LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002226.D
Acq On : 05 Aug 2015 01:07
Operator : TP/UM
Sample : G3095-09RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01R9RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.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	2.757	9	12	17	rVB3	2430	2991	0.21%	0.025%
2	2.969	45	48	53	rBV	4856	6034	0.41%	0.051%
3	3.499	134	138	142	rBV2	3834	4681	0.32%	0.040%
4	6.722	681	686	695	rBB	92099	139250	9.56%	1.175%
5	6.863	705	710	717	rBB	70805	104299	7.16%	0.880%
6	7.063	738	744	752	rBB	98218	150443	10.32%	1.270%
7	7.522	816	822	830	rBB	209484	321400	22.06%	2.712%
8	8.257	941	947	955	rBB	100997	157536	10.81%	1.330%
9	8.357	961	964	967	rBB	1549	2061	0.14%	0.017%
10	8.687	1015	1020	1028	rBB	81844	134350	9.22%	1.134%
11	9.410	1137	1143	1149	rBB	72502	114515	7.86%	0.966%
12	9.957	1230	1236	1245	rBB	109908	180802	12.41%	1.526%
13	10.316	1290	1297	1303	rBV	284753	478876	32.86%	4.042%
14	10.363	1303	1305	1310	rVB	5807	6760	0.46%	0.057%
15	10.463	1317	1322	1334	rBB	61623	106670	7.32%	0.900%
16	11.992	1578	1582	1586	rBB2	2797	3929	0.27%	0.033%
17	12.216	1617	1620	1624	rBB	3084	4119	0.28%	0.035%
18	12.533	1671	1674	1677	rBB	2215	2551	0.18%	0.022%
19	12.786	1714	1717	1720	rBB	4512	4736	0.33%	0.040%
20	13.516	1838	1841	1845	rBB	2667	3528	0.24%	0.030%
21	13.569	1848	1850	1853	rBV	1265	1724	0.12%	0.015%
22	13.616	1853	1858	1862	rVV	191247	257122	17.65%	2.170%
23	13.663	1862	1866	1871	rVB	69158	89558	6.15%	0.756%
24	13.892	1899	1905	1917	rBB	192934	297141	20.39%	2.508%
25	14.204	1951	1958	1964	rBV2	431365	637037	43.72%	5.376%
26	14.263	1964	1968	1973	rVB	16046	21762	1.49%	0.184%
27	14.463	1996	2002	2008	rBV	38595	61466	4.22%	0.519%
28	14.510	2008	2010	2013	rVB2	3310	3338	0.23%	0.028%
29	14.604	2022	2026	2031	rBV3	8586	12785	0.88%	0.108%
30	14.680	2035	2039	2042	rBB	1309	1856	0.13%	0.016%
31	14.827	2060	2064	2066	rBB	1308	1857	0.13%	0.016%
32	14.998	2090	2093	2095	rVB2	2176	2458	0.17%	0.021%
33	15.051	2095	2102	2104	rBV3	2519	3742	0.26%	0.032%
34	15.074	2104	2106	2110	rVB	1467	1860	0.13%	0.016%

LSC Area Percent Report

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Acq On : 05 Aug 2015 01:07
Operator : TP/UM
Sample : G3095-09RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01R9RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Title : SVOA CALIBRATION

