LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021216\
Data File : BM004251.D
Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	107735	168692	13.05%	1.227%
2	2.846	23	27	40	rVB	128193	151889	11.75%	1.105%
3	6.328	613	619	625	rBB	195363	295388	22.85%	2.149%
4	6.828	697	704	713	rBB	73759	114911	8.89%	0.836%
5	6.981	725	730	738	rBB	65032	95771	7.41%	0.697%
6	7.075	739	746	751	rBV2	37058	69320	5.36%	0.504%
7	7.181	758	764	772	rBB	87137	132217	10.23%	0.962%
8	7.645	837	843	849	rVB	112391	173126	13.39%	1.259%
9	7.775	859	865	872	rBB	144239	205465	15.89%	1.495%
10	7.857	876	879	883	rBB	12955	16899	1.31%	0.123%
11	8.363	959	965	974	rBB	96932	151635	11.73%	1.103%
12	8.804	1034	1040	1047	rBV	78486	122272	9.46%	0.889%
13	8.875	1047	1052	1059	rVB	31643	45510	3.52%	0.331%
14	9.522	1157	1162	1169	rBB	67331	103160	7.98%	0.750%
15	9.798	1203	1209	1212	rBV	23173	34732	2.69%	0.253%
16	9.845	1212	1217	1223	rVB	86693	136411	10.55%	0.992%
17	9.975	1235	1239	1244	rBB2	7725	10612	0.82%	0.077%
18	10.063	1248	1254	1264	rBB	102097	164357	12.71%	1.196%
19	10.433	1310	1317	1323	rBV	165105	269649	20.86%	1.962%
20	10.574	1336	1341	1354	rBV	54378	92371	7.15%	0.672%
21	13.615	1853	1858	1864	rBB	60537	80964	6.26%	0.589%
22	13.715	1869	1875	1879	rBV	200395	273133	21.13%	1.987%
23	13.762	1879	1883	1889	rVB	99767	130718	10.11%	0.951%
24	13.821	1889	1893	1896	rBB2	9295	10560	0.82%	0.077%
25	13.992	1916	1922	1927	rBV	214972	318846	24.66%	2.319%
26	14.033	1927	1929	1933	rVB	22648	25959	2.01%	0.189%
27	14.145	1942	1948	1951	rBB3	5752	8499	0.66%	0.062%
28	14.204	1954	1958	1962	rBB2	11654	15289	1.18%	0.111%
29	14.304	1969	1975	1982	rBB2	227172	352455	27.26%	2.564%
30	14.539	2010	2015	2024	rBV4	29225	70909	5.48%	0.516%
31	14.739	2045	2049	2059	rVV	39726	54779	4.24%	0.398%
32	14.827	2059	2064	2068	rVB3	9012	11240	0.87%	0.082%
33	15.157	2115	2120	2124	rVB	18037	21101	1.63%	0.154%
34	15.304	2139	2145	2151	rBB	274809	383785	29.69%	2.792%

LSC Area Percent Report

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Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

35	15.439	2164	2168	2176	rBB	52567	70835	5.48%	0.515%
36	15.539	2181	2185	2189	rBV3	16621	23291	1.80%	0.169%
37	15.592	2189	2194	2199	rVB	65943	93245	7.21%	0.678%
38	15.868	2236	2241	2243	rBV3	5428	8356	0.65%	0.061%
39	16.021	2261	2267	2272	rBV2	20752	34427	2.66%	0.250%
40	16.074	2272	2276	2280	rVB2	10316	15412	1.19%	0.112%
41	16.468	2338	2343	2350	rBV	7942	12773	0.99%	0.093%
42	16.639	2368	2372	2378	rVV2	17047	24044	1.86%	0.175%
43	16.815	2397	2402	2405	rBV	12999	16475	1.27%	0.120%
44	16.862	2405	2410	2415	rVB3	4057	8650	0.67%	0.063%
45	17.056	2433	2443	2449	rVV2	253826	358730	27.75%	2.610%
46	17.156	2454	2460	2470	rVV	274025	381229	29.49%	2.773%
47	17.439	2502	2508	2513	rBV2	3592	7845	0.61%	0.057%
48	17.550	2523	2527	2532	rVB2	5519	7131	0.55%	0.052%
49	17.698	2549	2552	2562	rVB5	7006	15275	1.18%	0.111%
50	17.909	2582	2588	2592	rBV2	17880	25200	1.95%	0.183%
51	17.956	2592	2596	2601	rBV2	44663	66163	5.12%	0.481%
52	18.003	2601	2604	2607	rVB2	7654	10207	0.79%	0.074%
53	18.145	2619	2628	2638	rBV6	23561	94154	7.28%	0.685%
54	18.250	2641	2646	2647	rBV2	21773	30733	2.38%	0.224%
55	18.286	2648	2652	2655	rVV2	28198	42831	3.31%	0.312%
56	18.362	2662	2665	2668	rVB3	36091	40591	3.14%	0.295%
57	18.486	2677	2686	2692	rBV8	33437	115124	8.90%	0.837%
58	18.639	2706	2712	2717	rBV5	33681	60802	4.70%	0.442%
59	18.727	2725	2727	2731	rVB3	19194	20747	1.60%	0.151%
60	18.821	2739	2743	2748	rBV	38825	48962	3.79%	0.356%
61	18.880	2748	2753	2758	rBV	39634	53606	4.15%	0.390%
62	18.956	2763	2766	2775	rVB4	8817	14860	1.15%	0.108%
63	19.050	2775	2782	2784	rBV4	5157	10477	0.81%	0.076%
64	19.097	2785	2790	2792	rBV3	6610	10647	0.82%	0.077%
65	19.127	2792	2795	2798	rBV2	29616	39737	3.07%	0.289%
66	19.186	2798	2805	2812	rVB	984627	1277386	98.81%	9.292%
67	19.250	2812	2816	2824	rVB5	28141	62515	4.84%	0.455%
68	19.344	2828	2832	2836	rVB5	15618	20401	1.58%	0.148%
69	19.392	2836	2840	2843	rBV5	8612	11662	0.90%	0.085%
70	19.468	2843	2853	2857	rBV	275484	406980	31.48%	2.961%
71	19.515	2858	2861	2866	rVB3	42138	63320	4.90%	0.461%

LSC Area Percent Report

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Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

72	19.556	2866	2868	2870	rBV2	10130	11247	0.87%	0.082%
73	19.580	2870	2872	2879	rVB3	21546	38091	2.95%	0.277%
74	19.639	2879	2882	2885	rBV3	8688	11808	0.91%	0.086%
75	19.697	2885	2892	2898	rBV5	48470	105733	8.18%	0.769%
76	19.786	2904	2907	2912	rVB3	21189	28560	2.21%	0.208%
77	19.856	2914	2919	2924	rBV	58879	89618	6.93%	0.652%
78	19.909	2924	2928	2932	rBV2	22124	29035	2.25%	0.211%
79	19.974	2935	2939	2942	rBV	37881	45202	3.50%	0.329%
80	20.009	2942	2945	2948	rVB3	28497	30617	2.37%	0.223%
81	20.068	2948	2955	2959	rBV4	24980	51514	3.98%	0.375%
82	20.168	2968	2972	2980	rVB	63723	96053	7.43%	0.699%
83	20.250	2983	2986	2990	rBV	25048	41022	3.17%	0.298%
84	20.315	2991	2997	3002	rVB	178586	270724	20.94%	1.969%
85	20.450	3015	3020	3023	rBV	181022	220328	17.04%	1.603%
86	20.480	3023	3025	3028	rVV3	21342	18507	1.43%	0.135%
87	20.515	3028	3031	3037	rVB	70751	89321	6.91%	0.650%
88	20.844	3084	3087	3091	rBV2	91956	111206	8.60%	0.809%
89	20.991	3105	3112	3121	rVB	729556	1292802	100.00%	9.405%
90	21.268	3155	3159	3166	rVB2	297459	439911	34.03%	3.200%
91	21.586	3210	3213	3218	rVB	66450	78189	6.05%	0.569%
92	21.868	3257	3261	3266	rBV	106328	135092	10.45%	0.983%
93	22.850	3424	3428	3436	rVB2	53237	97576	7.55%	0.710%
94	23.362	3508	3515	3524	rVB	220395	397520	30.75%	2.892%
95	23.503	3533	3539	3548	rVB2	196591	371076	28.70%	2.699%
96	26.291	4004	4013	4023	rVB	153656	446155	34.51%	3.246%
97	26.509	4041	4050	4060	rBV3	141071	465257	35.99%	3.385%
98	27.420	4198	4205	4212	rBV6	27020	79241	6.13%	0.576%
99	27.779	4257	4266	4276	rBV7	53935	192041	14.85%	1.397%
100	28.067	4301	4315	4332	rVB5	114696	545648	42.21%	3.969%

