

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
 Data File : BM002769.D
 Acq On : 30 Sep 2015 05:19
 Operator : UM/IZ
 Sample : G3798-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G64

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	57	rBV	112172	221771	20.43%	1.728%
2	3.452	57	62	74	rVB	244520	340183	31.34%	2.650%
3	3.769	112	116	122	rVB	14219	19781	1.82%	0.154%
4	4.146	178	180	185	rVB2	862	1094	0.10%	0.009%
5	4.404	221	224	229	rVB	4072	5164	0.48%	0.040%
6	4.622	257	261	265	rBV2	915	1233	0.11%	0.010%
7	5.498	408	410	416	rBV	819	1294	0.12%	0.010%
8	5.640	427	434	443	rBV	51820	80212	7.39%	0.625%
9	7.810	796	803	818	rVB	248436	425578	39.21%	3.315%
10	7.992	827	834	845	rVB	207398	338667	31.20%	2.638%
11	8.210	865	871	885	rVB	278489	472782	43.56%	3.683%
12	8.698	947	954	963	rBV	302154	507612	46.77%	3.954%
13	9.392	1065	1072	1088	rBV	309617	525962	48.46%	4.097%
14	9.892	1149	1157	1167	rVB	217985	372293	34.30%	2.900%
15	10.192	1205	1208	1211	rBV2	1319	1506	0.14%	0.012%
16	10.622	1275	1281	1290	rVB	174849	300504	27.68%	2.341%
17	11.163	1366	1373	1382	rBV	295911	504061	46.44%	3.926%
18	11.557	1431	1440	1449	rBV	416716	727316	67.01%	5.666%
19	11.680	1454	1461	1474	rBV	303911	534963	49.29%	4.167%
