

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101916\
 Data File : BG024452.D
 Acq On : 19 Oct 2016 21:11
 Operator : UM/SJ
 Sample : H5241-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDND5

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	3.645	131	137	143	rVB4	30902	62998	1.33%	0.104%
2	3.822	165	167	173	rVB5	9170	13364	0.28%	0.022%
3	4.221	232	235	240	rVB2	9829	16693	0.35%	0.027%
4	4.873	342	346	349	rBV4	10271	15428	0.33%	0.025%
5	5.079	379	381	386	rVB5	7268	12672	0.27%	0.021%
6	5.120	386	388	392	rBV4	11588	13806	0.29%	0.023%
7	5.355	423	428	432	rVV7	12624	25175	0.53%	0.041%
8	5.402	432	436	439	rVB4	9110	12993	0.27%	0.021%
9	6.084	543	552	556	rBV9	6902	21008	0.44%	0.035%
10	6.336	589	595	597	rVB6	7225	12463	0.26%	0.021%
11	6.407	602	607	610	rBV4	8866	13894	0.29%	0.023%
12	6.630	637	645	648	rBV8	7774	12614	0.27%	0.021%
13	7.053	713	717	719	rBV4	7976	13020	0.27%	0.021%
14	7.200	737	742	752	rVV10	15109	38867	0.82%	0.064%
15	7.411	769	778	791	rVB	665357	1316842	27.80%	2.167%
16	7.594	801	809	821	rVB	475879	828282	17.49%	1.363%
17	7.805	837	845	849	rBV	624303	1113803	23.51%	1.833%
18	7.846	849	852	863	rVB	293993	473546	10.00%	0.779%
19	8.281	917	926	935	rVB	696931	1220186	25.76%	2.008%
20	8.968	1034	1043	1053	rBV	879307	1534026	32.38%	2.524%
