

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
 Data File : BM002202.D
 Acq On : 03 Aug 2015 17:58
 Operator : TP/UM
 Sample : G3095-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R9

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_M\METHODS\SOM02.2-EPA-BM072715.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	3.499	135	138	142	rBB	3351	4189	0.17%	0.021%
2	6.728	681	687	695	rBB	92898	144764	5.88%	0.732%
3	6.869	706	711	718	rBB	67910	99803	4.06%	0.505%
4	7.063	739	744	752	rBB	94403	147315	5.99%	0.745%
5	7.528	817	823	830	rBB	235297	362338	14.72%	1.832%
6	8.263	942	948	955	rBB	111809	173249	7.04%	0.876%
7	8.357	960	964	968	rBB	2769	3912	0.16%	0.020%
8	8.692	1015	1021	1028	rBB	90413	142482	5.79%	0.720%
9	9.416	1138	1144	1150	rBB	79984	125969	5.12%	0.637%
10	9.957	1230	1236	1244	rBB	127344	208677	8.48%	1.055%
11	10.322	1291	1298	1304	rBV	341084	576300	23.42%	2.914%
12	10.369	1304	1306	1311	rVB2	6100	7733	0.31%	0.039%
13	10.469	1317	1323	1331	rBB	81315	129437	5.26%	0.654%
14	11.998	1579	1583	1587	rBB	3254	4659	0.19%	0.024%
15	12.222	1617	1621	1626	rBB	3384	4782	0.19%	0.024%
16	12.798	1715	1719	1722	rBB	4881	6089	0.25%	0.031%
17	13.522	1838	1842	1846	rBB	4252	5237	0.21%	0.026%
