

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
 Data File : BG024783.D
 Acq On : 15 Nov 2016 3:51
 Operator : UM/SJ
 Sample : H5626-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F2J02

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-BG111416.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	3.469	104	107	109	rBV4	9799	12231	0.38%	0.036%
2	4.403	259	266	269	rVB5	8289	16323	0.51%	0.048%
3	5.319	416	422	432	rVB3	29550	59729	1.88%	0.177%
4	5.736	489	493	500	rBV7	8228	18538	0.58%	0.055%
5	5.866	510	515	518	rBV6	12134	22620	0.71%	0.067%
6	6.154	559	564	571	rBV4	6194	16170	0.51%	0.048%
7	6.242	577	579	587	rVB5	10020	12089	0.38%	0.036%
8	7.399	769	776	778	rBV3	75070	136916	4.31%	0.405%
9	7.575	799	806	813	rBV	201807	353449	11.12%	1.045%
10	7.787	834	842	850	rBV2	229112	428534	13.48%	1.267%
11	7.893	857	860	866	rVB6	7319	12998	0.41%	0.038%
12	7.975	871	874	877	rBV3	11274	13964	0.44%	0.041%
13	8.198	908	912	916	rVB6	8247	13550	0.43%	0.040%
14	8.263	916	923	936	rVB	370965	680289	21.40%	2.012%
15	8.369	936	941	944	rBV5	11220	17856	0.56%	0.053%
16	8.474	953	959	963	rBV6	12142	19758	0.62%	0.058%
17	8.633	975	986	993	rVB2	70642	134059	4.22%	0.396%
18	8.798	1006	1014	1024	rVB4	32635	70233	2.21%	0.208%
19	8.950	1025	1040	1048	rVV2	186634	368975	11.61%	1.091%
20	9.221	1081	1086	1089	rBV5	7932	11843	0.37%	0.035%
21	9.432	1113	1122	1131	rBV	290137	536062	16.86%	1.585%
22	9.626	1152	1155	1159	rVB4	11452	19810	0.62%	0.059%
23	9.767	1167	1179	1183	rBV7	22090	68262	2.15%	0.202%
24	9.984	1210	1216	1218	rBV3	7402	12302	0.39%	0.036%
25	10.161	1237	1246	1254	rBV2	263953	483831	15.22%	1.431%
26	10.319	1268	1273	1277	rVB4	7524	13965	0.44%	0.041%
27	10.431	1288	1292	1296	rBV4	8404	13096	0.41%	0.039%
28	10.695	1327	1337	1345	rVV	350690	674834	21.23%	1.996%
29	11.089	1395	1404	1408	rBV	498477	941440	29.62%	2.784%
30	11.136	1408	1412	1420	rVB	499337	923226	29.04%	2.730%
31	11.259	1422	1433	1443	rBV2	48073	95479	3.00%	0.282%
32	11.959	1550	1552	1559	rBV5	6293	12141	0.38%	0.036%
33	12.652	1657	1670	1675	rBV8	12575	33579	1.06%	0.099%
34	12.722	1677	1682	1690	rVB4	29413	51321	1.61%	0.152%

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35	12.840	1695	1702	1705	rBV4	9038	14444	0.45%	0.043%
36	12.940	1712	1719	1726	rVB4	36156	64171	2.02%	0.190%
37	13.733	1846	1854	1862	rVB4	34652	66963	2.11%	0.198%
38	14.268	1936	1945	1950	rVV	873490	1278018	40.20%	3.780%
39	14.315	1950	1953	1959	rVV	172710	242566	7.63%	0.717%
40	14.373	1959	1963	1968	rVB7	19827	32704	1.03%	0.097%
41	14.450	1970	1976	1980	rVB7	7115	15251	0.48%	0.045%
42	14.509	1980	1986	1990	rBV8	16072	29917	0.94%	0.088%
43	14.573	1990	1997	2006	rVV	777194	1284925	40.42%	3.800%
44	14.726	2017	2023	2028	rBV5	30041	41954	1.32%	0.124%
45	14.879	2038	2049	2055	rBV	966762	1524279	47.95%	4.508%
46	14.943	2056	2060	2065	rVB6	27566	47290	1.49%	0.140%
47	15.008	2065	2071	2074	rBV5	11263	20728	0.65%	0.061%
48	15.061	2074	2080	2090	rVB2	96725	186482	5.87%	0.552%
49	15.249	2105	2112	2113	rBV6	18681	39068	1.23%	0.116%
50	15.272	2113	2116	2122	rVB4	26477	42024	1.32%	0.124%
51	15.343	2122	2128	2131	rBV7	13390	21040	0.66%	0.062%
52	15.413	2137	2140	2145	rBV5	7533	12102	0.38%	0.036%
53	15.507	2151	2156	2161	rBV5	13209	20205	0.64%	0.060%
54	15.672	2180	2184	2190	rVB	96479	111322	3.50%	0.329%
55	15.866	2209	2217	2224	rBV	1173549	1875527	59.00%	5.547%
56	15.919	2224	2226	2228	rVV3	13364	14291	0.45%	0.042%
57	15.972	2228	2235	2242	rVB	487693	718153	22.59%	2.124%
58	16.071	2245	2252	2263	rBV7	29620	84850	2.67%	0.251%
59	16.177	2266	2270	2273	rVB5	13949	19437	0.61%	0.057%
60	16.230	2275	2279	2286	rBV8	12252	24449	0.77%	0.072%
61	16.295	2286	2290	2293	rVV7	11548	14489	0.46%	0.043%
62	16.383	2297	2305	2307	rBV7	9461	22313	0.70%	0.066%
63	16.530	2325	2330	2340	rBV2	109534	199945	6.29%	0.591%
64	16.706	2359	2360	2365	rBV5	11023	12550	0.39%	0.037%
65	16.865	2385	2387	2392	rBV3	11886	19852	0.62%	0.059%
66	16.935	2395	2399	2402	rBV6	15933	17208	0.54%	0.051%
67	17.035	2414	2416	2420	rVB4	12296	16341	0.51%	0.048%
68	17.100	2423	2427	2432	rVB6	12175	18992	0.60%	0.056%
69	17.147	2432	2435	2439	rBV6	14451	17237	0.54%	0.051%
70	17.188	2440	2442	2448	rVB7	9253	12669	0.40%	0.037%
71	17.323	2461	2465	2469	rBV2	103002	127239	4.00%	0.376%

