

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
 Data File : BM002781.D
 Acq On : 30 Sep 2015 12:39
 Operator : UM/IZ
 Sample : G3838-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5MW9

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-BM092915.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	3.363	40	47	53	rBV	88639	190077	8.92%	0.709%
2	3.452	57	62	71	rVV	209605	325889	15.29%	1.215%
3	3.769	112	116	122	rVB	20430	26854	1.26%	0.100%
4	6.075	504	508	512	rBV	9865	13242	0.62%	0.049%
5	6.593	590	596	604	rBV2	33455	59082	2.77%	0.220%
6	7.110	680	684	689	rVB	6755	9734	0.46%	0.036%
7	7.622	767	771	776	rBV	5704	8765	0.41%	0.033%
8	7.816	796	804	816	rBV	326942	566746	26.60%	2.113%
9	7.992	825	834	846	rVB	278646	459238	21.55%	1.712%
10	8.216	865	872	883	rBV	360909	618429	29.02%	2.306%
11	8.698	947	954	963	rVB	310058	519846	24.39%	1.938%
12	9.398	1064	1073	1087	rBV	424542	730637	34.29%	2.724%
13	9.539	1093	1097	1101	rBV	5838	8285	0.39%	0.031%
14	9.892	1149	1157	1166	rBV	311450	532730	25.00%	1.986%
15	10.622	1275	1281	1292	rVB	244432	428307	20.10%	1.597%
16	11.163	1366	1373	1386	rVB	400875	692266	32.49%	2.581%
17	11.557	1430	1440	1454	rBV	425545	742751	34.85%	2.769%