Sum of corrected areas: 13746541

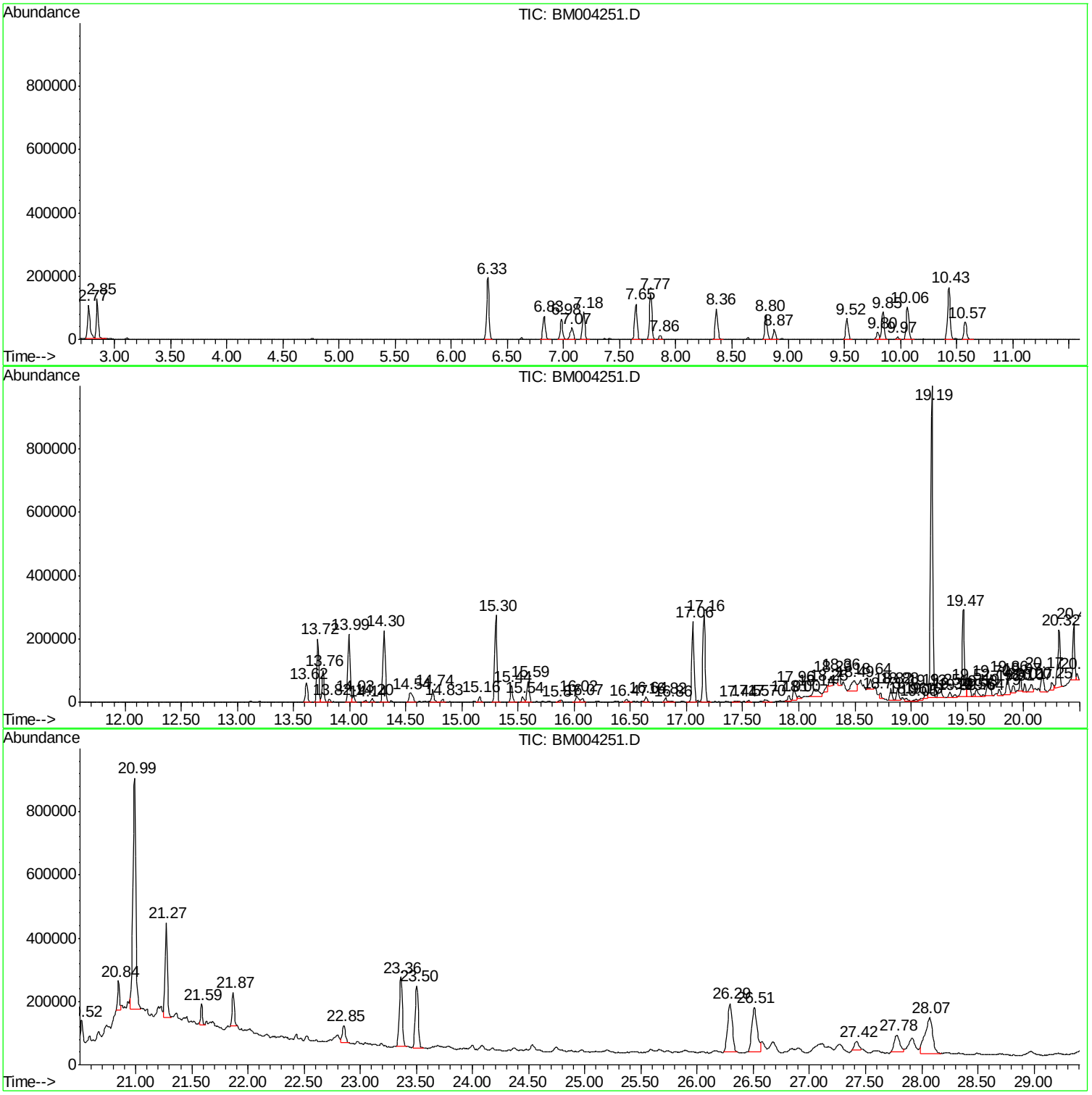
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021216\
Data File : BM004251.D
Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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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Data File : BM004251.D
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Misc :
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Instrument : BNA_M
ClientSampleId : D9QD6

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

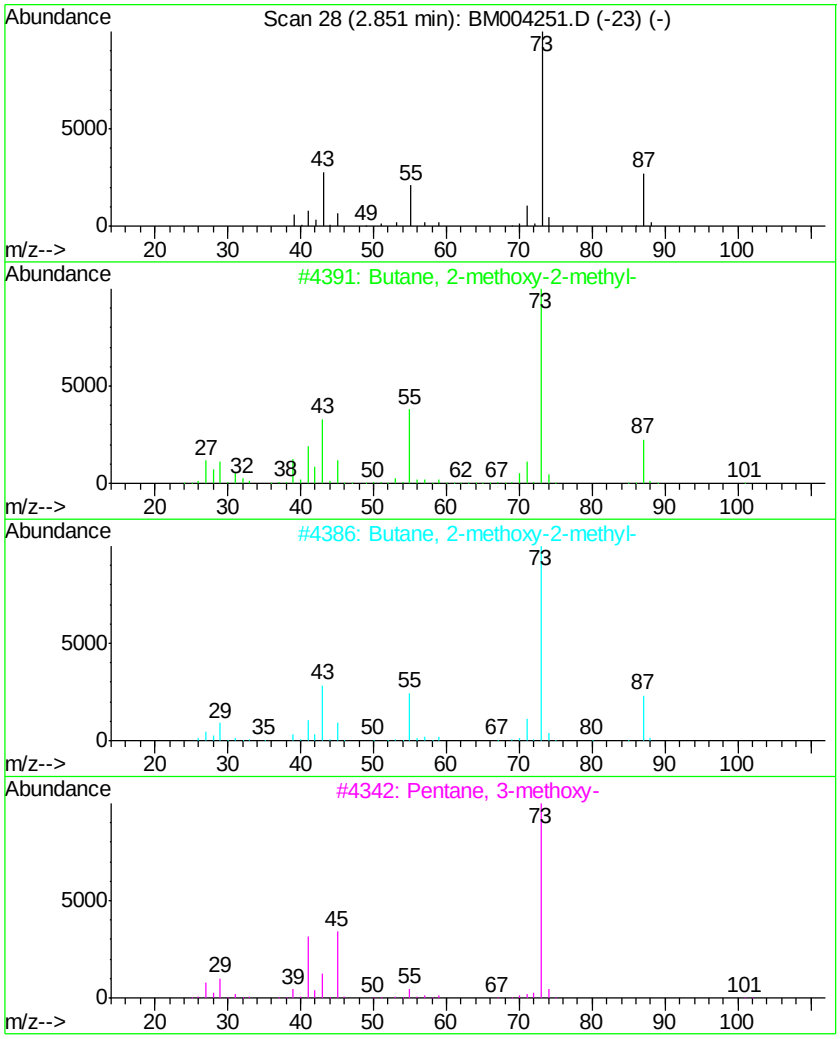
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

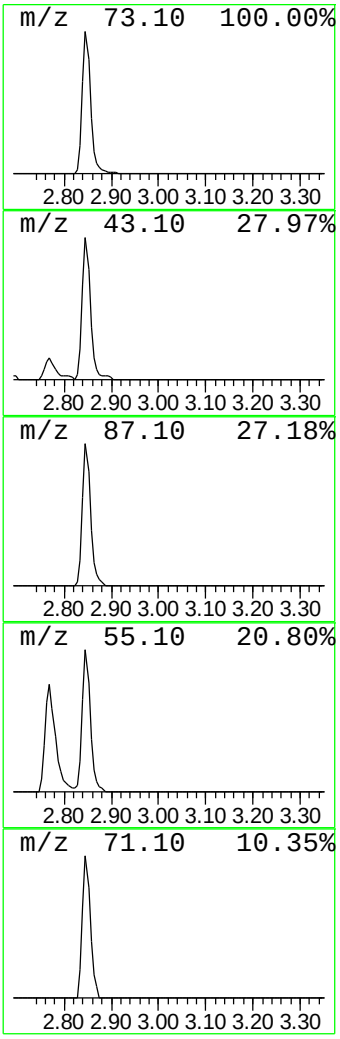
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	17.55 ng/ul	151889	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	74
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021216\
Data File : BM004251.D
Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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

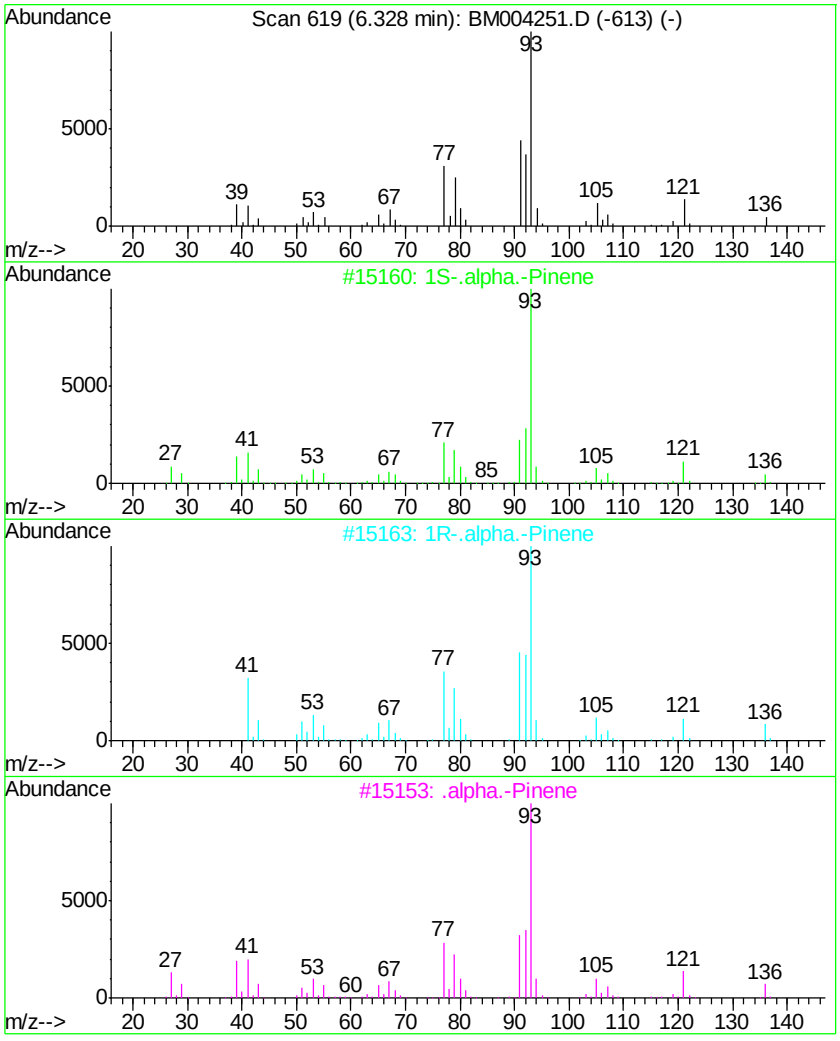
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

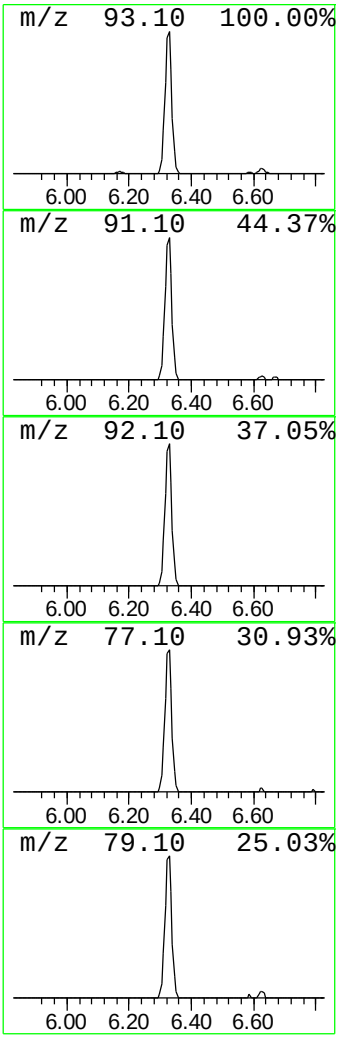
****

Peak Number 3 1S-.alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	34.12 ng/ul	295388	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1S-.alpha.-Pinene	136	C10H16	007785-26-4	97
2	1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
3	.alpha.-Pinene	136	C10H16	000080-56-8	94
4	1R-.alpha.-Pinene	136	C10H16	007785-70-8	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021216\
Data File : BM004251.D
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Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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

