

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021516\
 Data File : BM004275.D
 Acq On : 16 Feb 2016 01:18
 Operator : SJ/UM
 Sample : H1416-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9QF3

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-BM021216.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	2.769	9	14	23	rBV	77499	125015	15.16%	1.272%
2	2.846	23	27	36	rVB	47716	55346	6.71%	0.563%
3	4.287	268	272	276	rBV	10837	14499	1.76%	0.147%
4	6.834	700	705	713	rVB	40171	61234	7.42%	0.623%
5	6.981	725	730	739	rBB	122592	183767	22.28%	1.869%
6	7.181	758	764	773	rBB	151044	228104	27.66%	2.320%
7	7.645	837	843	849	rBB	120096	185064	22.44%	1.882%
8	8.369	960	966	974	rBV	126364	193912	23.51%	1.972%
9	8.704	1019	1023	1026	rBV2	1644	2687	0.33%	0.027%
10	8.745	1026	1030	1034	rVV	6761	9291	1.13%	0.095%
11	8.804	1034	1040	1050	rVB	155334	244807	29.68%	2.490%
12	9.028	1073	1078	1083	rBB	15214	21479	2.60%	0.218%
13	9.439	1145	1148	1151	rBB	3168	3842	0.47%	0.039%
14	9.522	1157	1162	1169	rBB	138186	220715	26.76%	2.245%
15	9.728	1191	1197	1201	rBB	1520	2658	0.32%	0.027%
16	9.986	1235	1241	1245	rVB2	9111	14027	1.70%	0.143%
17	10.069	1249	1255	1264	rBV	201325	336586	40.81%	3.424%
18	10.433	1310	1317	1323	rBV	191233	312753	37.92%	3.181%