18	11.680	1454	1461	1474	rBV	410494	720724	33.82%	2.687%
19	13.092	1696	1701	1705	rBV	5559	8177	0.38%	0.030%
20	13.645	1791	1795	1801	rBV	5632	8640	0.41%	0.032%
21	13.880	1831	1835	1839	rBV	11371	14764	0.69%	0.055%
22	14.674	1963	1970	1974	rVV	647583	962045	45.15%	3.587%
23	14.721	1974	1978	1985	rVB	322778	449218	21.08%	1.675%
24	14.998	2018	2025	2037	rBV	852658	1308112	61.39%	4.877%
25	15.292	2068	2075	2082	rVB2	566368	891650	41.84%	3.325%
26	15.357	2082	2086	2090	rBV	6536	9020	0.42%	0.034%
27	15.457	2097	2103	2121	rBV	252366	405515	19.03%	1.512%
28	16.010	2192	2197	2200	rVV	7417	9432	0.44%	0.035%
29	16.045	2200	2203	2207	rVB2	11635	13610	0.64%	0.051%
30	16.268	2234	2241	2247	rBV	1031714	1544489	72.48%	5.759%
31	16.321	2247	2250	2256	rVB2	12403	17241	0.81%	0.064%
32	16.386	2256	2261	2267	rBV	162430	236446	11.10%	0.882%
33	16.439	2267	2270	2275	rVB3	5548	8753	0.41%	0.033%
34	16.498	2275	2280	2284	rBV2	9088	12824	0.60%	0.048%

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35	16.786	2325	2329	2335	rVV2	13384	23348	1.10%	0.087%
36	16.892	2343	2347	2354	rBV	18130	33211	1.56%	0.124%
37	17.098	2377	2382	2386	rVB	11015	15317	0.72%	0.057%
38	17.304	2411	2417	2423	rVV3	8527	17244	0.81%	0.064%
