

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022771.D
 Acq On : 1 Jul 2016 23:46
 Operator : UM/SJ
 Sample : H3811-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW9

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	3.520	114	116	117	rBV2	9991	7198	0.14%	0.012%
2	3.543	117	120	123	rBV4	19081	25871	0.49%	0.042%
3	3.819	164	167	173	rBV	40502	61165	1.16%	0.100%
4	4.284	244	246	248	rBV2	8325	8919	0.17%	0.015%
5	4.413	266	268	272	rBV4	8906	10676	0.20%	0.017%
6	4.789	329	332	333	rBV3	8798	8110	0.15%	0.013%
7	4.842	336	341	342	rVV3	5836	7739	0.15%	0.013%
8	5.335	422	425	427	rBV4	6244	7921	0.15%	0.013%
9	5.465	444	447	452	rBV6	9565	17480	0.33%	0.028%
10	5.870	515	516	521	rVB4	7716	8169	0.16%	0.013%
11	5.905	521	522	525	rBV2	6782	7456	0.14%	0.012%
12	6.211	571	574	578	rBV4	11420	13575	0.26%	0.022%
13	6.358	594	599	604	rVB7	8218	17611	0.33%	0.029%
14	6.575	632	636	644	rVB3	34765	60839	1.15%	0.099%
15	6.663	649	651	656	rBV3	4892	7733	0.15%	0.013%
16	6.857	680	684	686	rBV4	7758	7238	0.14%	0.012%
17	7.110	724	727	728	rBV3	13133	10450	0.20%	0.017%
18	7.210	741	744	747	rBV4	6293	9783	0.19%	0.016%
19	7.309	754	761	770	rBV	705429	1301296	24.69%	2.120%