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Integration Parameters: LSCINT.P

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72	17.376	2469	2474	2478	rBV4	25664	43934	1.38%	0.130%
73	17.623	2509	2516	2526	rBV	1322956	2128790	66.97%	6.296%
74	17.717	2526	2532	2542	rVB	1526798	2327678	73.23%	6.884%
75	17.805	2543	2547	2553	rVB9	14140	19025	0.60%	0.056%
76	17.869	2553	2558	2562	rVB7	12968	24257	0.76%	0.072%
77	18.022	2580	2584	2587	rBV3	18357	31801	1.00%	0.094%
78	18.057	2587	2590	2595	rVB4	51589	70594	2.22%	0.209%
79	18.122	2596	2601	2604	rVB6	8226	13308	0.42%	0.039%
80	18.463	2653	2659	2665	rBV2	268555	364361	11.46%	1.078%
81	18.545	2669	2673	2679	rVB5	40117	64458	2.03%	0.191%
82	18.786	2711	2714	2717	rVB4	24052	19637	0.62%	0.058%
83	18.880	2725	2730	2733	rBV6	14474	19829	0.62%	0.059%
84	19.309	2799	2803	2811	rVB10	11017	28192	0.89%	0.083%
85	19.585	2846	2850	2853	rBV6	17964	25117	0.79%	0.074%
86	19.626	2853	2857	2861	rVB5	30596	42459	1.34%	0.126%
87	19.720	2868	2873	2888	rBV3	207581	356470	11.21%	1.054%
88	19.885	2895	2901	2905	rVB5	55898	80013	2.52%	0.237%
89	19.990	2912	2919	2927	rBV	2107932	3178790	100.00%	9.401%
90	20.449	2994	2997	3005	rBV10	24757	60195	1.89%	0.178%
91	20.842	3058	3064	3071	rBV10	121274	236428	7.44%	0.699%
92	20.966	3081	3085	3089	rVB3	79448	103715	3.26%	0.307%
93	21.001	3090	3091	3096	rVB5	46340	52765	1.66%	0.156%
94	21.494	3169	3175	3188	rBV5	169176	344263	10.83%	1.018%
95	21.912	3239	3246	3257	rVB	1608610	2956156	93.00%	8.743%
96	23.422	3500	3503	3512	rVB10	48706	90735	2.85%	0.268%
97	23.633	3534	3539	3545	rVB5	73466	156749	4.93%	0.464%
98	24.268	3642	3647	3655	rBV5	49668	127196	4.00%	0.376%
99	25.108	3778	3790	3805	rVB2	1020969	3067686	96.50%	9.072%
100	25.343	3812	3830	3843	rVB2	949910	3168128	99.66%	9.370%