18	13.622	1853	1859	1863	rVV	236248	327580	13.31%	1.656%
19	13.663	1863	1866	1872	rVB	84559	114544	4.65%	0.579%
20	13.898	1900	1906	1918	rVB	254228	379893	15.44%	1.921%
21	14.210	1952	1959	1965	rBV2	572306	857784	34.86%	4.337%
22	14.269	1965	1969	1974	rVB	19793	27208	1.11%	0.138%
23	14.457	1996	2001	2009	rBV	65309	104235	4.24%	0.527%
24	14.610	2021	2027	2030	rBV3	10683	18236	0.74%	0.092%
25	15.204	2123	2128	2134	rBV	307860	431449	17.53%	2.182%
26	15.263	2134	2138	2143	rVB	27070	38223	1.55%	0.193%
27	15.363	2151	2155	2158	rBV2	13408	19490	0.79%	0.099%
28	15.386	2158	2159	2162	rVV	6572	4488	0.18%	0.023%
29	15.433	2162	2167	2171	rVV	72440	91497	3.72%	0.463%
30	15.468	2171	2173	2177	rVB3	4166	4802	0.20%	0.024%
31	15.551	2184	2187	2192	rBV2	4133	6564	0.27%	0.033%
32	15.704	2209	2213	2220	rVB3	4690	9267	0.38%	0.047%
33	15.939	2246	2253	2259	rVB6	8545	19097	0.78%	0.097%
34	16.104	2278	2281	2286	rVB5	3794	4705	0.19%	0.024%

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35	16.245	2302	2305	2306	rBV2	4318	4366	0.18%	0.022%
36	16.268	2306	2309	2313	rVV3	8582	10291	0.42%	0.052%
37	16.315	2313	2317	2322	rVB4	8181	12656	0.51%	0.064%
38	16.415	2332	2334	2340	rVB6	6887	8337	0.34%	0.042%
39	16.468	2340	2343	2345	rBV4	4727	5807	0.24%	0.029%