20	12.210	1545	1551	1554	rBV2	708	1150	0.11%	0.009%
21	13.098	1698	1702	1705	rVB	3202	4633	0.43%	0.036%
22	13.651	1792	1796	1800	rVB2	1123	1350	0.12%	0.011%
23	13.880	1833	1835	1838	rBV	2558	2773	0.26%	0.022%
24	14.674	1963	1970	1974	rBV	461358	651796	60.05%	5.077%
25	14.716	1974	1977	1984	rVB	176115	237446	21.88%	1.850%
26	14.998	2018	2025	2035	rVB	335674	498007	45.88%	3.879%
27	15.116	2040	2045	2047	rVB	3900	4216	0.39%	0.033%
28	15.292	2069	2075	2083	rVB2	541950	847630	78.09%	6.603%
29	15.457	2097	2103	2116	rBV	122092	199994	18.43%	1.558%
30	15.710	2144	2146	2151	rVB2	1074	1101	0.10%	0.009%
31	16.010	2192	2197	2199	rBV	3272	4312	0.40%	0.034%
32	16.045	2199	2203	2207	rVB	14864	16599	1.53%	0.129%
33	16.268	2235	2241	2249	rVB	250959	372011	34.27%	2.898%
34	16.386	2257	2261	2266	rBV	27658	35862	3.30%	0.279%

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35	16.445	2266	2271	2275	rVB3	4724	7401	0.68%	0.058%
36	16.592	2293	2296	2299	rVB	1065	1364	0.13%	0.011%
37	16.662	2305	2308	2312	rBV	1136	1170	0.11%	0.009%
38	16.892	2342	2347	2357	rBV	20336	36967	3.41%	0.288%
39	17.233	2402	2405	2407	rVV3	2513	2748	0.25%	0.021%
40	17.251	2407	2408	2413	rVB2	1220	1458	0.13%	0.011%
41	17.286	2413	2414	2421	rVB2	1029	1414	0.13%	0.011%