20	7.474	782	789	799	rBV	479085	808284	15.34%	1.317%
21	7.685	818	825	833	rBV	633159	1131832	21.48%	1.844%
22	7.973	872	874	880	rVB7	5345	9742	0.18%	0.016%
23	8.161	898	906	918	rVB	593843	996743	18.92%	1.624%
24	8.338	932	936	937	rBV2	5301	7967	0.15%	0.013%
25	8.402	941	947	948	rBV5	11619	16664	0.32%	0.027%
26	8.861	1017	1025	1033	rBV	915349	1620157	30.75%	2.640%
27	9.207	1081	1084	1086	rBV2	6681	8011	0.15%	0.013%
28	9.331	1097	1105	1113	rBV	718649	1214467	23.05%	1.979%
29	9.419	1116	1120	1122	rVV5	14373	20194	0.38%	0.033%
30	9.477	1126	1130	1133	rVV6	10384	9394	0.18%	0.015%
31	9.724	1167	1172	1175	rVB4	19594	29793	0.57%	0.049%
32	10.059	1221	1229	1236	rBV	620215	1109734	21.06%	1.808%
33	10.200	1247	1253	1257	rBV3	42359	79471	1.51%	0.129%
34	10.277	1261	1266	1270	rVB7	7091	13284	0.25%	0.022%

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 Title : SVOA CALIBRATION

35	10.406	1286	1288	1290	rVB3	7491	6985	0.13%	0.011%
36	10.435	1290	1293	1295	rBV2	7762	9424	0.18%	0.015%
37	10.535	1307	1310	1313	rBV4	8349	12193	0.23%	0.020%
38	10.600	1314	1321	1329	rVV	1028102	1758316	33.37%	2.865%
39	10.705	1336	1339	1342	rVB3	7698	10084	0.19%	0.016%