19	10.492	1323	1327	1333	rVB2	1489	2496	0.30%	0.025%
20	10.557	1333	1338	1342	rBV	16779	30326	3.68%	0.308%
21	10.686	1356	1360	1363	rBV	2456	3519	0.43%	0.036%
22	10.969	1405	1408	1410	rBV2	2366	3258	0.40%	0.033%
23	11.010	1410	1415	1419	rVV2	6710	10681	1.29%	0.109%
24	11.286	1458	1462	1464	rBV2	2492	3617	0.44%	0.037%
25	11.410	1479	1483	1490	rBV2	1649	3447	0.42%	0.035%
26	11.510	1493	1500	1503	rVV2	3345	7141	0.87%	0.073%
27	11.639	1515	1522	1530	rBV3	8117	15125	1.83%	0.154%
28	11.745	1535	1540	1545	rBV2	1359	2961	0.36%	0.030%
29	11.822	1545	1553	1554	rVV5	7790	16304	1.98%	0.166%
30	11.845	1554	1557	1561	rVB3	13002	17955	2.18%	0.183%
31	11.998	1577	1583	1585	rBV2	3821	5953	0.72%	0.061%
32	12.110	1595	1602	1606	rBV3	4312	10762	1.30%	0.109%
33	12.163	1606	1611	1619	rVB3	8234	18658	2.26%	0.190%
34	12.275	1625	1630	1635	rVV5	2092	4295	0.52%	0.044%

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 Title : SVOA CALIBRATION

35	12.322	1635	1638	1645	rVB4	3297	6502	0.79%	0.066%
36	12.404	1647	1652	1657	rBV2	6704	10539	1.28%	0.107%
37	12.457	1657	1661	1665	rBV4	4811	8583	1.04%	0.087%
38	12.639	1687	1692	1694	rBV3	3727	5615	0.68%	0.057%
39	12.675	1694	1698	1703	rVB	4554	7298	0.88%	0.074%
40	12.769	1703	1714	1719	rBV5	5019	13574	1.65%	0.138%
