

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100215\
 Data File : BM002837.D
 Acq On : 02 Oct 2015 19:30
 Operator : UM/IZ
 Sample : G3852-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C03H4

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	3.352	39	45	55	rBV	157121	332365	23.31%	2.171%
2	3.446	55	61	74	rVB	434042	657339	46.11%	4.294%
3	3.763	111	115	121	rVB	2637	3973	0.28%	0.026%
4	5.863	466	472	477	rBV	5581	9637	0.68%	0.063%
5	7.810	797	803	817	rBV2	54290	106173	7.45%	0.694%
6	7.975	824	831	845	rVB	194777	320531	22.48%	2.094%
7	8.204	863	870	880	rBV	211803	364520	25.57%	2.381%
8	8.687	945	952	963	rBV	200393	350229	24.57%	2.288%
9	9.063	1013	1016	1020	rVB	1292	1557	0.11%	0.010%
10	9.387	1064	1071	1083	rBV	159539	281460	19.74%	1.839%
11	9.775	1131	1137	1138	rBV	2890	4996	0.35%	0.033%
12	9.792	1138	1140	1144	rVB2	4092	4848	0.34%	0.032%
13	9.881	1148	1155	1168	rBV	223150	386091	27.08%	2.522%
14	9.981	1168	1172	1175	rVV	1426	1755	0.12%	0.011%
15	10.175	1200	1205	1207	rVB2	1640	1962	0.14%	0.013%
16	10.322	1227	1230	1234	rBV	2284	3117	0.22%	0.020%
17	10.539	1263	1267	1273	rVB2	1876	3012	0.21%	0.020%
18	10.610	1273	1279	1287	rBV	179426	313731	22.01%	2.049%