35	15.204	2122	2128	2133	rBV	233689	327965	22.51%	2.768%
36	15.257	2133	2137	2144	rVB	20843	29891	2.05%	0.252%
37	15.363	2150	2155	2161	rBV2	13336	21295	1.46%	0.180%
38	15.427	2161	2166	2170	rVV	56031	69358	4.76%	0.585%
39	15.463	2170	2172	2175	rVB	3108	3248	0.22%	0.027%
40	15.551	2183	2187	2190	rVB2	4217	5469	0.38%	0.046%
41	15.621	2194	2199	2201	rBV	1390	1935	0.13%	0.016%
42	15.704	2209	2213	2216	rBV2	2129	3200	0.22%	0.027%
43	15.792	2226	2228	2233	rBV2	2070	2132	0.15%	0.018%
44	15.863	2239	2240	2243	rBV2	1287	1667	0.11%	0.014%
45	15.921	2246	2250	2251	rVV4	5985	7671	0.53%	0.065%
46	15.939	2251	2253	2258	rVB3	5833	8054	0.55%	0.068%
47	16.021	2264	2267	2268	rBV2	3113	2517	0.17%	0.021%
48	16.074	2273	2276	2277	rBV2	1656	1934	0.13%	0.016%
49	16.104	2277	2281	2282	rVV2	1986	2566	0.18%	0.022%
50	16.262	2296	2308	2312	rBV6	8244	18027	1.24%	0.152%
51	16.310	2312	2316	2322	rVB4	6492	11419	0.78%	0.096%
52	16.363	2322	2325	2326	rBV3	3709	3104	0.21%	0.026%
53	16.410	2330	2333	2335	rBV3	3732	3864	0.27%	0.033%
54	16.462	2340	2342	2344	rBV3	1842	1892	0.13%	0.016%
55	16.533	2350	2354	2356	rBV5	6079	7919	0.54%	0.067%
56	16.557	2356	2358	2362	rVB4	4427	4764	0.33%	0.040%
57	16.615	2362	2368	2373	rBV	16320	25617	1.76%	0.216%
58	16.710	2377	2384	2388	rBV6	8791	14193	0.97%	0.120%
59	16.739	2388	2389	2391	rVV	2183	1926	0.13%	0.016%
60	16.774	2391	2395	2401	rVB	22348	32132	2.21%	0.271%
61	16.957	2420	2426	2430	rBV	546377	763910	52.43%	6.447%
62	16.998	2430	2433	2438	rVV	333938	447270	30.70%	3.775%
63	17.057	2438	2443	2447	rVV	263177	365489	25.08%	3.085%
64	17.092	2447	2449	2454	rVB	73309	78028	5.36%	0.659%
65	17.139	2454	2457	2458	rBV3	7650	7794	0.53%	0.066%
66	17.198	2465	2467	2470	rVB4	2447	2008	0.14%	0.017%
67	17.233	2470	2473	2478	rBV6	5118	8766	0.60%	0.074%
68	17.274	2478	2480	2483	rVB4	3454	2160	0.15%	0.018%
69	17.345	2487	2492	2494	rBV3	20279	30932	2.12%	0.261%
70	17.368	2494	2496	2500	rVB	21032	25064	1.72%	0.212%
71	17.474	2511	2514	2517	rVB2	11473	11419	0.78%	0.096%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : C01R9RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Title : SVOA CALIBRATION

72	17.545	2520	2526	2533	rVB3	19624	40586	2.79%	0.343%
73	17.598	2533	2535	2536	rBV2	2972	2152	0.15%	0.018%
74	17.680	2546	2549	2550	rBV3	6525	7529	0.52%	0.064%
75	17.757	2558	2562	2566	rBV5	8873	13669	0.94%	0.115%
76	17.833	2570	2575	2579	rVV	66822	105044	7.21%	0.887%
77	17.880	2579	2583	2588	rVV	83874	120039	8.24%	1.013%
78	17.921	2588	2590	2592	rVV	10034	10406	0.71%	0.088%
79	17.962	2593	2597	2602	rVV	26903	38919	2.67%	0.328%
80	18.027	2602	2608	2612	rVV2	96965	177414	12.18%	1.497%
81	18.062	2612	2614	2620	rVB	43134	61085	4.19%	0.516%
82	18.145	2625	2628	2631	rBV4	7488	11776	0.81%	0.099%
83	18.233	2639	2643	2647	rBV6	14168	22252	1.53%	0.188%
84	18.280	2647	2651	2654	rBV3	26922	37149	2.55%	0.314%
85	18.339	2656	2661	2665	rVV	44628	66820	4.59%	0.564%
86	18.392	2666	2670	2674	rVV	32092	42357	2.91%	0.357%
87	18.456	2679	2681	2684	rBV4	7546	8633	0.59%	0.073%
88	18.586	2701	2703	2708	rVB5	15267	17236	1.18%	0.145%
89	18.639	2709	2712	2716	rBV	14753	20373	1.40%	0.172%
90	18.762	2729	2733	2737	rBV	43887	71102	4.88%	0.600%
91	19.027	2773	2778	2784	rBV	538739	722301	49.57%	6.096%
92	19.368	2831	2836	2838	rBV2	367821	550422	37.78%	4.645%
93	19.392	2838	2840	2849	rVB	535652	685691	47.06%	5.787%
94	19.503	2855	2859	2863	rVB	102676	122709	8.42%	1.036%
95	19.992	2940	2942	2945	rBV	41409	54523	3.74%	0.460%
96	20.456	3018	3021	3023	rBV	58051	62518	4.29%	0.528%
97	21.162	3135	3141	3145	rBV2	830312	1457105	100.00%	12.297%
98	21.203	3145	3148	3153	rVB	330577	401073	27.53%	3.385%
99	22.697	3398	3402	3407	rBV	271758	556875	38.22%	4.700%
100	23.350	3509	3513	3518	rVB2	423396	681267	46.75%	5.750%

