

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005594.D
 Acq On : 22 May 2016 19:38
 Operator : UM/SJ
 Sample : H3087-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHKG3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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-BM052016.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	2.634	3	8	18	rVB2	19499	37953	2.00%	0.183%
2	3.804	201	207	212	rBV	16601	26397	1.39%	0.127%
3	6.981	738	747	755	rBB	125371	204773	10.79%	0.986%
4	7.145	769	775	782	rBB	91842	144162	7.60%	0.694%
5	7.345	803	809	816	rBB	123232	194006	10.22%	0.934%
6	7.810	882	888	895	rBB	158758	253048	13.33%	1.218%
7	8.516	1002	1008	1014	rBV	145659	233574	12.31%	1.125%
8	8.969	1078	1085	1091	rBB	123970	207356	10.93%	0.998%
9	9.686	1201	1207	1213	rBB	107467	174630	9.20%	0.841%
10	10.222	1292	1298	1305	rBV	172959	276205	14.55%	1.330%
11	10.598	1355	1362	1368	rBV	249606	423280	22.30%	2.038%
12	10.733	1379	1385	1397	rBV	140329	242085	12.76%	1.166%
13	13.851	1905	1915	1919	rVV	346987	485504	25.58%	2.338%
14	13.898	1919	1923	1931	rVB	215767	296505	15.62%	1.428%
15	14.133	1957	1963	1976	rBV	367136	585090	30.83%	2.817%
16	14.345	1994	1999	2004	rBB	17190	21297	1.12%	0.103%
