

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101916\
 Data File : BG024440.D
 Acq On : 19 Oct 2016 13:29
 Operator : UM/SJ
 Sample : H5231-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNP0

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	3.065	36	38	47	rVB5	40031	66216	1.60%	0.139%
2	3.206	58	62	72	rVB2	103961	157403	3.81%	0.330%
3	3.294	73	77	80	rBV3	27561	34466	0.83%	0.072%
4	3.640	132	136	143	rBV7	22797	44247	1.07%	0.093%
5	3.969	189	192	193	rBV2	10922	12872	0.31%	0.027%
6	4.152	219	223	232	rVB4	61738	107986	2.61%	0.226%
7	5.350	421	427	434	rVV4	17067	30150	0.73%	0.063%
8	5.444	440	443	447	rVB6	10342	16854	0.41%	0.035%
9	5.532	456	458	465	rBV7	10956	23876	0.58%	0.050%
10	5.714	483	489	494	rVB7	13765	20743	0.50%	0.043%
11	5.855	508	513	519	rBV3	19748	35994	0.87%	0.075%
12	5.955	526	530	532	rVB3	11089	12374	0.30%	0.026%
13	6.020	536	541	544	rVB7	8249	12666	0.31%	0.027%
14	6.602	635	640	645	rVV8	11747	22056	0.53%	0.046%
15	6.748	662	665	675	rBV7	16971	42572	1.03%	0.089%
16	6.854	675	683	690	rBV10	18695	45842	1.11%	0.096%
17	6.989	703	706	712	rVV8	7391	13194	0.32%	0.028%
18	7.054	712	717	720	rVB6	13545	20753	0.50%	0.043%
19	7.101	723	725	730	rBV6	9011	16016	0.39%	0.034%