Sum of corrected areas: 11848861

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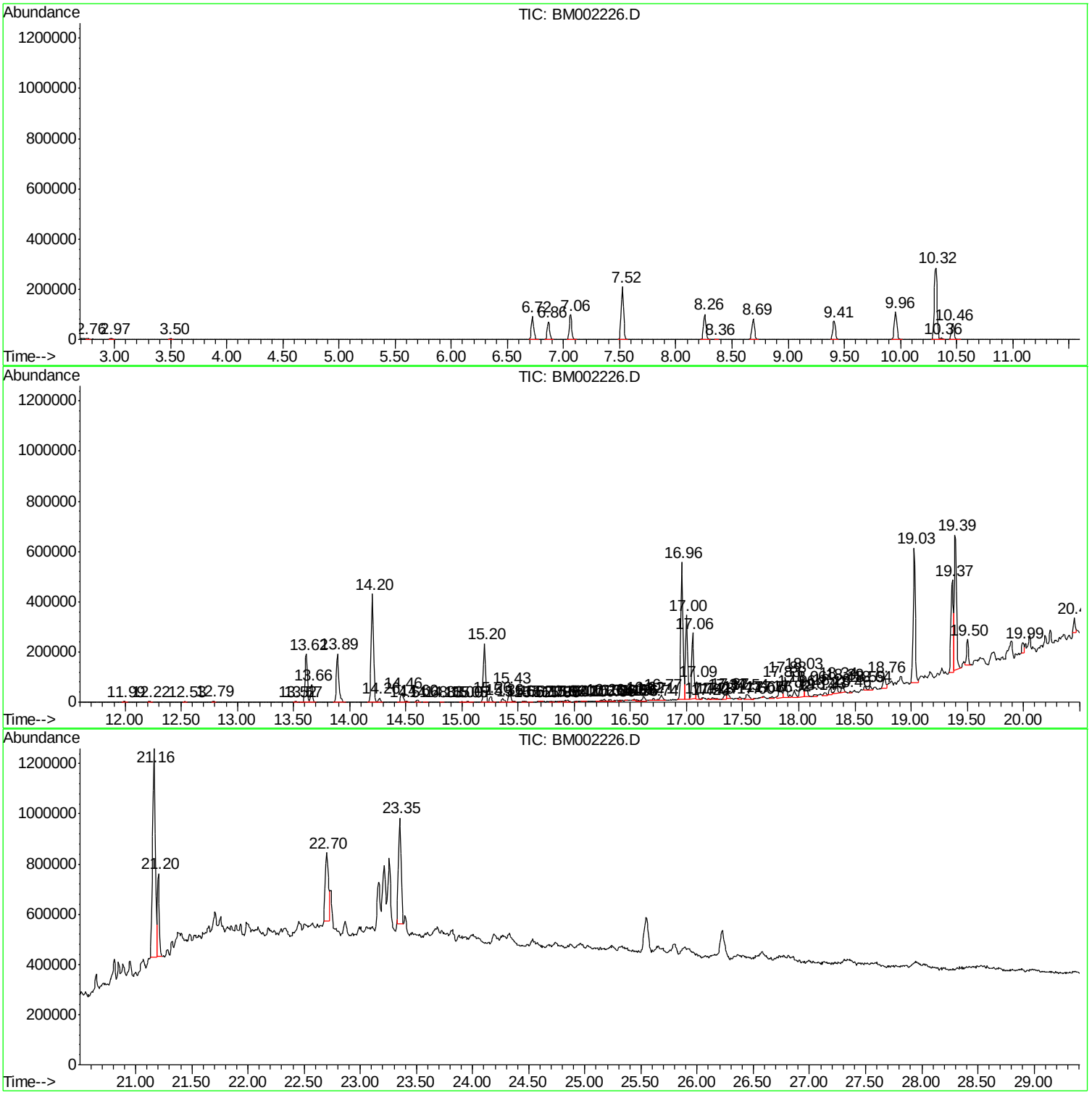
C01R9RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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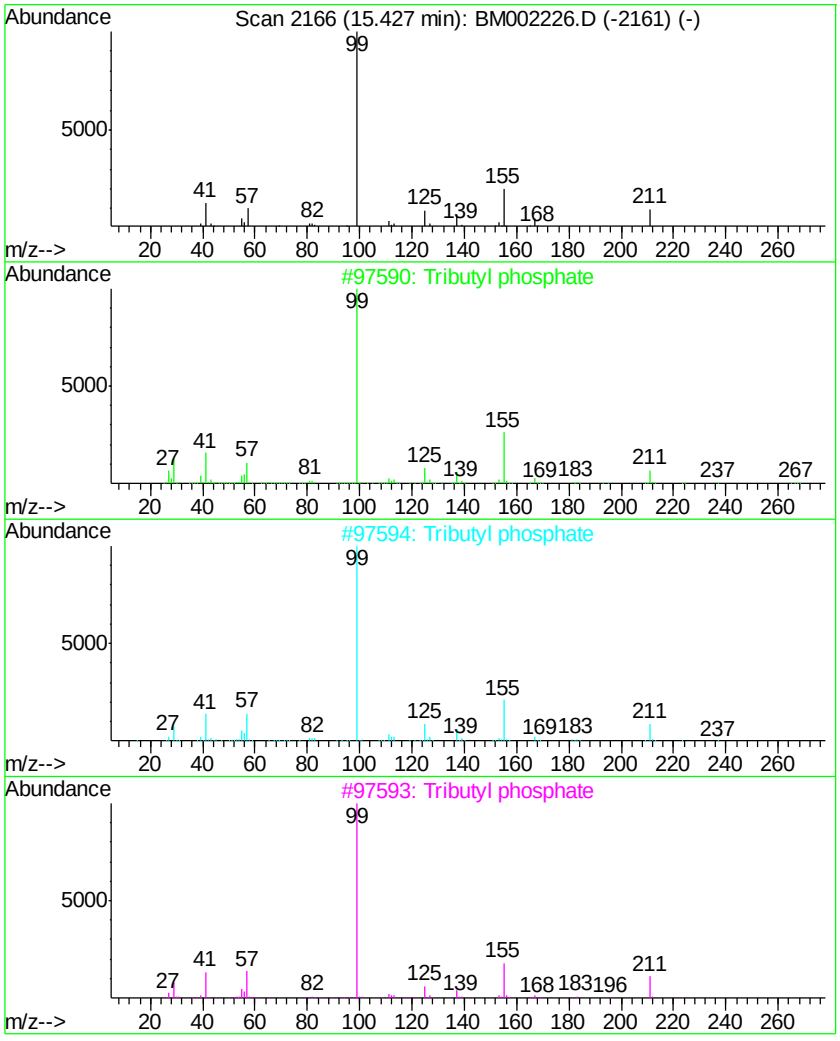
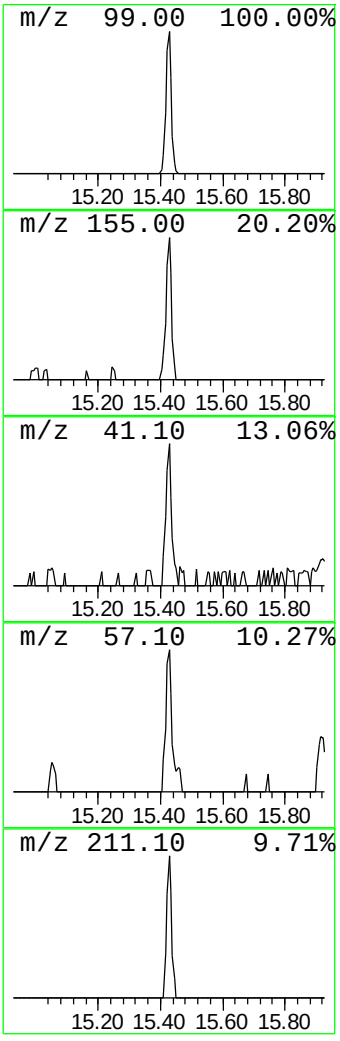
****

Peak Number 1 Tributyl phosphate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.18 ng/ul	69358	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	90
2	Tributyl phosphate	266	C12H27O4P	000126-73-8	90
3	Tributyl phosphate	266	C12H27O4P	000126-73-8	83
4	Tributyl phosphate	266	C12H27O4P	000126-73-8	83
5	Tributyl phosphate	266	C12H27O4P	000126-73-8	83