21	9.380	1107	1113	1116	rBV7	7885	13554	0.29%	0.022%
22	9.456	1116	1126	1132	rBV	693550	1317232	27.81%	2.168%
23	9.509	1133	1135	1141	rVB6	40709	62568	1.32%	0.103%
24	9.797	1180	1184	1188	rVB6	15333	21028	0.44%	0.035%
25	10.179	1241	1249	1258	rBV2	616878	1138025	24.02%	1.873%
26	10.249	1258	1261	1264	rVB4	9062	13257	0.28%	0.022%
27	10.449	1294	1295	1303	rBV6	10254	19235	0.41%	0.032%
28	10.713	1332	1340	1352	rBV	927536	1715807	36.22%	2.824%
29	11.107	1398	1407	1417	rVB	1063145	1996959	42.16%	3.286%
30	11.236	1420	1429	1440	rBV	881451	1683502	35.54%	2.770%
31	11.448	1462	1465	1472	rVB4	6504	13677	0.29%	0.023%
32	11.607	1483	1492	1494	rBV8	11036	19320	0.41%	0.032%
33	11.830	1529	1530	1534	rBV4	12109	15078	0.32%	0.025%
34	12.288	1601	1608	1611	rBV7	10468	14871	0.31%	0.024%

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35	12.670	1667	1673	1678	rBV5	25091	50124	1.06%	0.082%
36	13.246	1767	1771	1776	rBV5	8172	15702	0.33%	0.026%
37	13.481	1807	1811	1818	rBV5	15884	31238	0.66%	0.051%
38	13.757	1853	1858	1864	rVB4	36007	55714	1.18%	0.092%
39	14.286	1937	1948	1952	rBV	1802939	2732073	57.67%	4.496%
40	14.333	1952	1956	1966	rVB	951512	1381635	29.17%	2.274%
41	14.439	1972	1974	1980	rBV5	9204	14389	0.30%	0.024%