42	17.392	2430	2432	2436	rVB2	2145	2165	0.20%	0.017%
43	17.457	2441	2443	2447	rVB	1810	1725	0.16%	0.013%
44	17.674	2476	2480	2485	rBV	21125	26806	2.47%	0.209%
45	17.727	2485	2489	2493	rVB	5348	7924	0.73%	0.062%
46	17.792	2497	2500	2504	rVV	1561	2019	0.19%	0.016%
47	17.921	2519	2522	2523	rBV	1222	1204	0.11%	0.009%
48	18.004	2530	2536	2543	rVV	623835	901991	83.10%	7.026%
49	18.104	2547	2553	2558	rVV2	43678	61923	5.70%	0.482%
50	18.139	2558	2559	2563	rVB3	1630	1985	0.18%	0.015%
51	18.221	2568	2573	2577	rBV4	2033	3643	0.34%	0.028%
52	18.286	2581	2584	2585	rBV	1701	1419	0.13%	0.011%
53	18.404	2600	2604	2610	rBV	14344	17839	1.64%	0.139%
54	18.451	2610	2612	2618	rVV3	1071	1638	0.15%	0.013%
55	18.515	2621	2623	2625	rBV2	1146	1305	0.12%	0.010%
56	18.580	2631	2634	2637	rBV2	1313	1603	0.15%	0.012%
57	18.656	2644	2647	2648	rBV	1392	1396	0.13%	0.011%
58	18.798	2666	2671	2676	rBV3	8308	13718	1.26%	0.107%
59	18.839	2676	2678	2680	rVV2	1555	1298	0.12%	0.010%
60	18.886	2684	2686	2689	rVB2	2854	3227	0.30%	0.025%
61	19.074	2714	2718	2722	rBV2	5294	7496	0.69%	0.058%
62	19.133	2726	2728	2733	rVB	1383	1372	0.13%	0.011%
63	19.203	2737	2740	2743	rBV	3605	4345	0.40%	0.034%
64	19.580	2802	2804	2810	rVB4	2148	3293	0.30%	0.026%