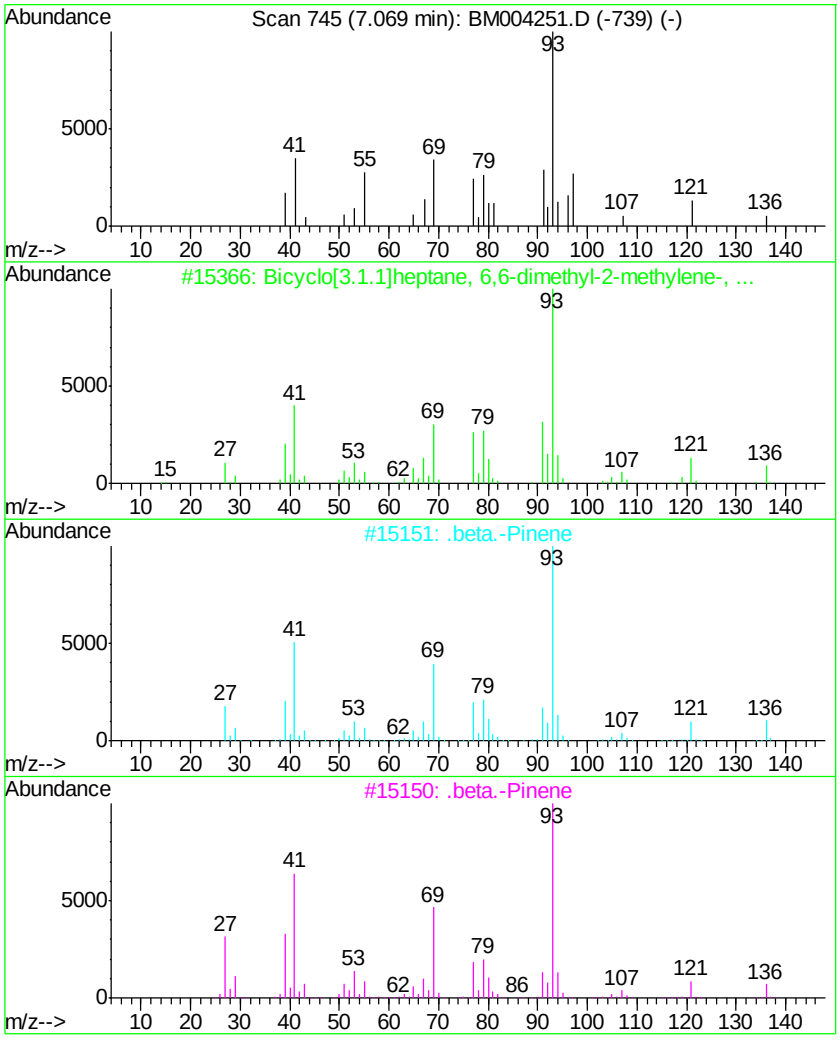
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

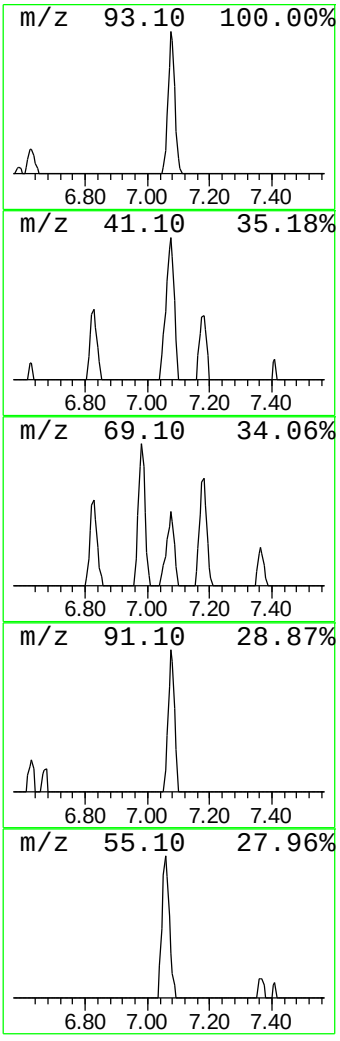
****

Peak Number 4 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	8.01 ng/ul	69320	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	94
2	.beta.-Pinene	136	C10H16	000127-91-3	91
3	.beta.-Pinene	136	C10H16	000127-91-3	91
4	.beta.-Pinene	136	C10H16	000127-91-3	91
5	.beta.-Pinene	136	C10H16	000127-91-3	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021216\
Data File : BM004251.D
Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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

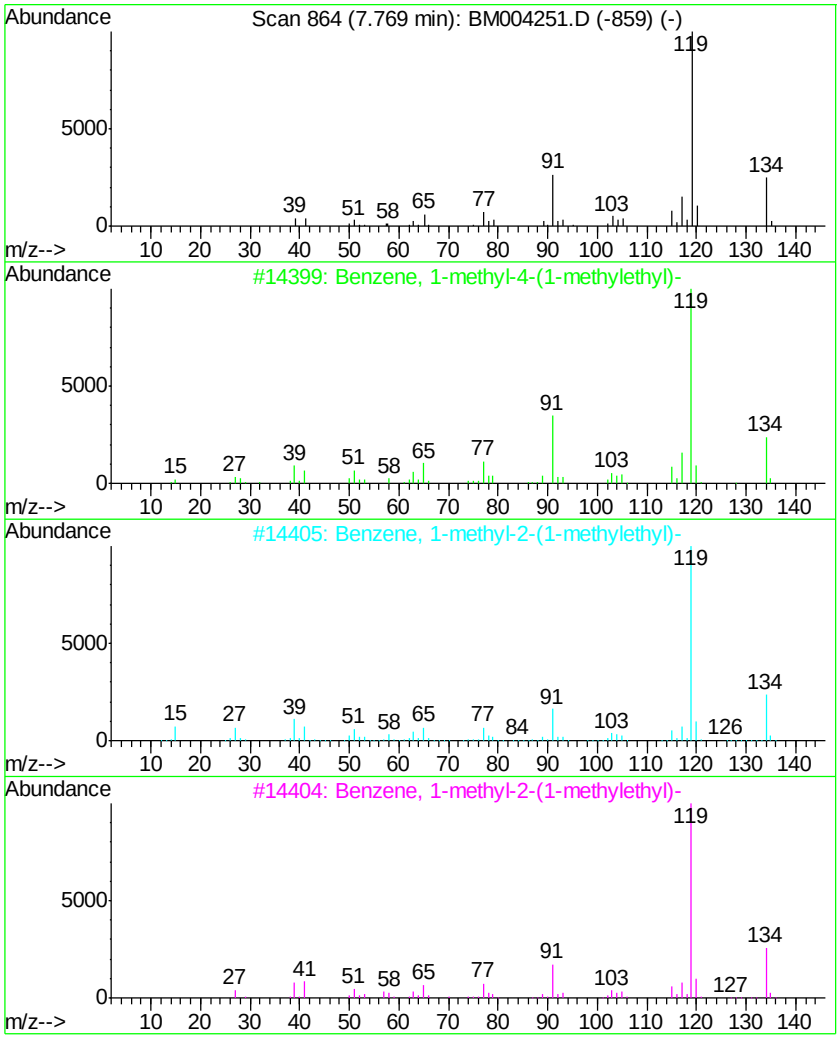
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

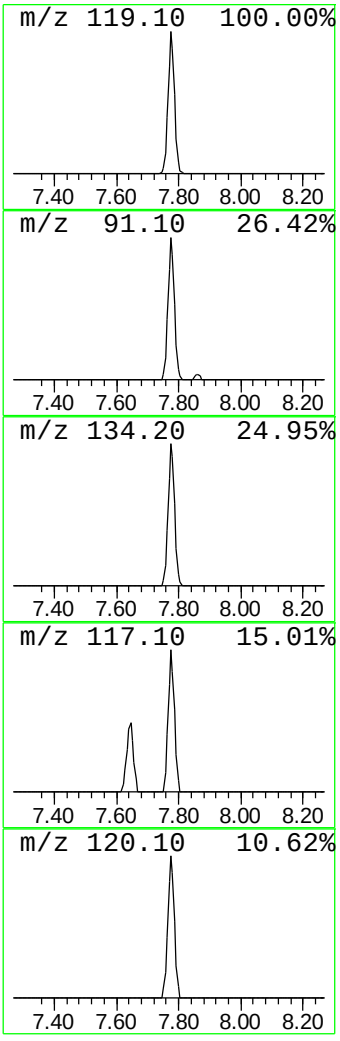
****

Peak Number 5 Benzene, 1-methyl-4-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	23.74 ng/ul	205465	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

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Data File : BM004251.D
Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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

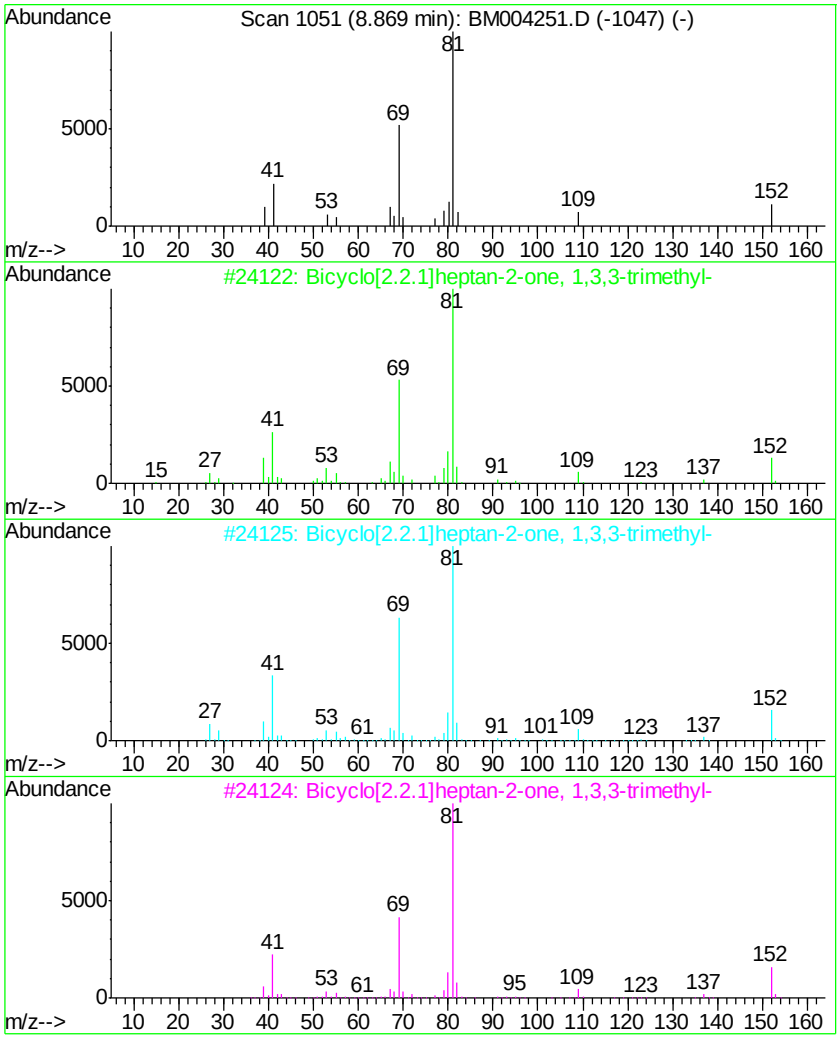
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