42	14.521	1983	1988	1990	rBV4	10641	16246	0.34%	0.027%
43	14.591	1993	2000	2011	rVB	1878780	3069312	64.79%	5.051%
44	14.750	2021	2027	2031	rBV3	33561	66040	1.39%	0.109%
45	14.797	2033	2035	2039	rVB5	11779	14298	0.30%	0.024%
46	14.897	2045	2052	2060	rVB	1915437	3132347	66.12%	5.155%
47	15.055	2071	2079	2093	rBV	645127	1079362	22.79%	1.776%
48	15.191	2098	2102	2109	rVB9	15233	26594	0.56%	0.044%
49	15.255	2109	2113	2117	rBV7	18844	28946	0.61%	0.048%
50	15.361	2127	2131	2138	rBV10	15822	24358	0.51%	0.040%
51	15.431	2140	2143	2150	rVB8	10670	21498	0.45%	0.035%
52	15.584	2164	2169	2173	rBV7	11157	19971	0.42%	0.033%
53	15.649	2174	2180	2183	rVV4	24532	38939	0.82%	0.064%
54	15.690	2183	2187	2193	rVB	78718	111416	2.35%	0.183%
55	15.749	2193	2197	2201	rBV6	15523	22146	0.47%	0.036%
56	15.802	2201	2206	2210	rVB4	44257	60899	1.29%	0.100%
57	15.884	2212	2220	2230	rVB	2473901	3957579	83.55%	6.513%
58	15.984	2231	2237	2246	rBV2	594164	914740	19.31%	1.505%
59	16.107	2250	2258	2269	rVB9	46705	136250	2.88%	0.224%
60	16.184	2269	2271	2278	rBV6	13198	15426	0.33%	0.025%
61	16.242	2278	2281	2289	rVB10	17457	30770	0.65%	0.051%
62	16.313	2289	2293	2299	rBV7	14365	26497	0.56%	0.044%
63	16.454	2315	2317	2323	rBV5	19618	21106	0.45%	0.035%
64	16.554	2328	2334	2342	rBV4	102840	205940	4.35%	0.339%