19	10.916	1326	1331	1335	rVB2	2368	3144	0.22%	0.021%
20	11.157	1365	1372	1387	rBV	259359	479391	33.63%	3.132%
21	11.316	1396	1399	1402	rBV2	1621	1501	0.11%	0.010%
22	11.375	1407	1409	1413	rVB2	1964	2465	0.17%	0.016%
23	11.539	1430	1437	1446	rBV	291484	519046	36.41%	3.391%
24	11.675	1456	1460	1472	rVB	10397	19497	1.37%	0.127%
25	12.104	1528	1533	1537	rVB	1746	1929	0.14%	0.013%
26	12.439	1586	1590	1593	rVB3	1504	1640	0.12%	0.011%
27	12.528	1602	1605	1611	rVB3	2510	4883	0.34%	0.032%
28	12.639	1620	1624	1629	rBV2	2209	3589	0.25%	0.023%
29	12.698	1629	1634	1635	rVV2	1356	1755	0.12%	0.011%
30	12.763	1638	1645	1650	rVV	10980	18790	1.32%	0.123%
31	12.810	1650	1653	1662	rVV2	4344	9316	0.65%	0.061%
32	12.951	1672	1677	1681	rBV2	5698	8369	0.59%	0.055%
33	12.998	1681	1685	1689	rVV4	6131	9252	0.65%	0.060%
34	13.051	1692	1694	1695	rVV2	2030	1905	0.13%	0.012%

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35	13.092	1695	1701	1704	rVV3	4584	9399	0.66%	0.061%
36	13.133	1704	1708	1715	rVV3	3207	6879	0.48%	0.045%
37	13.210	1715	1721	1727	rVV4	3235	6573	0.46%	0.043%
38	13.363	1743	1747	1754	rBV3	3699	6951	0.49%	0.045%
39	13.533	1771	1776	1779	rVV5	2310	3940	0.28%	0.026%
40	13.575	1779	1783	1787	rVB4	1956	3626	0.25%	0.024%