40	16.504	2345	2349	2350	rVV3	3807	4859	0.20%	0.025%
41	16.539	2350	2355	2360	rVV6	6405	12439	0.51%	0.063%
42	16.621	2362	2369	2375	rBV2	24195	35064	1.42%	0.177%
43	16.715	2377	2385	2388	rBV6	11112	20289	0.82%	0.103%
44	16.780	2388	2396	2402	rVB	32963	51781	2.10%	0.262%
45	16.962	2421	2427	2431	rVV	825751	1169121	47.51%	5.912%
46	17.004	2431	2434	2439	rVV	506100	650601	26.44%	3.290%
47	17.062	2439	2444	2447	rVV2	362131	520778	21.16%	2.633%
48	17.092	2447	2449	2455	rVB	102718	127383	5.18%	0.644%
49	17.157	2455	2460	2464	rVB4	9389	16841	0.68%	0.085%
50	17.245	2470	2475	2478	rBV2	6173	11126	0.45%	0.056%
51	17.345	2489	2492	2494	rVV	28994	38643	1.57%	0.195%
52	17.374	2494	2497	2503	rVV	35309	52242	2.12%	0.264%
53	17.480	2512	2515	2518	rVB	14618	15181	0.62%	0.077%
54	17.545	2521	2526	2533	rVB3	29250	51619	2.10%	0.261%
55	17.686	2546	2550	2555	rVB3	13834	23880	0.97%	0.121%
56	17.757	2558	2562	2567	rBV4	11515	19604	0.80%	0.099%
57	17.839	2571	2576	2580	rBV	89415	140499	5.71%	0.710%
58	17.886	2580	2584	2588	rVB	117752	159825	6.49%	0.808%
59	17.927	2588	2591	2594	rBV	10678	9530	0.39%	0.048%
60	17.962	2594	2597	2603	rVB	32643	45398	1.84%	0.230%
61	18.027	2603	2608	2613	rBV2	136238	254172	10.33%	1.285%