17	14.445	2007	2016	2023	rBV2	408168	633506	33.38%	3.050%
18	14.645	2042	2050	2061	rBB	140296	210131	11.07%	1.012%
19	15.298	2156	2161	2167	rVB2	25149	36018	1.90%	0.173%
20	15.433	2178	2184	2190	rBV	514389	731856	38.56%	3.524%
21	15.492	2190	2194	2199	rVV	40398	54307	2.86%	0.261%
22	15.551	2199	2204	2212	rVB	88457	119902	6.32%	0.577%
23	16.157	2301	2307	2315	rBV2	32218	60068	3.16%	0.289%
24	16.492	2355	2364	2369	rBV5	14207	30736	1.62%	0.148%
25	16.945	2437	2441	2447	rVB2	15833	19539	1.03%	0.094%
26	17.004	2447	2451	2458	rVB2	23754	32839	1.73%	0.158%
27	17.186	2476	2482	2486	rBV	585137	875767	46.14%	4.217%
28	17.227	2486	2489	2493	rVV	438372	579330	30.52%	2.789%
29	17.280	2493	2498	2503	rVV2	563257	895009	47.16%	4.309%
30	17.315	2503	2504	2509	rVV	97694	89428	4.71%	0.431%
31	17.586	2543	2550	2554	rBV	17838	32983	1.74%	0.159%
32	17.703	2567	2570	2576	rVB2	16298	21409	1.13%	0.103%
33	18.056	2624	2630	2634	rBV	70223	96275	5.07%	0.464%
34	18.103	2634	2638	2644	rVB	80185	110806	5.84%	0.534%

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35	18.186	2647	2652	2657	rBV	30434	41351	2.18%	0.199%
36	18.251	2657	2663	2667	rBV3	104867	187915	9.90%	0.905%