65	19.686	2820	2822	2825	rVB4	2748	2393	0.22%	0.019%
66	19.774	2834	2837	2840	rBV3	1348	2279	0.21%	0.018%
67	19.974	2867	2871	2874	rBV	4290	5254	0.48%	0.041%
68	20.168	2900	2904	2910	rBV	107275	119776	11.03%	0.933%
69	20.245	2913	2917	2920	rVV2	7328	9683	0.89%	0.075%
70	20.280	2920	2923	2927	rVV2	22550	24518	2.26%	0.191%
71	20.333	2927	2932	2937	rVV	148752	199322	18.36%	1.553%

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72	20.756	2999	3004	3008	rBV4	10512	16415	1.51%	0.128%
73	21.186	3072	3077	3080	rBV	96986	100937	9.30%	0.786%
74	21.245	3083	3087	3090	rVV2	18561	22889	2.11%	0.178%
75	21.280	3090	3093	3098	rVB3	11817	14927	1.38%	0.116%
76	21.697	3160	3164	3180	rBV	208092	369519	34.04%	2.878%
77	22.086	3225	3230	3237	rBV	747296	1074853	99.02%	8.373%
78	22.150	3237	3241	3251	rVB3	33621	59528	5.48%	0.464%
79	22.627	3319	3322	3325	rBV	21034	25275	2.33%	0.197%
80	23.156	3408	3412	3418	rBV3	23225	41848	3.86%	0.326%
81	23.309	3435	3438	3443	rVB2	16726	26313	2.42%	0.205%
82	23.733	3507	3510	3518	rVB	23711	37695	3.47%	0.294%
83	24.397	3619	3623	3629	rVB2	26040	48939	4.51%	0.381%
84	24.509	3638	3642	3653	rVB	27863	59965	5.52%	0.467%
85	24.680	3663	3671	3680	rVB	492154	1085447	100.00%	8.455%
86	25.162	3748	3753	3761	rVB3	25720	55194	5.08%	0.430%