62	18.068	2613	2615	2622	rVB	70599	85503	3.47%	0.432%
63	18.151	2626	2629	2632	rVB5	6809	8232	0.33%	0.042%
64	18.198	2633	2637	2640	rVB4	9350	12505	0.51%	0.063%
65	18.233	2640	2643	2648	rBV4	15470	22500	0.91%	0.114%
66	18.286	2648	2652	2655	rBV4	35004	50458	2.05%	0.255%
67	18.345	2655	2662	2665	rVV	67477	103295	4.20%	0.522%
68	18.392	2666	2670	2679	rVB	58227	89259	3.63%	0.451%
69	18.468	2680	2683	2685	rBV3	9454	11178	0.45%	0.057%
70	18.568	2695	2700	2701	rBV5	16743	25811	1.05%	0.131%
71	18.592	2701	2704	2708	rVV2	38028	52248	2.12%	0.264%

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72	18.645	2710	2713	2716	rVV	27643	37766	1.53%	0.191%
73	18.680	2716	2719	2723	rVB2	20522	29400	1.19%	0.149%
74	18.768	2729	2734	2738	rBV	66941	111616	4.54%	0.564%
75	18.862	2747	2750	2752	rVB2	15938	13612	0.55%	0.069%
76	18.909	2752	2758	2763	rBV3	48532	97691	3.97%	0.494%
77	19.033	2774	2779	2785	rVB	841149	1096790	44.57%	5.546%
78	19.174	2800	2803	2808	rVB3	37543	63225	2.57%	0.320%
79	19.280	2817	2821	2824	rBV	40827	45535	1.85%	0.230%
80	19.368	2831	2836	2839	rBV3	579569	914707	37.17%	4.625%
81	19.404	2839	2842	2849	rVV	867499	1114610	45.29%	5.636%
82	19.474	2851	2854	2856	rVV2	37475	55674	2.26%	0.282%
