

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
 Data File : BM002778.D
 Acq On : 30 Sep 2015 10:49
 Operator : UM/IZ
 Sample : G3838-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5MW1

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	3.269	29	31	37	rVB4	1803	2386	0.13%	0.011%
2	3.363	41	47	53	rVV	96139	195178	10.42%	0.875%
3	3.452	57	62	70	rVV	246406	347076	18.53%	1.556%
4	3.504	70	71	79	rVB3	4934	7047	0.38%	0.032%
5	3.769	111	116	123	rVB	21536	30691	1.64%	0.138%
6	4.093	167	171	178	rBV2	4505	8676	0.46%	0.039%
7	4.369	215	218	223	rBV3	2078	2915	0.16%	0.013%
8	4.622	257	261	265	rVB2	2396	3418	0.18%	0.015%
9	5.622	428	431	438	rVB3	2025	4303	0.23%	0.019%
10	6.075	502	508	513	rVB2	2897	4101	0.22%	0.018%
11	6.598	592	597	605	rBV3	3462	7266	0.39%	0.033%
12	6.669	607	609	615	rVB	1794	2097	0.11%	0.009%
13	7.110	679	684	689	rBV	4404	6035	0.32%	0.027%
14	7.616	768	770	775	rBV	1637	2448	0.13%	0.011%
15	7.810	796	803	815	rBV	344995	598836	31.97%	2.684%
16	7.992	826	834	847	rVB	301628	501458	26.77%	2.248%
17	8.210	864	871	882	rBV	392904	668493	35.68%	2.997%
18	8.698	946	954	963	rBV	343774	578357	30.87%	2.593%
19	8.892	984	987	990	rBV2	1631	1913	0.10%	0.009%
20	9.392	1065	1072	1087	rVB	443745	772465	41.23%	3.463%
21	9.810	1138	1143	1147	rBV	1511	2138	0.11%	0.010%
22	9.892	1149	1157	1168	rVB	332390	571478	30.50%	2.562%