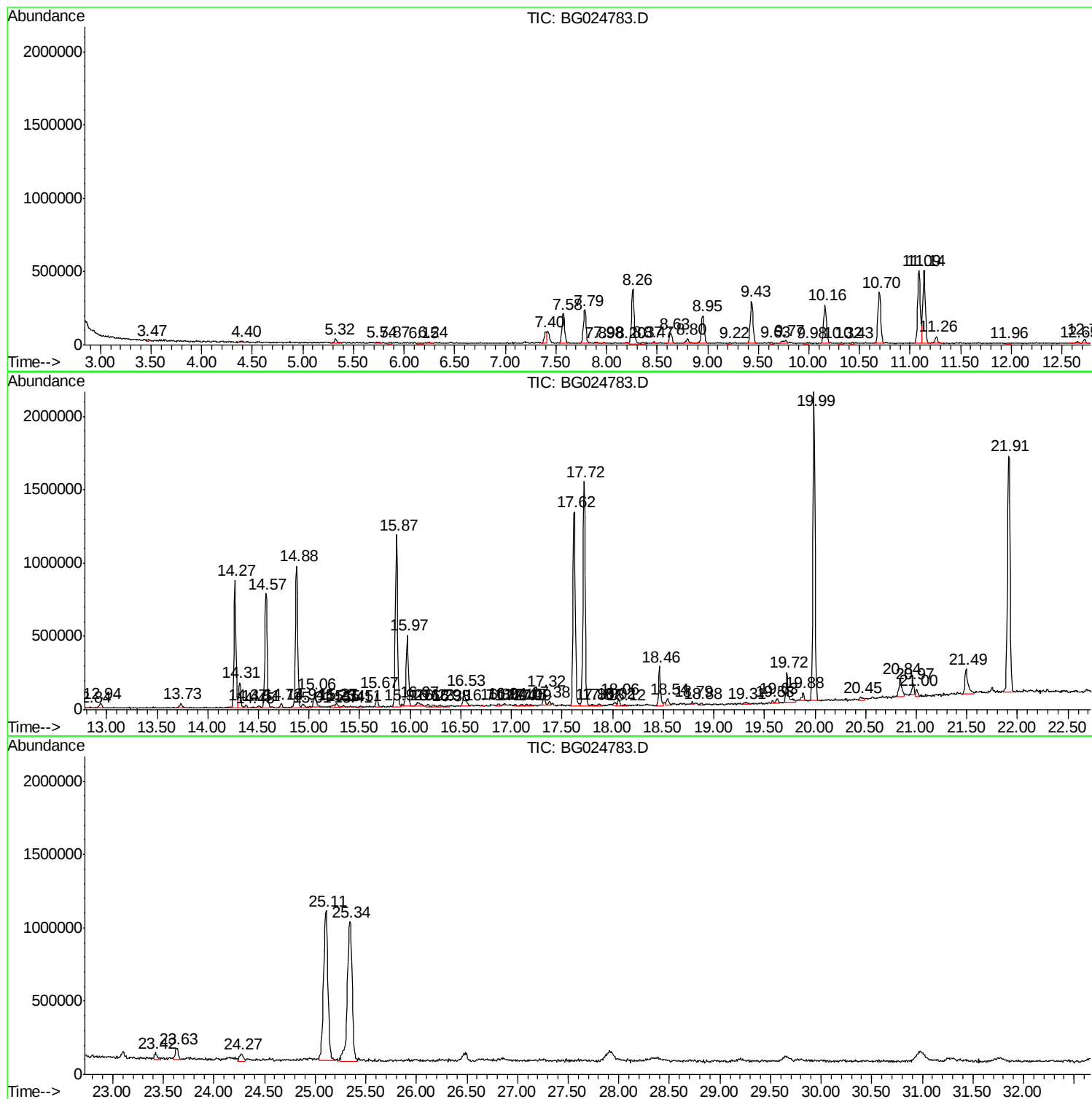
Sum of corrected areas: 33813196

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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



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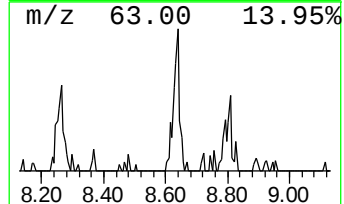
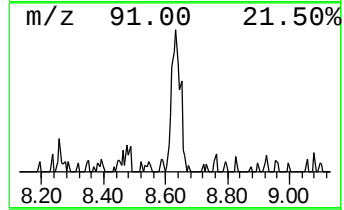
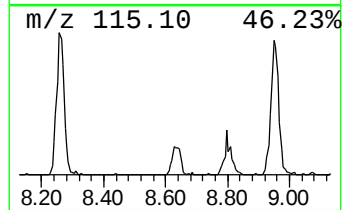
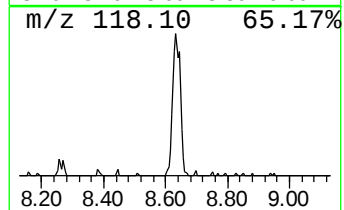
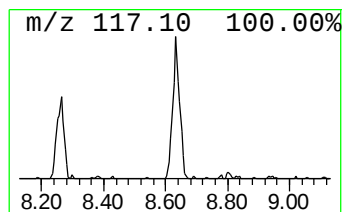
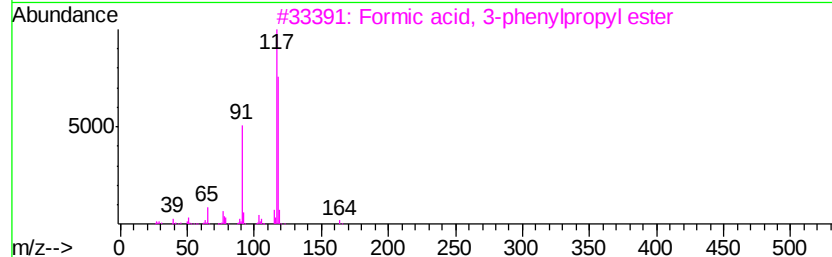
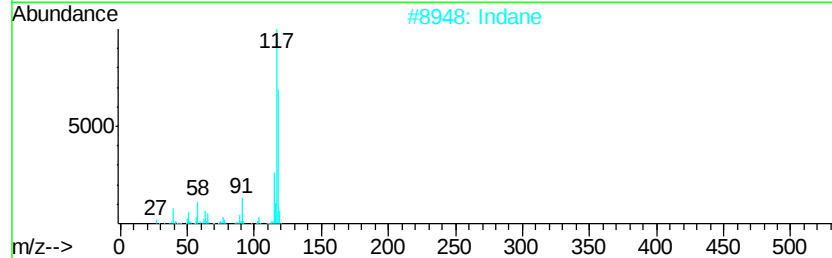
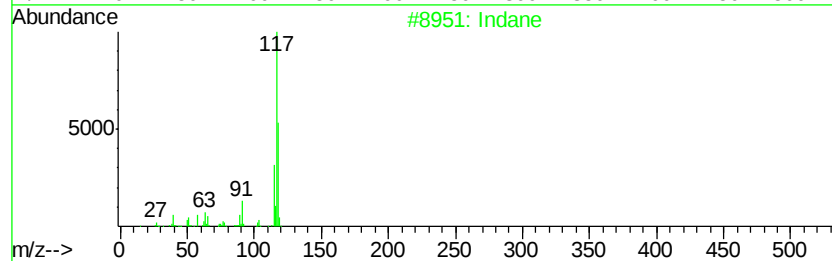
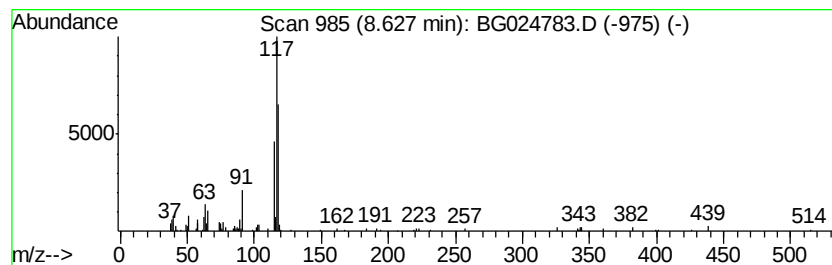
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	3.94 ng/ul	134059	1,4-Dichlorobenzene-d4	8.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indane		118 C9H10	000496-11-7 76
2	Indane		118 C9H10	000496-11-7 68
3	Formic acid, 3-phenylpropyl ester		164 C10H12O2	1000367-88-7 64
4	Benzene, cyclopropyl-		118 C9H10	000873-49-4 64
5	Indane		118 C9H10	000496-11-7 64