83	19.509	2856	2860	2865	rVB	158887	206590	8.40%	1.045%
84	19.739	2893	2899	2903	rBV2	58673	130675	5.31%	0.661%
85	19.898	2917	2926	2930	rVB	119564	268774	10.92%	1.359%
86	19.998	2940	2943	2945	rBV	77465	94148	3.83%	0.476%
87	20.062	2951	2954	2957	rVB2	89623	109317	4.44%	0.553%
88	20.198	2974	2977	2980	rBV	70408	85458	3.47%	0.432%
89	20.245	2982	2985	2989	rVB	76789	100101	4.07%	0.506%
90	20.462	3018	3022	3025	rBV	111852	151792	6.17%	0.768%
91	20.656	3052	3055	3059	rVB	91680	112411	4.57%	0.568%
92	20.815	3079	3082	3086	rVB2	104918	122915	4.99%	0.622%
93	20.856	3086	3089	3091	rBV2	105880	115044	4.68%	0.582%
94	21.174	3136	3143	3146	rBV2	1497748	2460803	100.00%	12.443%
95	21.209	3146	3149	3159	rVB	537974	711621	28.92%	3.598%
96	22.709	3400	3404	3409	rBV	346850	704595	28.63%	3.563%
97	23.174	3480	3483	3487	rBV	169159	208672	8.48%	1.055%
98	23.221	3487	3491	3495	rVV	266292	412438	16.76%	2.085%
99	23.268	3496	3499	3507	rVB	346143	555861	22.59%	2.811%
100	23.362	3510	3515	3520	rBV	645724	1105809	44.94%	5.591%

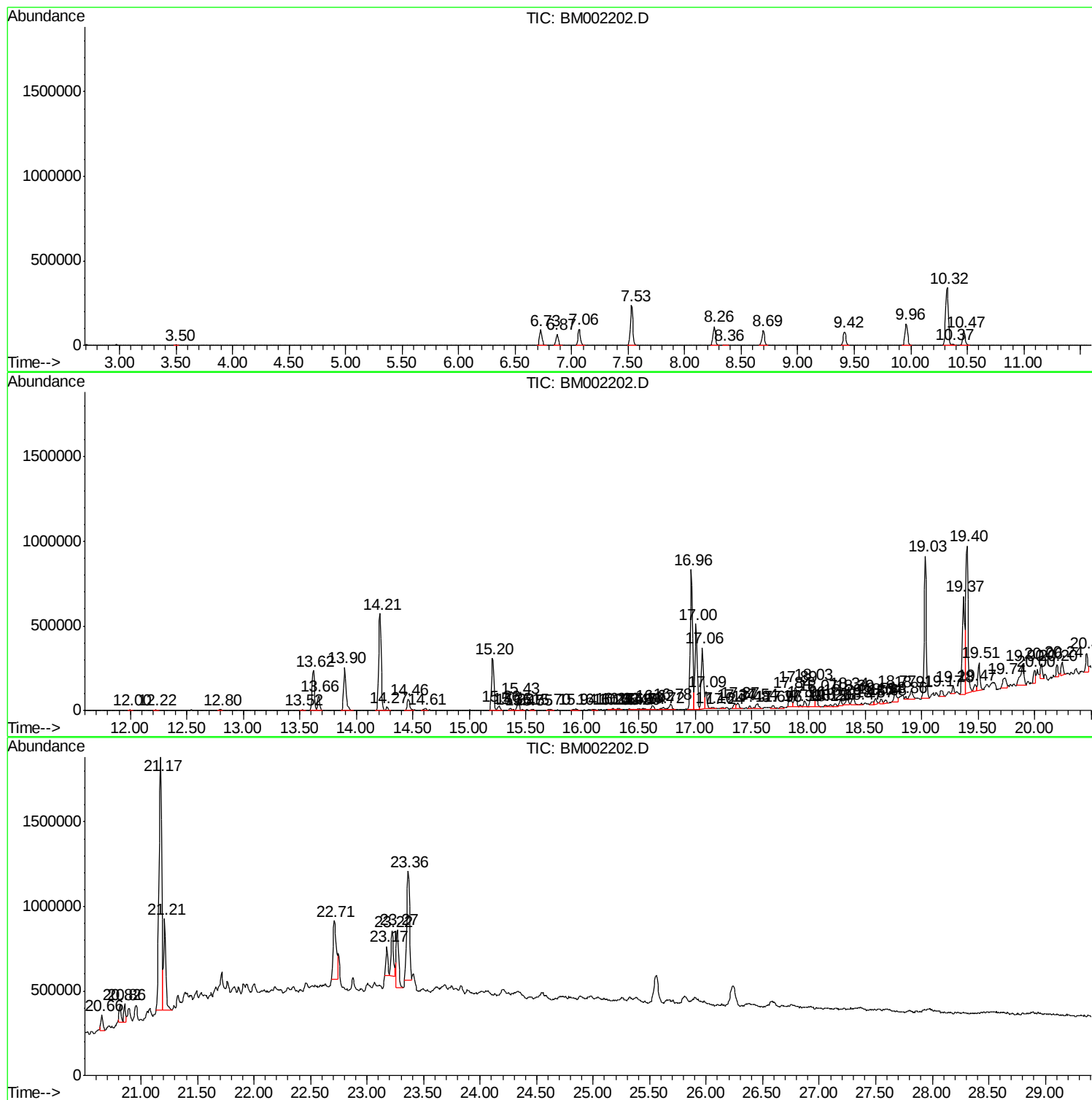
Sum of corrected areas: 19776968

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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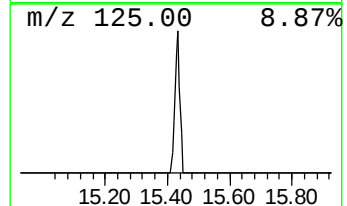