39	17.462	2439	2444	2449	rVB3	10078	16472	0.77%	0.061%
40	17.562	2457	2461	2469	rBV5	5259	14383	0.67%	0.054%
41	17.674	2473	2480	2484	rVV2	21503	31591	1.48%	0.118%
42	17.727	2484	2489	2493	rVV2	8389	16464	0.77%	0.061%
43	17.827	2502	2506	2510	rVV	8287	12067	0.57%	0.045%
44	18.004	2525	2536	2540	rBV	665323	992749	46.59%	3.702%
45	18.045	2540	2543	2547	rVV	193212	266733	12.52%	0.995%
46	18.104	2547	2553	2565	rVB2	1064415	1663859	78.08%	6.204%
47	18.309	2584	2588	2596	rVB6	4854	11048	0.52%	0.041%
48	18.404	2599	2604	2610	rVV4	21506	29113	1.37%	0.109%
49	18.498	2616	2620	2624	rBV	5694	8262	0.39%	0.031%
50	18.574	2629	2633	2637	rBV2	6117	8953	0.42%	0.033%
51	18.798	2667	2671	2674	rBV2	7654	10690	0.50%	0.040%
52	18.856	2676	2681	2684	rBV	31898	46669	2.19%	0.174%
53	18.904	2684	2689	2696	rVB2	45995	71625	3.36%	0.267%
54	18.980	2696	2702	2708	rBV	17998	28203	1.32%	0.105%
55	19.051	2708	2714	2718	rBV3	55466	113197	5.31%	0.422%
56	19.203	2736	2740	2743	rBV5	6023	8648	0.41%	0.032%
57	19.327	2756	2761	2765	rBV	33149	43447	2.04%	0.162%
58	19.386	2765	2771	2778	rVB4	13677	21238	1.00%	0.079%
59	19.568	2795	2802	2806	rBV5	8033	12649	0.59%	0.047%
60	19.615	2806	2810	2814	rBV2	10165	14559	0.68%	0.054%
61	19.733	2824	2830	2835	rBV	24697	38111	1.79%	0.142%