23	10.192	1205	1208	1211	rBV	1742	1934	0.10%	0.009%
24	10.622	1274	1281	1289	rBV	261035	453189	24.19%	2.032%
25	11.163	1365	1373	1385	rBV	418494	725989	38.75%	3.254%
26	11.557	1432	1440	1449	rVB	468315	812881	43.39%	3.644%
27	11.680	1454	1461	1474	rBV	429262	766771	40.93%	3.437%
28	13.092	1697	1701	1707	rBV	5646	8598	0.46%	0.039%
29	13.639	1792	1794	1799	rBV	3148	4225	0.23%	0.019%
30	13.880	1831	1835	1841	rVB	6381	7741	0.41%	0.035%
31	14.069	1863	1867	1869	rBV3	1901	2179	0.12%	0.010%
32	14.139	1873	1879	1885	rBV3	1335	2192	0.12%	0.010%
33	14.674	1964	1970	1974	rVV	690957	972283	51.90%	4.359%
34	14.716	1974	1977	1987	rVB	358238	501176	26.75%	2.247%

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35	14.998	2018	2025	2032	rBV	864198	1304368	69.63%	5.847%
36	15.110	2040	2044	2048	rBV2	6772	8893	0.47%	0.040%
37	15.292	2064	2075	2083	rBV2	599425	956854	51.08%	4.289%
38	15.457	2096	2103	2115	rBV	222248	364967	19.48%	1.636%
39	15.539	2115	2117	2120	rVB3	1811	2459	0.13%	0.011%
40	15.610	2125	2129	2131	rBV2	1689	2617	0.14%	0.012%
41	15.715	2142	2147	2152	rBV3	2672	4148	0.22%	0.019%
42	15.774	2156	2157	2162	rVB3	2147	3020	0.16%	0.014%
43	15.933	2180	2184	2186	rBV2	2235	3342	0.18%	0.015%
44	16.010	2192	2197	2199	rBV2	4464	6562	0.35%	0.029%
45	16.045	2199	2203	2208	rVB	18325	23262	1.24%	0.104%
46	16.115	2210	2215	2220	rBV3	1863	3654	0.20%	0.016%