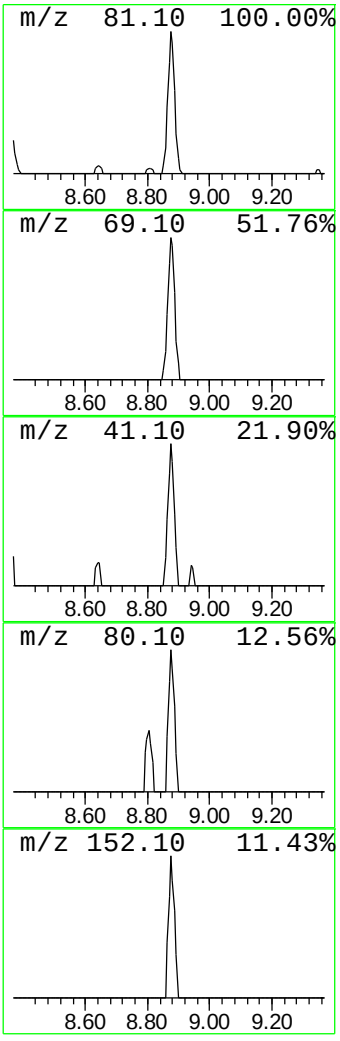
****

Peak Number 6 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	5.26 ng/ul	45510	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	91
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	90
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	90
4	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	87
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	86





Library Search Compound Report

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Data File : BM004251.D
Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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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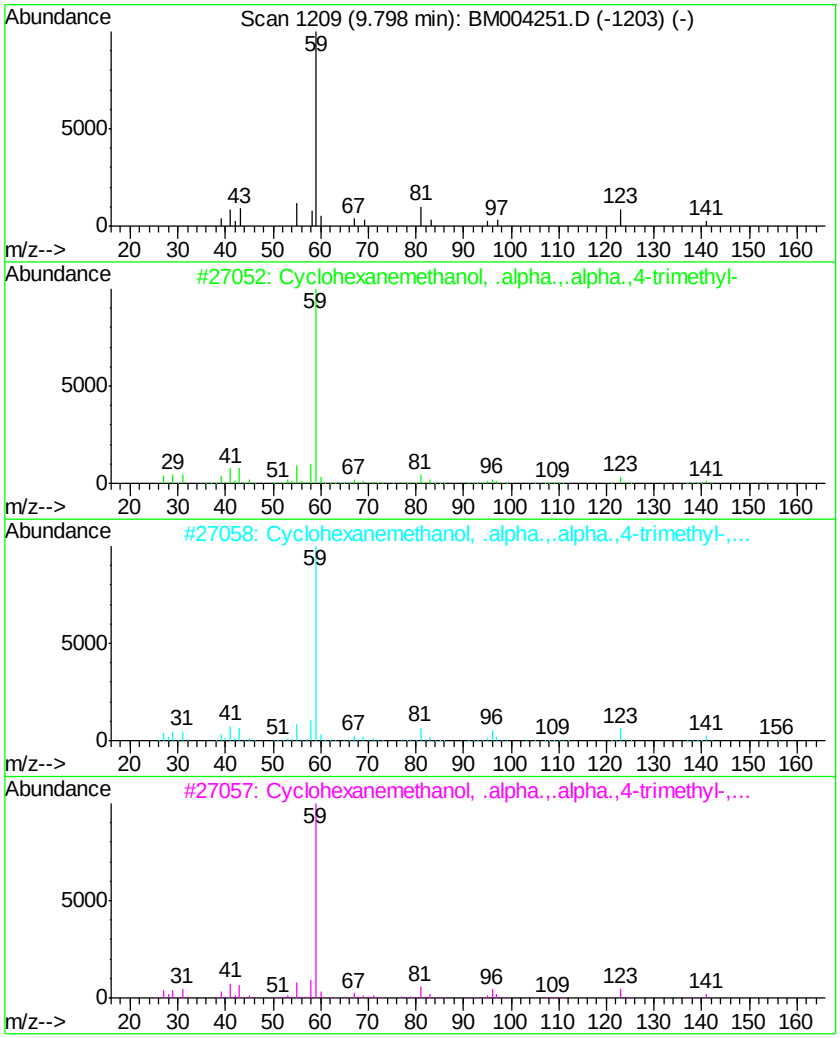
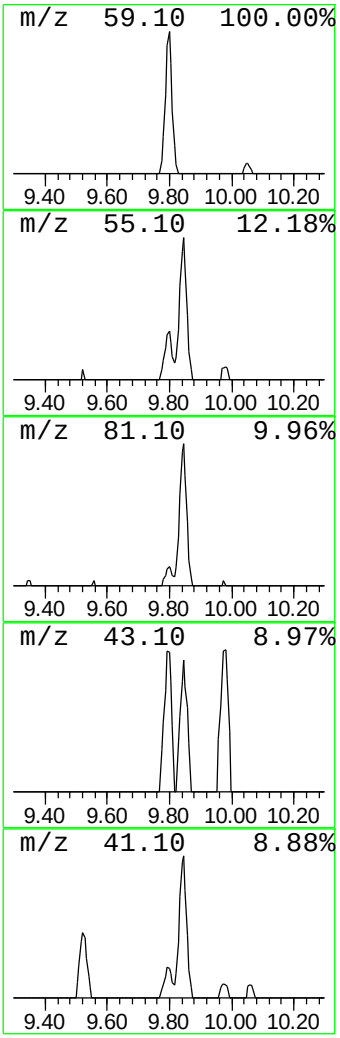
Peak Number 7 Cyclohexanemethanol, .alpha... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	2.58 ng/ul	34732	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	83
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	78
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	78
4	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	64
5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	50





Library Search Compound Report

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Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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Quant Title : SVOA CALIBRATION

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

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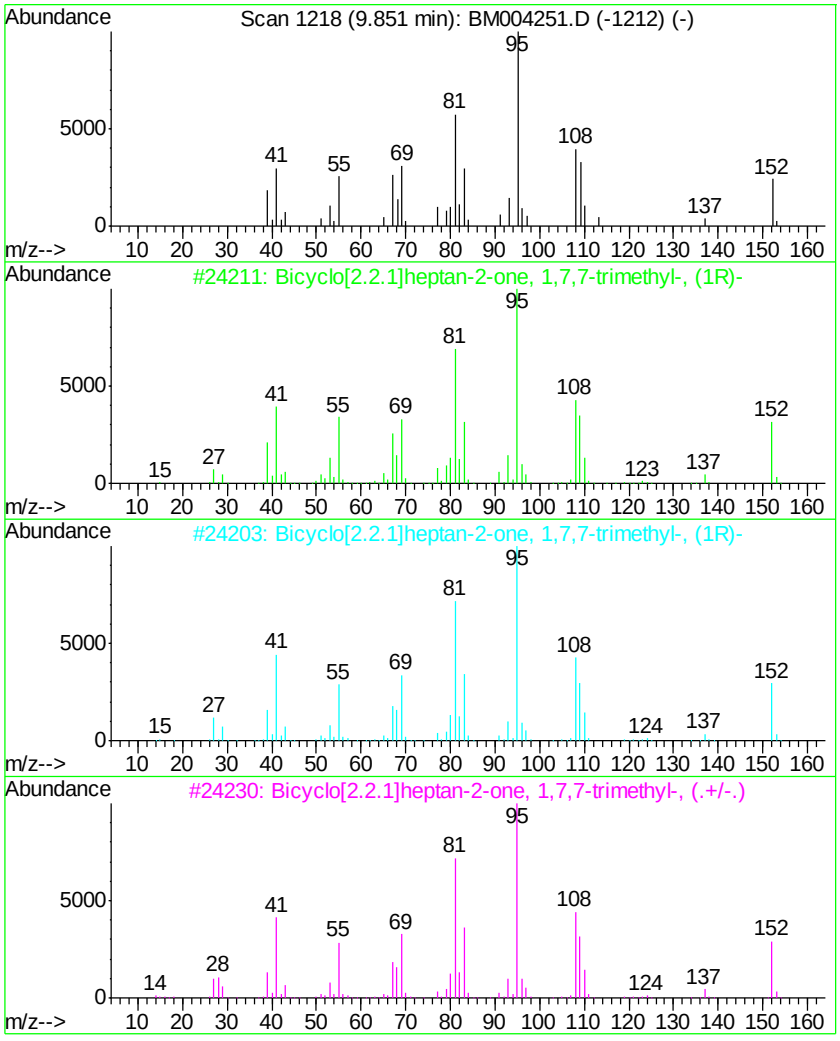
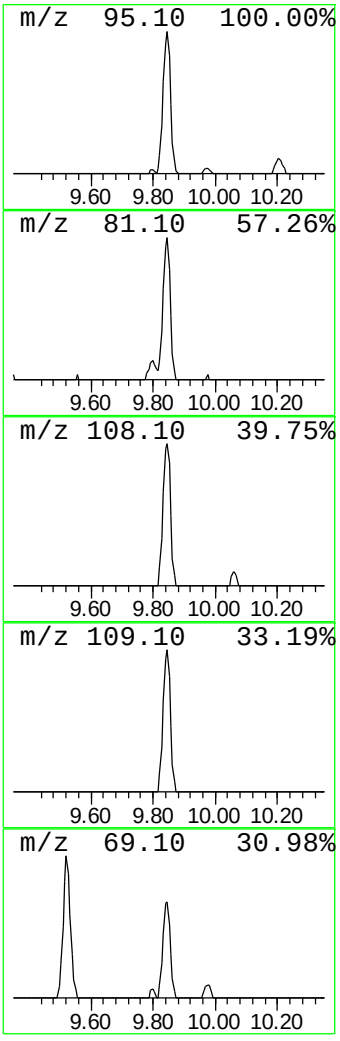
Peak Number 8 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	10.12 ng/ul	136411	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	98
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	97
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	97
4	Camphor	152	C10H16O	000076-22-2	97
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	96