20	7.195	738	741	744	rBV4	15937	18620	0.45%	0.039%
21	7.412	771	778	792	rBV	466556	903191	21.85%	1.893%
22	7.595	803	809	820	rVV	331401	576560	13.95%	1.208%
23	7.806	837	845	864	rVB	458464	869274	21.03%	1.821%
24	8.282	918	926	937	rVB	663492	1220174	29.52%	2.557%
25	8.535	963	969	972	rVB7	8201	16005	0.39%	0.034%
26	8.969	1033	1043	1051	rBV	512381	923143	22.33%	1.934%
27	9.116	1062	1068	1073	rVB5	23198	40338	0.98%	0.085%
28	9.451	1118	1125	1132	rBV	468637	901365	21.81%	1.889%
29	9.516	1132	1136	1142	rVB4	31923	54728	1.32%	0.115%
30	9.686	1161	1165	1171	rBV6	8700	18759	0.45%	0.039%
31	9.804	1180	1185	1191	rBV9	14007	32981	0.80%	0.069%
32	10.180	1239	1249	1258	rBV2	430724	807402	19.53%	1.692%
33	10.597	1312	1320	1326	rBV10	12925	35110	0.85%	0.074%
34	10.714	1331	1340	1350	rVB2	623397	1166596	28.22%	2.444%

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35	10.785	1350	1352	1357	rVB5	11417	16117	0.39%	0.034%
36	11.108	1398	1407	1416	rBV	1072585	1981744	47.95%	4.152%
37	11.237	1421	1429	1438	rBV	498206	941487	22.78%	1.973%
38	11.707	1505	1509	1514	rBV4	8096	16550	0.40%	0.035%
39	11.831	1523	1530	1535	rBV9	10433	19266	0.47%	0.040%
40	12.665	1668	1672	1679	rBV7	20633	39811	0.96%	0.083%
41	12.800	1693	1695	1703	rVB9	8249	15489	0.37%	0.032%