47	16.168	2222	2224	2228	rVB2	1749	1932	0.10%	0.009%
48	16.268	2234	2241	2248	rVV	1032674	1533175	81.84%	6.873%
49	16.386	2255	2261	2267	rBV	140946	205545	10.97%	0.921%
50	16.445	2268	2271	2275	rVB2	5512	7909	0.42%	0.035%
51	16.504	2275	2281	2284	rBV	10348	13737	0.73%	0.062%
52	16.586	2293	2295	2301	rBV2	2344	3500	0.19%	0.016%
53	16.739	2316	2321	2322	rBV2	2880	3759	0.20%	0.017%
54	16.786	2325	2329	2336	rVV	14921	24850	1.33%	0.111%
55	16.892	2342	2347	2356	rBV	17573	35001	1.87%	0.157%
56	17.045	2366	2373	2377	rBV4	2982	6201	0.33%	0.028%
57	17.098	2377	2382	2385	rBV3	5359	6728	0.36%	0.030%
58	17.162	2388	2393	2394	rBV2	4954	4940	0.26%	0.022%
59	17.292	2411	2415	2418	rVV5	3152	3446	0.18%	0.015%
60	17.321	2418	2420	2423	rVV	2160	2334	0.12%	0.010%
61	17.357	2423	2426	2429	rVB2	2442	3598	0.19%	0.016%
62	17.392	2429	2432	2435	rBV2	1771	2486	0.13%	0.011%
63	17.462	2439	2444	2448	rVB4	8062	10404	0.56%	0.047%
64	17.580	2461	2464	2467	rBV	3008	3669	0.20%	0.016%
65	17.674	2475	2480	2484	rBV	16290	21529	1.15%	0.097%
66	17.727	2485	2489	2492	rVB	4606	7092	0.38%	0.032%
67	17.792	2497	2500	2504	rBV	1977	3273	0.17%	0.015%
68	18.004	2530	2536	2542	rBV2	661711	978452	52.23%	4.386%
69	18.104	2546	2553	2559	rBV2	1061661	1536133	82.00%	6.886%
70	18.239	2573	2576	2580	rVB4	3100	4324	0.23%	0.019%