41	13.633	1787	1793	1794	rBV	2108	2538	0.18%	0.017%
42	13.657	1795	1797	1804	rVB3	2707	3127	0.22%	0.020%
43	13.727	1806	1809	1810	rBV2	1627	1486	0.10%	0.010%
44	13.769	1810	1816	1822	rVB2	3406	6344	0.45%	0.041%
45	13.833	1822	1827	1831	rBV2	10119	16586	1.16%	0.108%
46	14.251	1894	1898	1901	rVV3	3038	5860	0.41%	0.038%
47	14.310	1905	1908	1913	rVV4	5962	10136	0.71%	0.066%
48	14.351	1913	1915	1924	rVB6	3232	7708	0.54%	0.050%
49	14.557	1943	1950	1951	rBV4	3293	5145	0.36%	0.034%
50	14.574	1951	1953	1954	rVV2	2876	2264	0.16%	0.015%
51	14.616	1954	1960	1962	rVV4	5432	10318	0.72%	0.067%
52	14.663	1962	1968	1974	rVV	521261	751887	52.74%	4.912%
53	14.716	1974	1977	1980	rVV4	4289	5596	0.39%	0.037%
54	14.780	1983	1988	1990	rVV3	2737	3212	0.23%	0.021%
55	14.886	2001	2006	2008	rBV3	3655	4432	0.31%	0.029%
56	14.986	2016	2023	2032	rVB	628710	977607	68.58%	6.386%
57	15.192	2054	2058	2061	rBV2	6617	9790	0.69%	0.064%
58	15.233	2063	2065	2066	rVV	4126	3347	0.23%	0.022%
59	15.280	2066	2073	2081	rVB2	397404	640484	44.93%	4.184%
60	15.474	2101	2106	2114	rBV	28788	54122	3.80%	0.354%
61	15.692	2139	2143	2144	rBV4	2278	2692	0.19%	0.018%
62	15.751	2149	2153	2156	rVB5	5230	7915	0.56%	0.052%