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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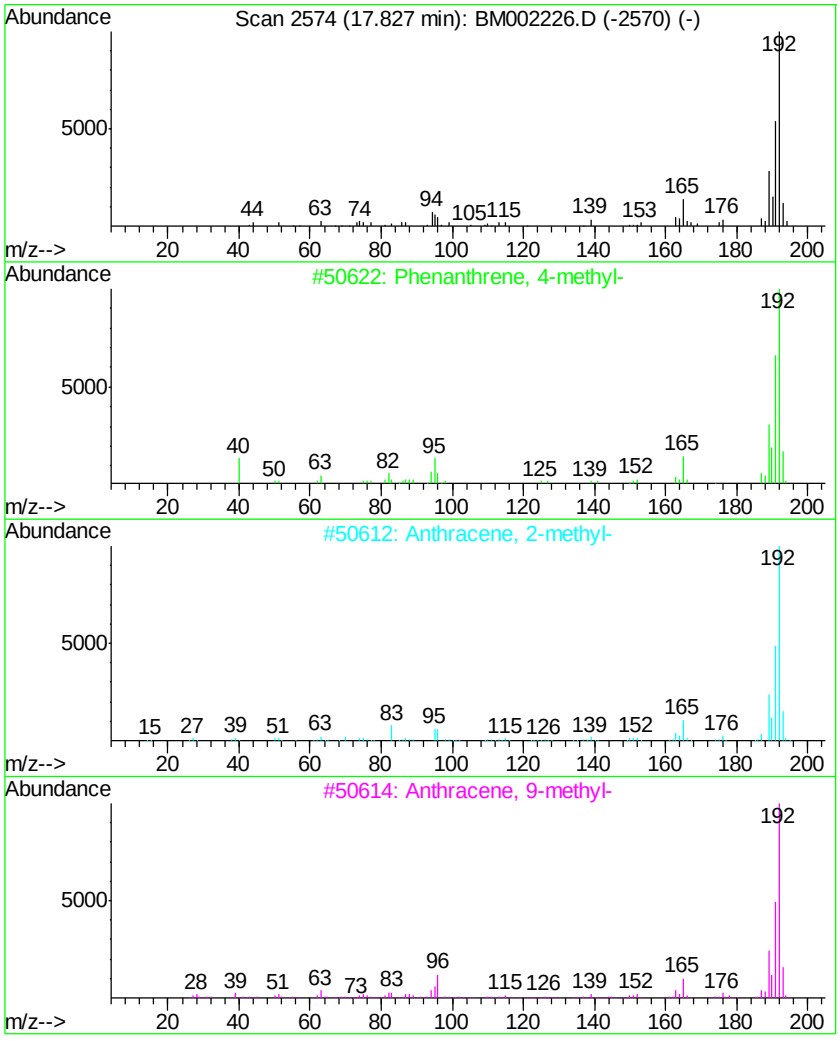
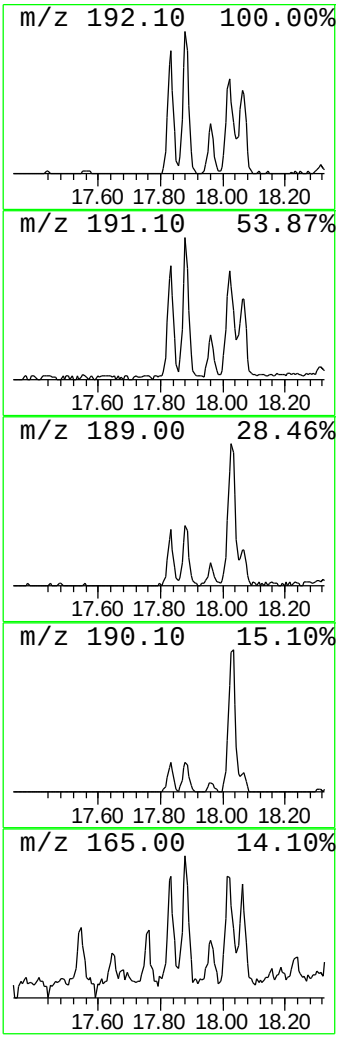
****

Peak Number 2 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.75 ng/ul	105044	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