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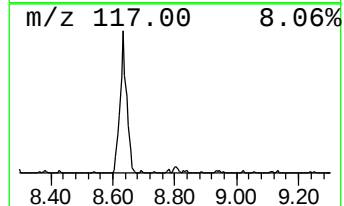
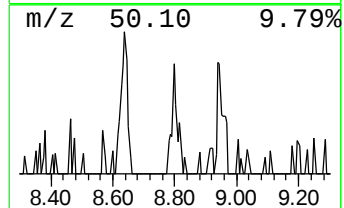
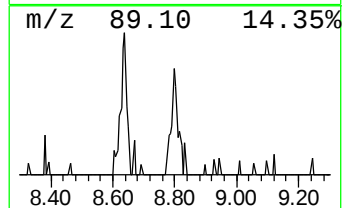
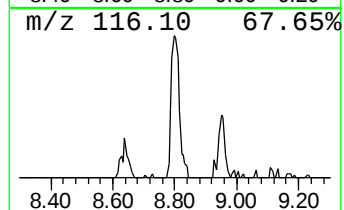
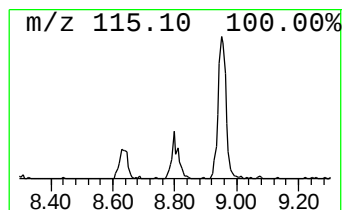
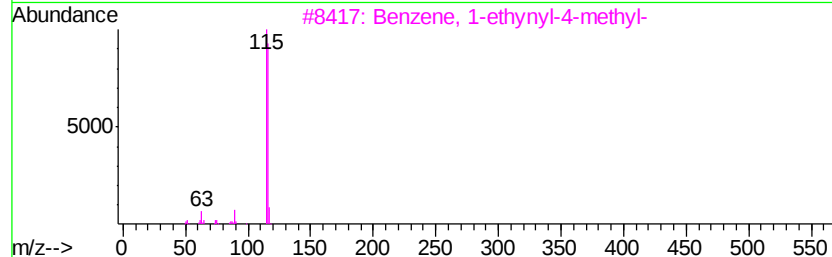
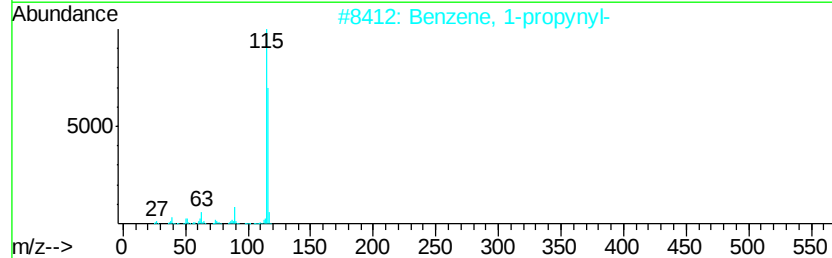
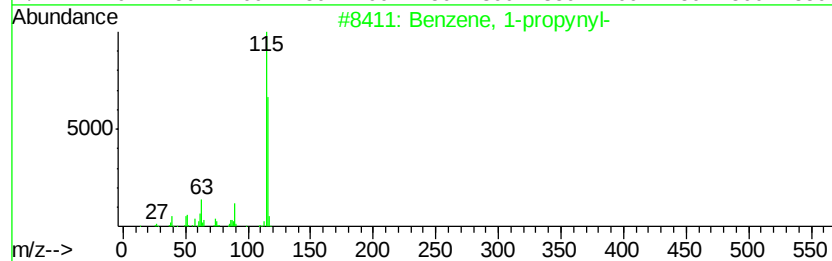
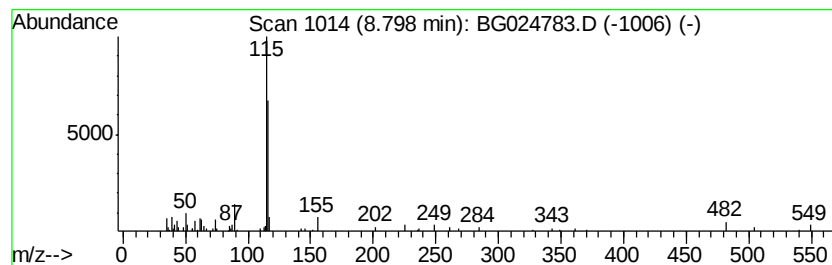
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1-propynyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	2.06 ng/ul	70233	1,4-Dichlorobenzene-d4	8.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-propynyl-	116	C9H8	000673-32-5	74
2			Benzene, 1-propynyl-	116	C9H8	000673-32-5	72
3			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	72
4			3-Methylphenylacetylene	116	C9H8	000766-82-5	72
5			2-Methylphenylacetylene	116	C9H8	000766-47-2	64