63	15.780	2156	2158	2159	rBV2	1736	1627	0.11%	0.011%
64	15.845	2167	2169	2170	rBV2	2459	1544	0.11%	0.010%
65	15.974	2187	2191	2193	rBV	5537	8127	0.57%	0.053%
66	16.151	2218	2221	2223	rBV4	2325	2895	0.20%	0.019%
67	16.257	2232	2239	2245	rBV	775760	1170725	82.12%	7.648%
68	16.380	2254	2260	2269	rBV	169070	265063	18.59%	1.732%
69	16.457	2271	2273	2275	rVV2	10153	10674	0.75%	0.070%
70	16.486	2275	2278	2282	rVB3	8455	13958	0.98%	0.091%
71	16.563	2287	2291	2292	rBV3	3861	4886	0.34%	0.032%

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72	16.610	2296	2299	2303	rBV4	5662	8520	0.60%	0.056%
73	16.710	2310	2316	2317	rBV5	4483	8494	0.60%	0.055%
74	16.733	2317	2320	2325	rVB3	9378	15275	1.07%	0.100%
75	17.033	2367	2371	2375	rBV	14086	19202	1.35%	0.125%
76	17.086	2375	2380	2387	rVV2	50749	82494	5.79%	0.539%
77	17.151	2387	2391	2394	rVV	19457	23610	1.66%	0.154%
78	17.198	2395	2399	2402	rVB2	9948	13461	0.94%	0.088%
79	17.357	2421	2426	2431	rVB4	18936	34747	2.44%	0.227%
80	17.415	2432	2436	2439	rBV	15197	19828	1.39%	0.130%
81	17.492	2446	2449	2455	rVB	12819	19081	1.34%	0.125%
82	17.774	2494	2497	2502	rVB6	12442	18264	1.28%	0.119%
83	17.992	2528	2534	2540	rBV2	468157	718849	50.43%	4.696%
84	18.033	2540	2541	2545	rVV	24597	22393	1.57%	0.146%