41	12.845	1721	1727	1732	rBV4	8222	17165	2.08%	0.175%
42	12.904	1734	1737	1742	rVB4	3177	5704	0.69%	0.058%
43	13.022	1751	1757	1759	rBV4	4529	5690	0.69%	0.058%
44	13.051	1759	1762	1768	rVB4	3596	6293	0.76%	0.064%
45	13.116	1768	1773	1777	rBV4	2437	4391	0.53%	0.045%
46	13.174	1777	1783	1784	rBV4	2928	5408	0.66%	0.055%
47	13.198	1784	1787	1793	rVB2	11896	16709	2.03%	0.170%
48	13.280	1797	1801	1807	rVB4	4853	7038	0.85%	0.072%
49	13.351	1807	1813	1818	rBV2	18272	30015	3.64%	0.305%
50	13.486	1832	1836	1838	rBV3	2955	5073	0.62%	0.052%
51	13.510	1838	1840	1841	rVV2	3405	3401	0.41%	0.035%
52	13.539	1842	1845	1851	rVV5	9185	19829	2.40%	0.202%
53	13.610	1855	1857	1858	rVV	3001	2533	0.31%	0.026%
54	13.651	1859	1864	1867	rVV3	7897	14135	1.71%	0.144%
55	13.722	1867	1876	1883	rVB	372476	529357	64.18%	5.385%
56	13.816	1887	1892	1894	rBV2	6147	10146	1.23%	0.103%
57	13.863	1894	1900	1905	rVB6	13606	26789	3.25%	0.273%
58	13.998	1917	1923	1928	rBV	424137	634551	76.93%	6.455%
59	14.045	1928	1931	1932	rVV3	2793	2683	0.33%	0.027%
60	14.127	1939	1945	1950	rBV7	6155	15525	1.88%	0.158%
61	14.198	1953	1957	1960	rBV4	3480	4768	0.58%	0.049%
62	14.304	1967	1975	1983	rVB2	274527	429599	52.08%	4.370%
63	14.398	1983	1991	1993	rBV5	3388	7401	0.90%	0.075%