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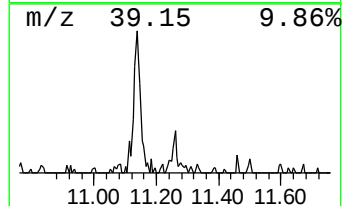
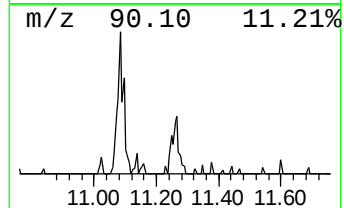
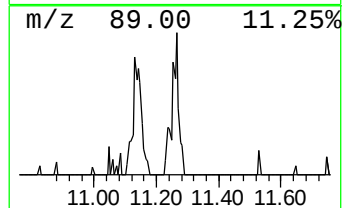
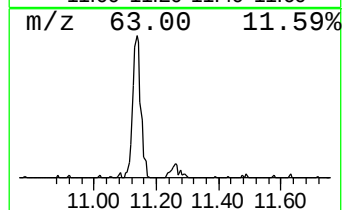
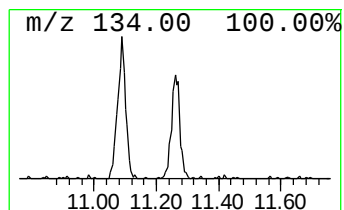
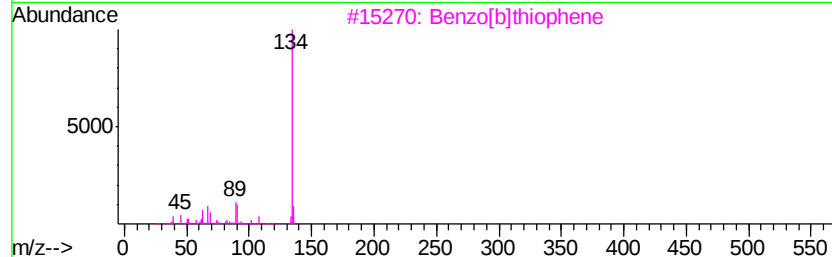
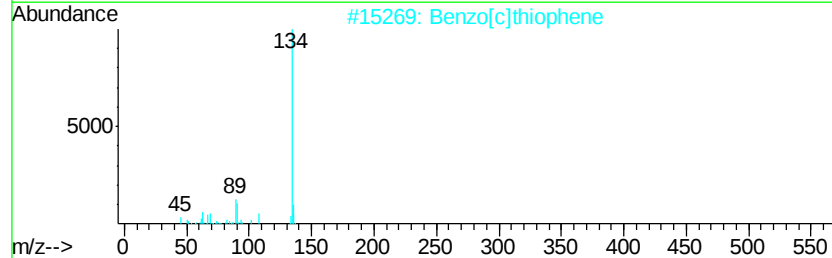
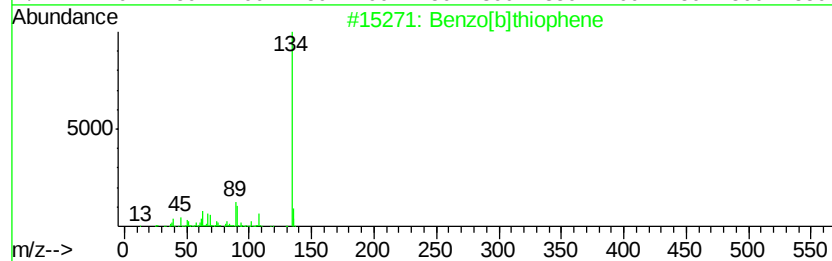
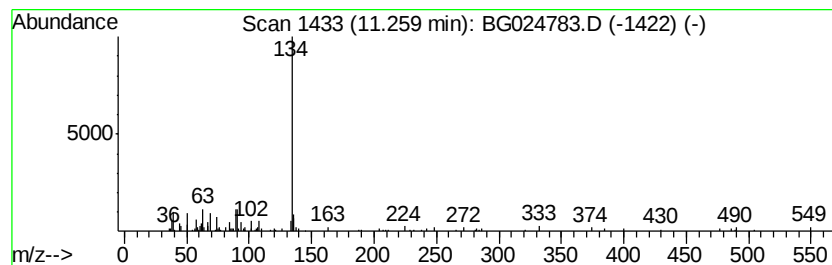
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Benzo[b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	2.03 ng/ul	95479	Naphthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene	134	C8H6S	000095-15-8	87
2		Benzo[c]thiophene	134	C8H6S	000270-82-6	87
3		Benzo[b]thiophene	134	C8H6S	000095-15-8	87
4		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	87
5		Benzo[b]thiophene	134	C8H6S	000095-15-8	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024783.D
Acq On : 15 Nov 2016 3:51
Operator : UM/SJ
Sample : H5626-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F2J02