85	18.092	2545	2551	2562	rVB2	833071	1228547	86.18%	8.026%
86	18.321	2587	2590	2595	rVB2	8650	11861	0.83%	0.077%
87	18.392	2598	2602	2607	rVB	24393	37692	2.64%	0.246%
88	19.298	2752	2756	2761	rVB	85614	112272	7.88%	0.733%
89	19.992	2872	2874	2878	rVB	22620	23836	1.67%	0.156%
90	20.156	2898	2902	2906	rVB	108191	130629	9.16%	0.853%
91	20.327	2925	2931	2939	rBV	905860	1358292	95.28%	8.873%
92	20.651	2983	2986	2994	rBV5	31189	40868	2.87%	0.267%
93	22.080	3224	3229	3236	rBV	575709	803401	56.36%	5.248%
94	24.503	3633	3641	3653	rVB	641141	1425552	100.00%	9.313%
95	24.674	3662	3670	3683	rVB2	364476	847317	59.44%	5.535%

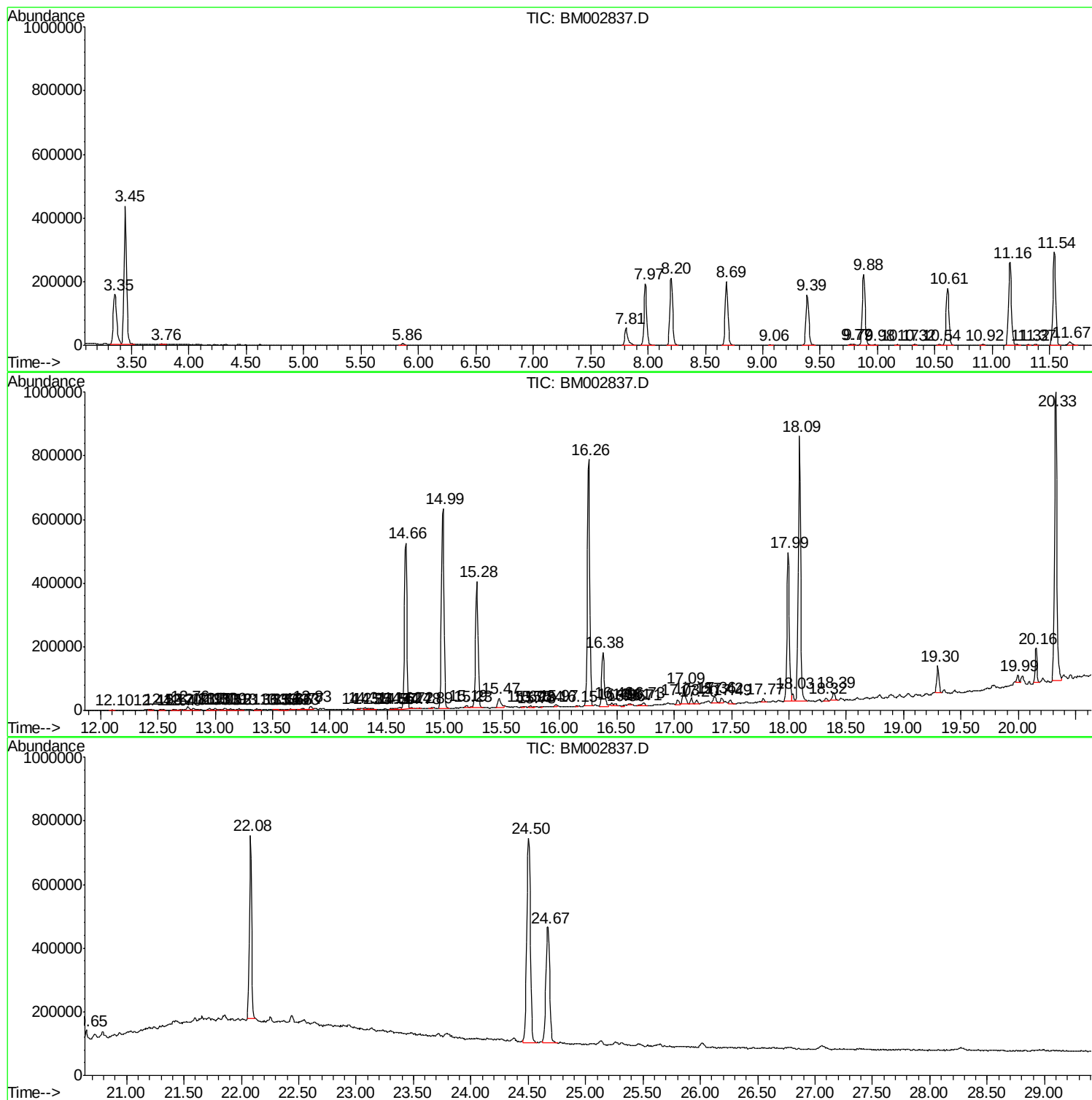
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Quant Method : Z:\HPCHEM1\BNA M\METHOD\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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



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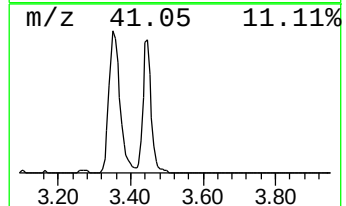
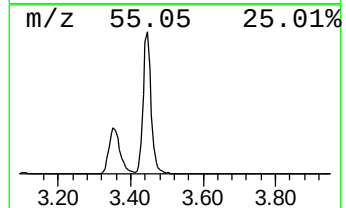
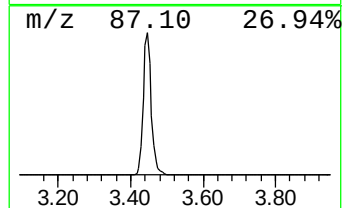
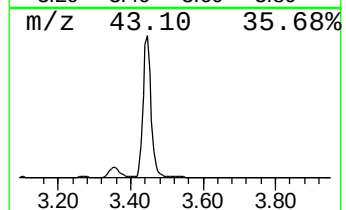
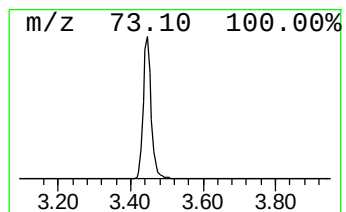
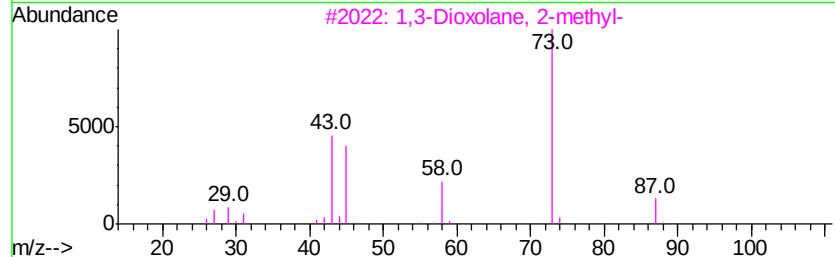
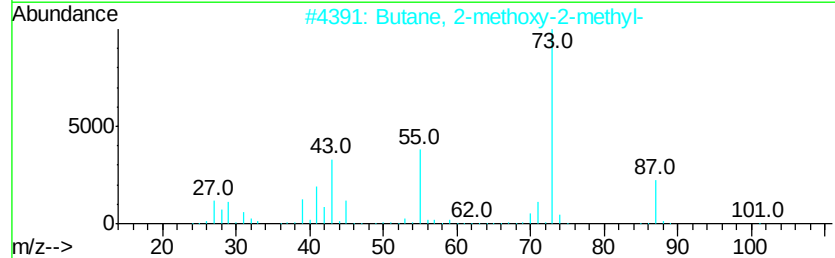