42	13.253	1765	1772	1774	rVB7	10289	16339	0.40%	0.034%
43	13.493	1806	1813	1817	rBV7	12629	25062	0.61%	0.053%
44	13.546	1817	1822	1828	rBV7	11560	24950	0.60%	0.052%
45	13.758	1852	1858	1863	rBV4	27722	32493	0.79%	0.068%
46	14.210	1931	1935	1938	rBV5	8175	13968	0.34%	0.029%
47	14.287	1938	1948	1952	rVV	1206759	1776959	42.99%	3.723%
48	14.334	1952	1956	1965	rVB	612258	895172	21.66%	1.876%
49	14.592	1992	2000	2012	rVB	1255895	2009882	48.63%	4.211%
50	14.751	2018	2027	2032	rBV7	27619	51908	1.26%	0.109%
51	14.898	2044	2052	2060	rVB	1893215	3065606	74.17%	6.424%
52	15.056	2070	2079	2091	rVV	519535	890077	21.53%	1.865%
53	15.256	2110	2113	2116	rVB3	14561	15086	0.36%	0.032%
54	15.297	2118	2120	2126	rVB6	12523	17844	0.43%	0.037%
55	15.356	2128	2130	2137	rVB7	12119	23752	0.57%	0.050%
56	15.438	2137	2144	2156	rBV7	10745	37623	0.91%	0.079%
57	15.656	2177	2181	2183	rBV4	16795	22869	0.55%	0.048%
58	15.691	2183	2187	2194	rVB2	57498	81225	1.97%	0.170%
59	15.797	2200	2205	2209	rVV3	48072	62913	1.52%	0.132%
60	15.879	2209	2219	2229	rVB	1636958	2640507	63.88%	5.533%
61	15.985	2229	2237	2247	rBV2	524212	816218	19.75%	1.710%
62	16.120	2248	2260	2268	rVB2	34721	105776	2.56%	0.222%
63	16.243	2277	2281	2284	rBV6	17770	21963	0.53%	0.046%