65	16.665	2349	2353	2359	rVB9	12823	23875	0.50%	0.039%
66	16.836	2375	2382	2385	rBV8	18957	31062	0.66%	0.051%
67	16.894	2389	2392	2398	rBV7	14514	25605	0.54%	0.042%
68	17.041	2414	2417	2423	rVV6	35481	51799	1.09%	0.085%
69	17.100	2423	2427	2435	rVB	186328	270298	5.71%	0.445%
70	17.359	2464	2471	2477	rBV4	208193	374045	7.90%	0.616%
71	17.464	2485	2489	2495	rVB5	56726	76195	1.61%	0.125%

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72	17.558	2501	2505	2510	rBV8	11623	26406	0.56%	0.043%
73	17.635	2510	2518	2528	rVV	2290037	3651538	77.08%	6.009%
74	17.735	2528	2535	2546	rBV	2580101	4102411	86.60%	6.751%
75	17.887	2556	2561	2566	rBV8	12727	24694	0.52%	0.041%
76	17.970	2567	2575	2577	rBV9	14666	22972	0.48%	0.038%
77	18.081	2588	2594	2596	rBV4	31862	38933	0.82%	0.064%
78	18.111	2597	2599	2607	rVB6	37275	45160	0.95%	0.074%
79	18.369	2640	2643	2649	rVB8	15774	23704	0.50%	0.039%
80	18.475	2656	2661	2669	rBV2	275525	404162	8.53%	0.665%
81	18.557	2673	2675	2679	rVB4	14888	13550	0.29%	0.022%
82	18.763	2708	2710	2715	rBV6	17463	20329	0.43%	0.033%
83	19.045	2752	2758	2762	rBV4	34972	57138	1.21%	0.094%
84	19.133	2770	2773	2776	rBV5	11913	14841	0.31%	0.024%
85	19.227	2786	2789	2792	rBV5	14921	17936	0.38%	0.030%
86	19.350	2804	2810	2813	rBV8	24248	53194	1.12%	0.088%