71	18.304	2584	2587	2589	rBV5	3039	3494	0.19%	0.016%

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72	18.409	2601	2605	2611	rBV2	10836	14383	0.77%	0.064%
73	18.456	2611	2613	2616	rBV3	1624	1896	0.10%	0.008%
74	18.668	2645	2649	2650	rBV2	3179	3398	0.18%	0.015%
75	18.798	2668	2671	2678	rBV2	6611	9024	0.48%	0.040%
76	18.892	2681	2687	2691	rBV2	5794	10982	0.59%	0.049%
77	19.203	2737	2740	2742	rBV3	3956	4708	0.25%	0.021%
78	19.327	2757	2761	2763	rBV4	2502	2786	0.15%	0.012%
79	19.627	2810	2812	2818	rVB5	2031	3908	0.21%	0.018%
80	19.680	2818	2821	2823	rBV4	3471	3994	0.21%	0.018%
81	19.733	2827	2830	2833	rBV4	2920	3969	0.21%	0.018%
82	19.974	2867	2871	2874	rBV	11393	17207	0.92%	0.077%
83	20.003	2874	2876	2880	rVB	9825	10997	0.59%	0.049%
84	20.168	2901	2904	2908	rVB3	9229	9545	0.51%	0.043%
85	20.227	2910	2914	2917	rBV	9309	13742	0.73%	0.062%
86	20.280	2921	2923	2926	rVV2	8504	7844	0.42%	0.035%
87	20.333	2926	2932	2943	rVV	1254301	1702215	90.86%	7.631%
88	21.703	3160	3165	3167	rBV	112336	163943	8.75%	0.735%
89	21.733	3167	3170	3180	rVB	228178	308750	16.48%	1.384%
90	21.915	3197	3201	3208	rVB	40814	51045	2.72%	0.229%
91	22.092	3225	3231	3236	rBV	818337	1154873	61.65%	5.177%
92	22.239	3253	3256	3261	rVB2	15823	22286	1.19%	0.100%
93	22.291	3262	3265	3270	rVB2	21267	28260	1.51%	0.127%
94	24.515	3635	3643	3656	rVB	872810	1873408	100.00%	8.398%