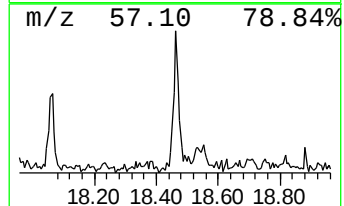
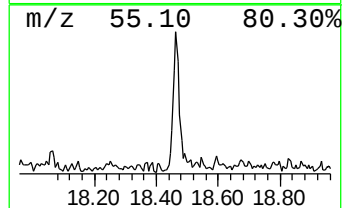
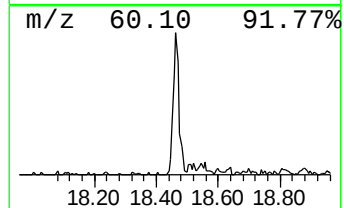
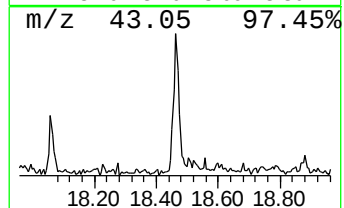
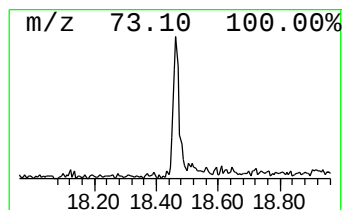
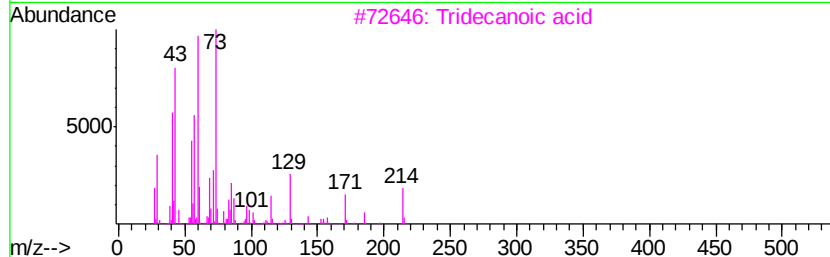
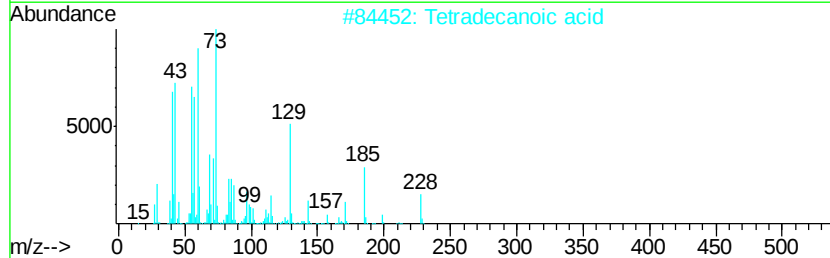
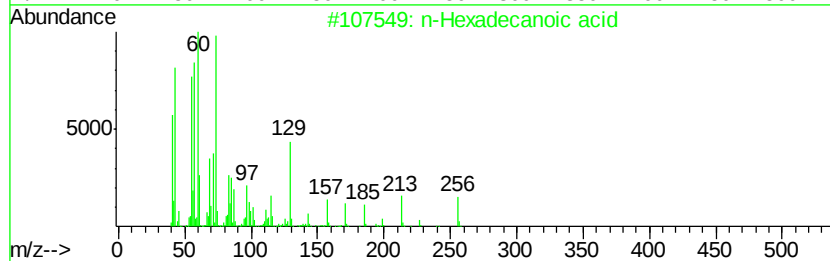
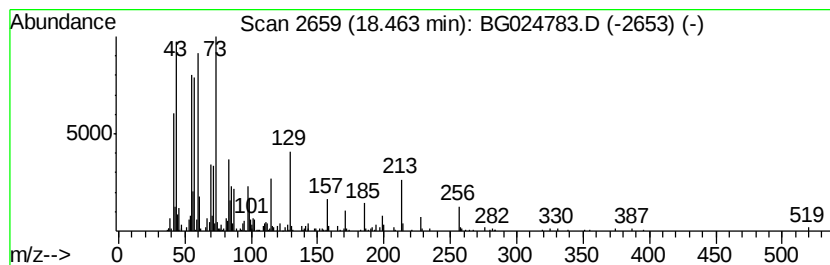
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	3.42 ng/ul	364361	Phenanthrene-d10	17.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024783.D
Acq On : 15 Nov 2016 3:51
Operator : UM/SJ
Sample : H5626-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F2J02