62	19.892	2850	2857	2863	rVB3	13375	27411	1.29%	0.102%
63	20.003	2866	2876	2881	rBV	490140	702793	32.98%	2.620%
64	20.086	2888	2890	2895	rVB3	6956	10008	0.47%	0.037%
65	20.150	2897	2901	2904	rBV2	7676	11162	0.52%	0.042%
66	20.221	2910	2913	2914	rBV	11184	9997	0.47%	0.037%
67	20.245	2914	2917	2921	rVB2	12081	15144	0.71%	0.056%
68	20.333	2925	2932	2936	rBV	1346300	2130977	100.00%	7.946%
69	20.415	2942	2946	2953	rVB2	18909	26321	1.24%	0.098%
70	20.521	2960	2964	2968	rVB	24546	31586	1.48%	0.118%
71	20.592	2974	2976	2981	rVB	11612	14289	0.67%	0.053%

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72	20.662	2983	2988	2995	rBV3	31630	67642	3.17%	0.252%
73	20.727	2995	2999	3002	rBV3	5942	10266	0.48%	0.038%
74	20.833	3008	3017	3023	rVB	82906	150610	7.07%	0.562%
75	20.927	3028	3033	3036	rBV	65766	89188	4.19%	0.333%
76	20.962	3036	3039	3040	rVV2	13370	14002	0.66%	0.052%
77	20.986	3040	3043	3047	rVB	30550	40063	1.88%	0.149%
78	21.127	3063	3067	3070	rVV	24656	32350	1.52%	0.121%
79	21.168	3071	3074	3080	rVB2	24386	37913	1.78%	0.141%
80	21.245	3084	3087	3090	rBV3	11529	13992	0.66%	0.052%
81	21.397	3110	3113	3115	rBV3	9533	11982	0.56%	0.045%
82	21.515	3130	3133	3135	rBV3	9218	13180	0.62%	0.049%