95	24.680	3663	3671	3685	rVB2	539180	1194966	63.79%	5.357%

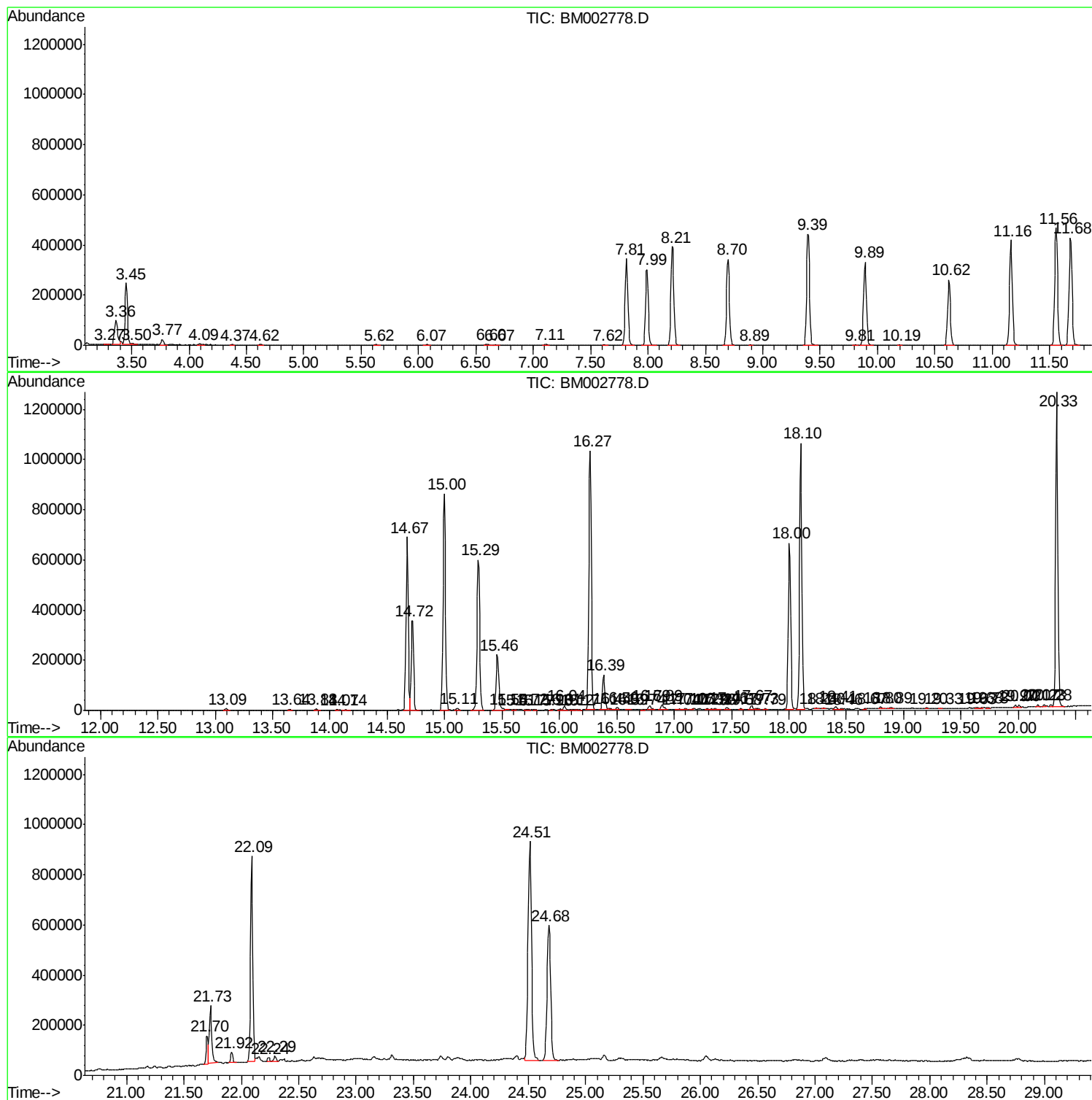
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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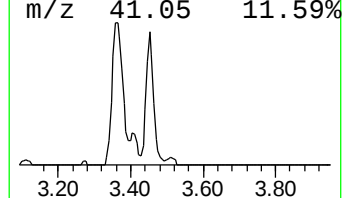
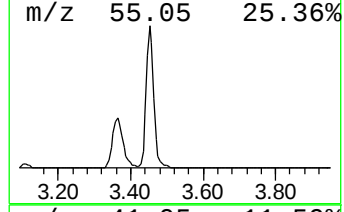
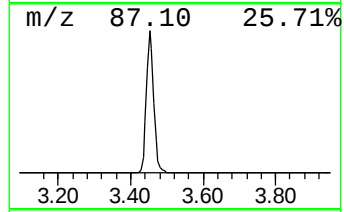
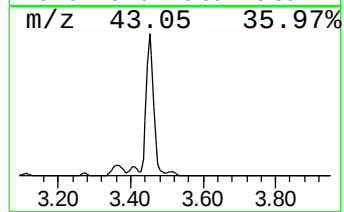
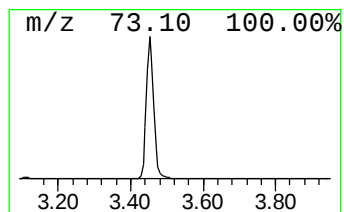
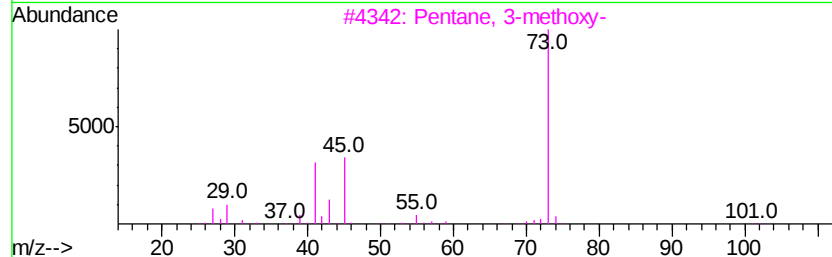
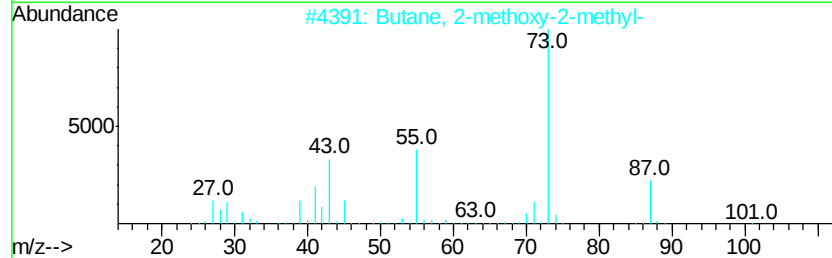
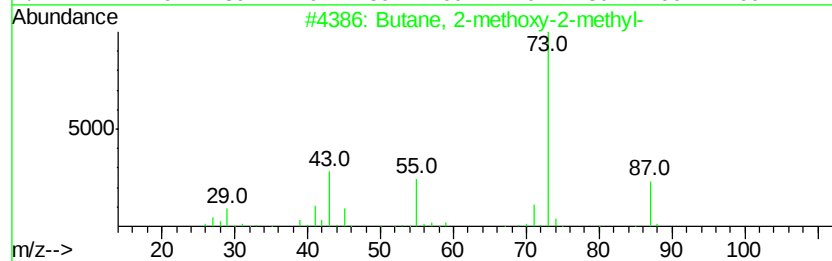
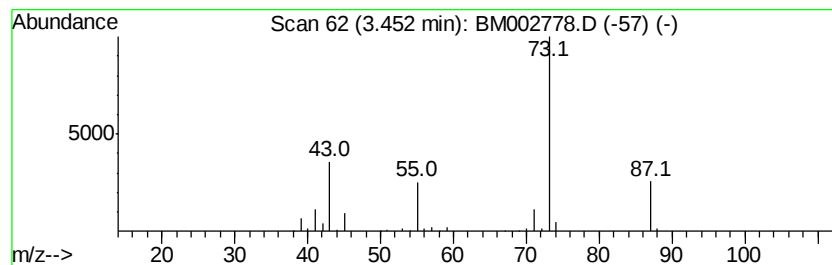
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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	12.00 ng/ul	347076	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	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10



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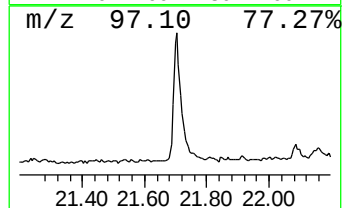
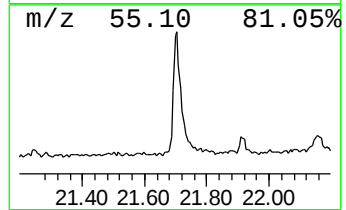
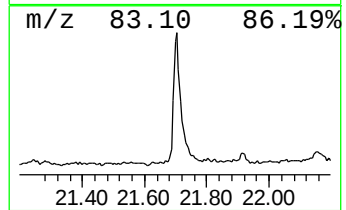
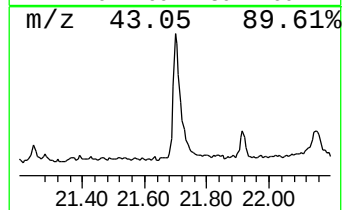
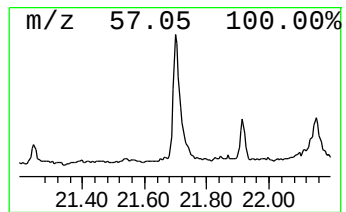
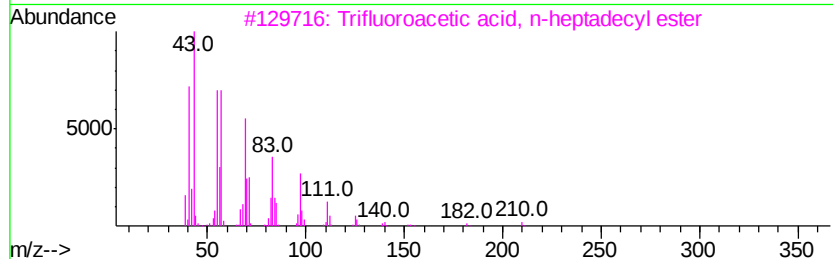
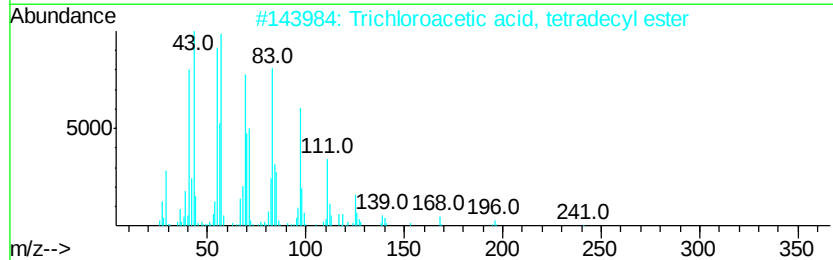
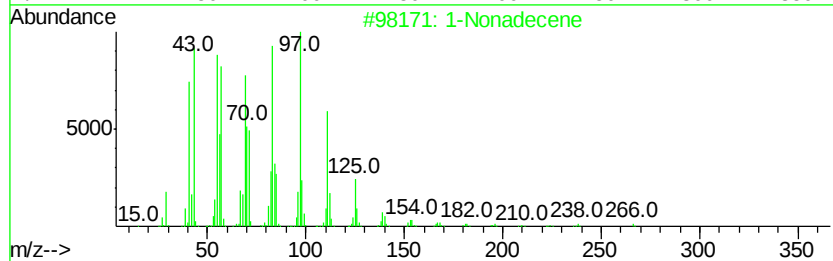
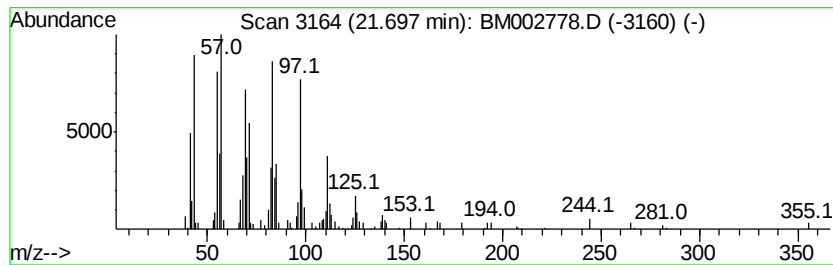
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	2.84 ng/ul	163943	Chrysene-d12	22.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	94