37	18.292	2667	2670	2676	rVB	51363	68788	3.62%	0.331%
38	18.556	2710	2715	2719	rBV	59772	80124	4.22%	0.386%
39	18.598	2719	2722	2728	rVB2	17834	24153	1.27%	0.116%
40	18.803	2754	2757	2760	rBV3	16011	19540	1.03%	0.094%
41	18.856	2762	2766	2769	rVV2	13661	20037	1.06%	0.096%
42	18.974	2781	2786	2791	rBV2	41526	67334	3.55%	0.324%
43	19.039	2792	2797	2800	rVV3	25232	47635	2.51%	0.229%
44	19.068	2800	2802	2805	rVV2	23165	23961	1.26%	0.115%
45	19.115	2805	2810	2820	rVV8	21549	52737	2.78%	0.254%
46	19.239	2823	2831	2837	rVB	675981	904982	47.68%	4.357%
47	19.303	2837	2842	2845	rBV2	22822	32838	1.73%	0.158%
48	19.333	2845	2847	2852	rVB3	17180	21331	1.12%	0.103%
49	19.392	2852	2857	2861	rBV	35019	50696	2.67%	0.244%
50	19.574	2882	2888	2891	rBV2	902279	1440925	75.92%	6.938%
51	19.603	2891	2893	2901	rVB	715210	799444	42.12%	3.849%
52	19.674	2901	2905	2910	rBV2	29734	48330	2.55%	0.233%
53	19.780	2918	2923	2929	rBV	28106	50371	2.65%	0.243%
54	19.839	2929	2933	2939	rVB2	30047	44923	2.37%	0.216%
55	19.933	2942	2949	2955	rBV5	40586	96419	5.08%	0.464%
56	20.015	2960	2963	2967	rVV2	25441	32440	1.71%	0.156%
57	20.068	2967	2972	2973	rVV4	35708	59057	3.11%	0.284%
58	20.097	2973	2977	2982	rVB	114246	166386	8.77%	0.801%