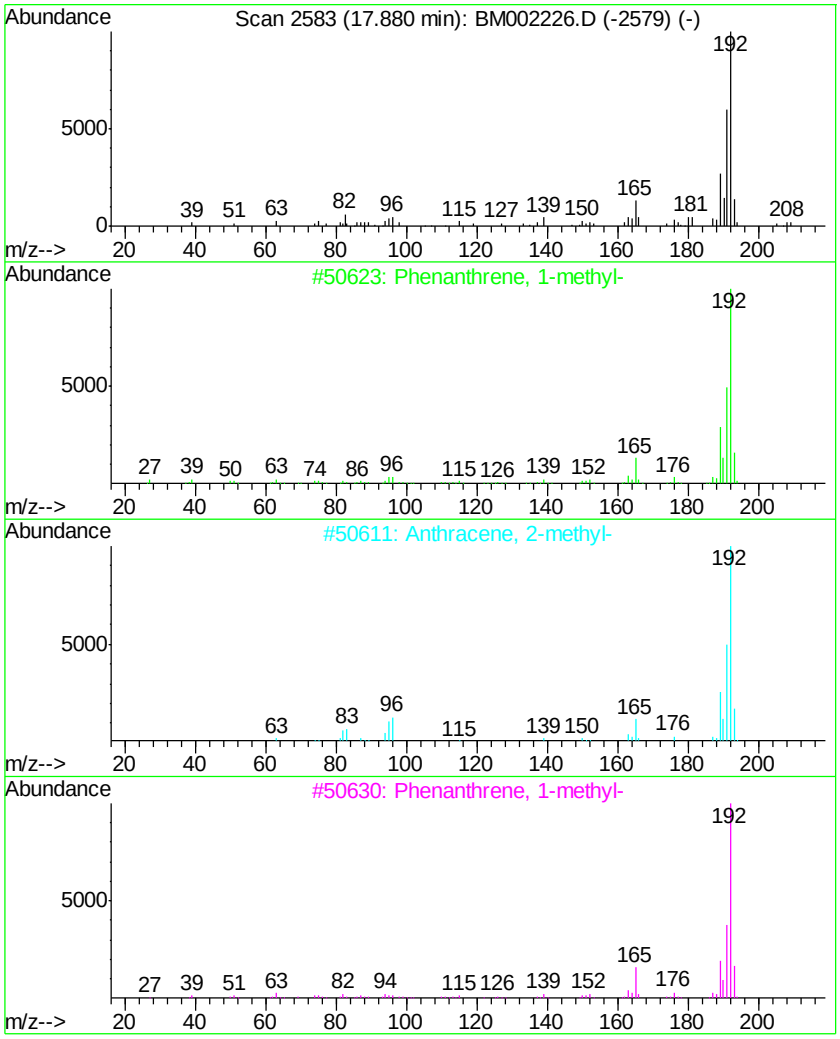
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

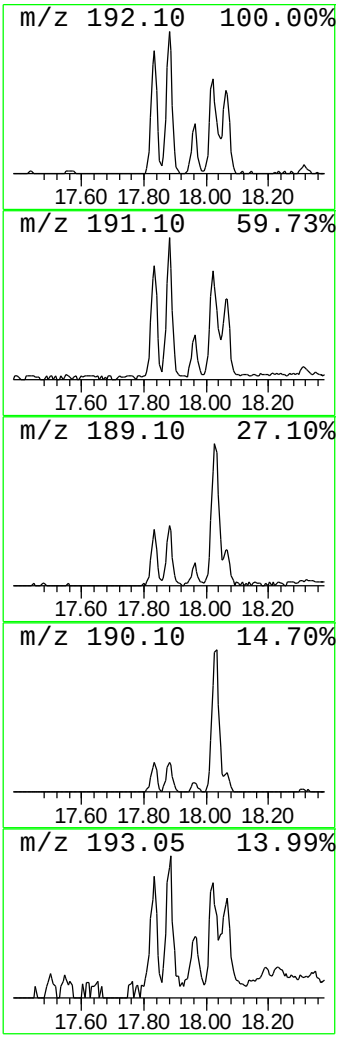
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	3.14 ng/ul	120039	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01R9RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