87	26.050	3900	3904	3910	rVB	24369	49797	4.59%	0.388%

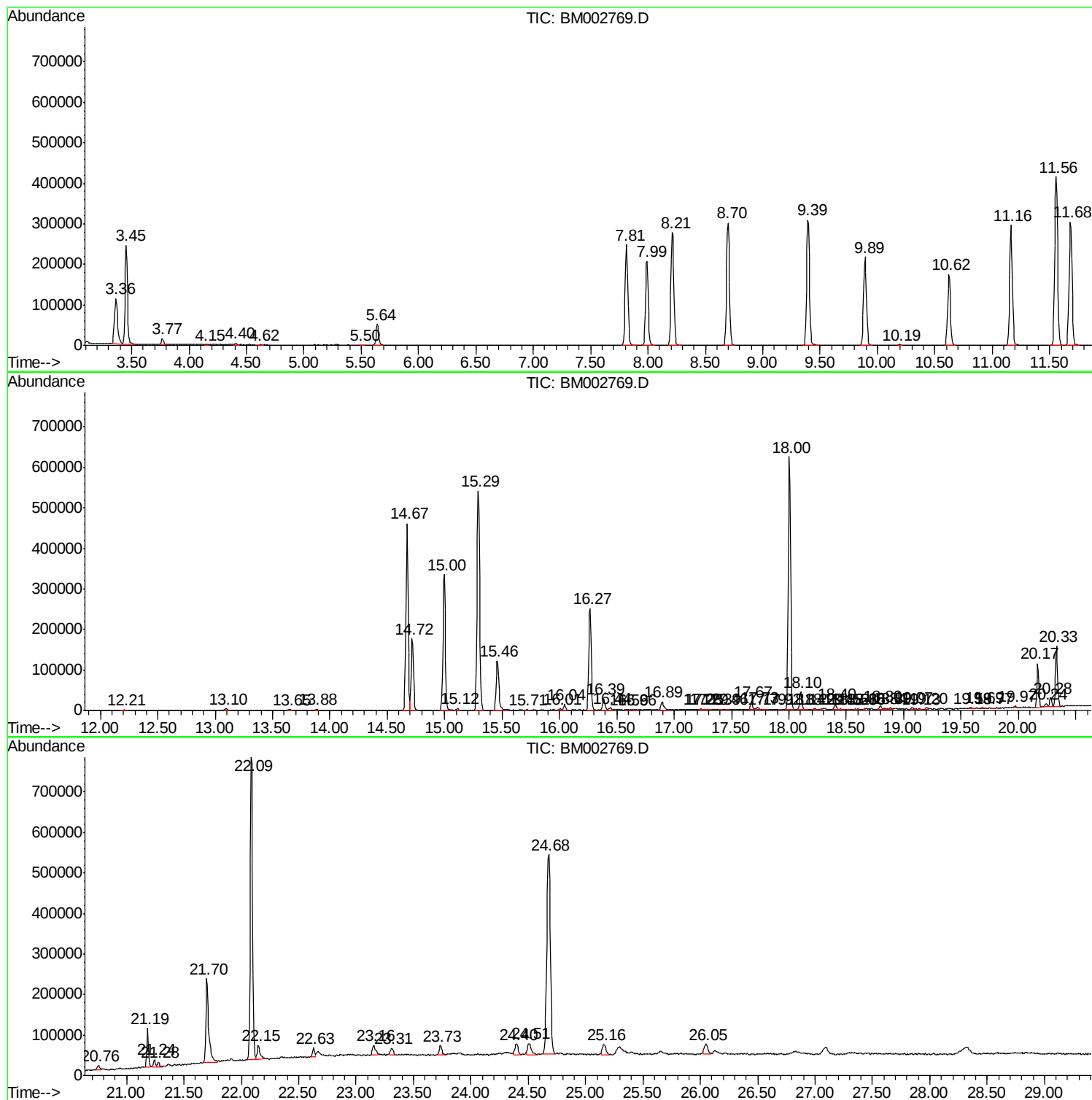
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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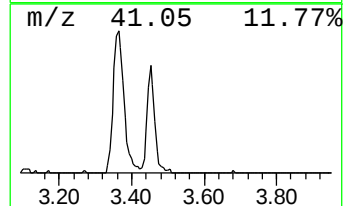
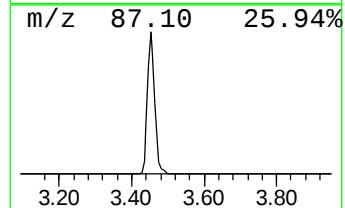
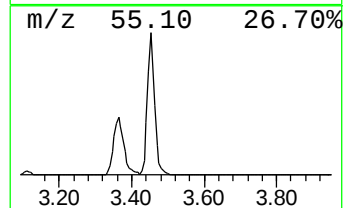
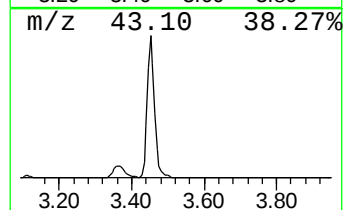
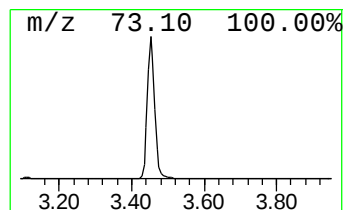
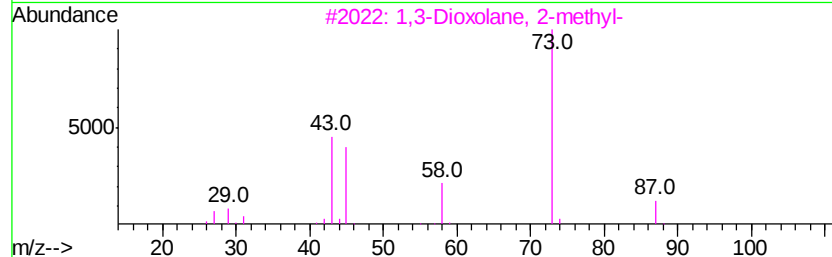
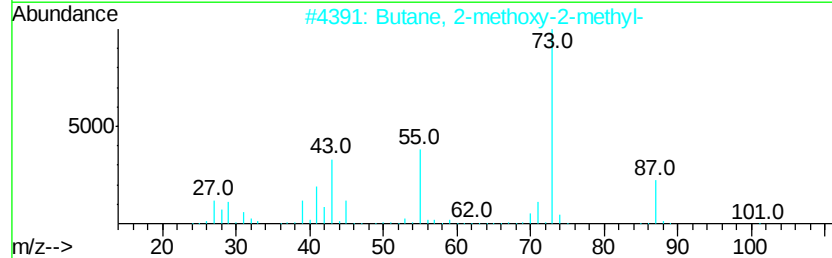
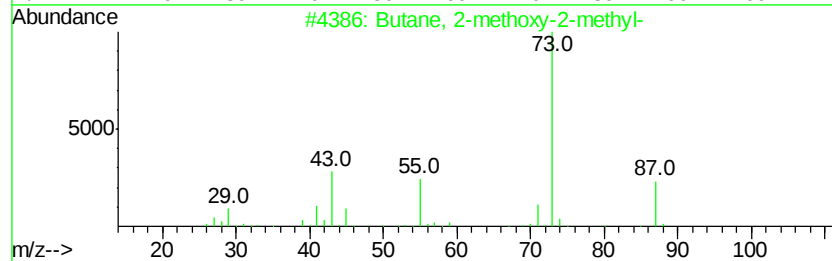
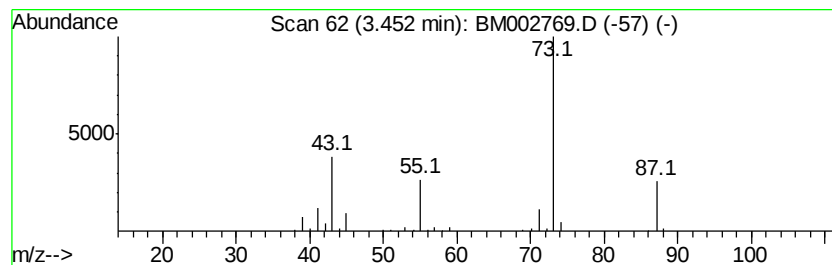
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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	13.40 ng/ul	340183	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	72
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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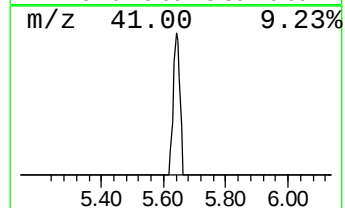
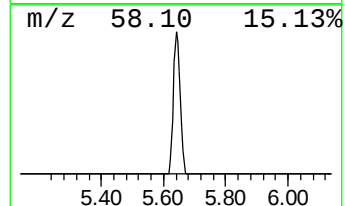
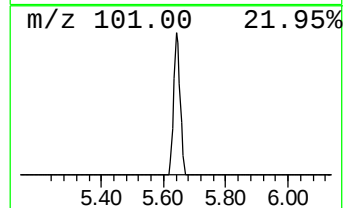
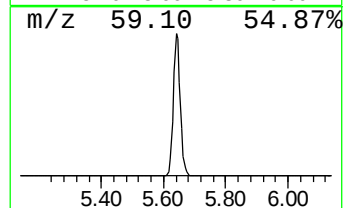
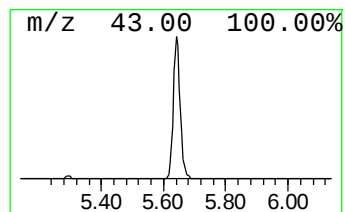
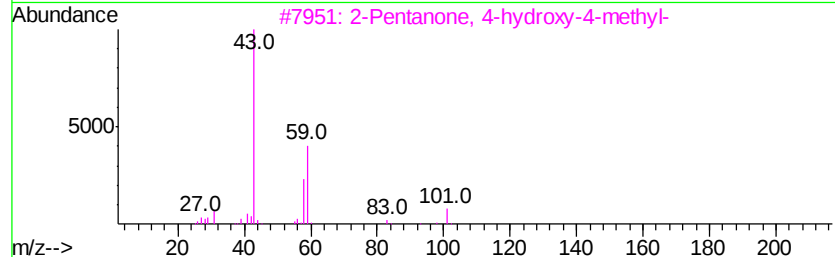
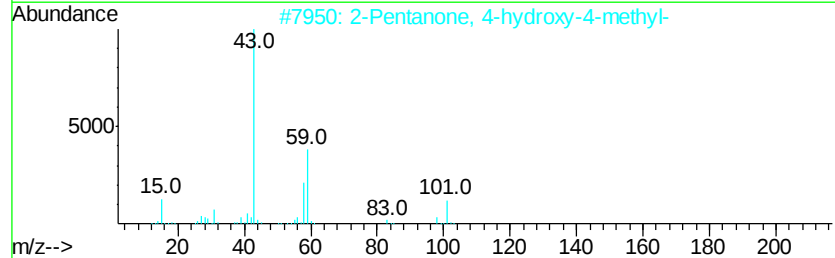
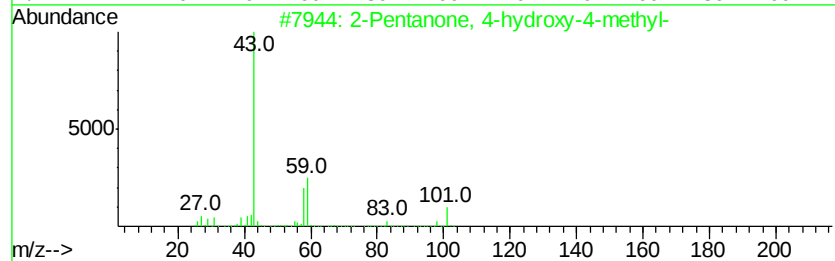
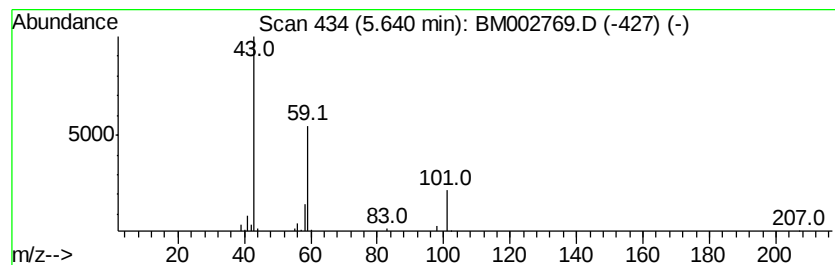