2			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3			Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
4			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



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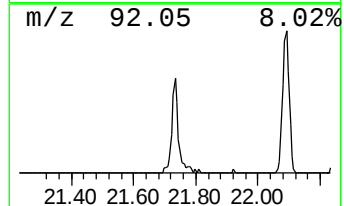
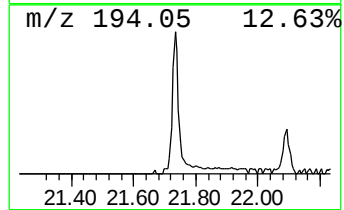
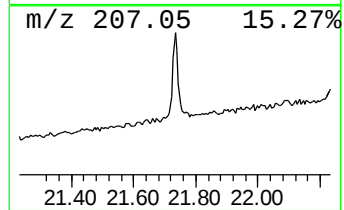
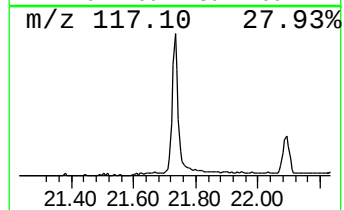
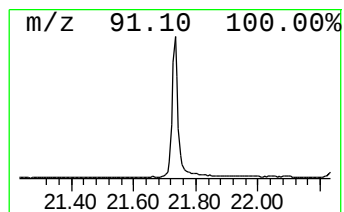
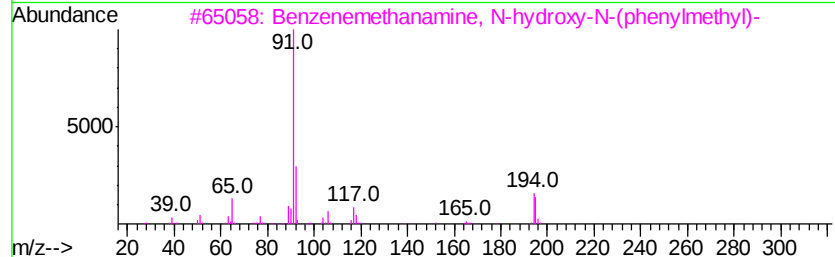
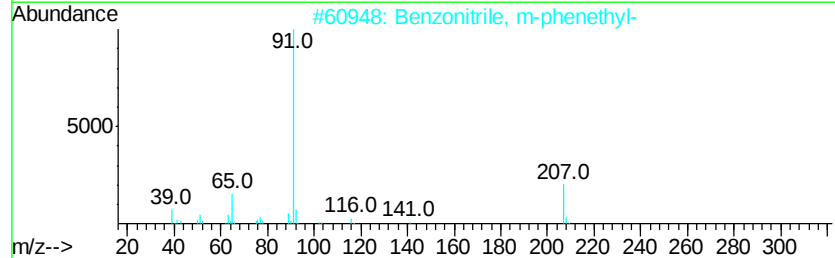
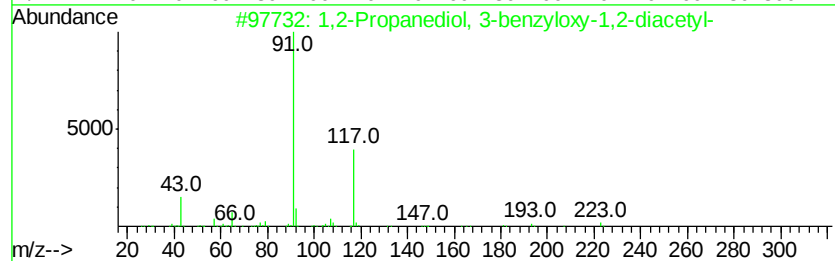
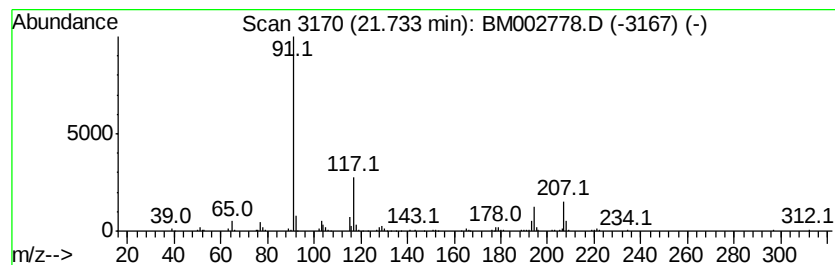
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	5.35 ng/ul	308750	Chrysene-d12	22.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Propanediol, 3-benzvloxv-1,2...	266	C14H18O5	013754-10-4	32
2		Benzonitrile, m-phenethyl-	207	C15H13N	034176-91-5	25
3		Benzenemethanamine, N-hydroxy-N-...	213	C14H15NO	000621-07-8	17
4		Benzene, (5-iodopentyl)-	274	C11H15I	099858-37-4	17
5		Benzenemethanamine, N-(phenylmet...	195	C14H13N	000780-25-6	10



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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.45	12.0	ng/ul	347076	1	8.70	578357	20.0
(DEL) Alkane: Str...	21.70	2.8	ng/ul	163943	5	22.09	1154870	20.0
unknown-01	21.73	5.3	ng/ul	308750	5	22.09	1154870	20.0