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Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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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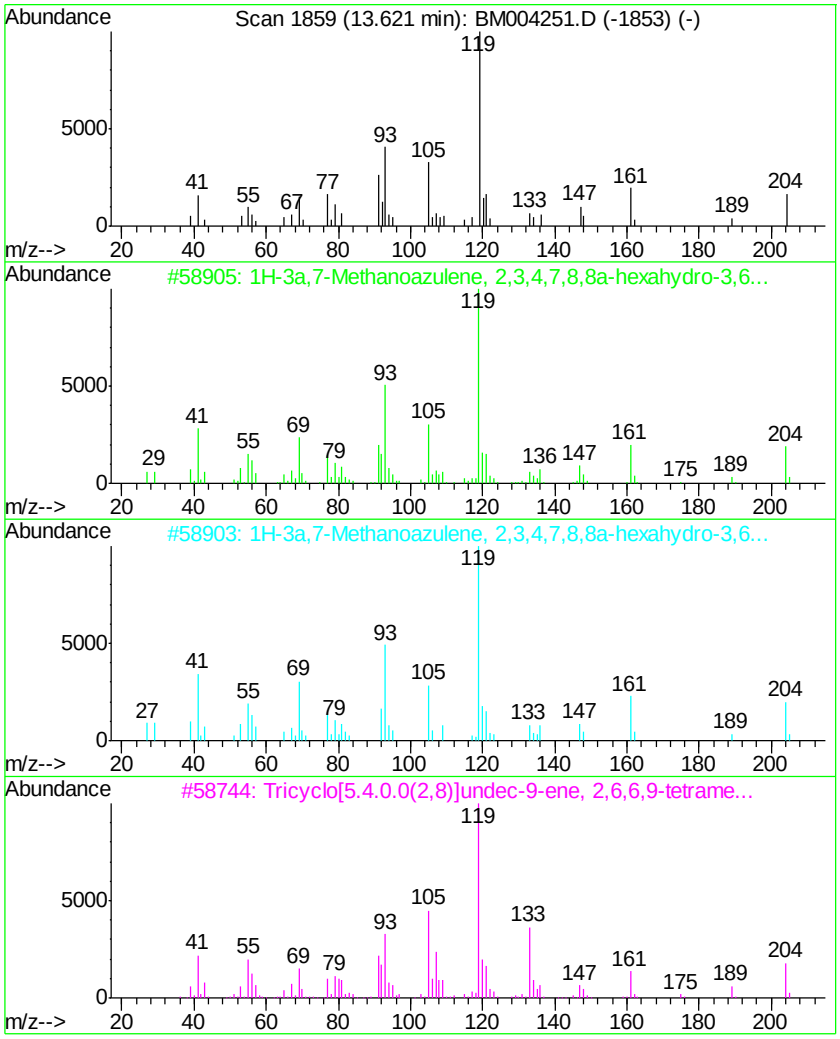
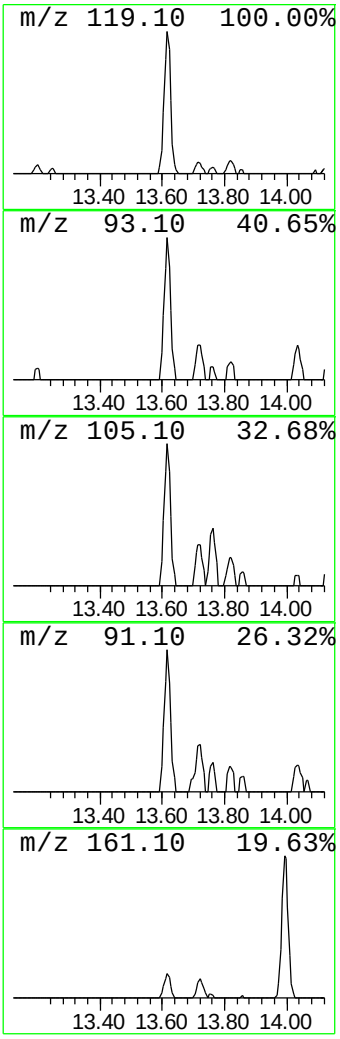
Peak Number 9 1H-3a,7-Methanoazulene, 2,3... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	4.59 ng/ul	80964	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	99
2	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	98
3	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	59
4	Benzene, 1-(1,5-dimethylhexyl)-4...	204	C15H24	001461-02-5	46
5	Di-epi-.alpha.-cedrene	204	C15H24	1000156-13-3	38





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Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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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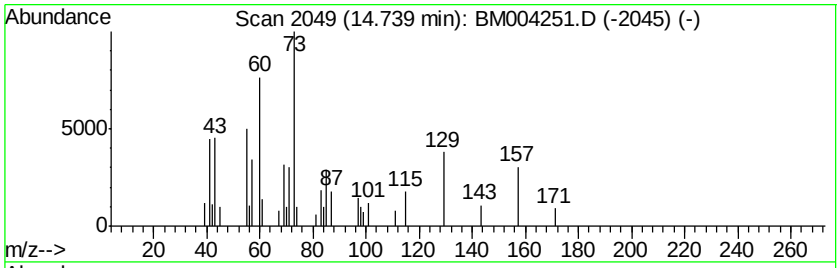
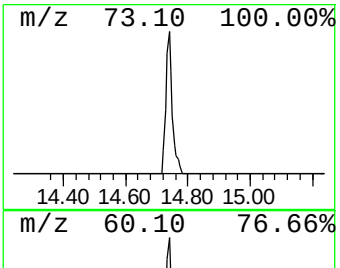
Peak Number 10 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	3.11 ng/ul	54779	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	d-Glucohexodialdose	178	C6H10O6	1000149-19-1	43
2	Nonanoic acid	158	C9H18O2	000112-05-0	43
3	D-Glucose, 6-O-.alpha.-D-galacto...	342	C12H22O11	000585-99-9	38
4	D-Glucose, 4-O-.alpha.-D-glucopy...	342	C12H22O11	000069-79-4	38
5	Heptanoic acid	130	C7H14O2	000111-14-8	38





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Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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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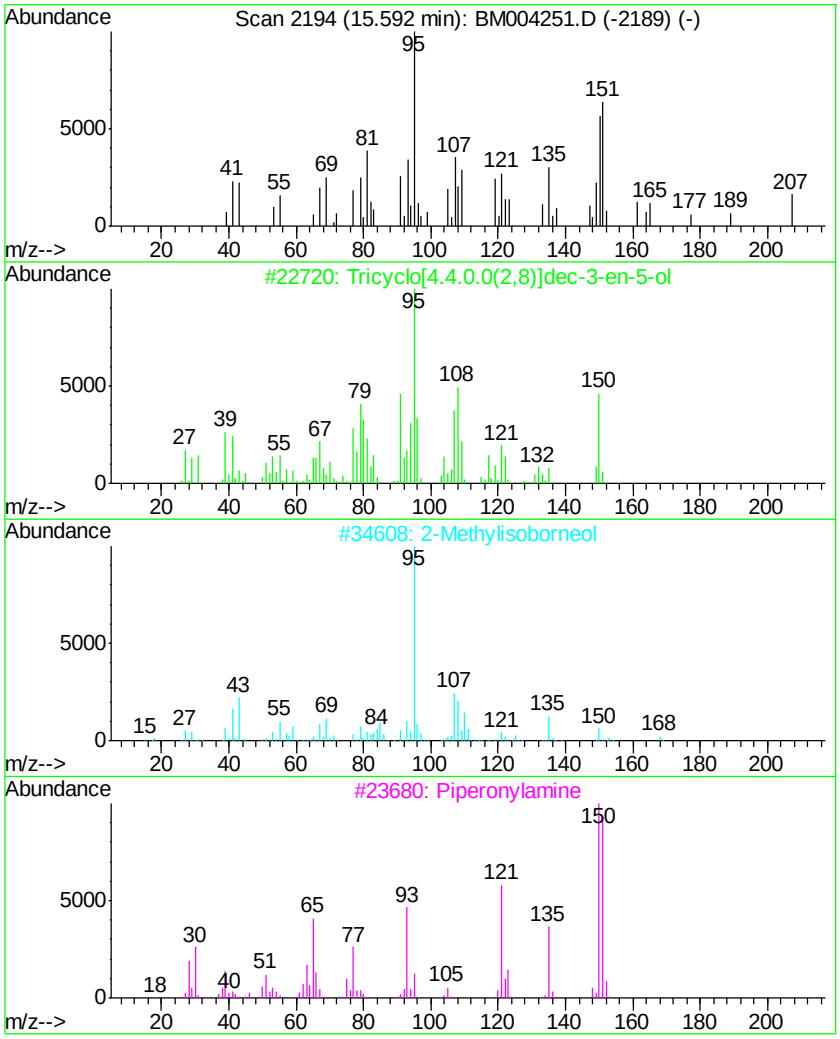
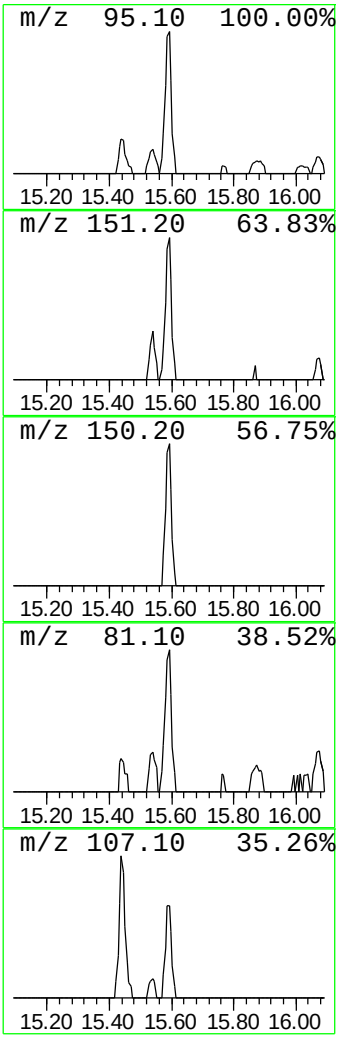
Peak Number 11 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	5.29 ng/ul	93245	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.4.0.0(2,8)]dec-3-en-5-ol	150	C10H14O	1000193-38-7	43
2	2-Methylisoborneol	168	C11H20O	002371-42-8	43
3	Piperonylamine	151	C8H9NO2	002620-50-0	38
4	2(5H)-Furanone, 4-methyl-5,5-bis...	206	C13H18O2	099202-98-9	35
5	2-Furanone, 4-methyl-5-(1-butene...	206	C13H18O2	1000154-19-4	35





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Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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Quant Title : SVOA CALIBRATION