64	16.320	2290	2294	2298	rBV7	12795	20594	0.50%	0.043%
65	16.496	2321	2324	2329	rBV7	10530	19018	0.46%	0.040%
66	16.555	2329	2334	2345	rBV3	76443	150049	3.63%	0.314%
67	16.825	2378	2380	2385	rVB6	16568	23780	0.58%	0.050%
68	16.901	2387	2393	2396	rBV7	19100	33614	0.81%	0.070%
69	16.989	2404	2408	2410	rBV5	11149	15104	0.37%	0.032%
70	17.048	2414	2418	2426	rVB4	43351	66540	1.61%	0.139%
71	17.160	2429	2437	2443	rBV4	29088	65922	1.59%	0.138%

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72	17.283	2452	2458	2461	rVB8	8616	13923	0.34%	0.029%
73	17.348	2463	2469	2473	rBV3	44662	65700	1.59%	0.138%
74	17.401	2474	2478	2480	rBV5	10673	16209	0.39%	0.034%
75	17.477	2488	2491	2498	rVB8	17862	27397	0.66%	0.057%
76	17.636	2510	2518	2527	rBV2	2172596	3527816	85.35%	7.392%
77	17.736	2527	2535	2544	rVB	1746509	2770992	67.04%	5.806%
78	17.882	2557	2560	2562	rBV4	11473	15050	0.36%	0.032%
79	17.982	2571	2577	2585	rBV4	25732	76783	1.86%	0.161%
80	18.082	2590	2594	2596	rBV5	28049	37057	0.90%	0.078%
81	18.112	2596	2599	2605	rVB2	32138	52452	1.27%	0.110%
82	18.264	2623	2625	2631	rVB7	15398	24642	0.60%	0.052%
83	18.364	2636	2642	2647	rBV9	39279	67269	1.63%	0.141%
84	18.423	2648	2652	2656	rVB5	37642	55971	1.35%	0.117%