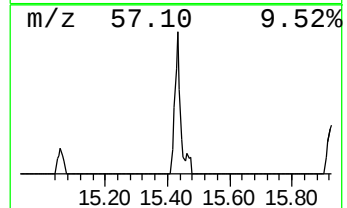
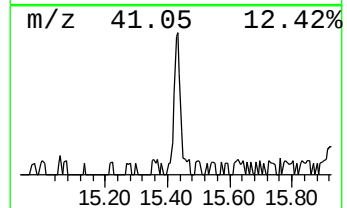
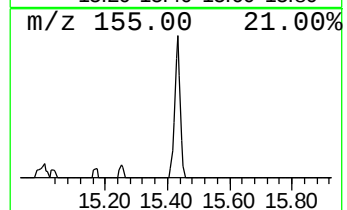
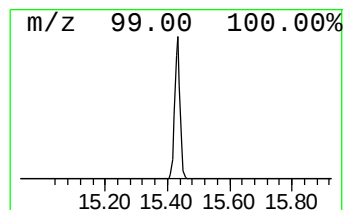
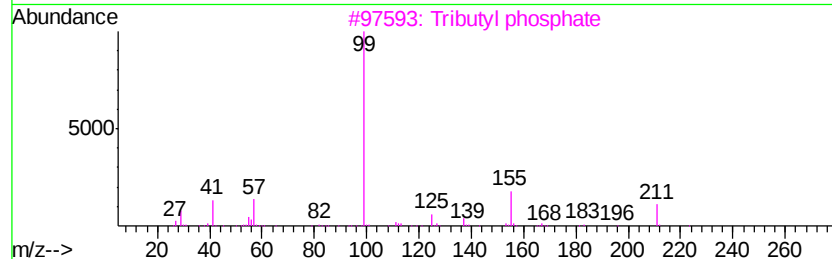
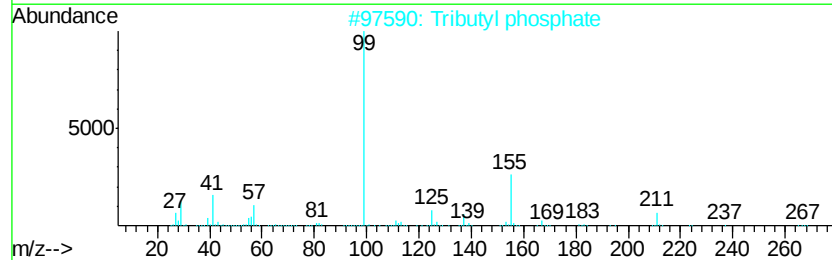
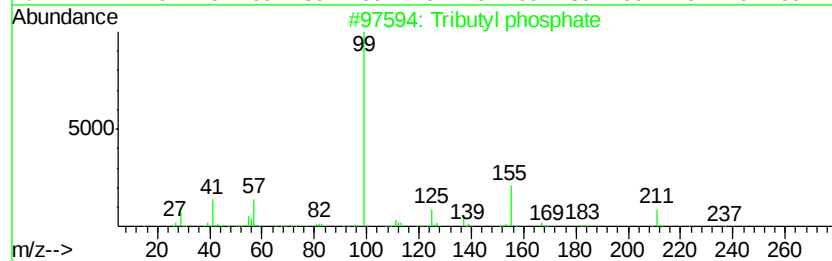
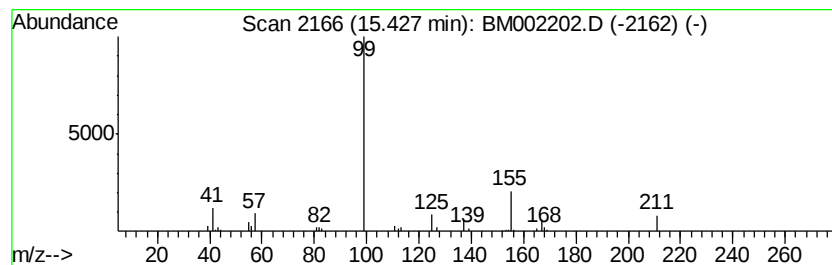
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tributyl phosphate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.13 ng/ul	91497	Acenaphthene-d10	14.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tributyl phosphate	266	C12H27O4P	000126-73-8	91
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	78
5		Tributyl phosphate	266	C12H27O4P	000126-73-8	74



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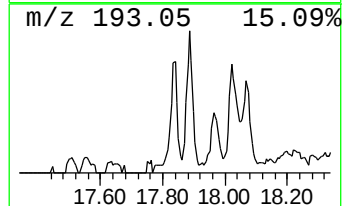
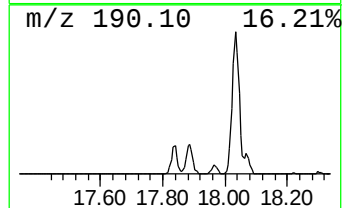
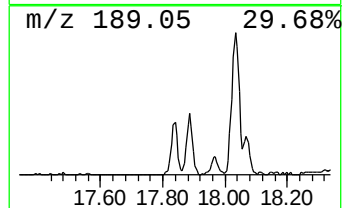
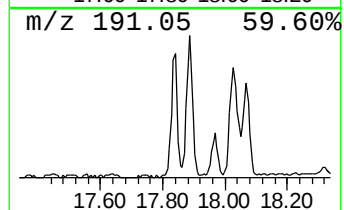
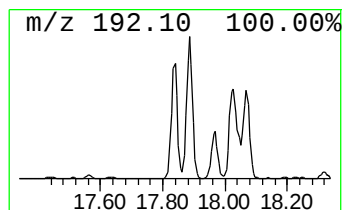
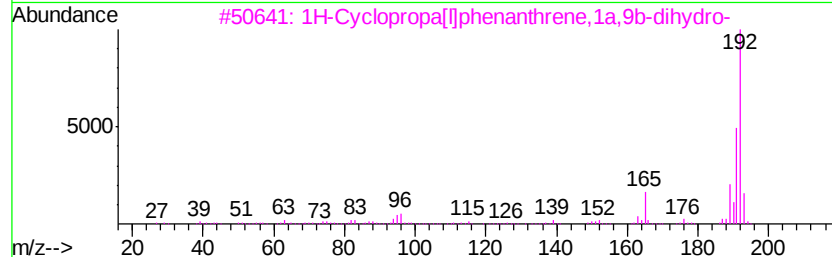
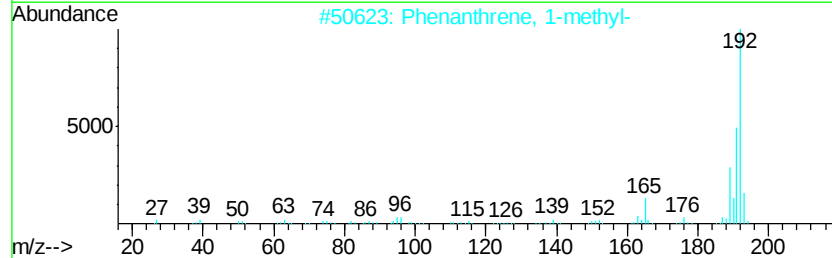
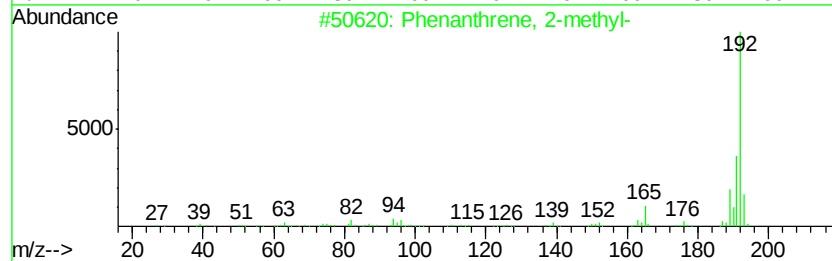
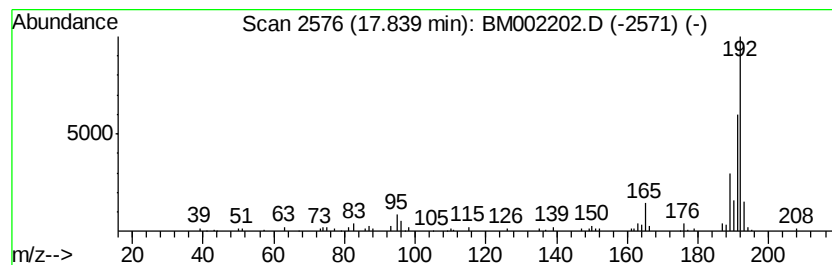
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	2.40 ng/ul	140499	Phenanthrene-d10	16.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