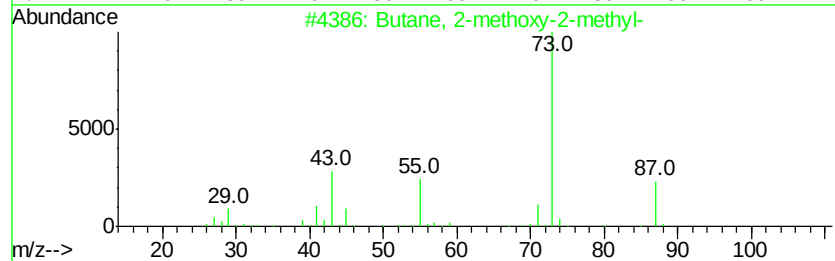
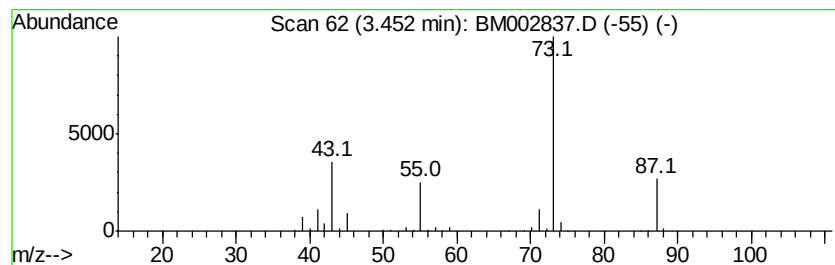
Quant Method : Z:\HPCHEM1\BNA M\METHOD\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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	37.54 ng/ul	657339	1,4-Dichlorobenzene-d4	8.69

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		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22



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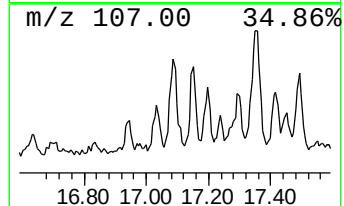
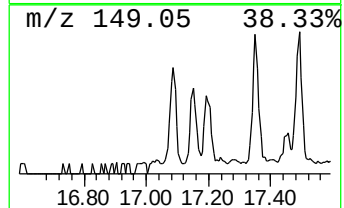
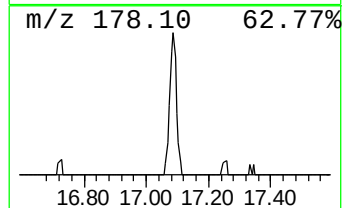
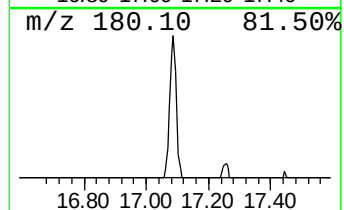
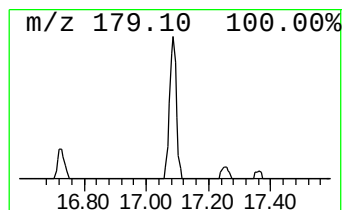
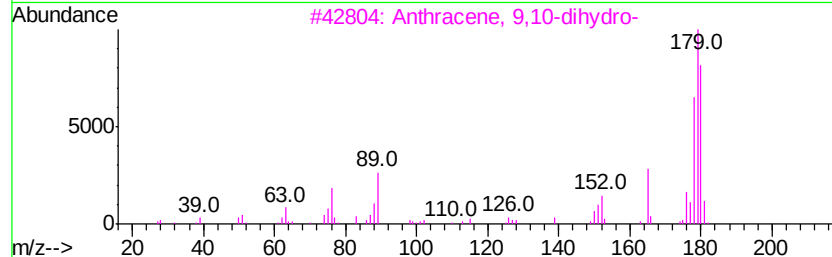
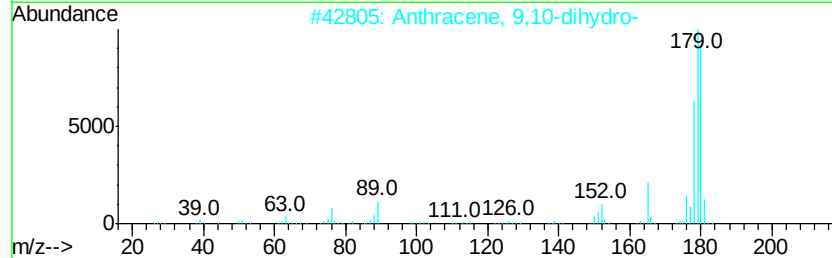
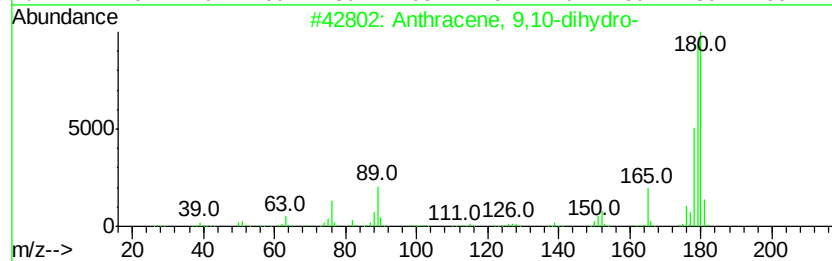
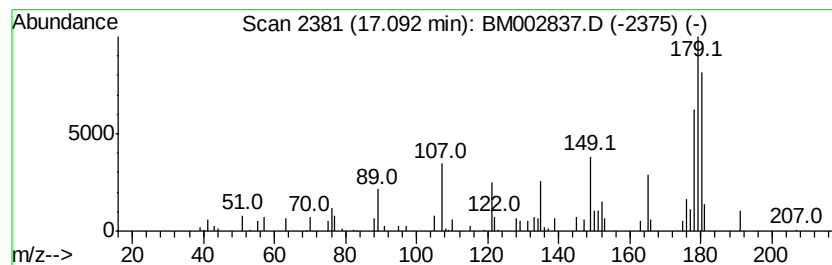
Quant Method : Z:\HPCHEM1\BNA M\METHOD\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Anthracene, 9,10-dihydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	2.30 ng/ul	82494	Phenanthrene-d10	17.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	93
2		Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	92
3		Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	91