85	18.476	2656	2661	2672	rBV	404448	617101	14.93%	1.293%
86	18.770	2707	2711	2716	rBV8	24487	39892	0.97%	0.084%
87	19.040	2754	2757	2761	rBV5	32990	33743	0.82%	0.071%
88	19.222	2787	2788	2792	rBV4	12402	14831	0.36%	0.031%
89	19.475	2828	2831	2834	rBV5	19804	20087	0.49%	0.042%
90	19.622	2850	2856	2858	rBV6	60066	105302	2.55%	0.221%
91	19.733	2871	2875	2883	rBV4	168767	236427	5.72%	0.495%
92	19.833	2888	2892	2895	rVB4	39189	50956	1.23%	0.107%
93	20.003	2914	2921	2933	rVB	2229542	3374541	81.64%	7.071%
94	20.515	3006	3008	3011	rVB3	45707	42012	1.02%	0.088%
95	21.519	3175	3179	3193	rVB4	175919	417196	10.09%	0.874%
96	21.778	3220	3223	3228	rVB4	73378	107247	2.59%	0.225%
97	21.931	3242	3249	3265	rVB	2195020	4133339	100.00%	8.661%
98	25.139	3784	3795	3808	rBV2	999623	2961978	71.66%	6.206%
99	25.380	3824	3836	3850	rBV2	1282454	4104165	99.29%	8.600%
100	26.561	4030	4037	4046	rVB6	107405	320550	7.76%	0.672%

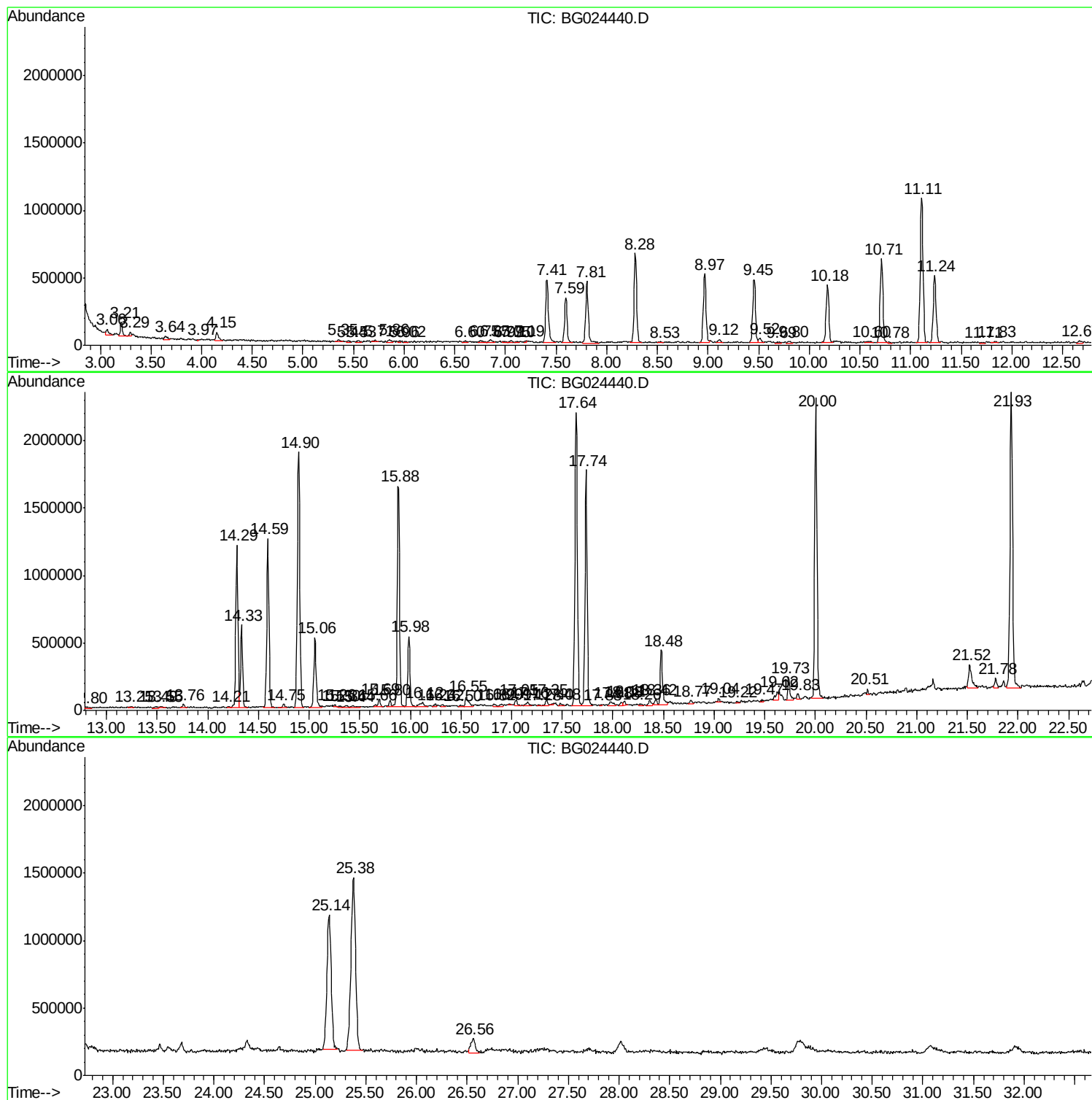
Sum of corrected areas: 47724431

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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



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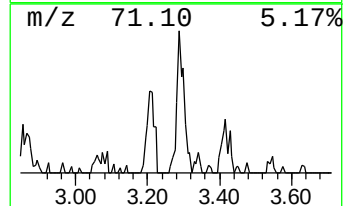
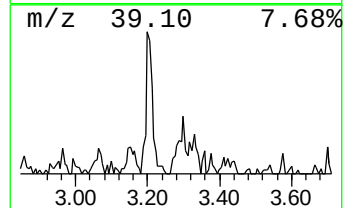