40	10.794	1353	1354	1356	rBV2	8865	7310	0.14%	0.012%
41	10.987	1379	1387	1394	rBV	847269	1557641	29.56%	2.538%
42	11.117	1401	1409	1424	rBV	683652	1307457	24.81%	2.130%
43	11.340	1445	1447	1449	rBV2	8965	8056	0.15%	0.013%
44	11.375	1451	1453	1455	rBV3	9117	9629	0.18%	0.016%
45	11.481	1468	1471	1473	rBV3	7235	7930	0.15%	0.013%
46	11.551	1479	1483	1484	rBV3	7532	9018	0.17%	0.015%
47	11.675	1501	1504	1507	rVB5	6741	8017	0.15%	0.013%
48	11.757	1512	1518	1520	rBV6	6657	12386	0.24%	0.020%
49	11.881	1534	1539	1545	rBV3	29794	57912	1.10%	0.094%
50	11.939	1547	1549	1553	rVV5	11611	14723	0.28%	0.024%
51	11.986	1555	1557	1561	rVB4	6406	8645	0.16%	0.014%
52	12.210	1590	1595	1597	rVB4	5057	7014	0.13%	0.011%
53	12.298	1606	1610	1614	rBV5	5191	9973	0.19%	0.016%
54	12.450	1633	1636	1638	rBV3	6573	8845	0.17%	0.014%
55	12.492	1638	1643	1647	rVV6	18882	36465	0.69%	0.059%
56	12.562	1651	1655	1662	rVB2	17752	28537	0.54%	0.046%
57	12.944	1714	1720	1724	rBV8	11693	19699	0.37%	0.032%
58	13.038	1732	1736	1740	rBV4	8980	17204	0.33%	0.028%
59	13.150	1753	1755	1761	rVB5	9450	12367	0.23%	0.020%
60	13.285	1776	1778	1780	rBV3	7719	8068	0.15%	0.013%