83	21.562	3137	3141	3145	rVB	35142	49405	2.32%	0.184%
84	21.703	3160	3165	3166	rBV2	80134	107754	5.06%	0.402%
85	21.727	3166	3169	3179	rVB3	269918	447114	20.98%	1.667%
86	21.809	3179	3183	3187	rBV2	42561	65336	3.07%	0.244%
87	21.915	3197	3201	3204	rBV	35664	45148	2.12%	0.168%
88	22.086	3222	3230	3235	rBV2	883796	1677068	78.70%	6.253%
89	22.127	3235	3237	3247	rVB	233221	332126	15.59%	1.238%
90	22.439	3285	3290	3295	rBV	35149	54040	2.54%	0.201%
91	22.627	3319	3322	3326	rBV4	21852	30683	1.44%	0.114%
92	22.927	3370	3373	3377	rBV3	21832	31660	1.49%	0.118%
93	23.733	3507	3510	3515	rVB2	24550	36117	1.69%	0.135%
94	23.880	3529	3535	3541	rBV	170020	437908	20.55%	1.633%
95	24.450	3627	3632	3635	rBV2	90953	159738	7.50%	0.596%
96	24.515	3635	3643	3648	rVV	909662	1949909	91.50%	7.270%
97	24.562	3649	3651	3660	rVB	154048	244488	11.47%	0.912%
98	24.680	3663	3671	3678	rBV	564166	1220576	57.28%	4.551%
99	27.391	4126	4132	4145	rVB3	70077	221707	10.40%	0.827%
100	28.244	4270	4277	4289	rBV2	39532	124429	5.84%	0.464%

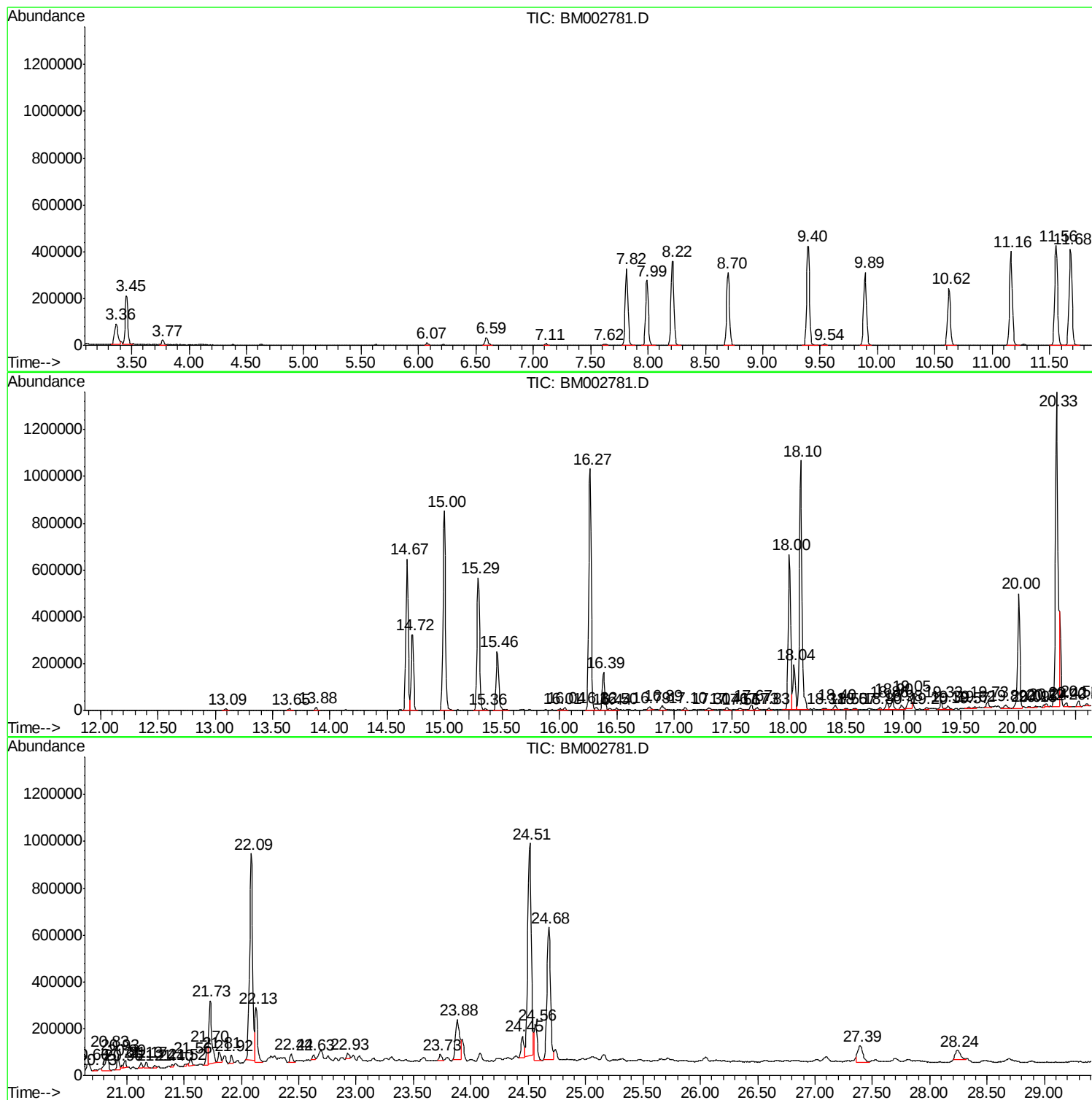
Sum of corrected areas: 26819470

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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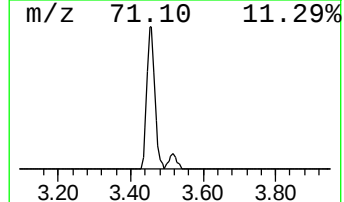