64	14.433	1993	1997	2000	rBV2	3831	6099	0.74%	0.062%
65	14.480	2000	2005	2008	rBV5	4764	8274	1.00%	0.084%
66	14.563	2014	2019	2027	rVB	28364	46259	5.61%	0.471%
67	14.639	2027	2032	2034	rBV4	7225	12309	1.49%	0.125%
68	14.739	2046	2049	2052	rBV3	5045	6962	0.84%	0.071%
69	14.774	2052	2055	2065	rVV6	11316	23727	2.88%	0.241%
70	14.851	2065	2068	2072	rVB3	5503	6459	0.78%	0.066%
71	14.916	2077	2079	2083	rVB3	3962	4588	0.56%	0.047%

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72	15.057	2099	2103	2107	rBV	11323	16615	2.01%	0.169%
73	15.216	2124	2130	2135	rVB9	8604	19752	2.39%	0.201%
74	15.304	2139	2145	2152	rVV	563250	787871	95.52%	8.014%
75	15.398	2157	2161	2164	rBV5	5124	7379	0.89%	0.075%
76	15.445	2164	2169	2179	rBV	145785	244838	29.68%	2.491%
77	15.645	2197	2203	2207	rBV3	7739	16494	2.00%	0.168%
78	15.716	2213	2215	2218	rVB2	8539	7130	0.86%	0.073%
79	15.757	2219	2222	2225	rVV4	4712	5468	0.66%	0.056%
80	15.833	2232	2235	2238	rBV4	6739	6963	0.84%	0.071%
81	15.927	2249	2251	2256	rVB4	4281	5873	0.71%	0.060%
82	16.204	2295	2298	2302	rBV5	5070	6359	0.77%	0.065%
83	16.380	2326	2328	2332	rBV5	4833	5503	0.67%	0.056%
84	16.568	2356	2360	2365	rBV3	11860	22572	2.74%	0.230%
85	16.715	2383	2385	2390	rVB5	9187	10676	1.29%	0.109%