61	13.396	1794	1797	1801	rBV6	10560	17068	0.32%	0.028%
62	13.678	1840	1845	1849	rBV7	19340	38629	0.73%	0.063%
63	14.054	1906	1909	1910	rBV3	6867	7062	0.13%	0.012%
64	14.195	1927	1933	1938	rBV	1896312	2804795	53.23%	4.569%
65	14.242	1938	1941	1946	rVV	572344	793605	15.06%	1.293%
66	14.307	1946	1952	1960	rVB	662361	1074363	20.39%	1.750%
67	14.495	1977	1984	1992	rVB	1929224	3031748	57.53%	4.939%
68	14.630	2005	2007	2011	rBV5	6697	9647	0.18%	0.016%
69	14.677	2011	2015	2019	rVB4	30027	39592	0.75%	0.065%
70	14.801	2029	2036	2044	rBV2	1562964	2648598	50.26%	4.315%
71	14.859	2044	2046	2049	rVB4	13415	11515	0.22%	0.019%

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72	14.995	2062	2069	2084	rBV	917040	1596024	30.29%	2.600%
73	15.535	2158	2161	2164	rBV5	13675	16448	0.31%	0.027%
74	15.570	2164	2167	2172	rVV7	16574	31453	0.60%	0.051%
75	15.623	2172	2176	2182	rVB2	40527	60622	1.15%	0.099%
76	15.794	2197	2205	2215	rVB	2732902	4216482	80.02%	6.869%
77	15.905	2217	2224	2231	rBV	957700	1471384	27.92%	2.397%
78	16.128	2259	2262	2263	rBV3	8446	10371	0.20%	0.017%
79	16.363	2298	2302	2305	rBV6	24169	34296	0.65%	0.056%
80	16.405	2307	2309	2313	rBV5	9530	9898	0.19%	0.016%