4		Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	90
5		cis-Stilbene	180	C14H12	000645-49-8	83



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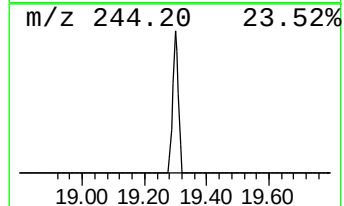
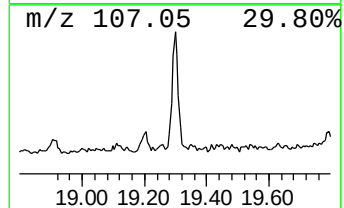
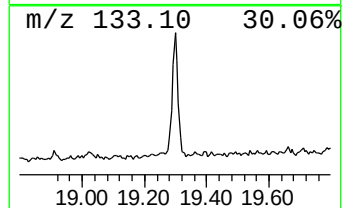
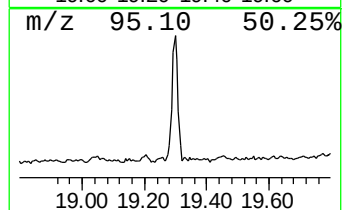
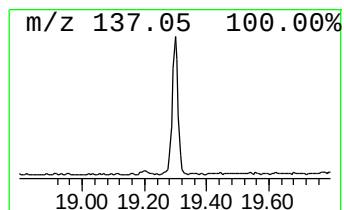
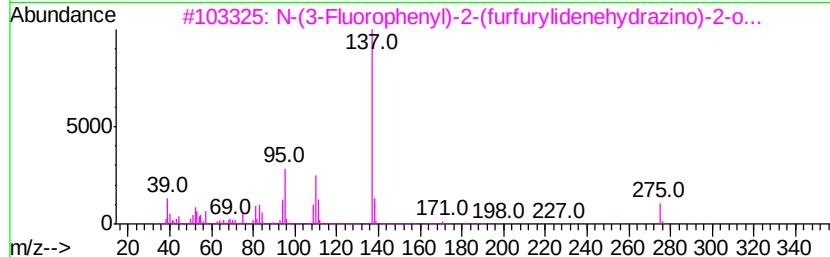
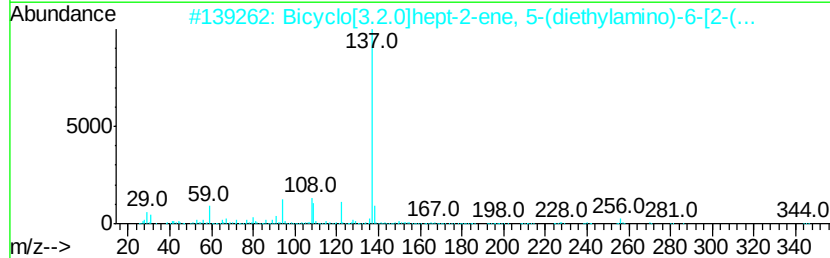
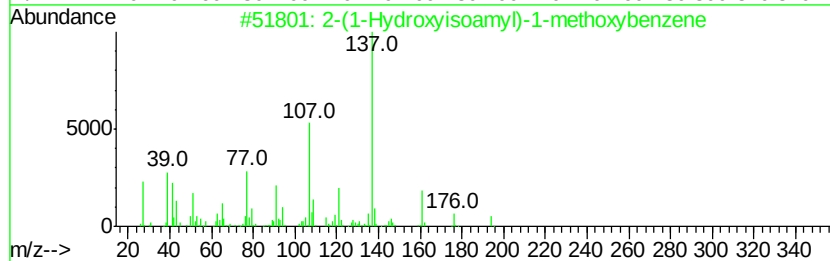
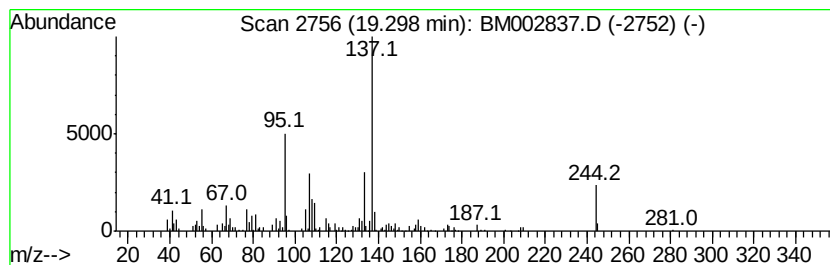
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	3.12 ng/ul	112272	Phenanthrene-d10	17.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(1-Hydroxyisoamyl)-1-methoxybe...	194	C12H18O2	1000250-10-7	43
2		Bicyclo[3.2.0]hept-2-ene, 5-(die...	345	C21H31NO3	1000160-60-8	38
3		N-(3-Fluorophenyl)-2-(furfurylid...	275	C13H10FN3O3	328030-94-0	37
4		N-Formyl(4-hydroxy-2-methoxyphen...	267	C13H17NO5	1000196-48-5	32
5		2,4-Dihydroxyphenylbenzyl ketone	228	C14H12O3	003669-41-8	27



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C03H4

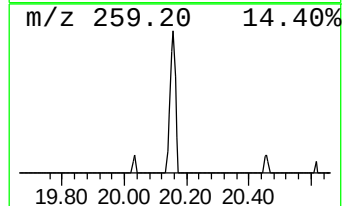
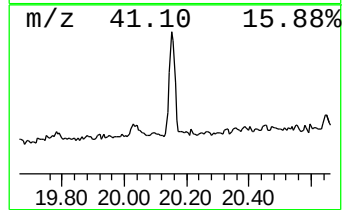
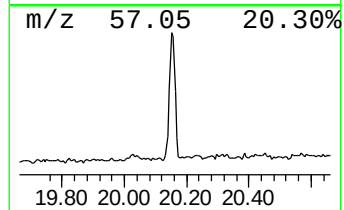