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	3.16 ng/ul	80212	1,4-Dichlorobenzene-d4	8.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
5		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28



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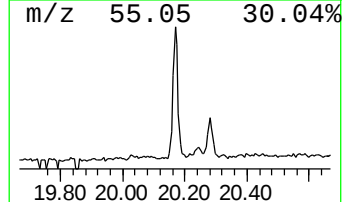
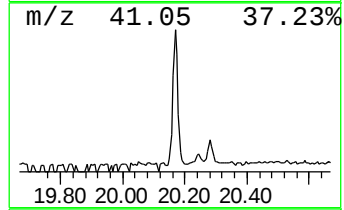
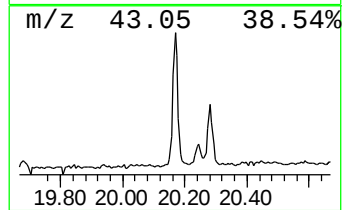
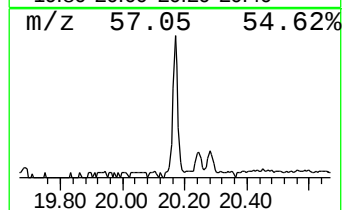
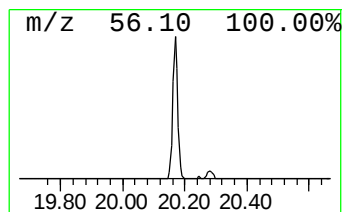
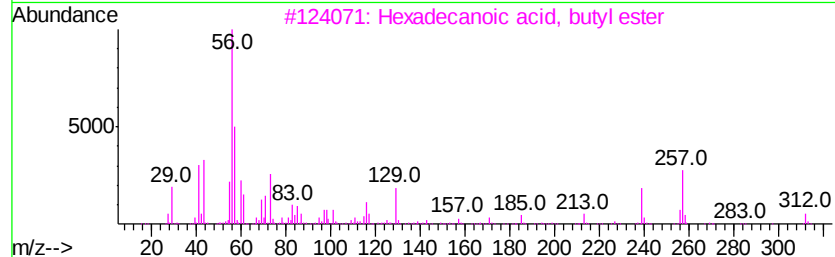
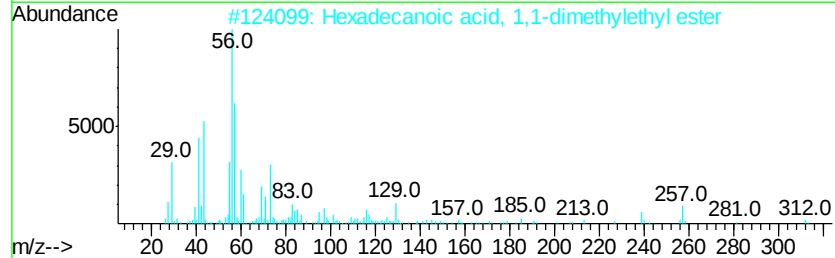
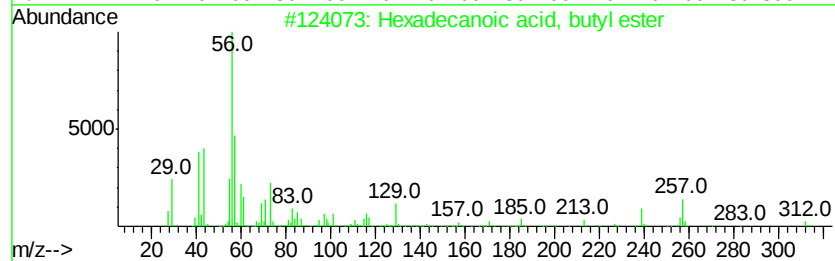
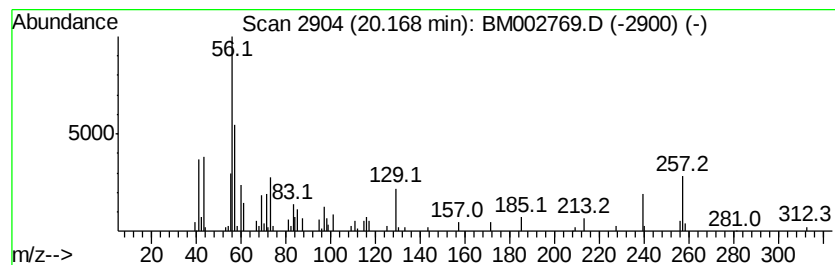
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	2.23 ng/ul	119776	Chrysene-d12	22.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	98
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	97
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	46
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	43
5		Nipecotic acid	129	C6H11NO2	000498-95-3	38



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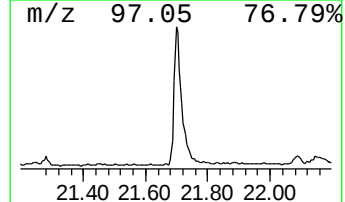
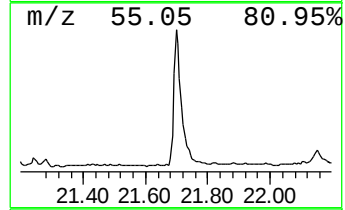
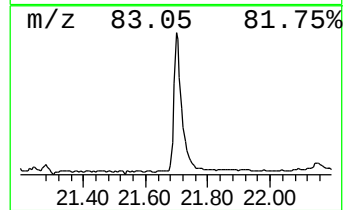
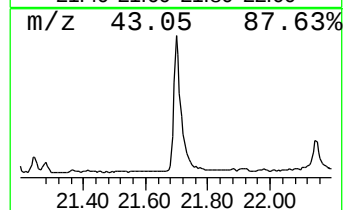
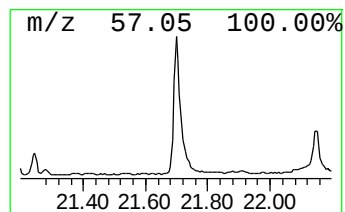