87	19.392	2813	2817	2822	rVV8	18049	34652	0.73%	0.057%
88	19.603	2849	2853	2855	rBV5	16874	19987	0.42%	0.033%
89	19.644	2855	2860	2865	rVB4	42590	74402	1.57%	0.122%
90	19.732	2871	2875	2884	rVB8	92233	141976	3.00%	0.234%
91	19.826	2888	2891	2895	rBV6	39023	46133	0.97%	0.076%
92	19.897	2899	2903	2907	rBV3	32720	46483	0.98%	0.076%
93	20.003	2915	2921	2931	rBV	3085821	4737050	100.00%	7.795%
94	20.173	2948	2950	2954	rBV5	15012	19658	0.41%	0.032%
95	20.508	3004	3007	3013	rVB7	38272	46477	0.98%	0.076%
96	21.518	3173	3179	3194	rBV3	303371	652236	13.77%	1.073%
97	21.853	3232	3236	3241	rBV7	49578	89131	1.88%	0.147%
98	21.936	3243	3250	3259	rVB	2394782	4262900	89.99%	7.015%
99	25.132	3783	3794	3809	rVB2	1504989	4586953	96.83%	7.548%
100	25.373	3822	3835	3849	rBV3	1396810	4502013	95.04%	7.409%

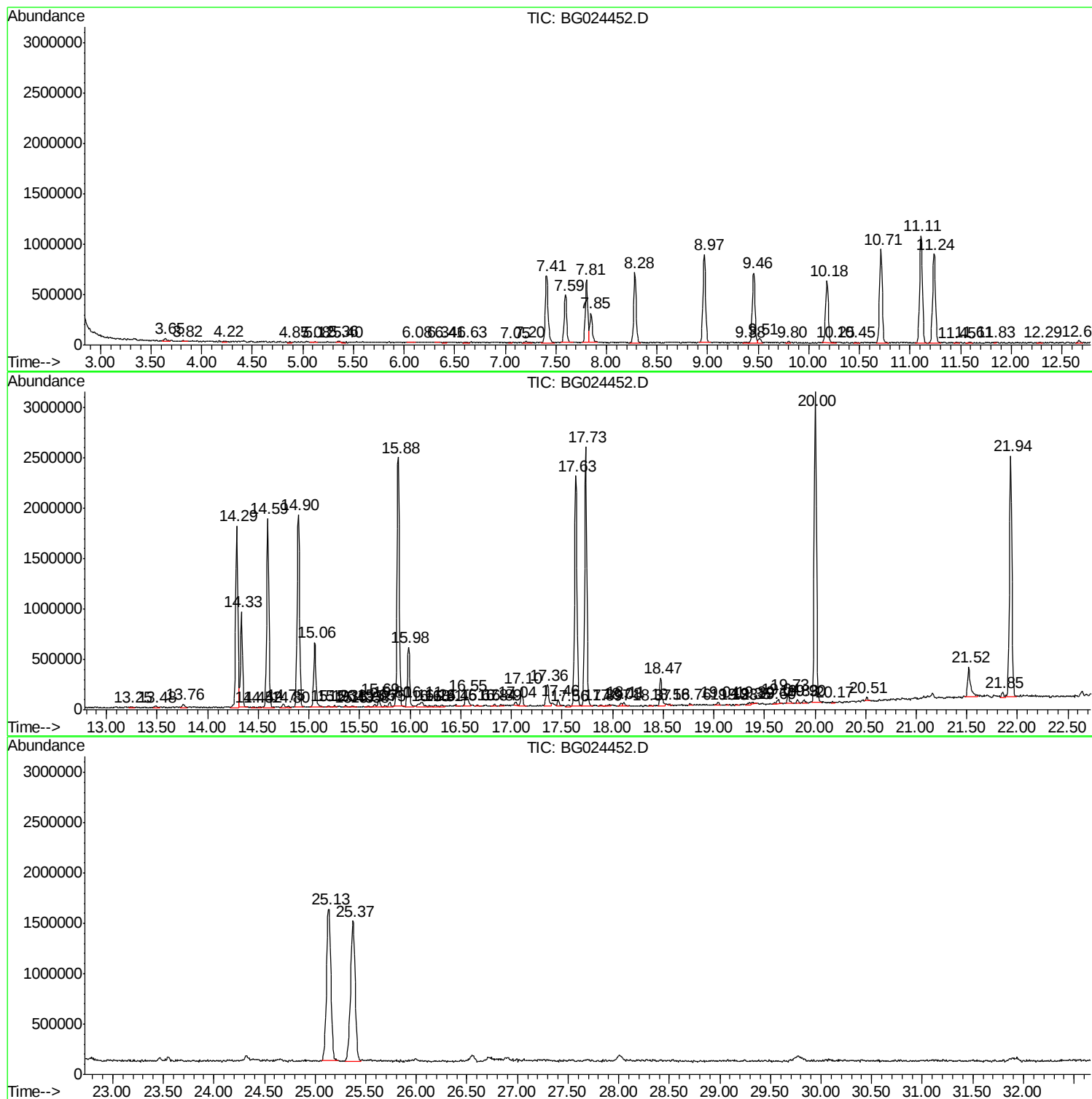
Sum of corrected areas: 60767246

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



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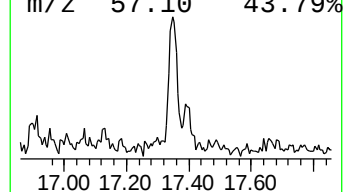
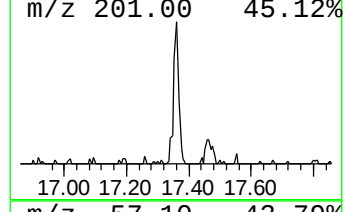
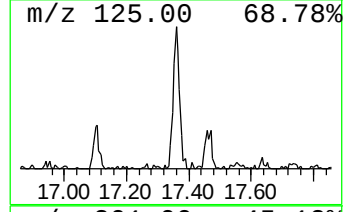
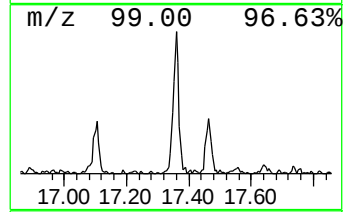
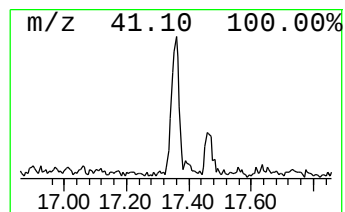
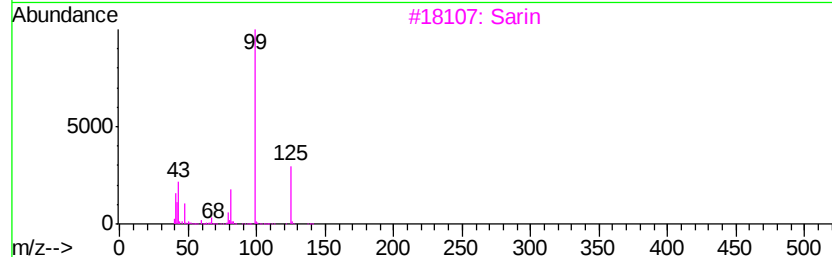
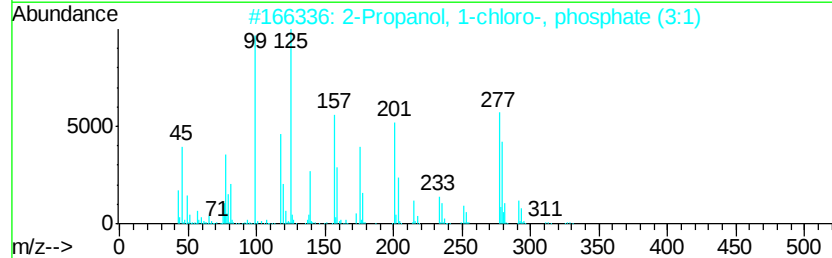