59	20.197	2989	2994	2998	rBV2	107635	142717	7.52%	0.687%
60	20.256	2998	3004	3008	rBV2	68628	110275	5.81%	0.531%
61	20.333	3015	3017	3022	rBV5	13396	23762	1.25%	0.114%
62	20.392	3024	3027	3031	rVV	54574	84028	4.43%	0.405%
63	20.439	3032	3035	3040	rVB	64378	81985	4.32%	0.395%
64	20.803	3094	3097	3100	rBV4	20931	27365	1.44%	0.132%
65	21.009	3129	3132	3135	rVB	36842	38988	2.05%	0.188%
66	21.044	3135	3138	3140	rBV	63197	77788	4.10%	0.375%
67	21.074	3140	3143	3149	rVB3	83053	151999	8.01%	0.732%
68	21.274	3175	3177	3181	rVB2	30199	30264	1.59%	0.146%
69	21.362	3184	3192	3195	rVV2	1122291	1897948	100.00%	9.138%
70	21.397	3195	3198	3205	rVB	412895	514139	27.09%	2.476%
71	21.515	3214	3218	3223	rBV	68387	103664	5.46%	0.499%

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72	22.950	3457	3462	3468	rBV	215936	552868	29.13%	2.662%
73	23.438	3540	3545	3548	rBV	136123	241353	12.72%	1.162%
74	23.491	3548	3554	3559	rVV2	751038	1470678	77.49%	7.081%
75	23.533	3559	3561	3568	rVB	280902	458873	24.18%	2.209%
76	23.638	3571	3579	3585	rBV	767919	1551505	81.75%	7.470%
77	25.932	3964	3969	3982	rVB	140154	391317	20.62%	1.884%

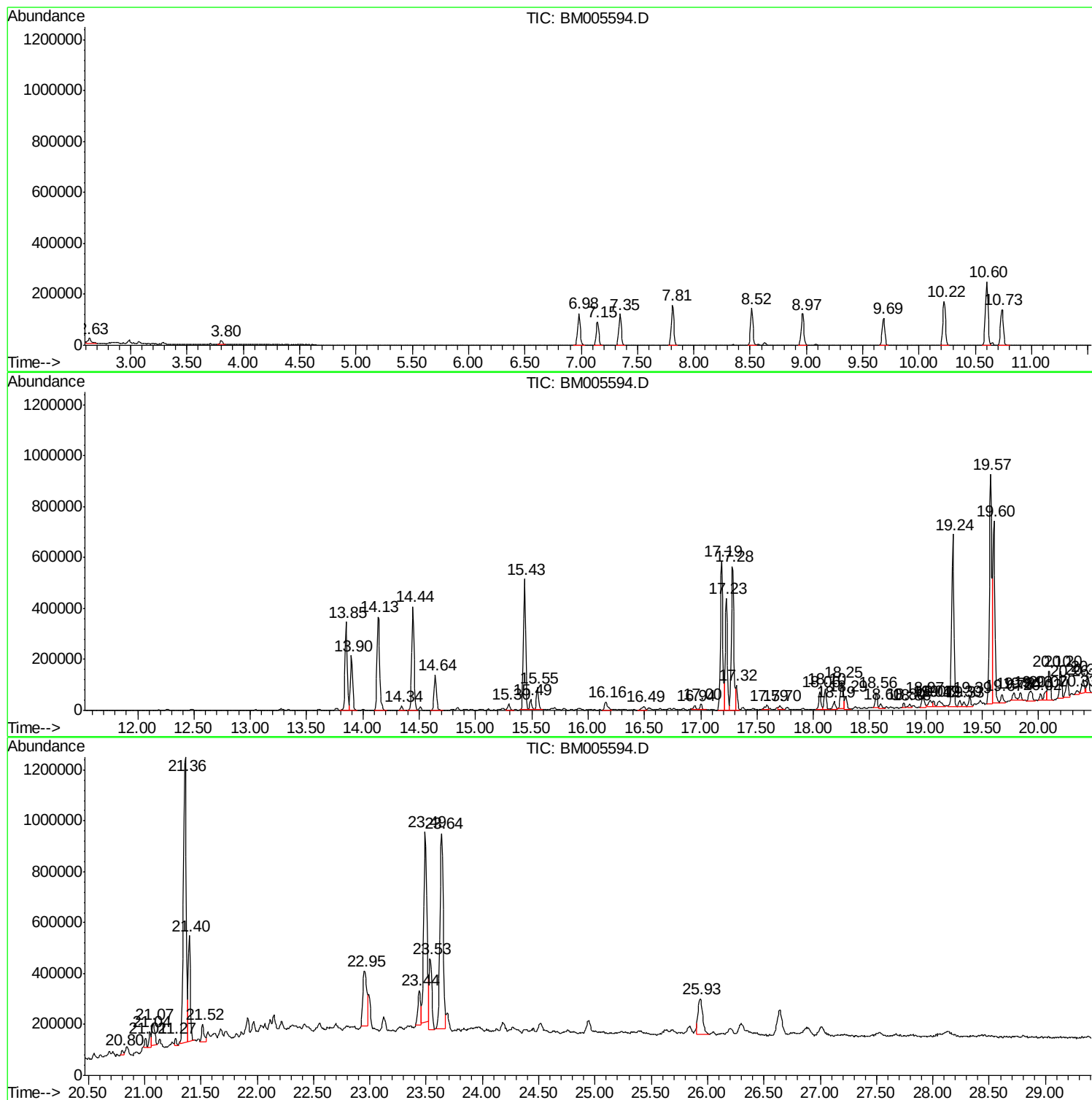