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

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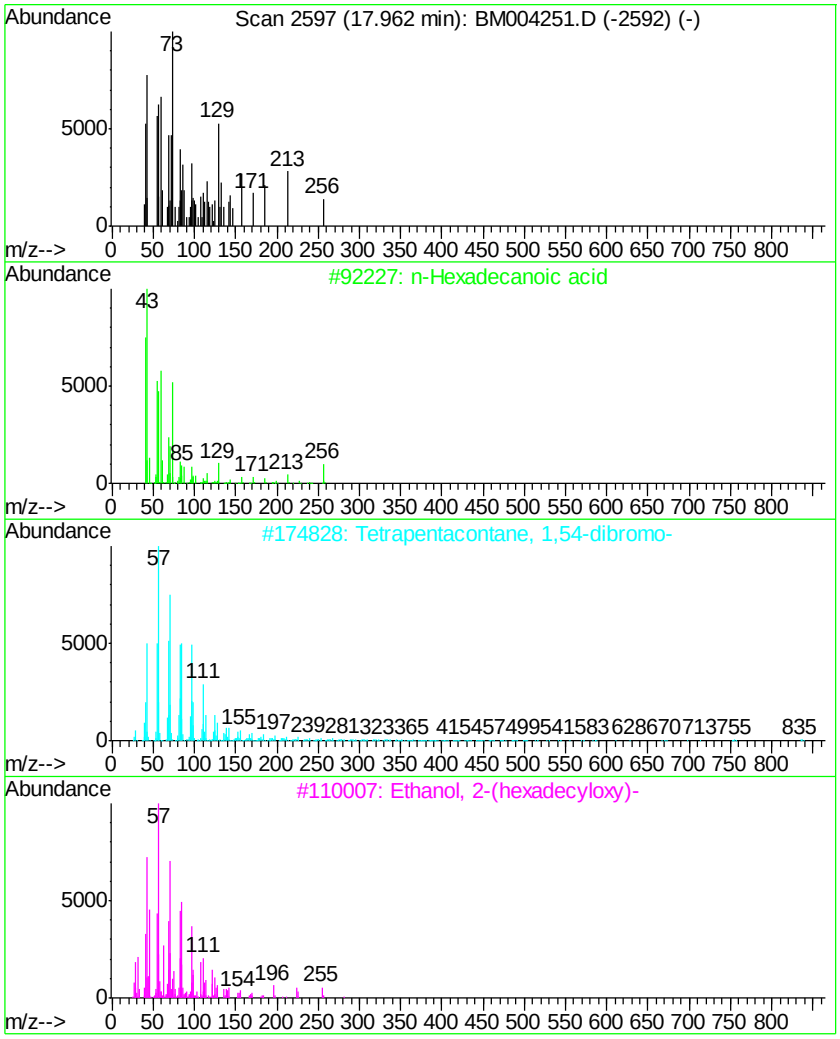
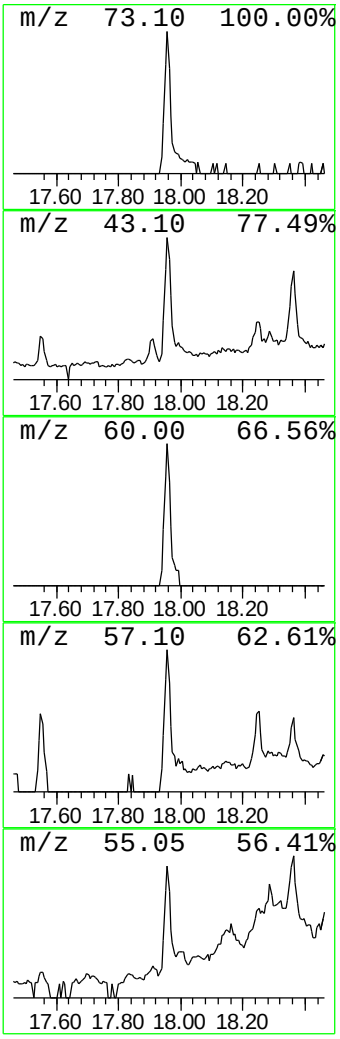
Peak Number 12 n-Hexadecanoic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.69 ng/ul	66163	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
2	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	20
3	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	18
4	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	18
5	1-Hexadecanol, acetate	284	C18H36O2	000629-70-9	11





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Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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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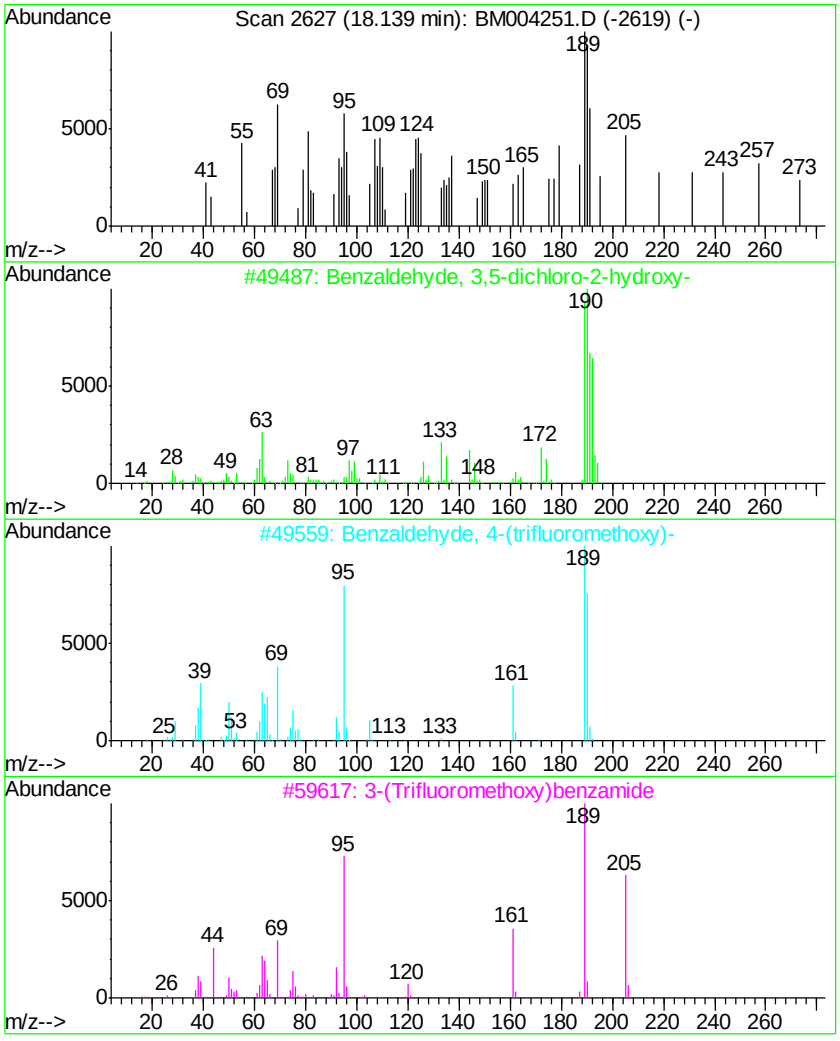
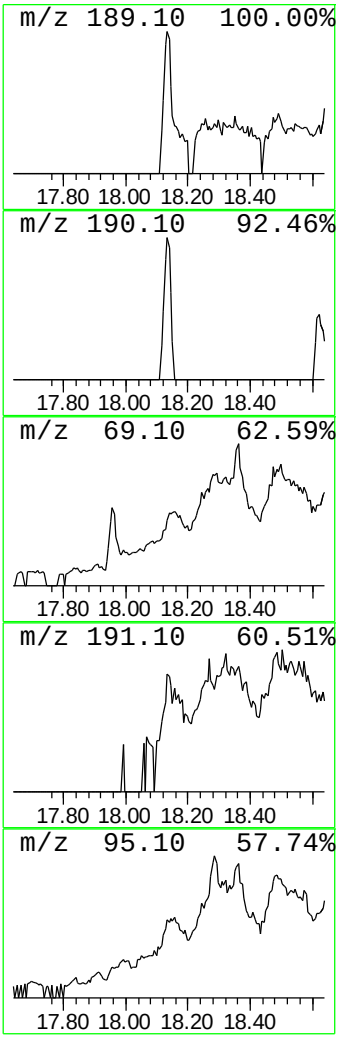
Peak Number 13 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	5.25 ng/ul	94154	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	22
2	Benzaldehyde, 4-(trifluoromethoxy)-	190	C8H5F3O2	000659-28-9	22
3	3-(Trifluoromethoxy)benzamide	205	C8H6F3NO2	000658-91-3	22
4	3-(Trifluoromethoxy)benzaldehyde	190	C8H5F3O2	052771-21-8	12
5	Longifolenaldehyde	220	C15H24O	019890-84-7	11