81	16.434	2313	2314	2317	rVB3	9625	8390	0.16%	0.014%
82	16.487	2319	2323	2326	rBV	51321	64616	1.23%	0.105%
83	16.886	2389	2391	2394	rBV4	13367	16075	0.31%	0.026%
84	17.280	2455	2458	2463	rVB	203005	208978	3.97%	0.340%
85	17.556	2498	2505	2511	rBV2	2152341	3403555	64.59%	5.545%
86	17.656	2516	2522	2527	rVB2	2666344	4264009	80.92%	6.947%
87	18.020	2580	2584	2588	rBV	148638	193227	3.67%	0.315%
88	18.420	2647	2652	2659	rBV3	528251	711288	13.50%	1.159%
89	18.714	2699	2702	2708	rVB7	33089	44161	0.84%	0.072%
90	19.336	2805	2808	2810	rBV4	48121	58318	1.11%	0.095%
91	19.572	2844	2848	2851	rBV3	182855	261013	4.95%	0.425%
92	19.683	2864	2867	2874	rBV3	155571	200447	3.80%	0.327%
93	19.936	2903	2910	2919	rBV	3537716	5269540	100.00%	8.585%
94	20.435	2993	2995	3003	rVB3	162456	196316	3.73%	0.320%
95	20.911	3072	3076	3086	rVB2	855405	1320859	25.07%	2.152%
96	21.458	3165	3169	3182	rBV	595901	971669	18.44%	1.583%
97	21.851	3230	3236	3243	rBV2	2266047	4061623	77.08%	6.617%
98	24.995	3761	3771	3783	rVB2	1647811	4643640	88.12%	7.565%
99	25.224	3802	3810	3824	rVB2	1335173	3930996	74.60%	6.404%

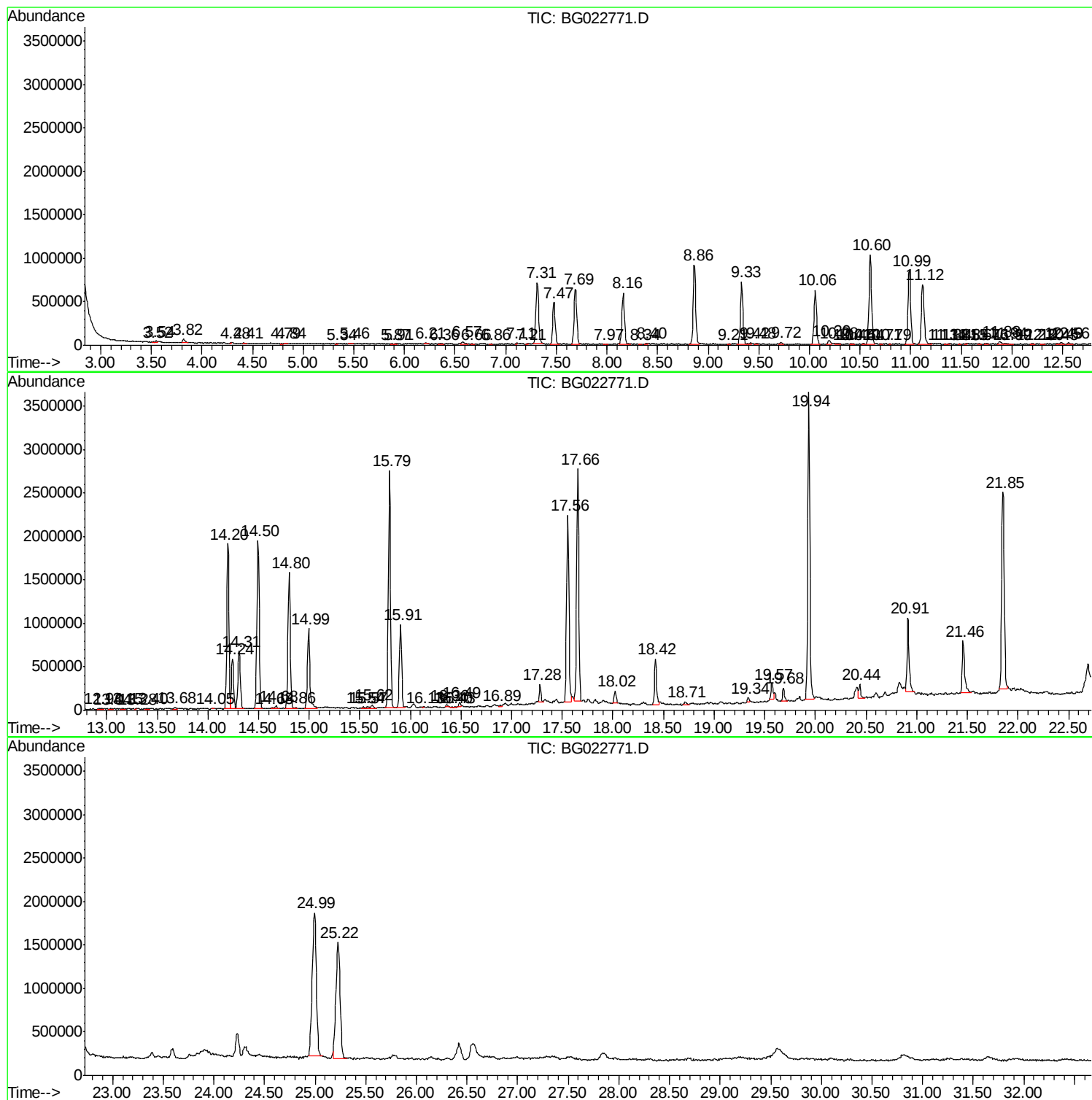