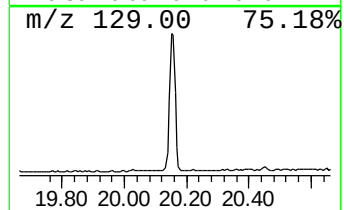
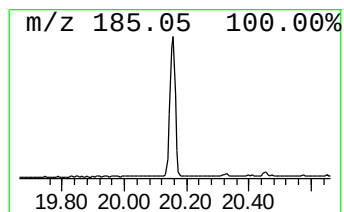
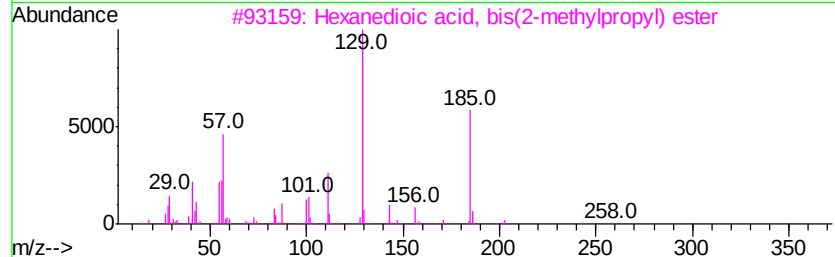
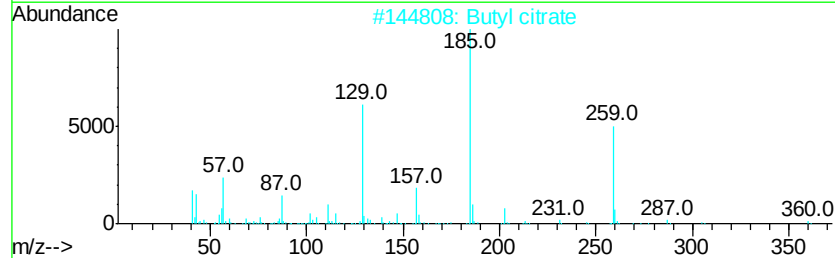
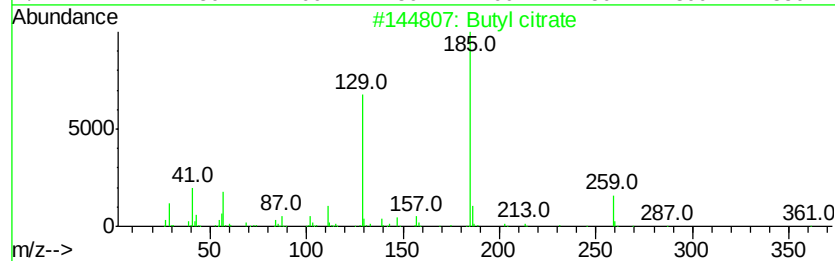
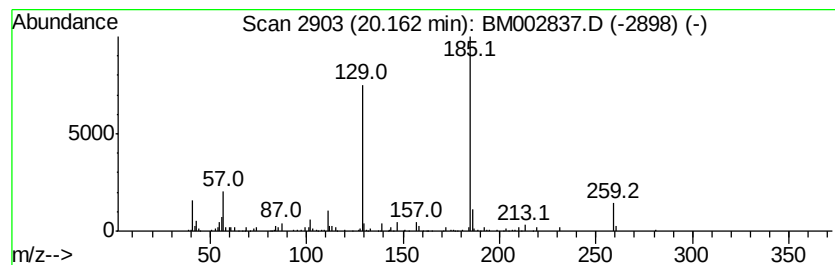
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Butyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	3.25 ng/ul	130629	Chrysene-d12	22.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate		360	C18H32O7	000077-94-1	91
2	Butyl citrate		360	C18H32O7	000077-94-1	72
3	Hexanedioic acid, bis(2-methylpr...		258	C14H26O4	000141-04-8	64
4	Hexanedioic acid, bis(2-methylpr...		258	C14H26O4	000141-04-8	56
5	Hexanedioic acid, dibutyl ester		258	C14H26O4	000105-99-7	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100215\
Data File : BM002837.D
Acq On : 02 Oct 2015 19:30
Operator : UM/IZ
Sample : G3852-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C03H4

Quant Method : Z:\HPCHEM1\BNA_M\METHOD\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	37.5	ng/ul	657339	1	8.69	350229	20.0
Anthracene, 9,10-...	17.09	2.3	ng/ul	82494	4	17.99	718849	20.0
unknown-01	19.30	3.1	ng/ul	112272	4	17.99	718849	20.0
Butyl citrate	20.16	3.3	ng/ul	130629	5	22.08	803401	20.0