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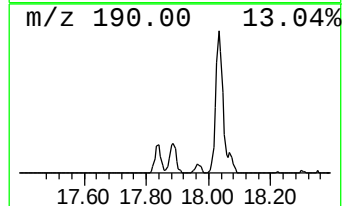
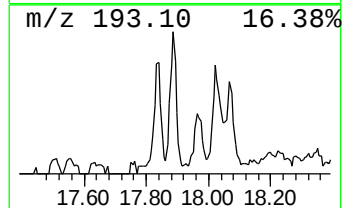
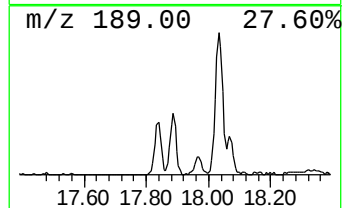
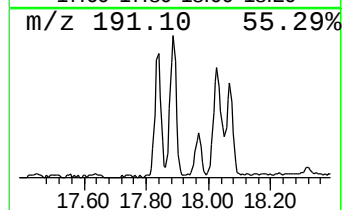
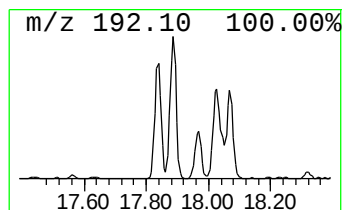
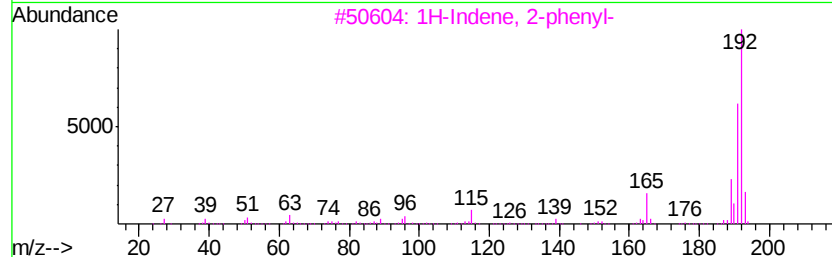
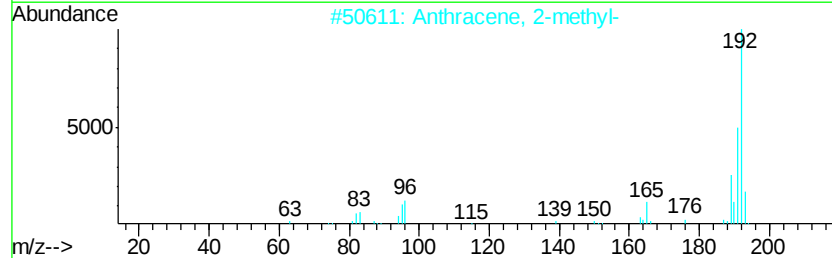
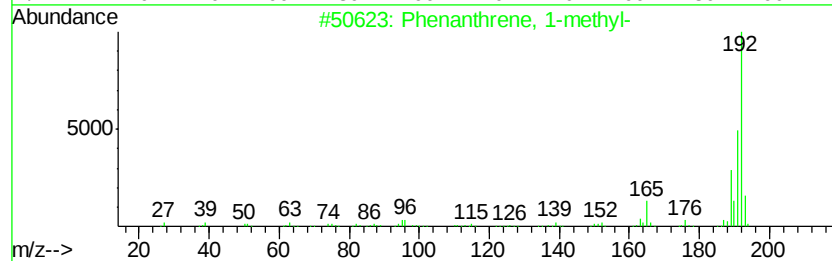
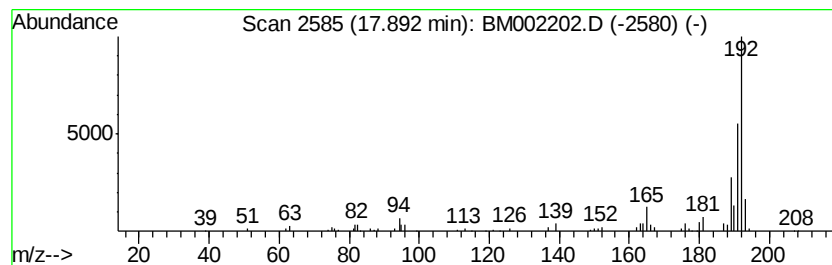
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Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.89	2.73 ng/ul	159825	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		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002202.D
Acq On : 03 Aug 2015 17:58
Operator : TP/UM
Sample : G3095-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01R9

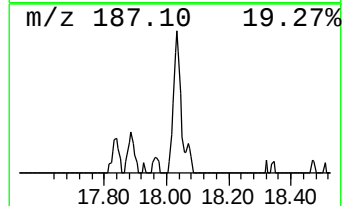
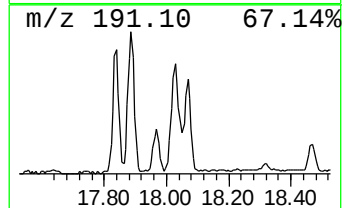
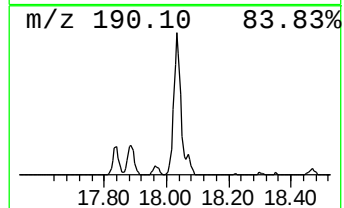
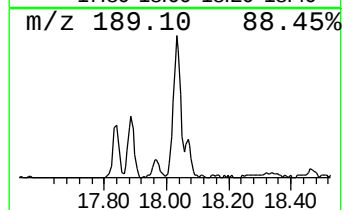
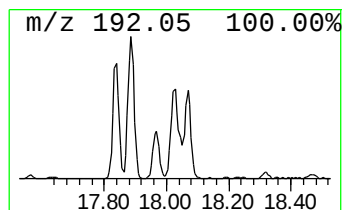
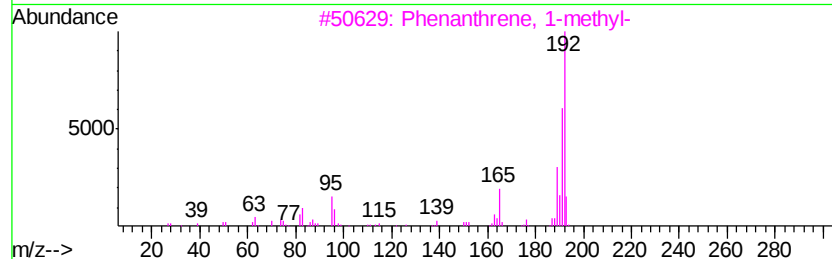
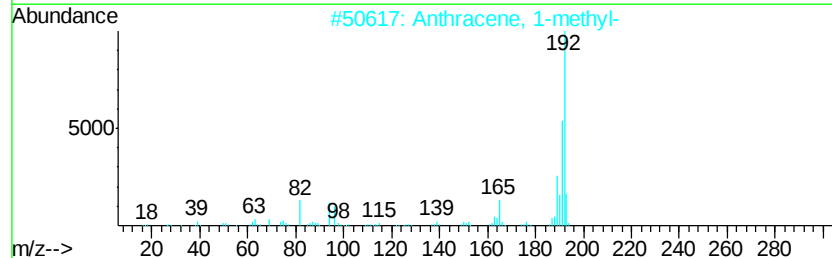
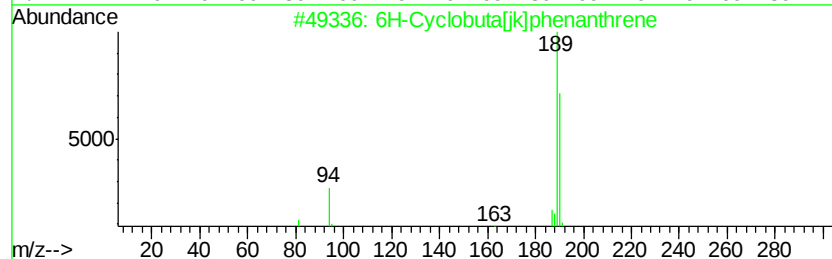
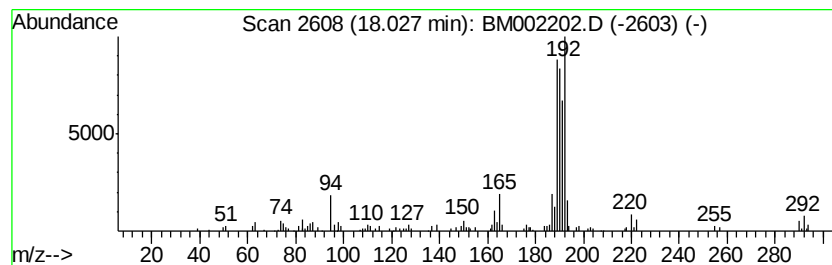