86	16.786	2395	2397	2398	rBV2	5817	4630	0.56%	0.047%
87	16.833	2401	2405	2410	rBV4	16519	31125	3.77%	0.317%
88	16.933	2418	2422	2425	rBV5	15060	24536	2.97%	0.250%
89	17.057	2434	2443	2452	rBV2	307216	525380	63.70%	5.344%
90	17.157	2452	2460	2468	rVV2	547316	824808	100.00%	8.390%
91	17.233	2470	2473	2478	rVB6	25871	37718	4.57%	0.384%
92	17.327	2487	2489	2498	rVB7	10238	18165	2.20%	0.185%
93	17.562	2525	2529	2534	rVB	24564	38608	4.68%	0.393%
94	19.468	2847	2853	2859	rBV	539095	777195	94.23%	7.906%
95	19.533	2859	2864	2871	rBV	297405	426664	51.73%	4.340%
96	19.880	2920	2923	2927	rVB	42045	52046	6.31%	0.529%
97	20.556	3036	3038	3042	rVB	35391	38888	4.71%	0.396%
98	21.268	3155	3159	3164	rVB	322509	395061	47.90%	4.019%
99	23.362	3508	3515	3523	rVB	378589	710856	86.18%	7.231%
100	23.503	3533	3539	3548	rVB2	212827	418334	50.72%	4.255%

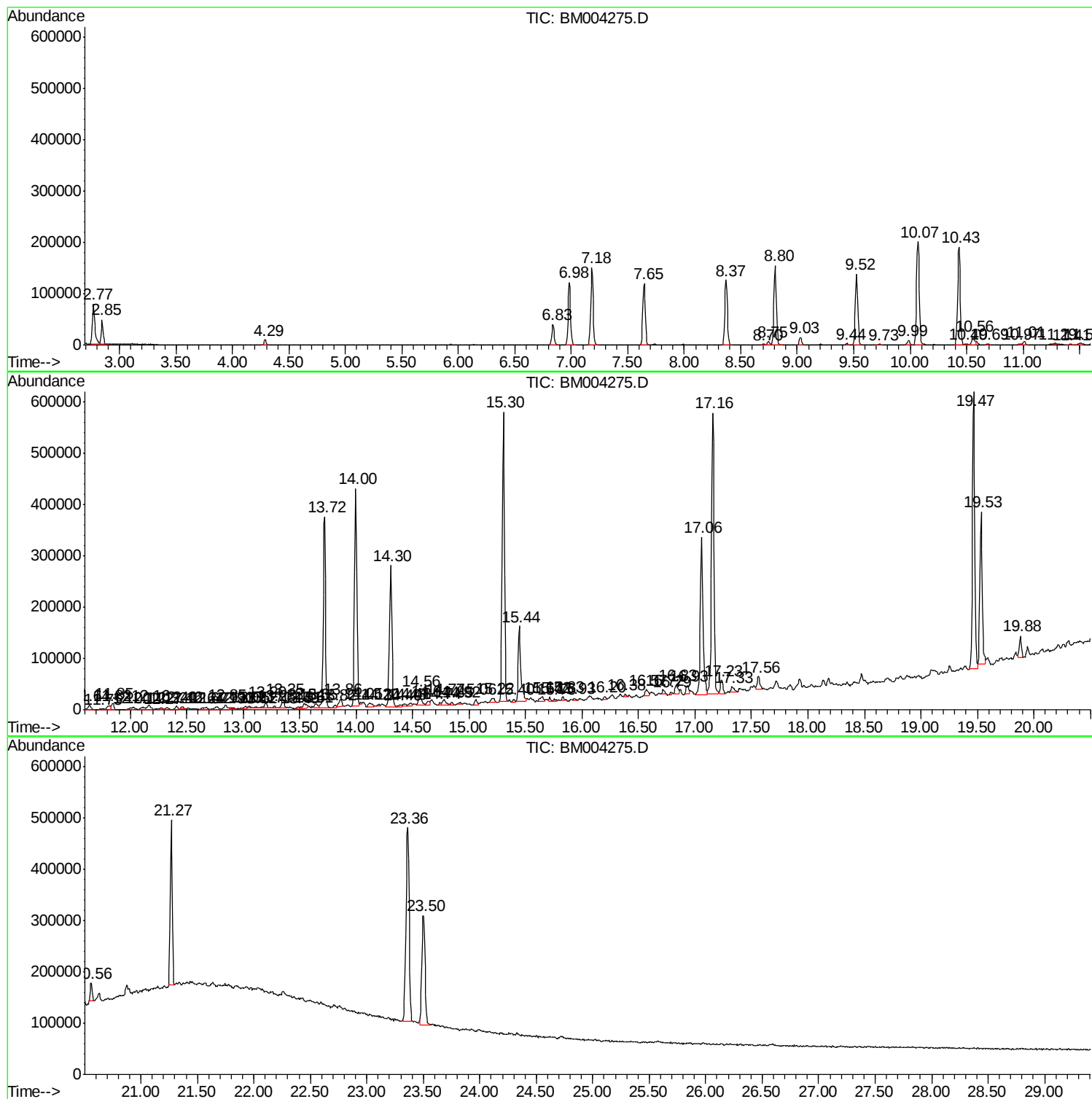
Sum of corrected areas: 9830782

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

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



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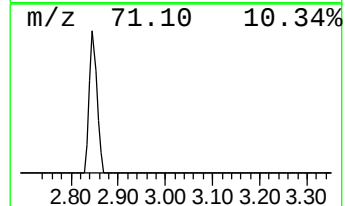
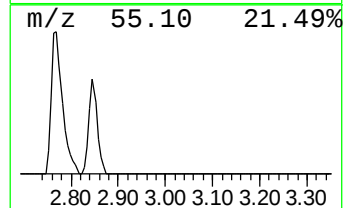
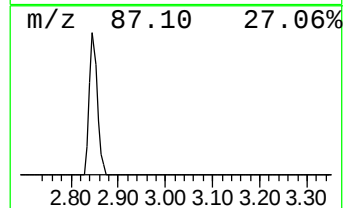
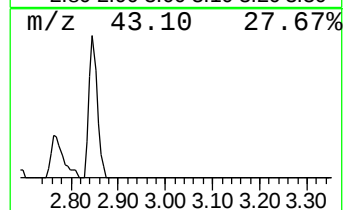
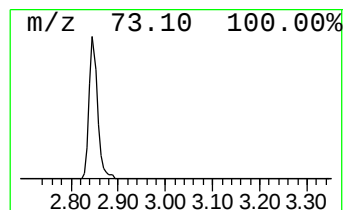