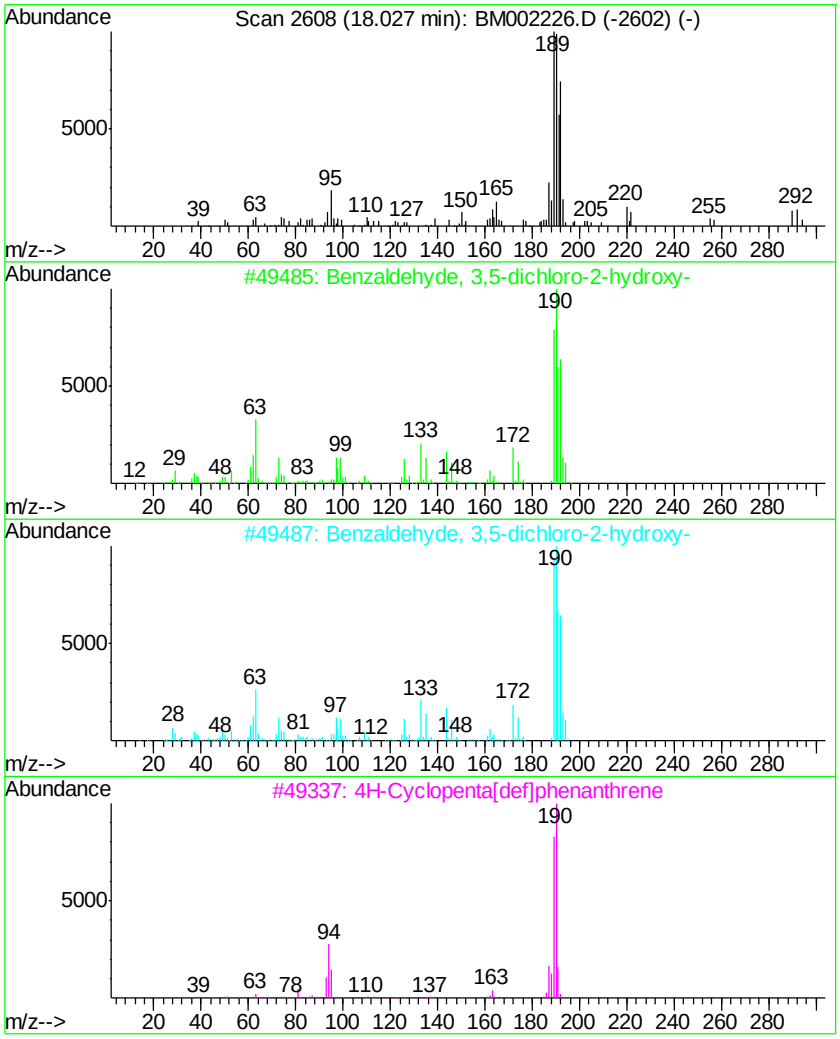
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

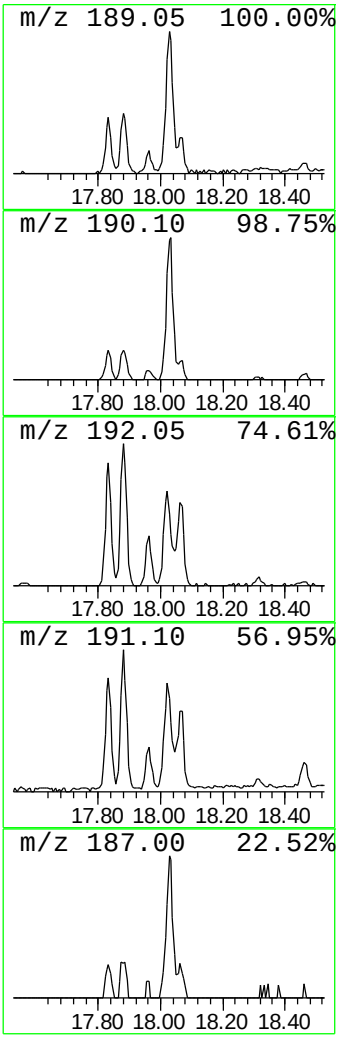
****

Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	4.64 ng/ul	177414	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_M
ClientSampleId : C01R9RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tributyl phosphate	15.43	2.2	ng/ul	69358	3	14.20	637037	20.0
Phenanthrene, 4-m...	17.83	2.8	ng/ul	105044	4	16.96	763910	20.0
Phenanthrene, 1-m...	17.88	3.1	ng/ul	120039	4	16.96	763910	20.0
Benzaldehyde, 3,5...	18.03	4.6	ng/ul	177414	4	16.96	763910	20.0