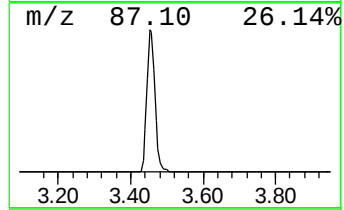
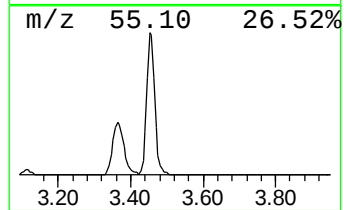
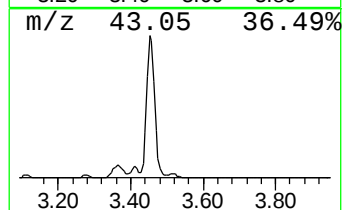
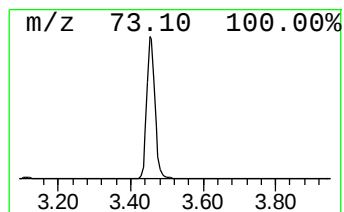
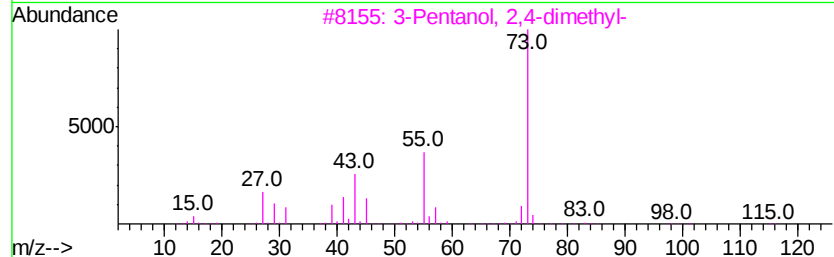
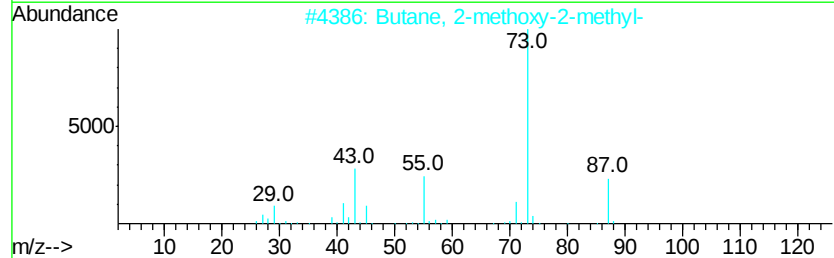
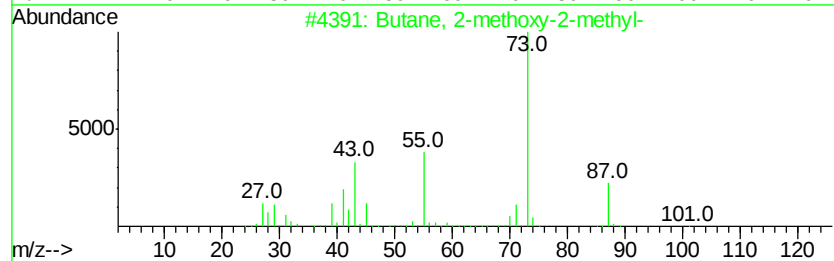
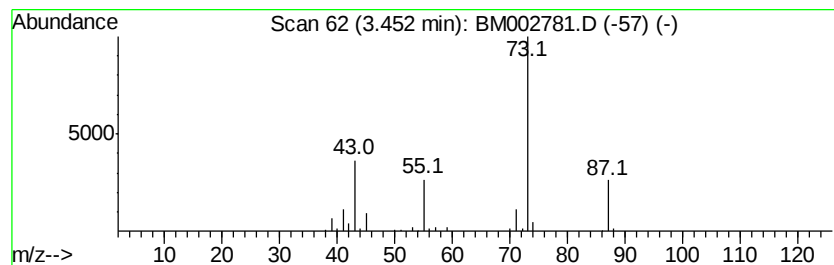
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	12.54 ng/ul	325889	1,4-Dichlorobenzene-d4	8.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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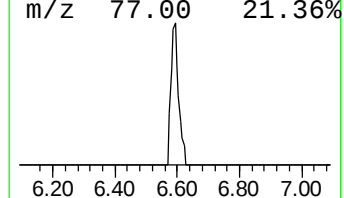
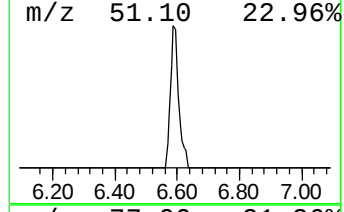
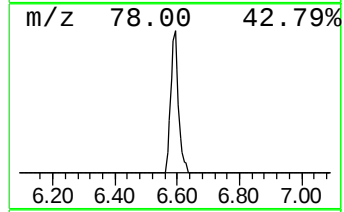
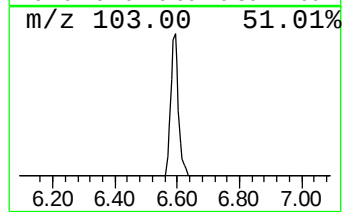
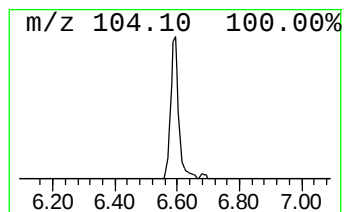
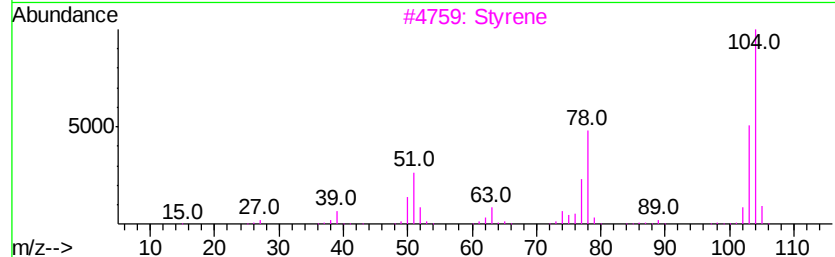
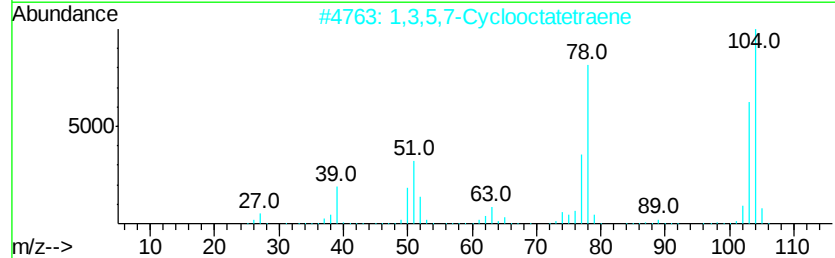
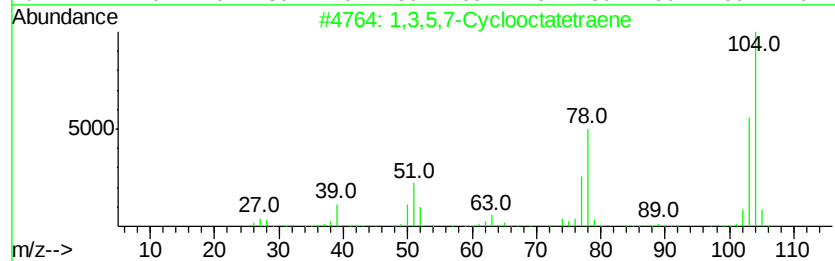
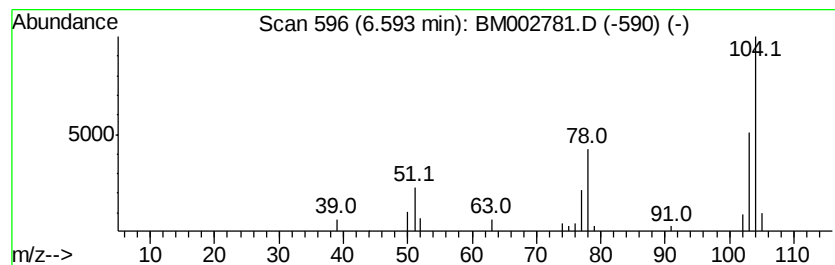
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,3,5,7-Cyclooctatetraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	2.27 ng/ul	59082	1,4-Dichlorobenzene-d4	8.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
2			1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	91