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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



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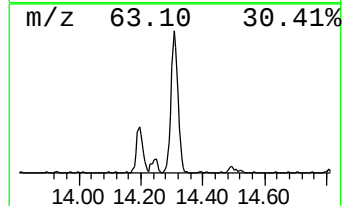
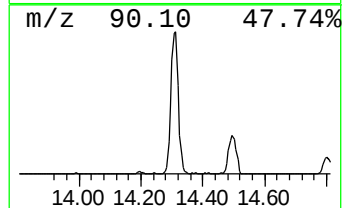
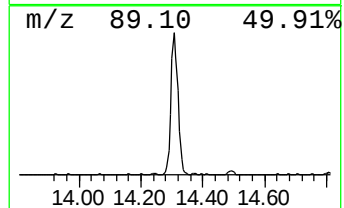
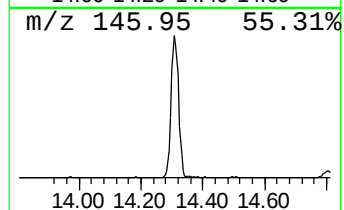
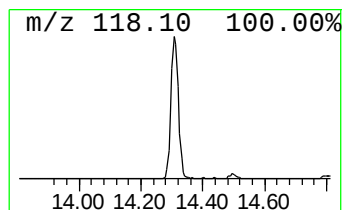
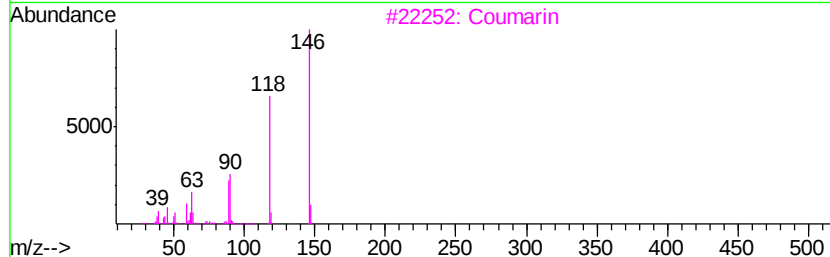
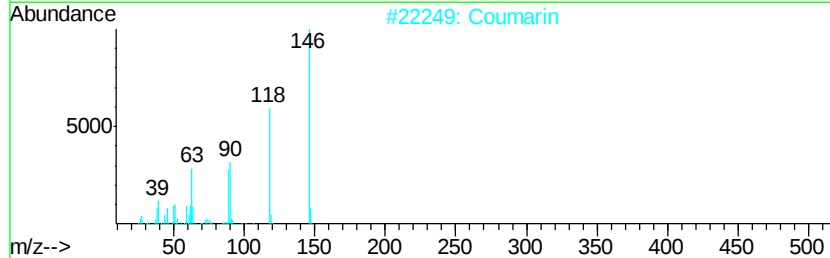
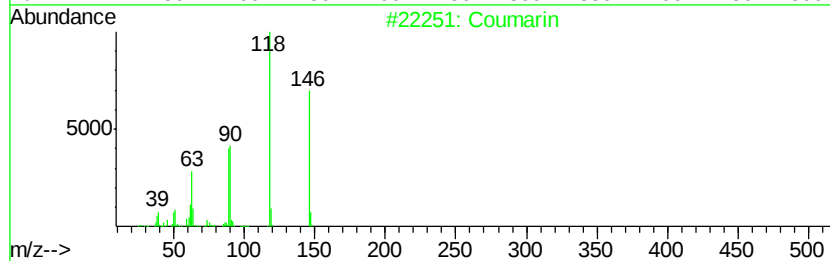
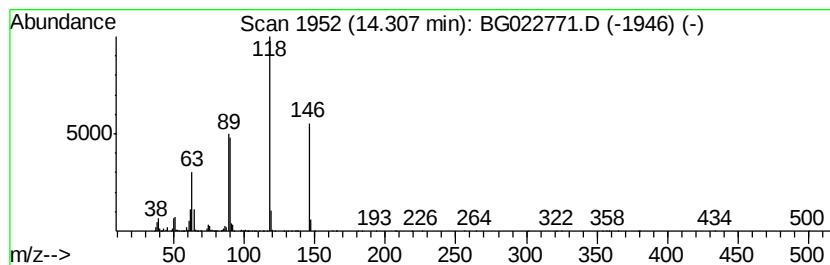
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Coumarin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	8.11 ng/ul	1074360	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Coumarin	146	C9H6O2	000091-64-5	94
2		Coumarin	146	C9H6O2	000091-64-5	94
3		Coumarin	146	C9H6O2	000091-64-5	94
4		Benzofuran	118	C8H6O	000271-89-6	91
5		Coumarin	146	C9H6O2	000091-64-5	90



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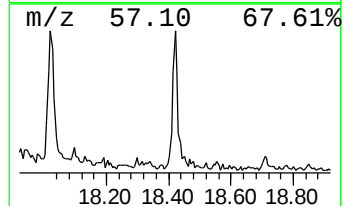
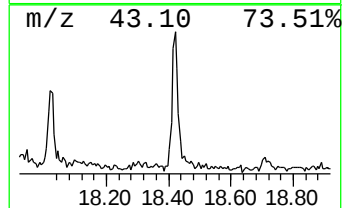
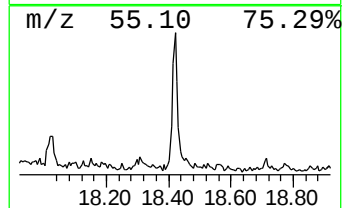
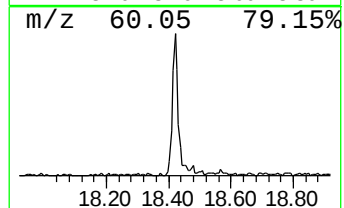
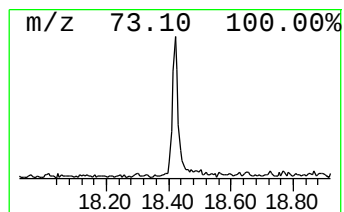
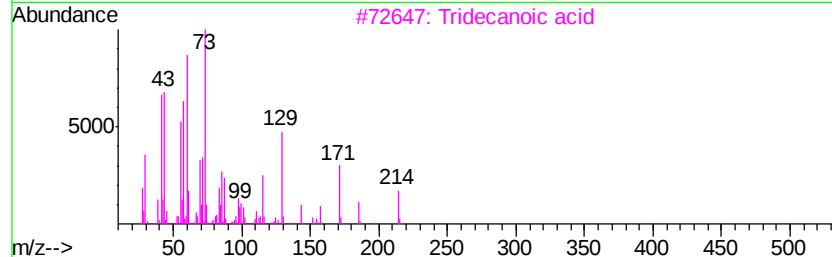