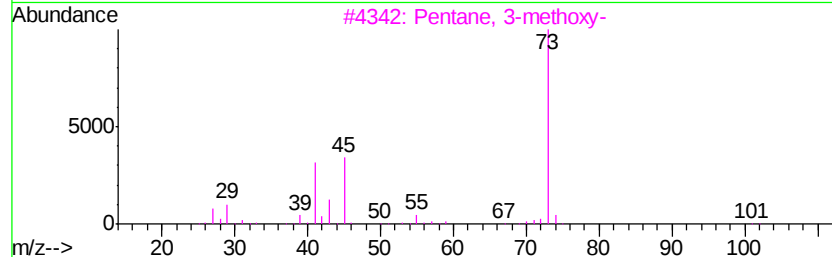
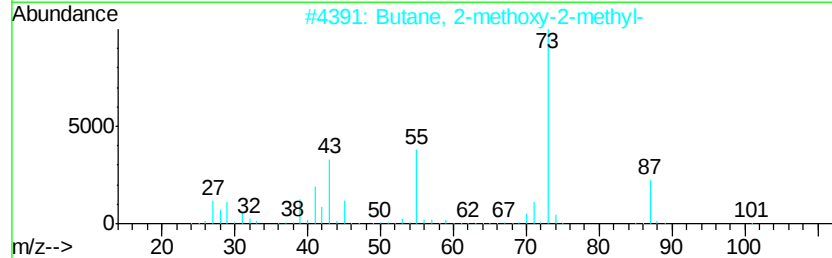
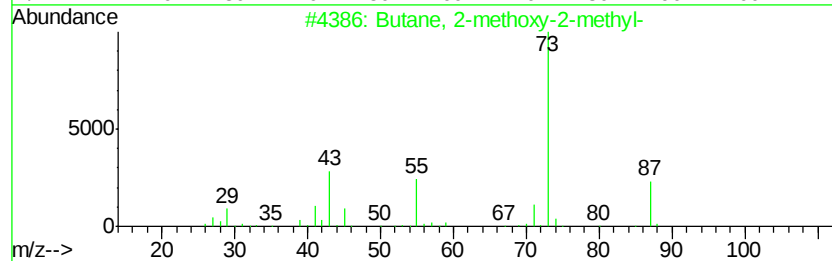
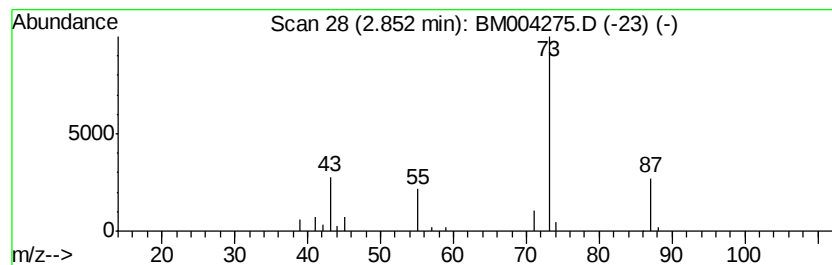
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	5.98 ng/ul	55346	1,4-Dichlorobenzene-d4	7.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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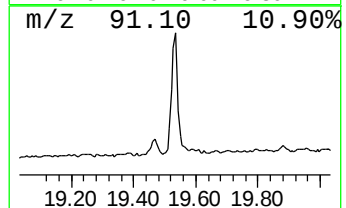
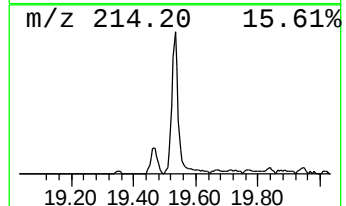
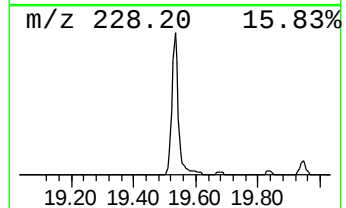
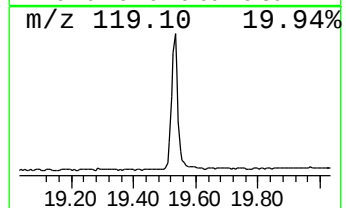
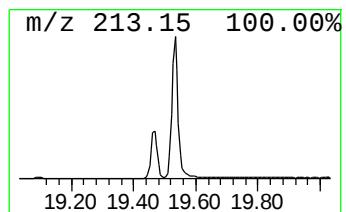
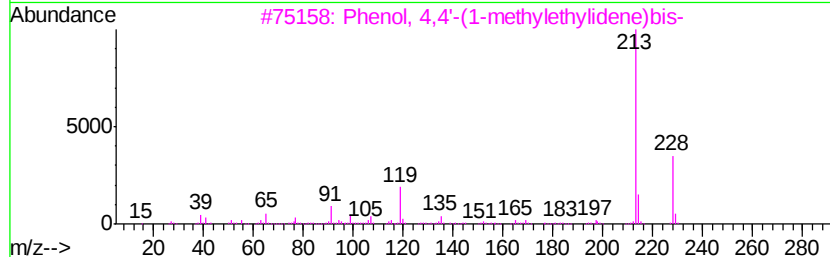
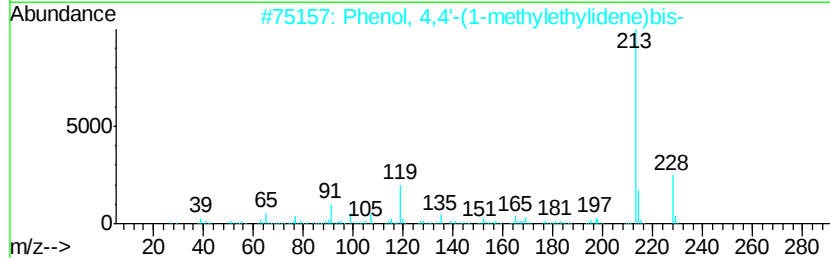
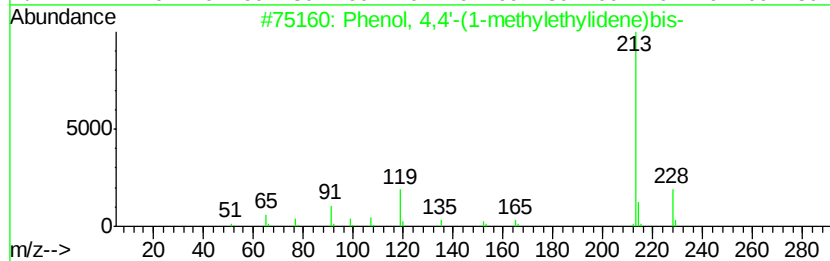
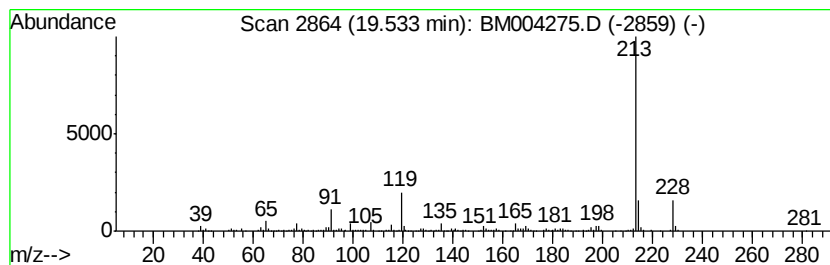
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	21.60 ng/ul	426664	Chrysene-d12	21.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene)bis-	228	C15H16O2	000080-05-7	98	
2	Phenol, 4,4'-(1-methylethylidene)bis-	228	C15H16O2	000080-05-7	95	
3	Phenol, 4,4'-(1-methylethylidene)bis-	228	C15H16O2	000080-05-7	90	
4	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	53	
5	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	50	



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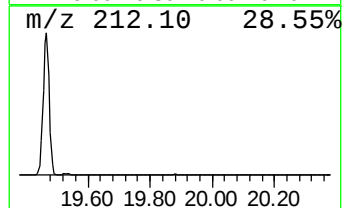