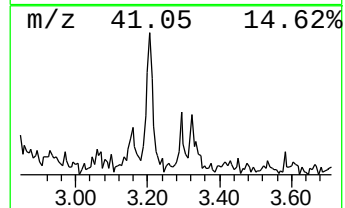
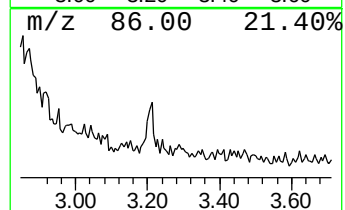
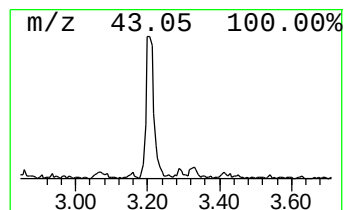
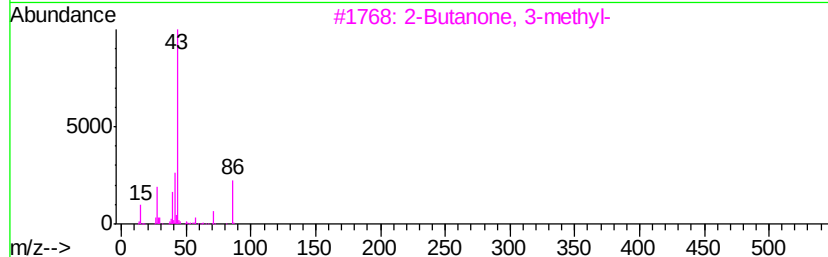
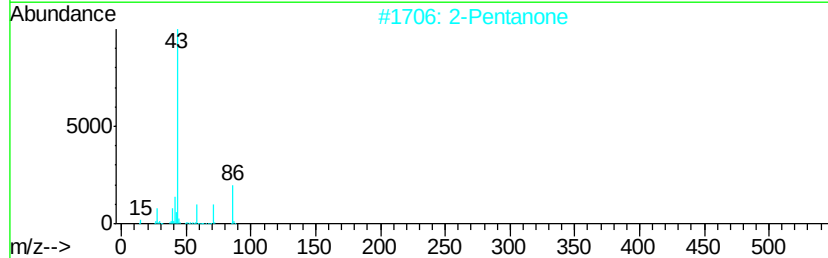
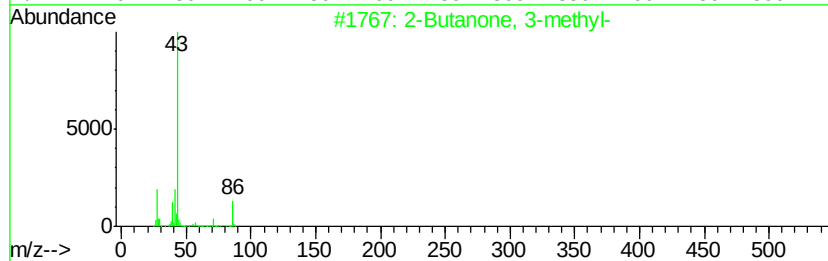
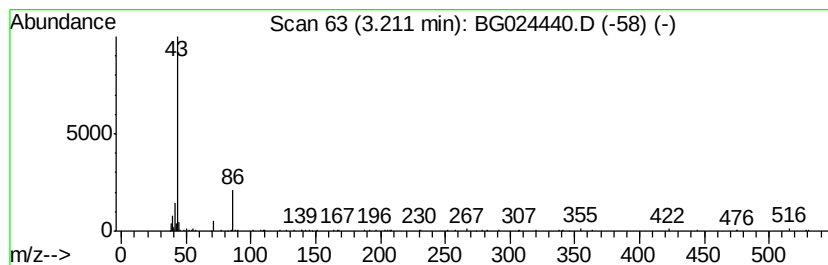
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	2.58 ng/ul	157403	1,4-Dichlorobenzene-d4	8.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	47
2	2-Pentanone			86	C5H10O	000107-87-9	38
3	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	28
4	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	9
5	2-Butanone, 3-methyl-			86	C5H10O	000563-80-4	9



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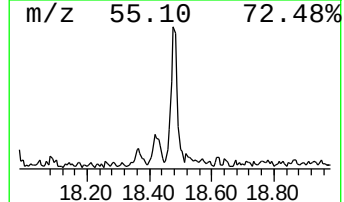
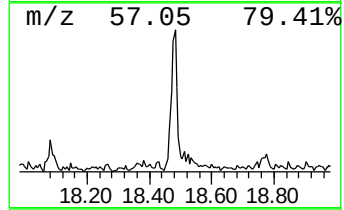
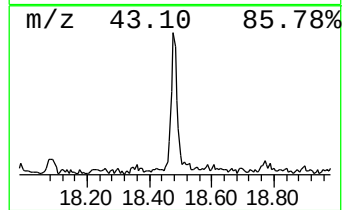
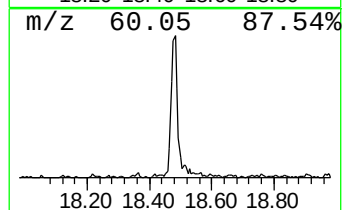
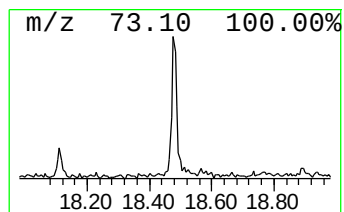
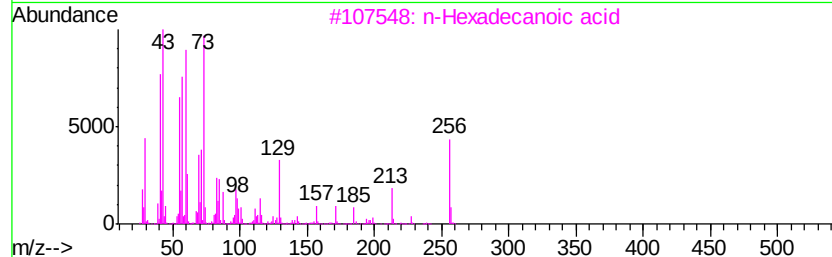
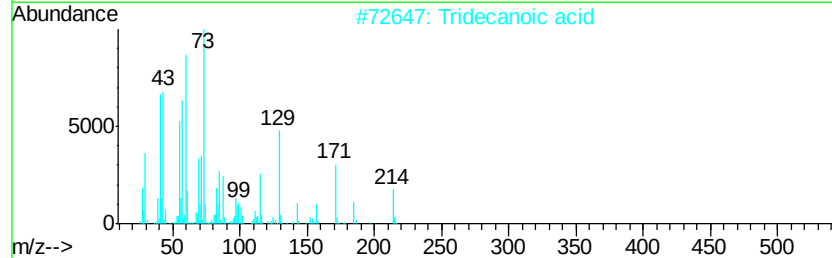
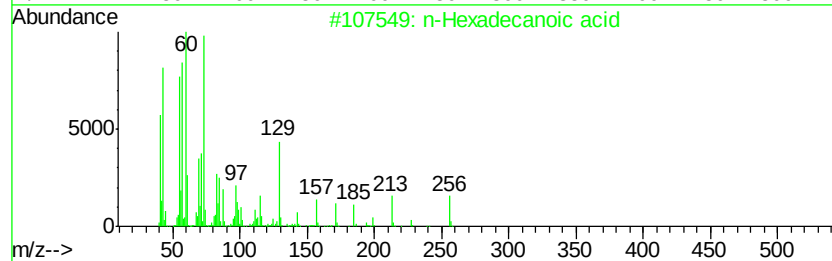
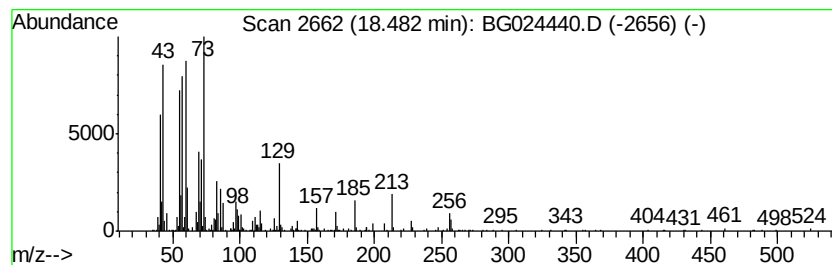
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.48	3.50 ng/ul	617101	Phenanthrene-d10	17.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60	