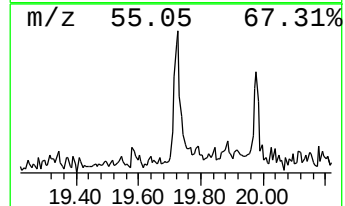
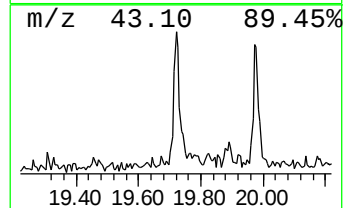
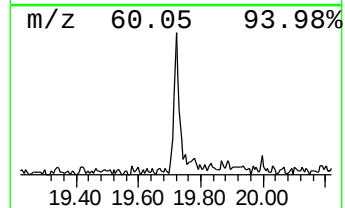
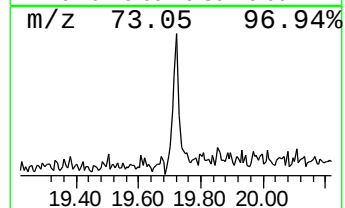
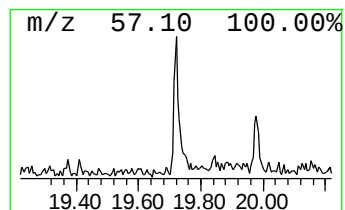
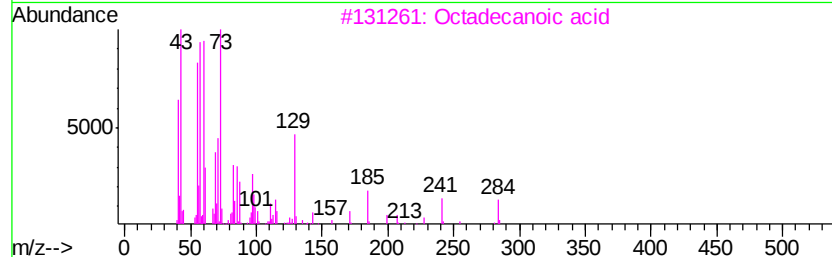
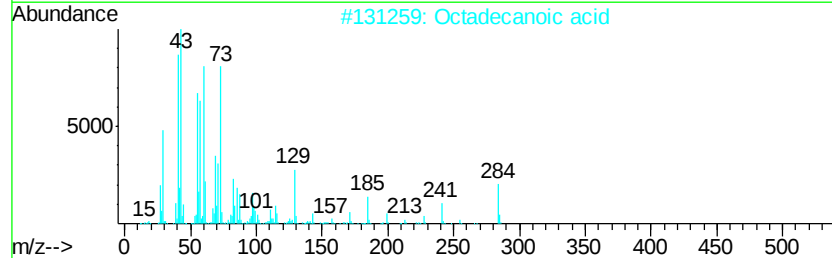
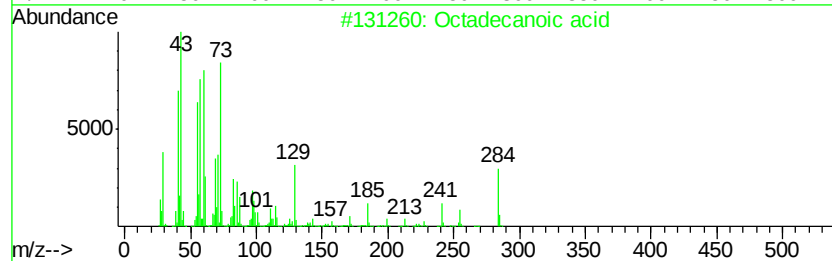
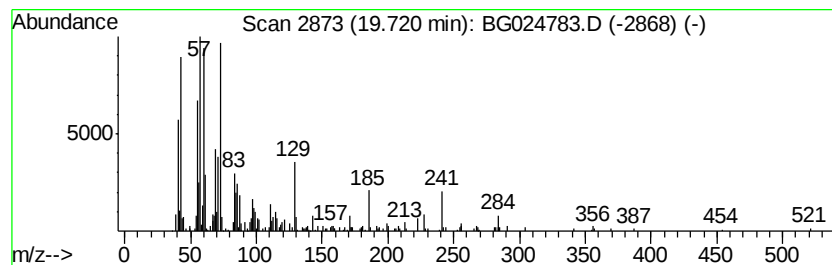
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.72	3.35 ng/ul	356470	Phenanthrene-d10		17.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Octadecanoic acid	284	C18H36O2	000057-11-4	92
4			Octadecanoic acid	284	C18H36O2	000057-11-4	90
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	89



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024783.D
Acq On : 15 Nov 2016 3:51
Operator : UM/SJ
Sample : H5626-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F2J02