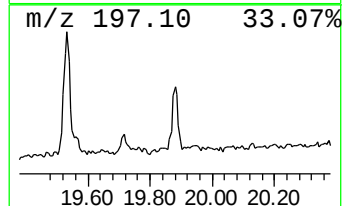
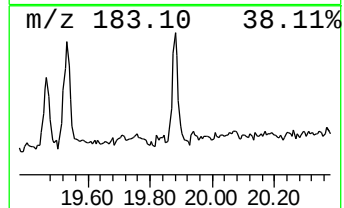
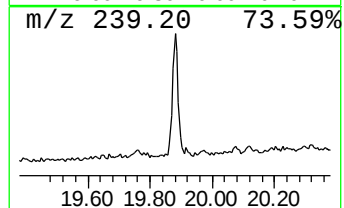
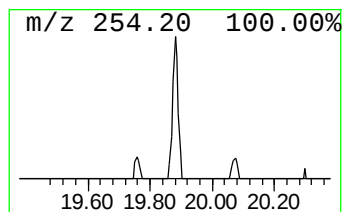
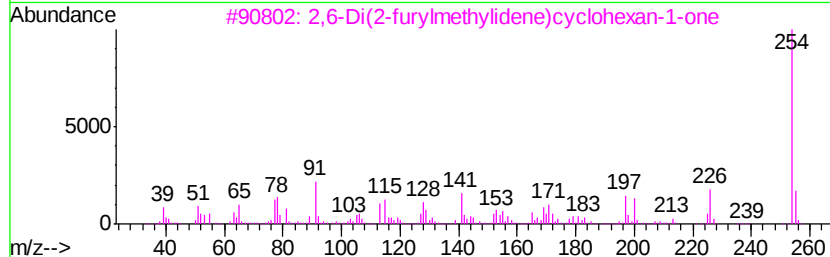
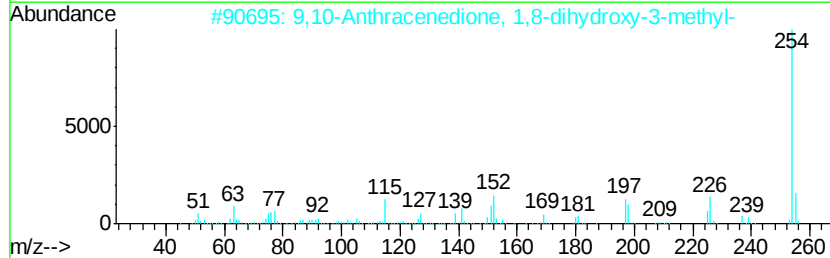
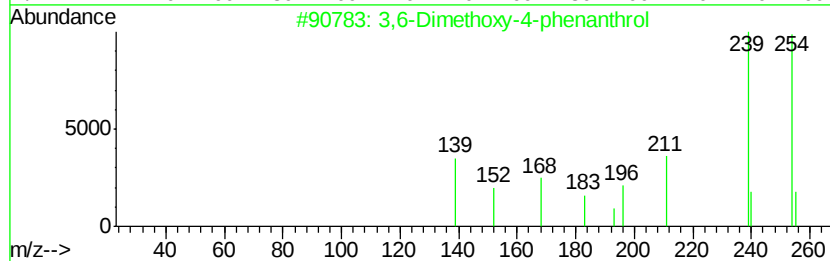
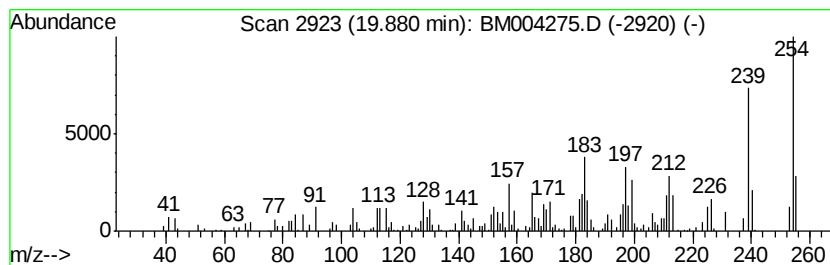
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.63 ng/ul	52046	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dimethoxy-4-phenanthrol	254	C16H14O3	000481-81-2	47	
2	9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	38	
3	2,6-Di(2-furvlmethyldiene)cyclohex...	254	C16H14O3	000893-00-5	30	
4	Acridin-1(2H)-one, 3,4-dihydro-9...	254	C16H18N2O	130186-68-4	30	
5	1,2,3,4-Tetrahydrobenzimidazo[2,...	239	C14H13N3O	024415-63-2	30	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021516\
Data File : BM004275.D
Acq On : 16 Feb 2016 01:18
Operator : SJ/UM
Sample : H1416-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9QF3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.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...	2.85	6.0	ng/ul	55346	1	7.65	185064	20.0
Phenol, 4,4'-(1-m...	19.53	21.6	ng/ul	426664	5	21.27	395061	20.0
unknown-01	19.88	2.6	ng/ul	52046	5	21.27	395061	20.0