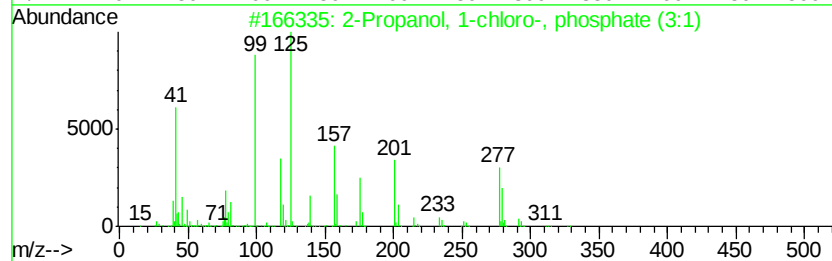
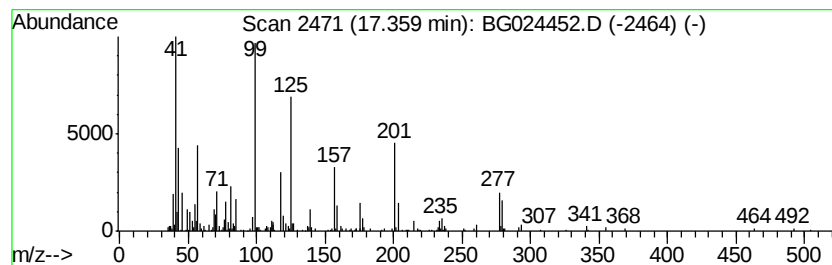
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	2.05 ng/ul	374045	Phenanthrene-d10	17.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	49
2		2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	35
3		Sarin	140	C4H10F02P	000107-44-8	35
4		Benzoic acid, 4-[2-(1-piperazin...	277	C14H19N3O3	1000350-32-6	16
5		Hexanoic acid, 3-pentyl ester	186	C11H22O2	1000325-69-9	16



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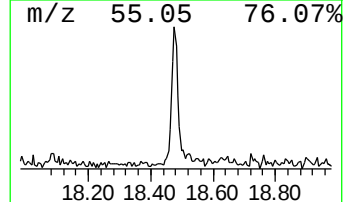
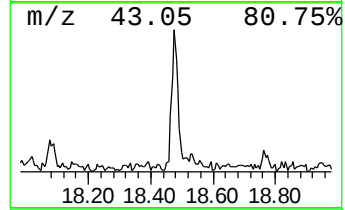
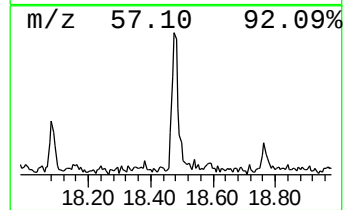
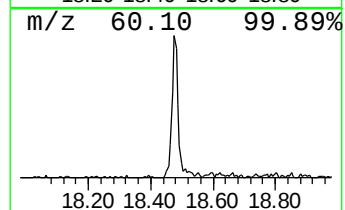
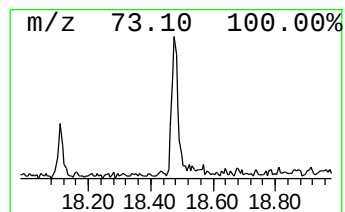
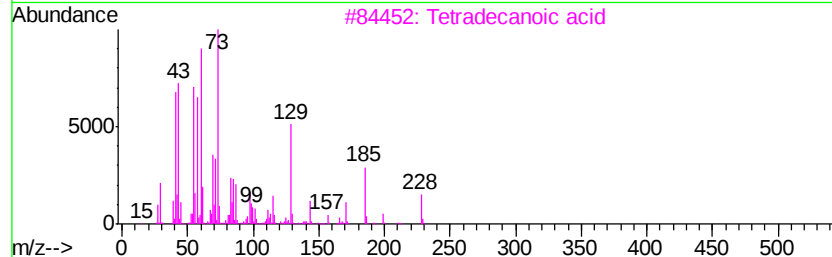
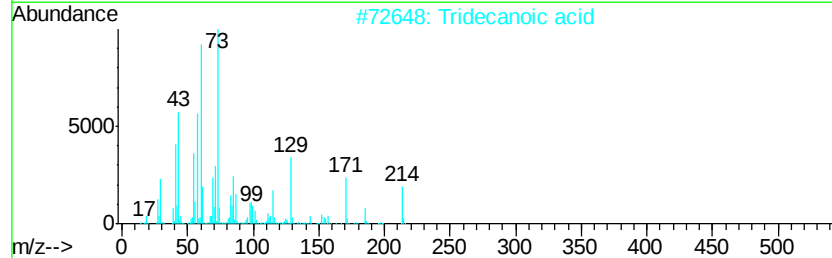
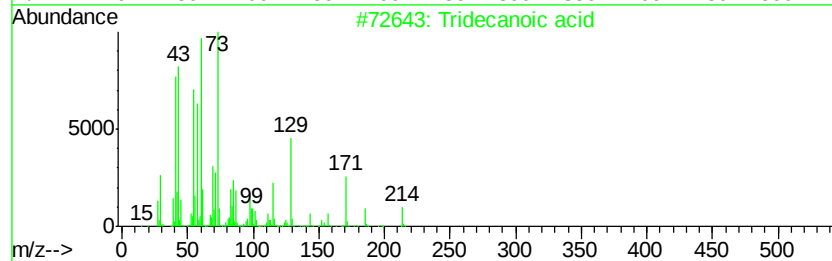
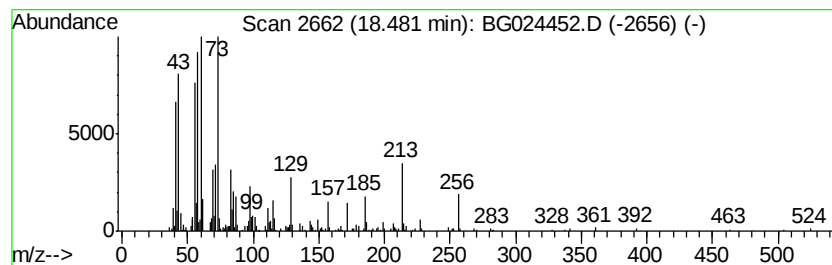
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.21 ng/ul	404162	Phenanthrene-d10	17.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	91
2		Tridecanoic acid	214	C13H26O2	000638-53-9	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4		Tridecanoic acid	214	C13H26O2	000638-53-9	68
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