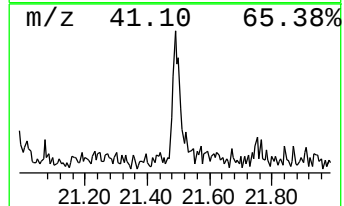
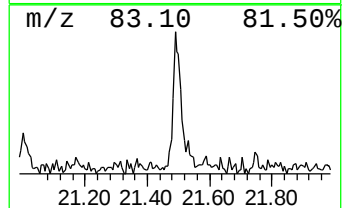
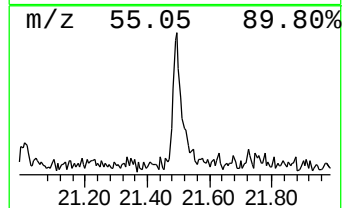
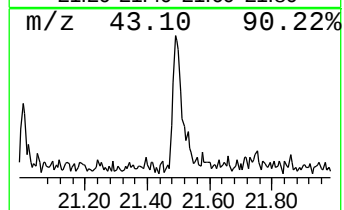
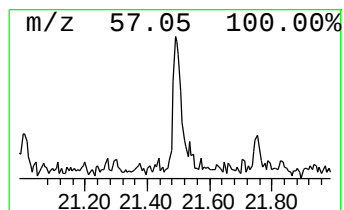
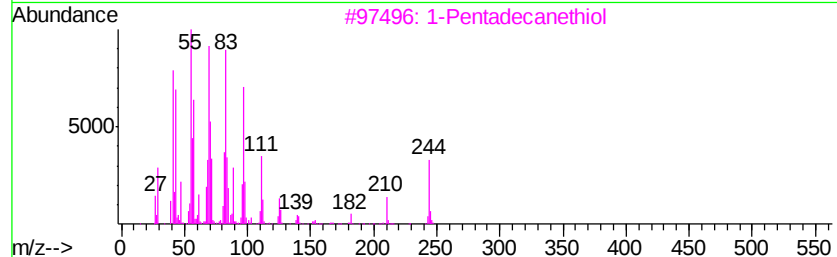
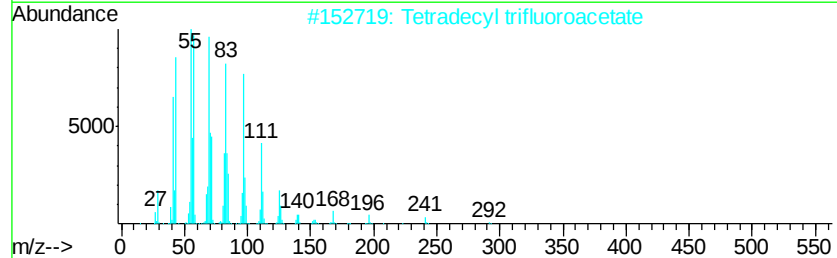
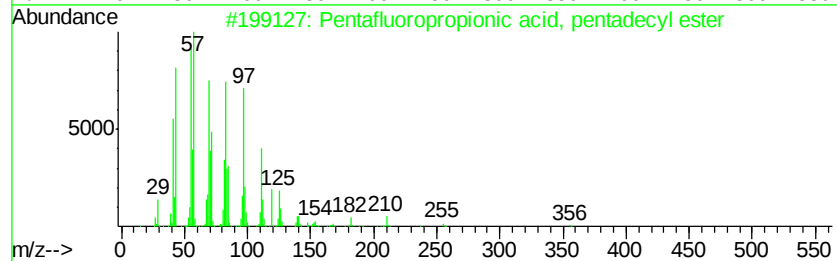
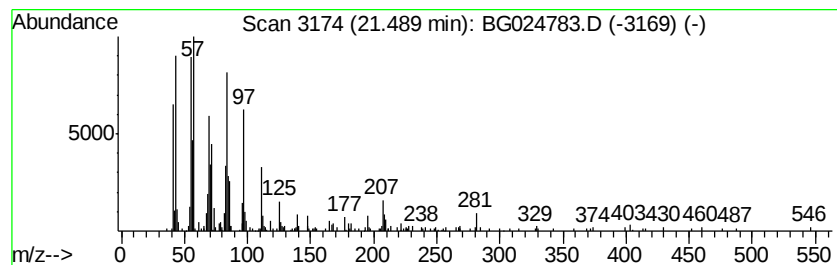
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	2.33 ng/ul	344263	Chrysene-d12	21.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	87
2		Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	72
3		1-Pentadecanethiol	244	C15H32S	025276-70-4	68
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	64
5		Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	64



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Acq On : 15 Nov 2016 3:51
Operator : UM/SJ
Sample : H5626-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F2J02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.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
Indane	8.63	3.9	ng/ul	134059	1	8.26	680289	20.0
Benzene, 1-propynyl-	8.80	2.1	ng/ul	70233	1	8.26	680289	20.0
Benzo[b]thiophene	11.26	2.0	ng/ul	95479	2	11.09	941440	20.0
n-Hexadecanoic acid	18.46	3.4	ng/ul	364361	4	17.62	2128790	20.0
Octadecanoic acid	19.72	3.4	ng/ul	356470	4	17.62	2128790	20.0
Pentafluoropropio...	21.49	2.3	ng/ul	344263	5	21.91	2956160	20.0