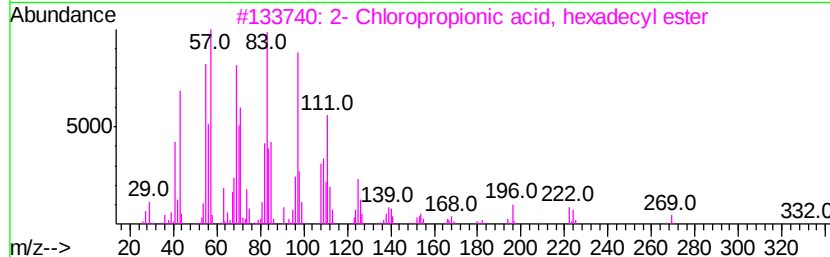
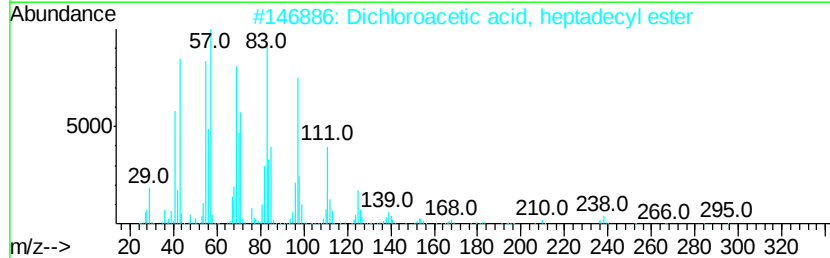
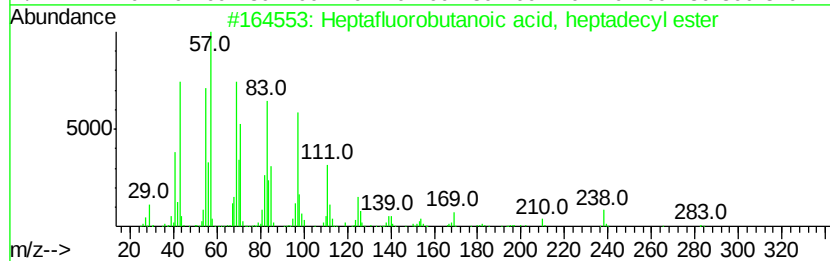
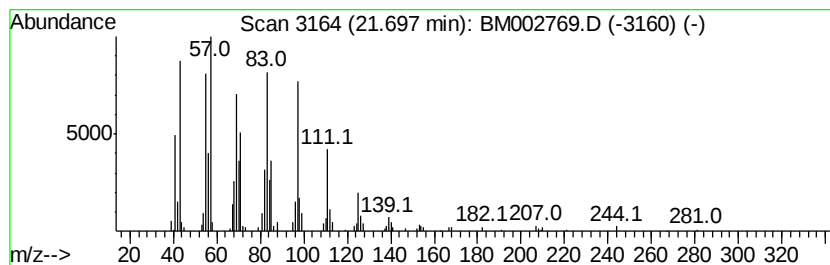
Instrument :
BNA_M
ClientSampleId :
D9G64

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 Heptafluorobutanoic acid, h... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.70	6.88 ng/ul	369519	Chrysene-d12	22.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptadecyl ...	452	C21H35F7O2	1000282-97-3	94
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
3		2- Chloropropionic acid, hexadecyl ...	332	C19H37ClO2	086711-81-1	91
4		Trifluoroacetic acid, n-octadecyl ...	366	C20H37F3O2	079392-43-1	91
5		Heptafluorobutyric acid, n-octadecyl ...	466	C22H37F7O2	000400-57-7	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
Data File : BM002769.D
Acq On : 30 Sep 2015 05:19
Operator : UM/IZ
Sample : G3798-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9G64

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	13.4	ng/ul	340183	1	8.70	507612	20.0
2-Pentanone, 4-hy...	5.64	3.2	ng/ul	80212	1	8.70	507612	20.0
Hexadecanoic acid...	20.17	2.2	ng/ul	119776	5	22.09	1074850	20.0
Heptafluorobutano...	21.70	6.9	ng/ul	369519	5	22.09	1074850	20.0