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Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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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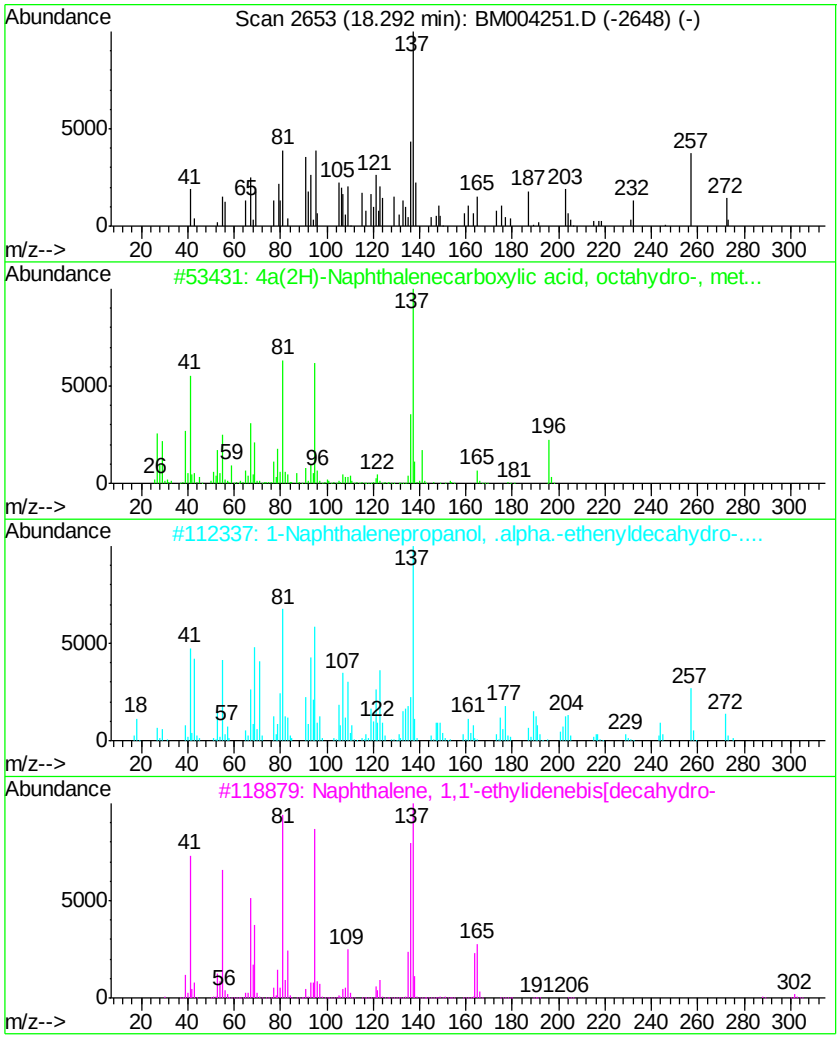
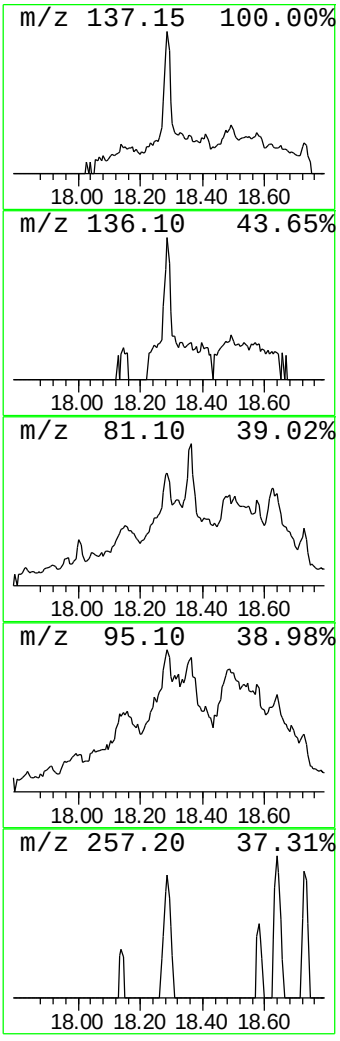
Peak Number 14 unknown-04 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.39 ng/ul	42831	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4a(2H)-Naphthalenecarboxylic aci...	196	C12H20O2	062338-25-4	43
2	1-Naphthalenepropanol, .alpha.-e...	290	C20H34O	001438-62-6	40
3	Naphthalene, 1,1'-ethylidenebis[...	302	C22H38	054934-70-2	38
4	3-Hexen-1-ol, 6-(2,6,6-trimethyl...	236	C16H28O	110202-07-8	32
5	(2,6,6-Trimethylcyclohex-1-enylm...	278	C16H22O2S	056691-74-8	32





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Instrument : BNA_M
ClientSampleId : D9QD6

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Quant Title : SVOA CALIBRATION

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

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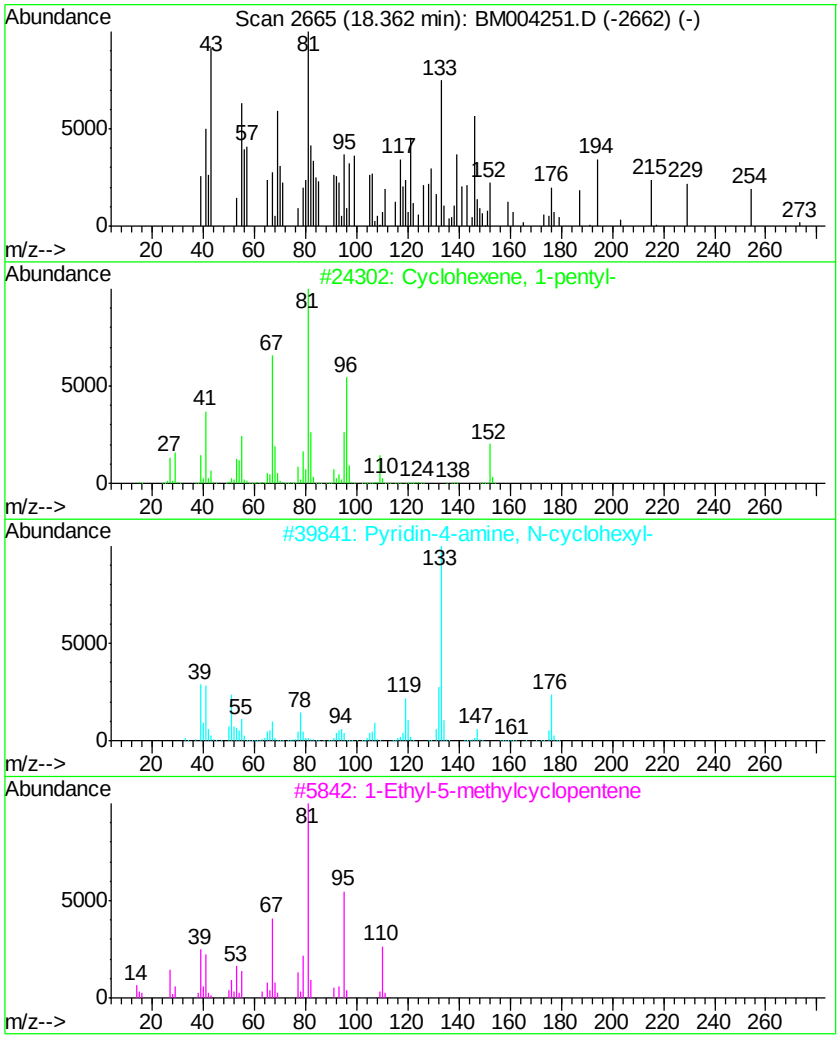
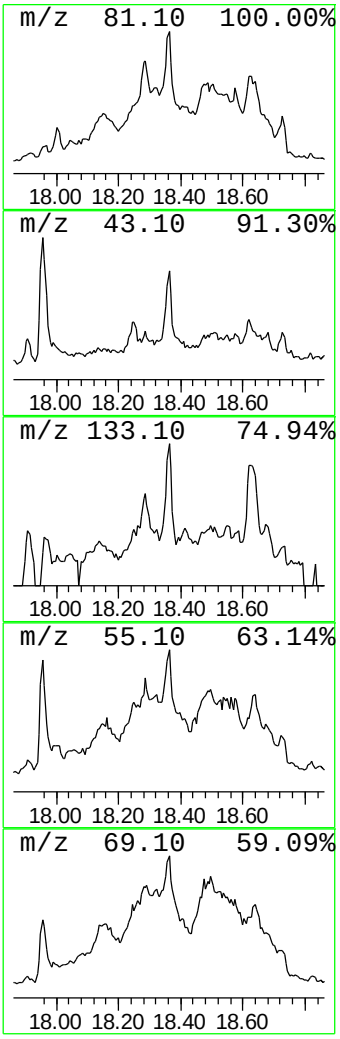
Peak Number 15 (DEL) Alkane: Branched18.36 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.26 ng/ul	40591	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	14
2	Pyridin-4-amine, N-cyclohexyl-	176	C11H16N2	034844-87-6	14
3	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	11
4	[1,2,4]Triazolo[1,5-a]pyridine, ...	133	C7H7N3	000768-19-4	11
5	4-Aminobutyric acid, 2-aminoacet...	176	C6H12N2O4	1000130-34-9	11





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ClientSampleId : D9QD6

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Quant Title : SVOA CALIBRATION

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

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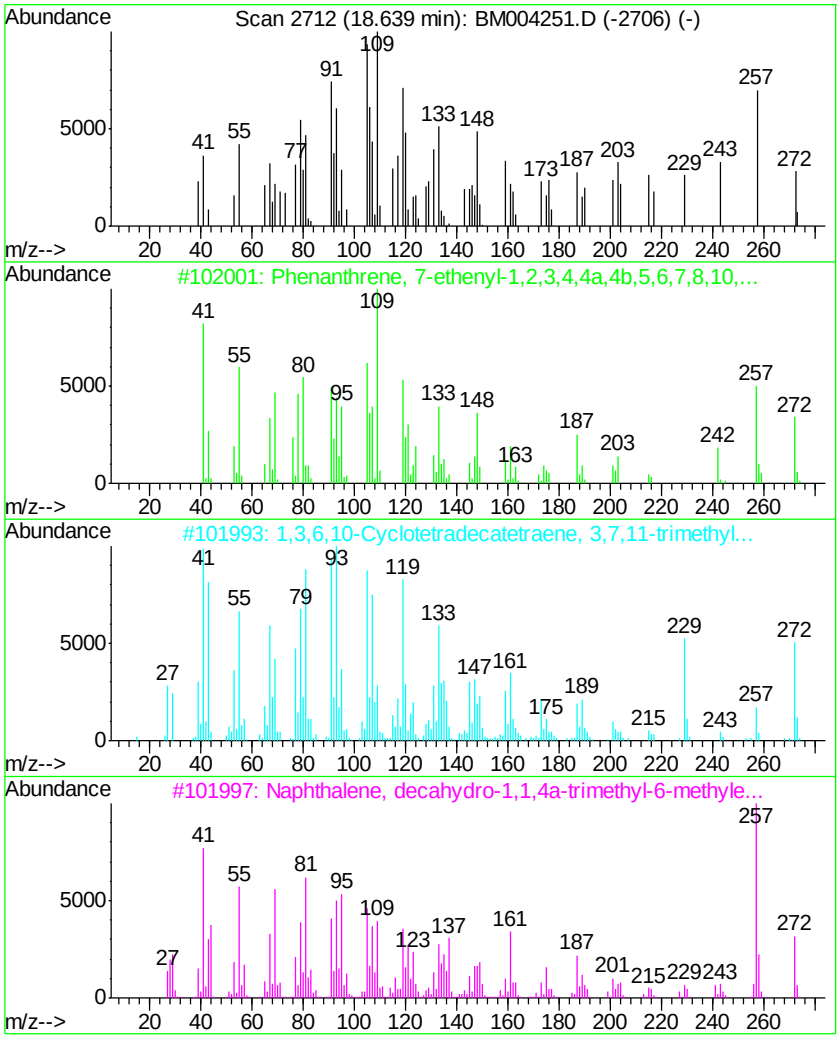
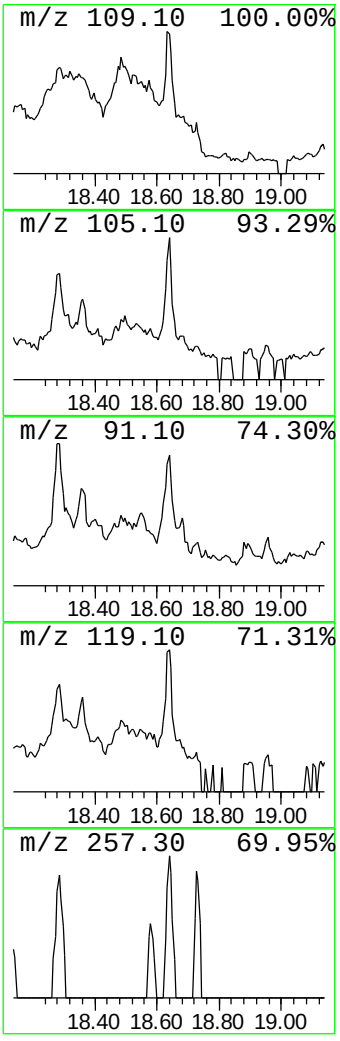
Peak Number 17 Phenanthrene, 7-ethenyl-1,2... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	3.39 ng/ul	60802	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 7-ethenyl-1,2,3,4,...	272	C20H32	001686-66-4	70
2	1,3,6,10-Cyclotetradecatetraene,...	272	C20H32	001898-13-1	50
3	Naphthalene, decahydro-1,1,4a-tr...	272	C20H32	005957-33-5	35
4	Cyclopenta[1,3]cyclopropa[1,2]cy...	190	C13H18O	091531-58-7	25
5	2,5,8- Trimethyl-1-nonen-3-yn-5-ol	180	C12H20O	208173-17-5	22





