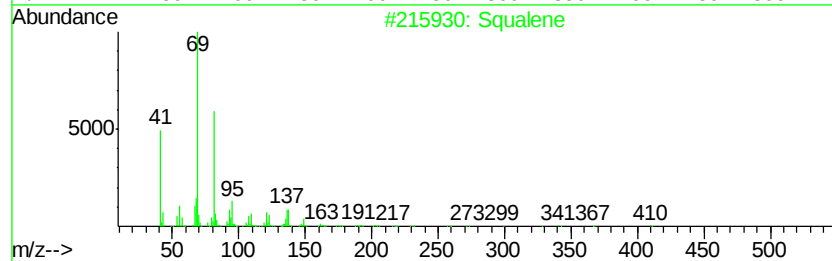
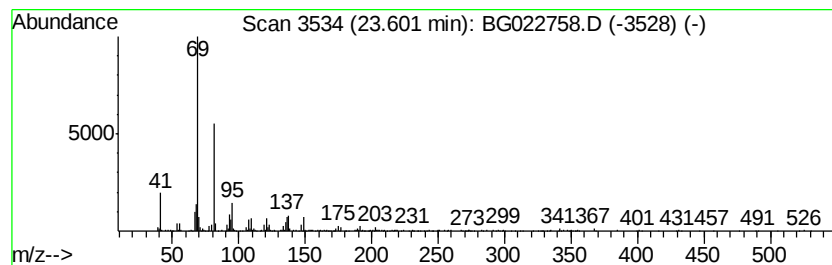
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	7.73 ng/ul	956637	Perylene-d12	25.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	87
2	Squalene	410 C30H50	000111-02-4	83
3	Supraene	410 C30H50	007683-64-9	74
4	1,5,9-Undecatriene, 2,6,10-trime...	192 C14H24	062951-96-6	72
5	(.+/-)-Lavandulol, pentafluorop...	300 C13H17F5O2	1000352-63-1	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-me...	12.86	16.5	ng/ul	876680	2	11.00	1065420	20.0
Squalene	23.60	7.7	ng/ul	956637	6	25.23	2475420	20.0