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	4.35 ng/ul	254172	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002202.D
Acq On : 03 Aug 2015 17:58
Operator : TP/UM
Sample : G3095-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01R9

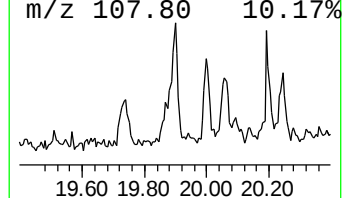
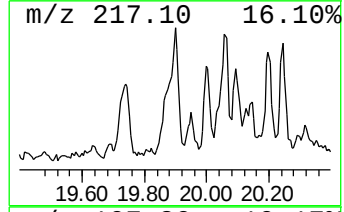
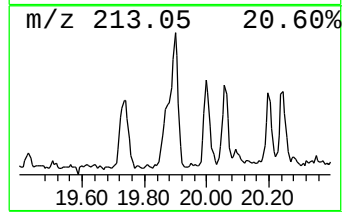
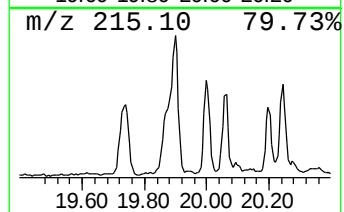
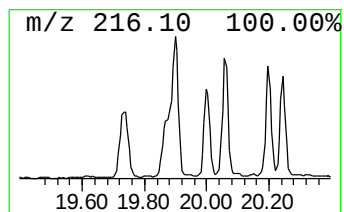
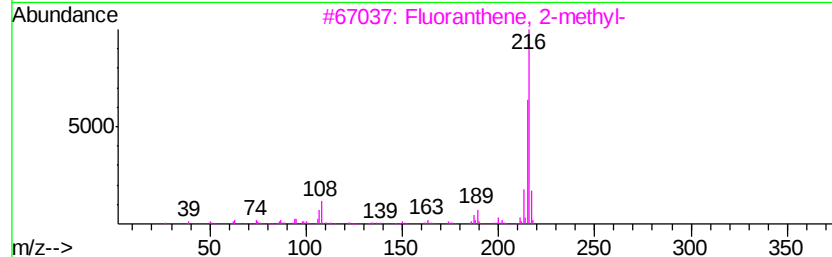
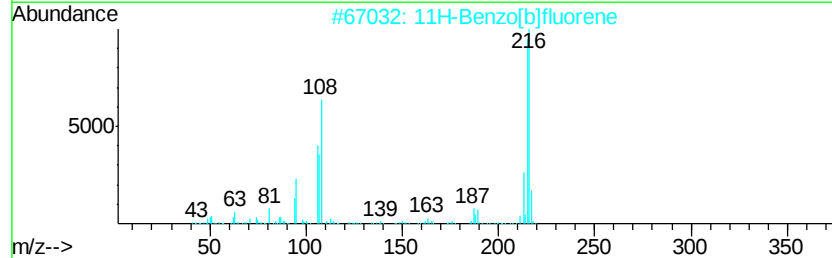
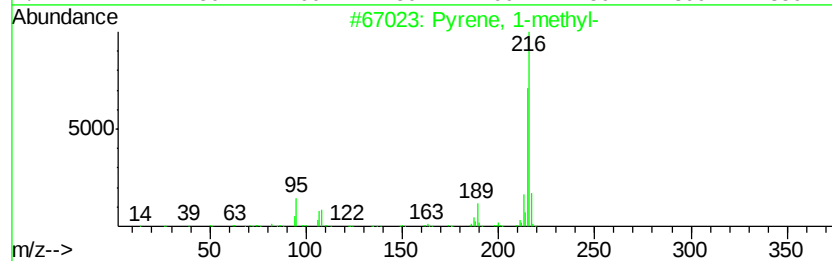
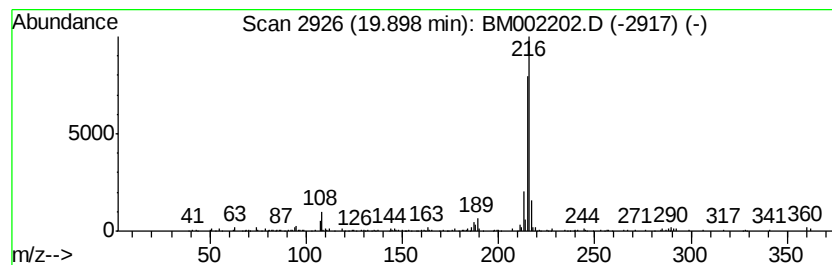
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.18 ng/ul	268774	Chrysene-d12	21.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002202.D
Acq On : 03 Aug 2015 17:58
Operator : TP/UM
Sample : G3095-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01R9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tributyl phosphate	15.43	2.1	ng/ul	91497	3	14.21	857784	20.0
Phenanthrene, 2-m...	17.84	2.4	ng/ul	140499	4	16.96	1169120	20.0
Phenanthrene, 1-m...	17.89	2.7	ng/ul	159825	4	16.96	1169120	20.0
unknown-01	18.03	4.3	ng/ul	254172	4	16.96	1169120	20.0
Pyrene, 1-methyl-	19.90	2.2	ng/ul	268774	5	21.17	2460800	20.0