3			Styrene	104	C8H8	000100-42-5	91
4			Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	91
5			Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	91



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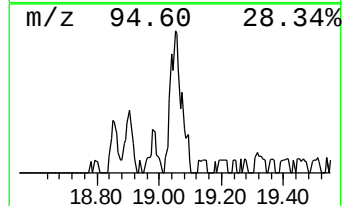
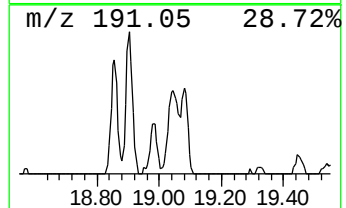
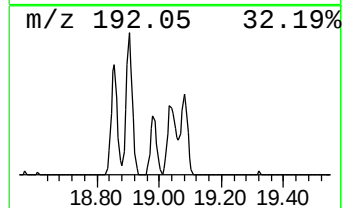
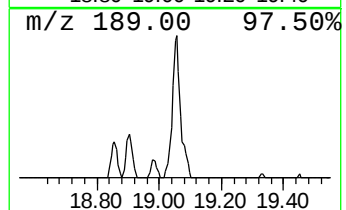
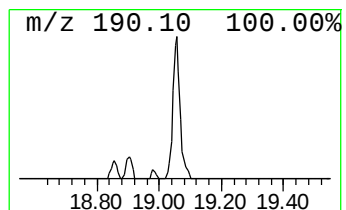
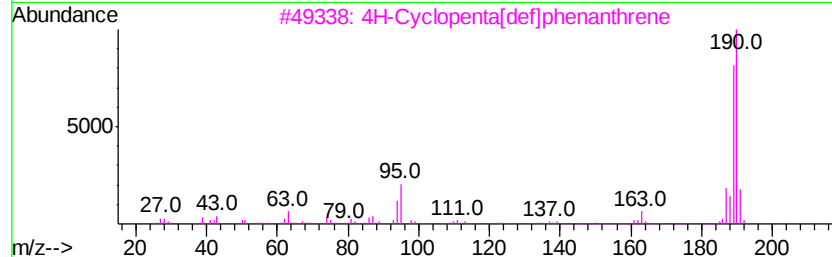
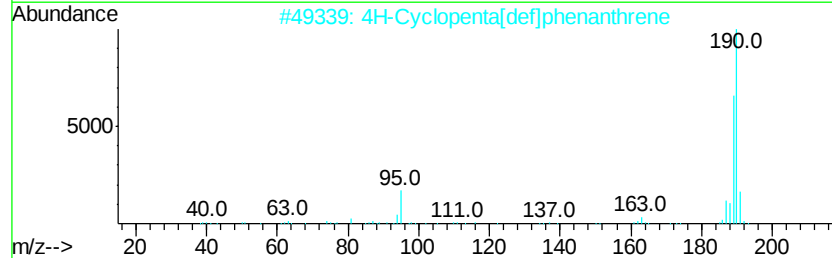
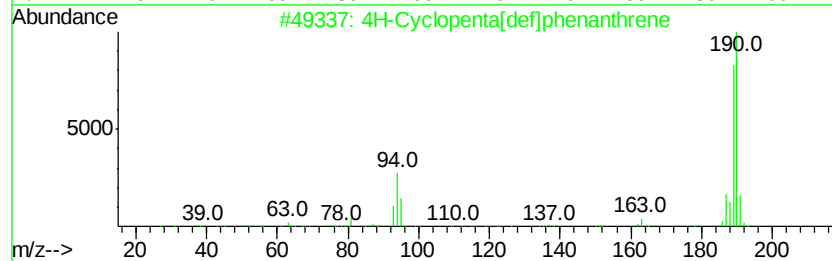
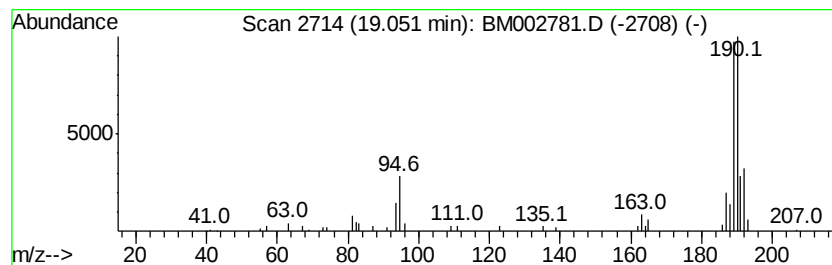
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Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	2.28 ng/ul	113197	Phenanthrene-d10	18.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	27
5		3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	10



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002781.D
Acq On : 30 Sep 2015 12:39
Operator : UM/IZ
Sample : G3838-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5MW9

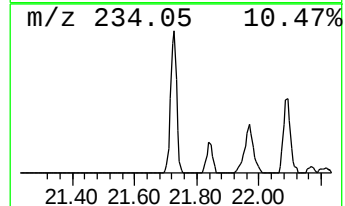
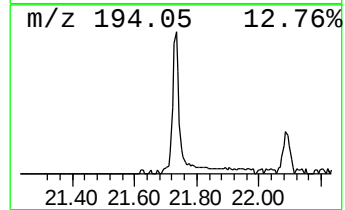
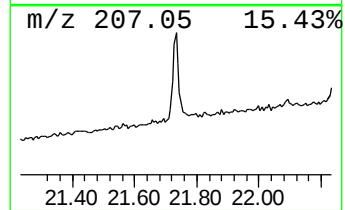
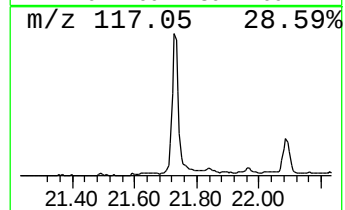