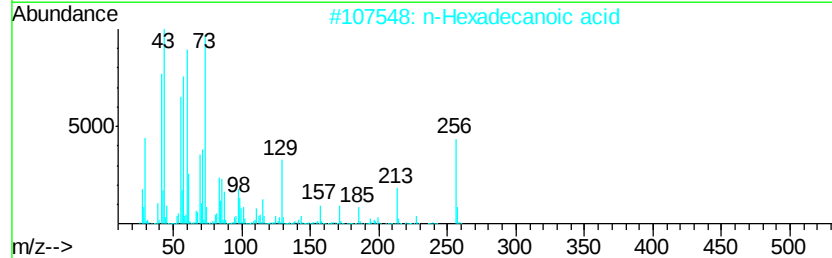
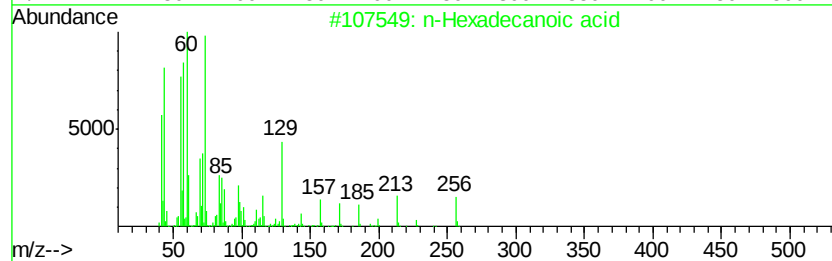
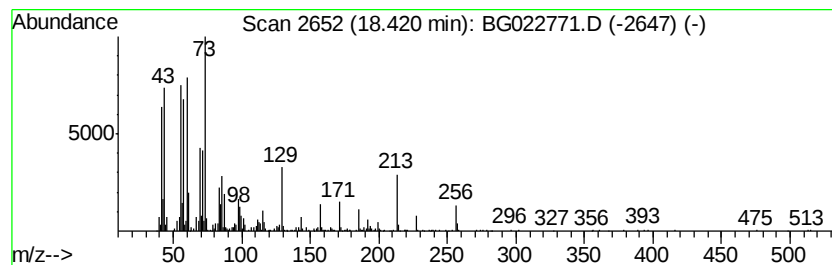
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.18 ng/ul	711288	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	90



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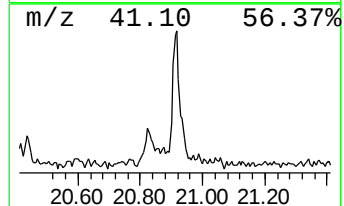
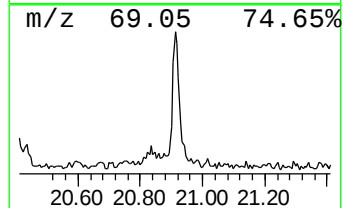
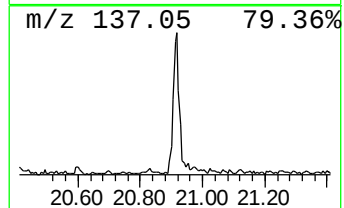
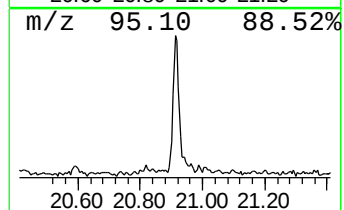
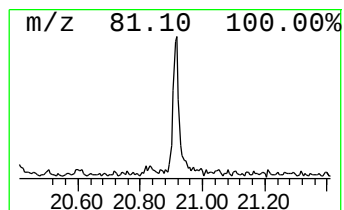
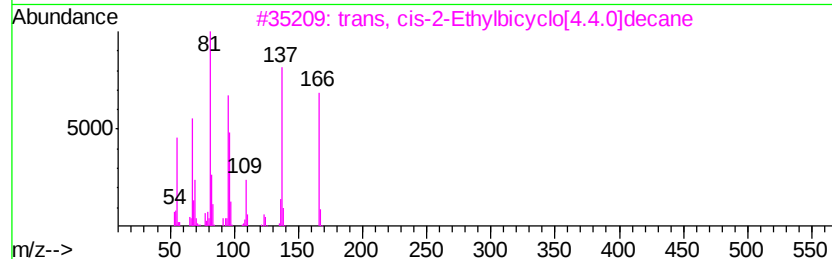
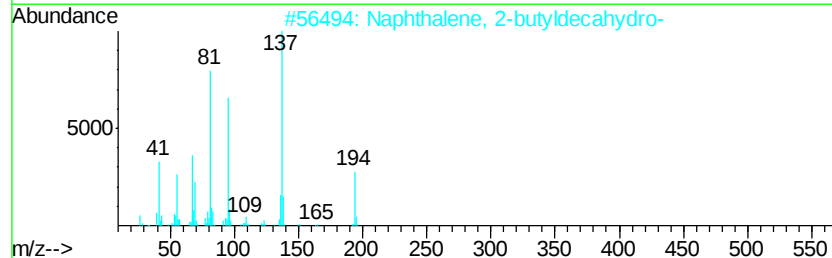
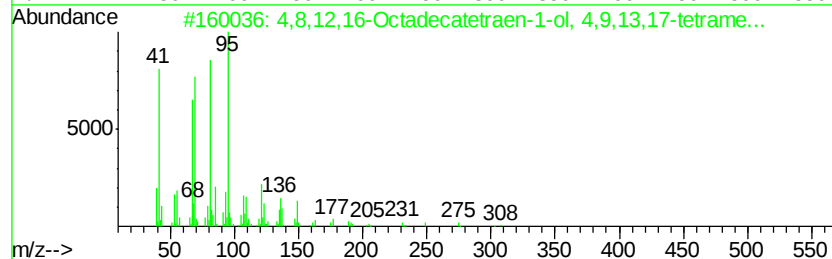
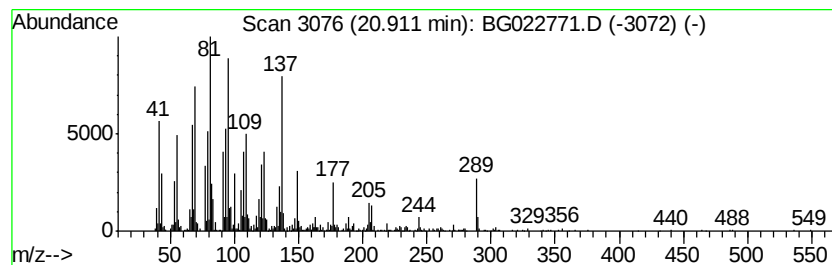
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	6.50 ng/ul	1320860	Chrysene-d12	21.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12,16-Octadecatetraen-1-ol, ...	318	C22H38O	1000142-00-0	43		
2	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	38		
3	trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	38		
4	4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	35		
5	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	27		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022771.D