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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



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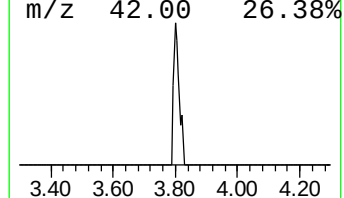
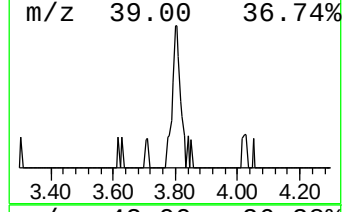
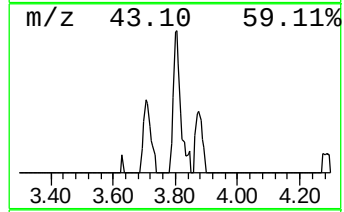
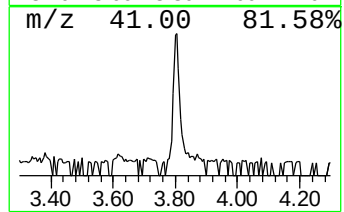
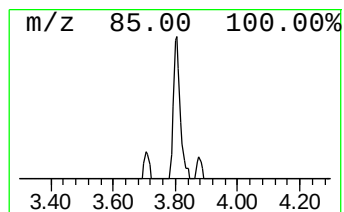
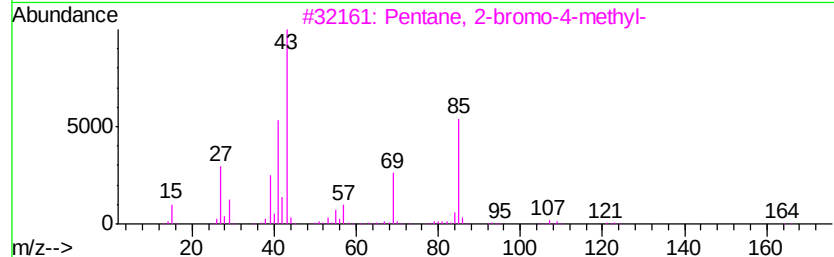
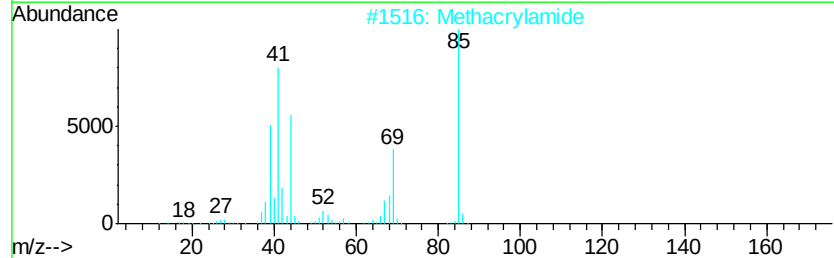
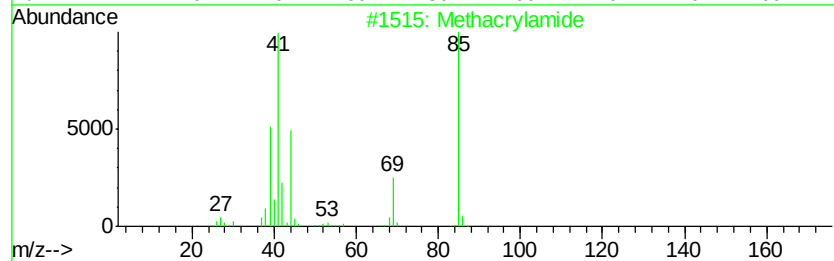
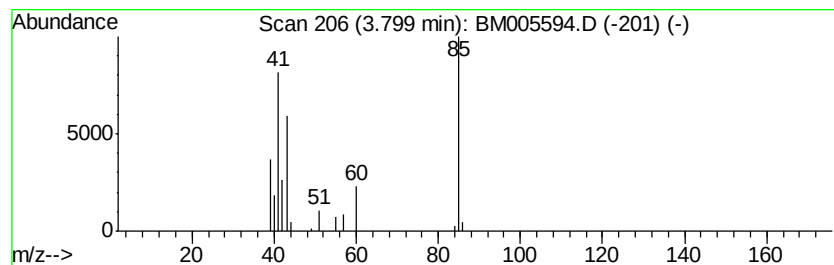
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Peak Number 2 Methacrylamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	2.09 ng/ul	26397	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methacrylamide	85	C4H7NO	000079-39-0	58
2		Methacrylamide	85	C4H7NO	000079-39-0	50
3		Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	39
4		2-Pyrrolidinone	85	C4H7NO	000616-45-5	33
5		2-Pyrrolidinone	85	C4H7NO	000616-45-5	9



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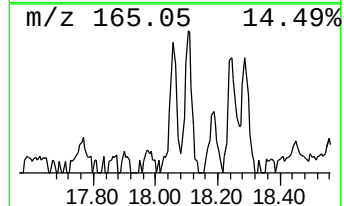
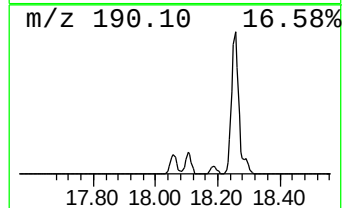
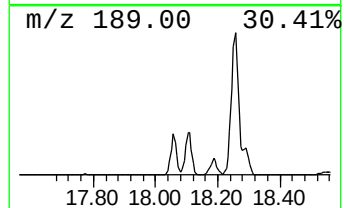
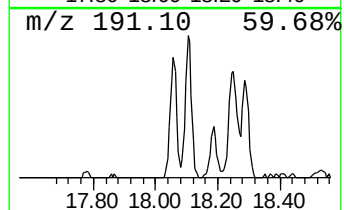
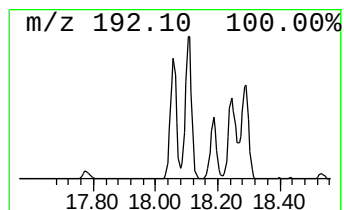
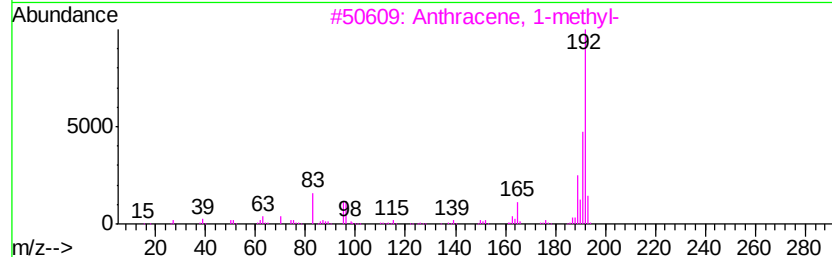