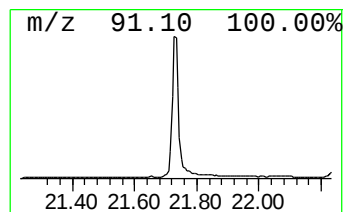
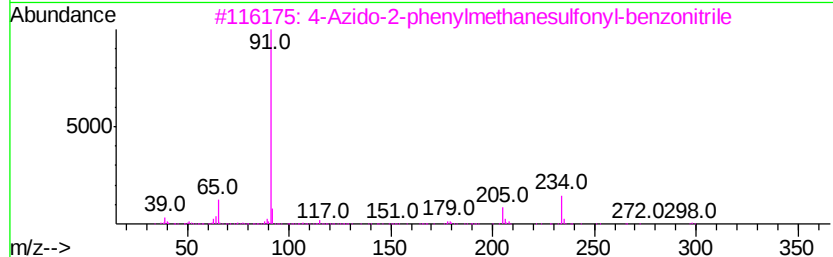
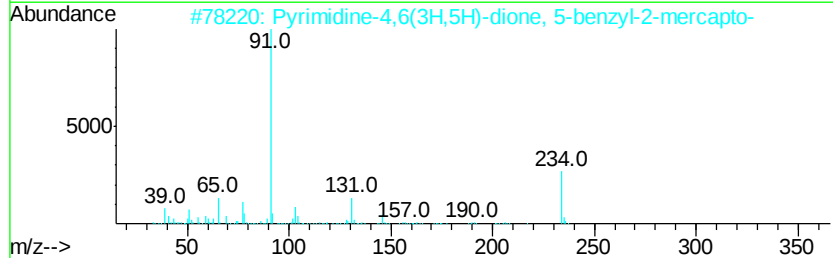
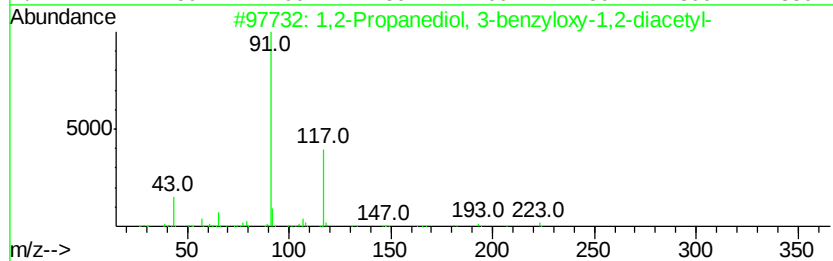
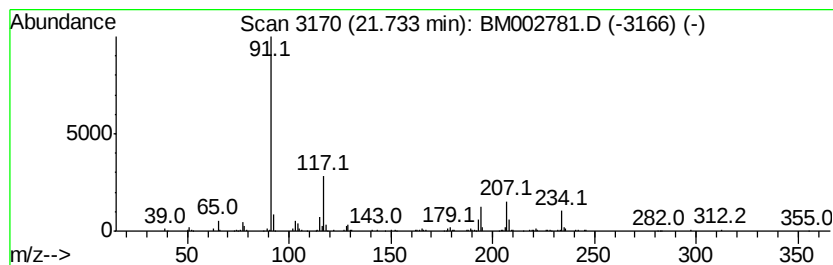
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	5.33 ng/ul	447114	Chrysene-d12	22.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Propanediol, 3-benzvloxy-1,2...	266	C14H18O5	013754-10-4	25
2		Pyrimidine-4,6(3H,5H)-dione, 5-b...	234	C11H10N2O2S	015018-53-8	16
3		4-Azido-2-phenylmethanesulfonyl-...	298	C14H10N4O2S	1000295-08-1	12
4		Benzenemethanamine, N-hydroxy-N-...	213	C14H15NO	000621-07-8	12
5		Naphthalene, 1-(phenylmethoxy)-	234	C17H14O	000607-58-9	11



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
Data File : BM002781.D
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Sample : G3838-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5MW9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.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
Butane, 2-methoxy...	3.45	12.5	ng/ul	325889	1	8.70	519846	20.0
1,3,5,7-Cycloocta...	6.59	2.3	ng/ul	59082	1	8.70	519846	20.0
4H-Cyclopenta[def...	19.05	2.3	ng/ul	113197	4	18.00	992749	20.0
unknown-01	21.73	5.3	ng/ul	447114	5	22.09	1677070	20.0