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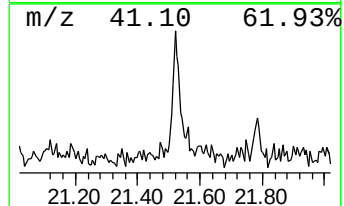
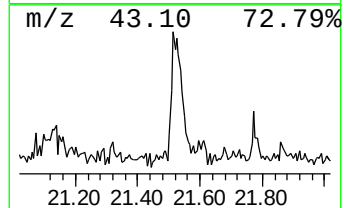
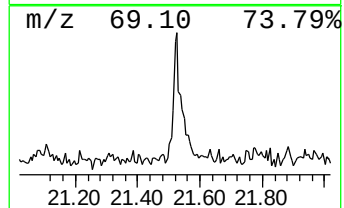
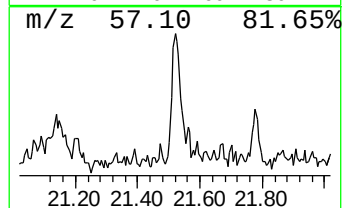
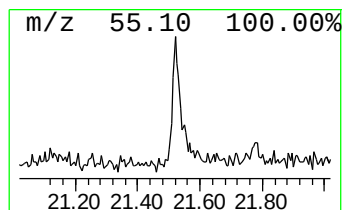
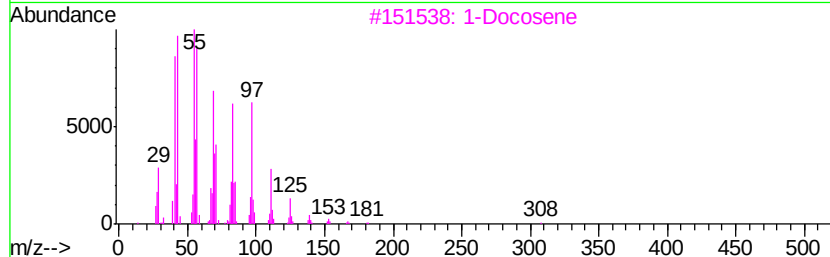
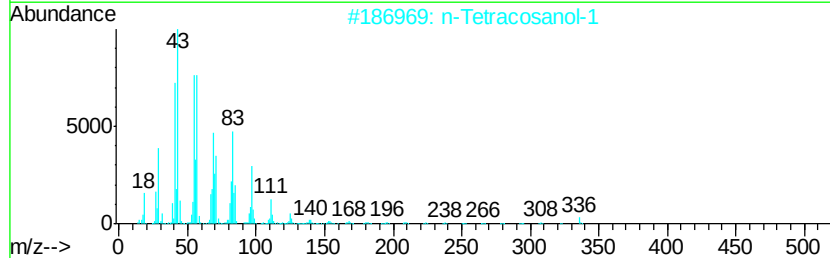
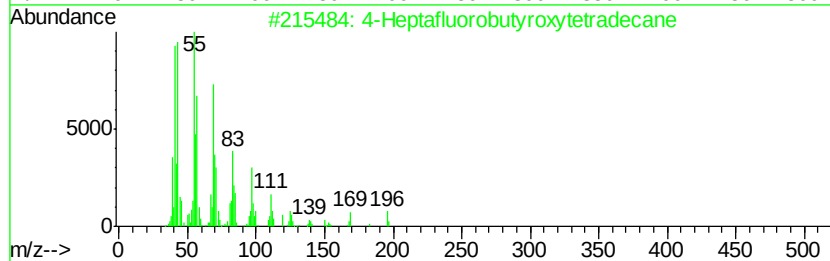
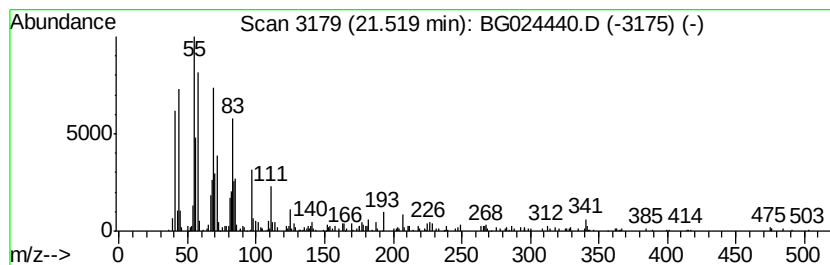
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 4-Heptafluorobutyroxytetrad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.02 ng/ul	417196	Chrysene-d12	21.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Heptafluorobutyroxytetradecane	410	C18H29F7O2	1000245-49-9	90
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	86
3		1-Docosene	308	C22H44	001599-67-3	55
4		1-Docosene	308	C22H44	001599-67-3	53
5		1-Nonadecene	266	C19H38	018435-45-5	53



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Sample : H5231-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNP0

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	3.21	2.6	ng/ul	157403	1	8.28	1220170	20.0
n-Hexadecanoic acid	18.48	3.5	ng/ul	617101	4	17.64	3527820	20.0
4-Heptafluorobuty...	21.52	2.0	ng/ul	417196	5	21.93	4133340	20.0