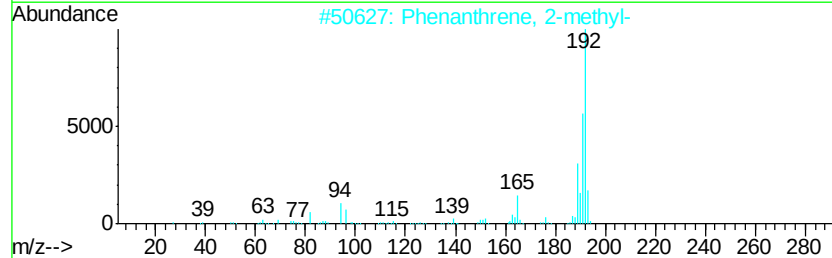
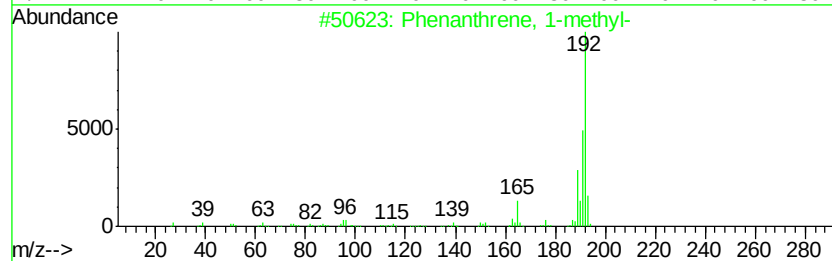
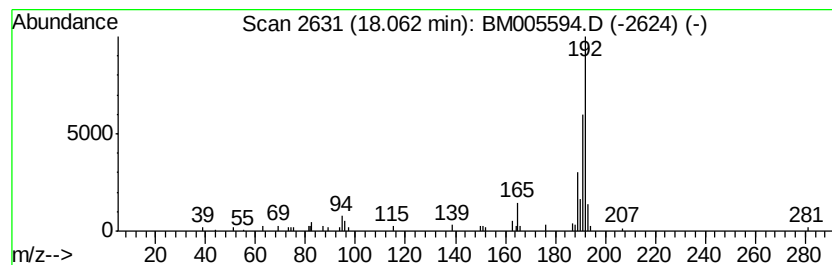
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.06	2.20 ng/ul	96275	Phenanthrene-d10	17.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



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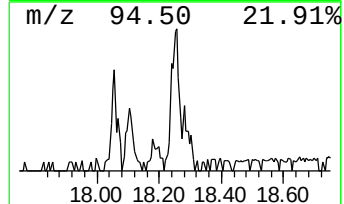
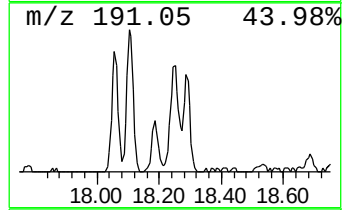
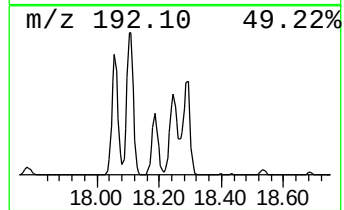
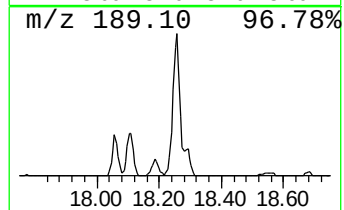
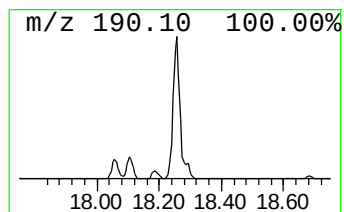
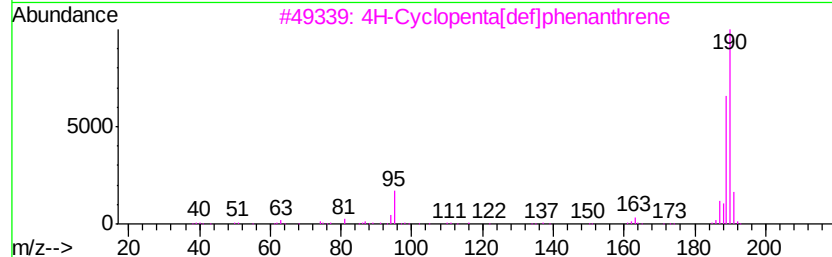
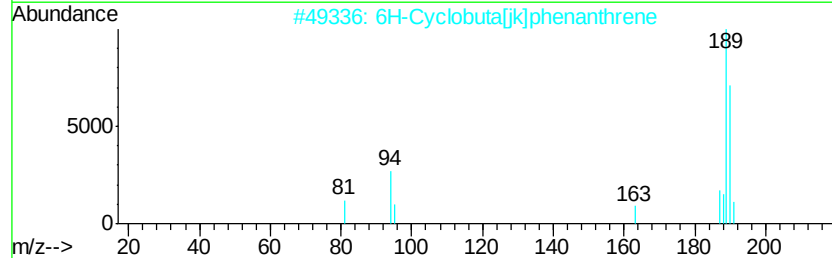
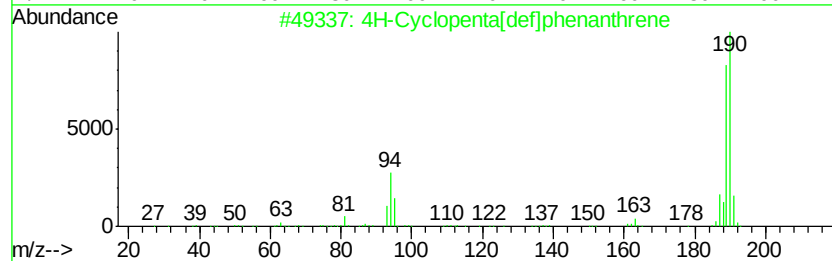
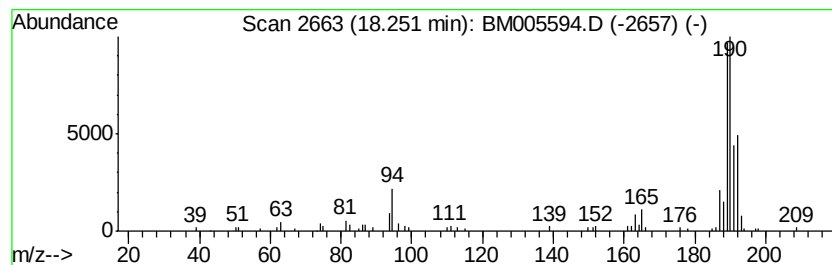
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Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	4.29 ng/ul	187915	Phenanthrene-d10	17.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
4			Methyl diselenide	190	C2H6Se2	007101-31-7	45
5			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methacrylamide	3.80	2.1	ng/ul	26397	1	7.81	253048	20.0
Phenanthrene, 1-m...	18.06	2.2	ng/ul	96275	4	17.19	875767	20.0
4H-Cyclopenta[def...	18.25	4.3	ng/ul	187915	4	17.19	875767	20.0