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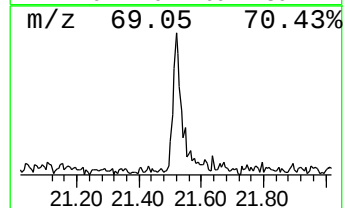
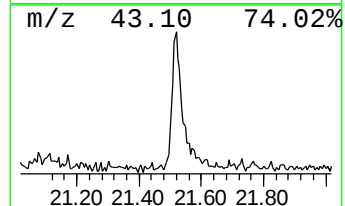
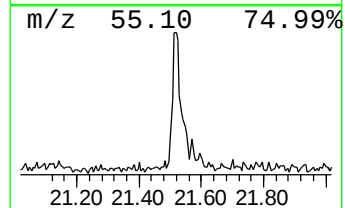
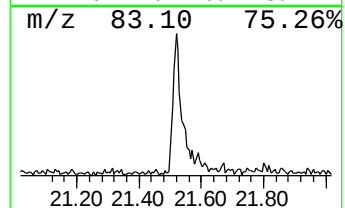
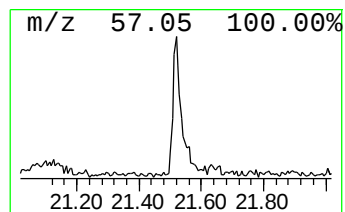
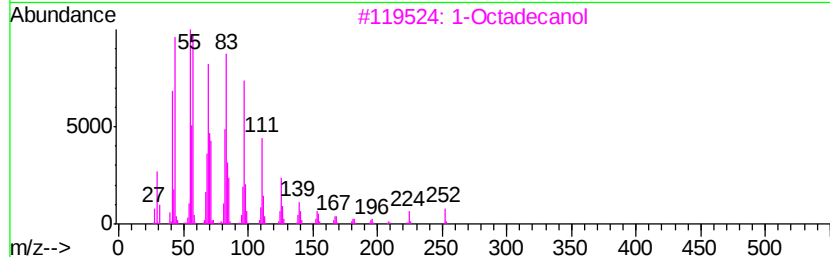
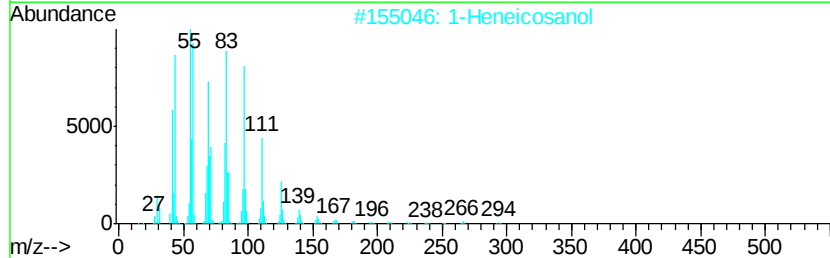
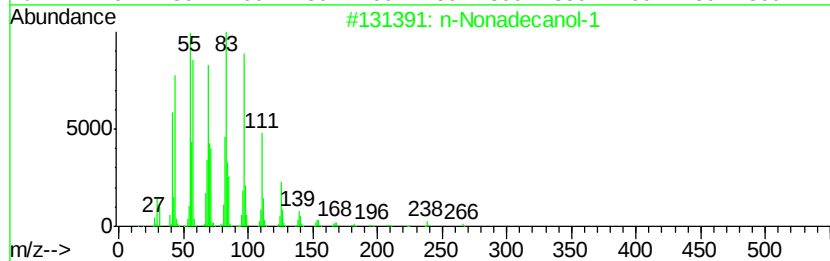
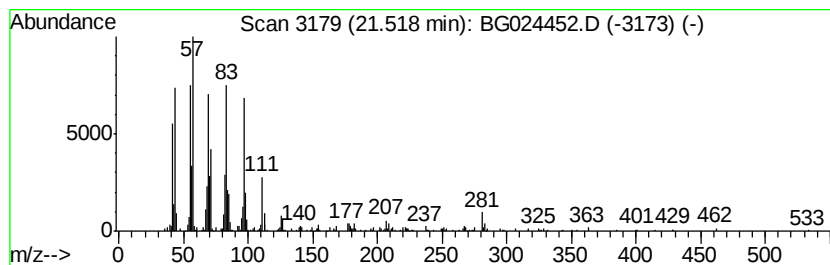
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Peak Number 3 n-Nonadecanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	3.06 ng/ul	652236	Chrysene-d12	21.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Nonadecanol-1	284 C19H40O	001454-84-8	81
2	1-Heneicosanol	312 C21H44O	015594-90-8	81
3	1-Octadecanol	270 C18H38O	000112-92-5	81
4	1-Octadecanol	270 C18H38O	000112-92-5	74
5	Behenic alcohol	326 C22H46O	000661-19-8	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101916\
Data File : BG024452.D
Acq On : 19 Oct 2016 21:11
Operator : UM/SJ
Sample : H5241-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDND5

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	17.36	2.0	ng/ul	374045	4	17.63	3651540	20.0
Tridecanoic acid	18.48	2.2	ng/ul	404162	4	17.63	3651540	20.0
n-Nonadecanol-1	21.52	3.1	ng/ul	652236	5	21.94	4262900	20.0