Acq On : 1 Jul 2016 23:46
Operator : UM/SJ
Sample : H3811-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TW9

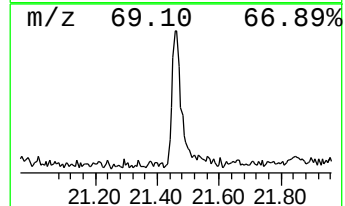
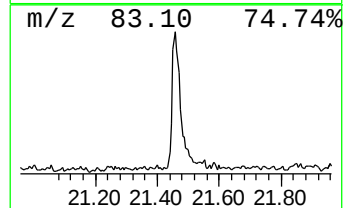
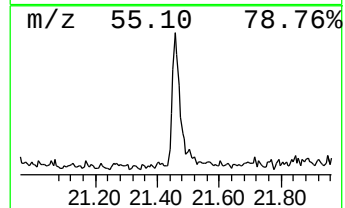
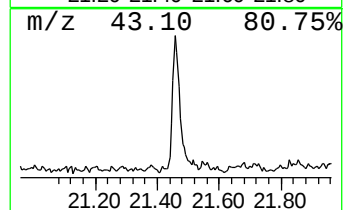
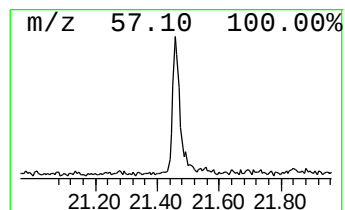
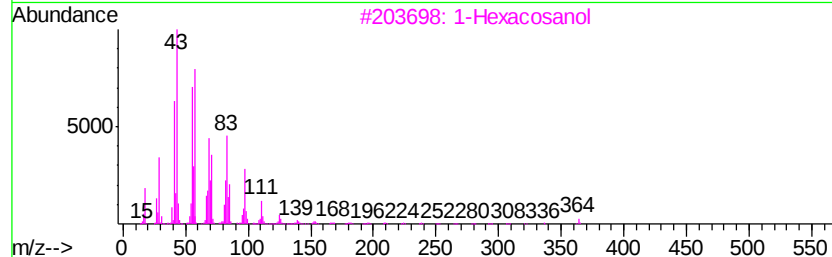
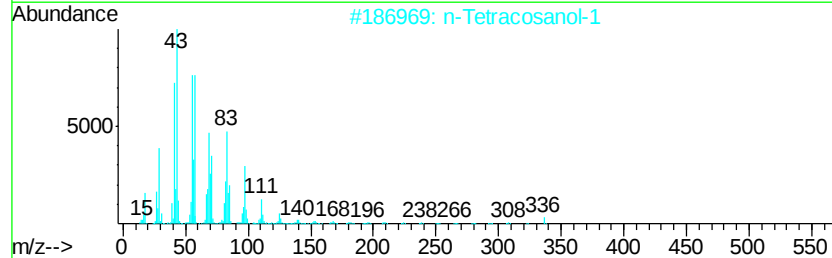
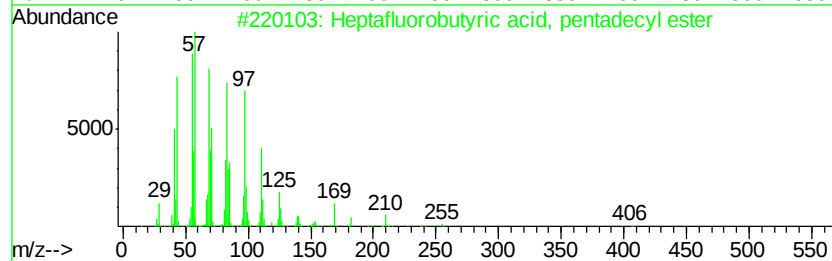
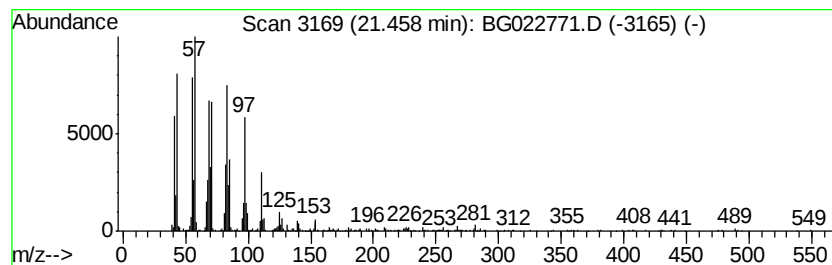
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	4.78 ng/ul	971669	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	87
3		1-Hexacosanol	382	C26H54O	000506-52-5	87
4		1-Heptacosanol	396	C27H56O	002004-39-9	81
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	74



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ClientSampleId :
A4TW9

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
Coumarin	14.31	8.1	ng/ul	1074360	3	14.80	2648600	20.0
n-Hexadecanoic acid	18.42	4.2	ng/ul	711288	4	17.56	3403560	20.0
unknown-01	20.91	6.5	ng/ul	1320860	5	21.85	4061620	20.0
Heptafluorobutyri...	21.46	4.8	ng/ul	971669	5	21.85	4061620	20.0