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Sample : H1414-13
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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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Quant Title : SVOA CALIBRATION

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

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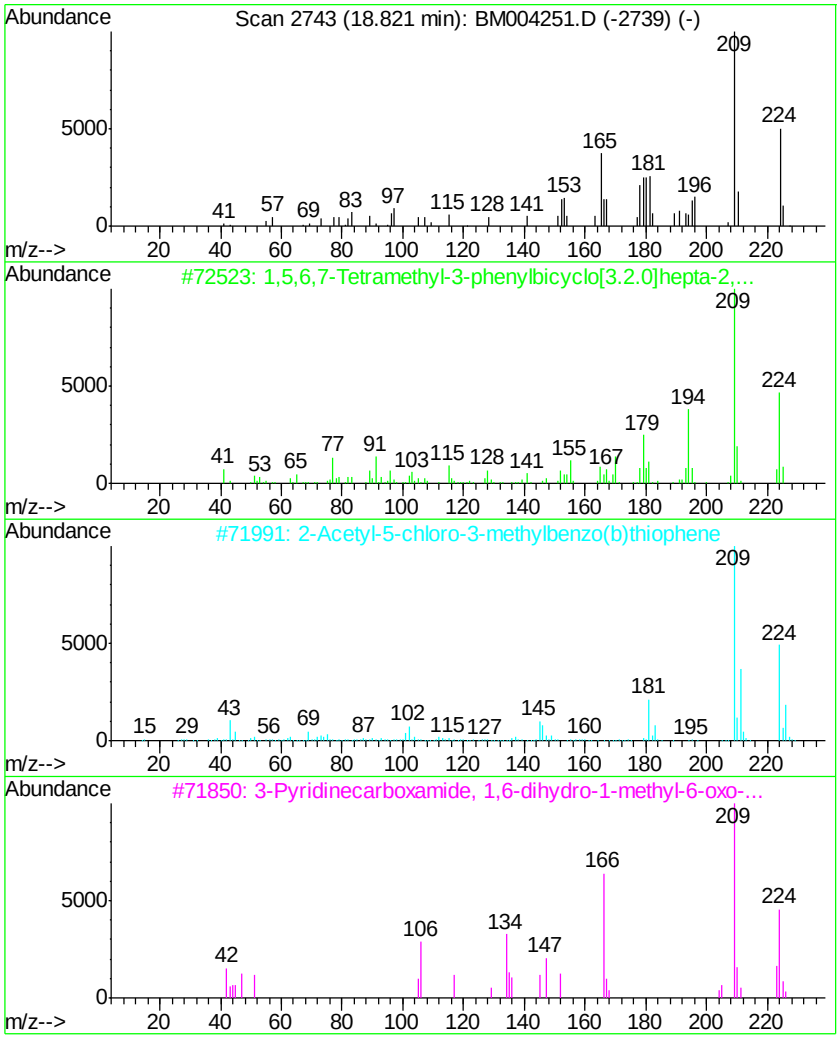
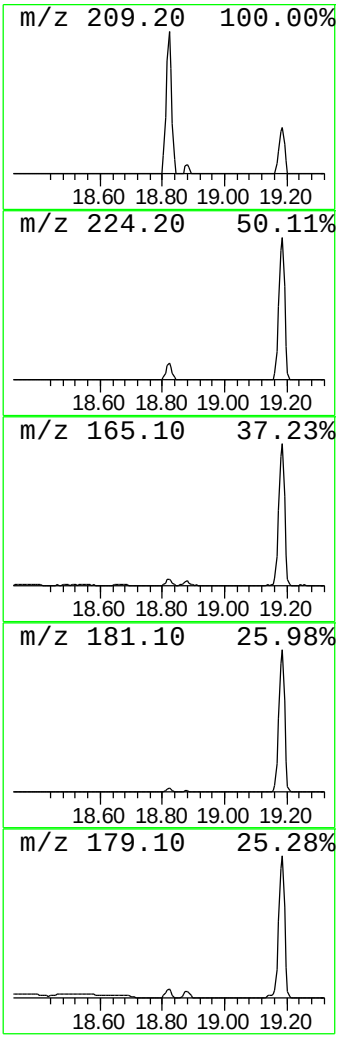
Peak Number 18 1,5,6,7-Tetramethyl-3-pheny... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.73 ng/ul	48962	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,6,7-Tetramethyl-3-phenylbicy...	224	C17H20	126584-00-7	58
2	2-Acetyl-5-chloro-3-methylbenzo(...	224	C11H9ClOS	051527-18-5	52
3	3-Pyridinecarboxamide, 1,6-dihyd...	224	C10H16N2O2Si	072403-08-8	46
4	3-(N-Methylamino)-9-methylcarbazole	210	C14H14N2	005416-98-8	43
5	1H-Isoindol-1-one, 2,3-dihydro-2...	209	C14H11NO	005388-42-1	38





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Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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

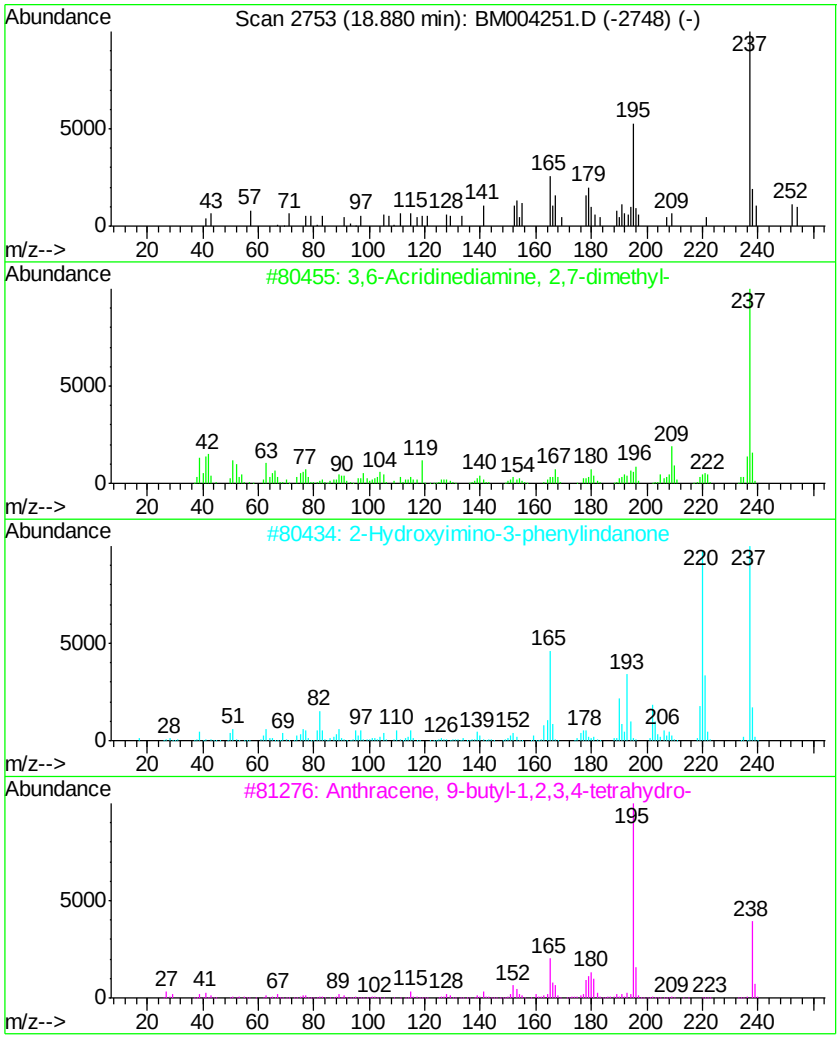
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

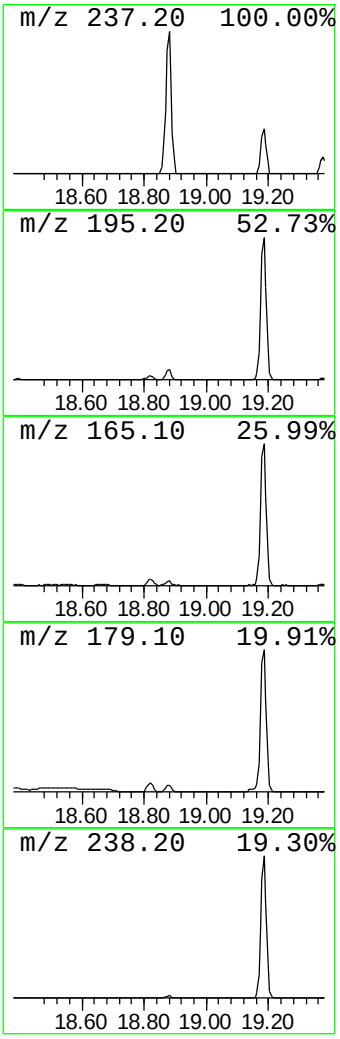
****

Peak Number 19 unknown-05 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	2.99 ng/ul	53606	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Acridinediamine, 2,7-dimethyl-	237	C15H15N3	000092-26-2	46
2	2-Hydroxyimino-3-phenylindanone	237	C15H11NO2	024273-37-8	43
3	Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1000151-39-2	38
4	2-Acetamine phenazine	237	C14H11N3O	1000132-27-5	38
5	Silane, (1-methyl-1,2-pentadien-...	252	C12H24Si3	061255-22-9	38





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Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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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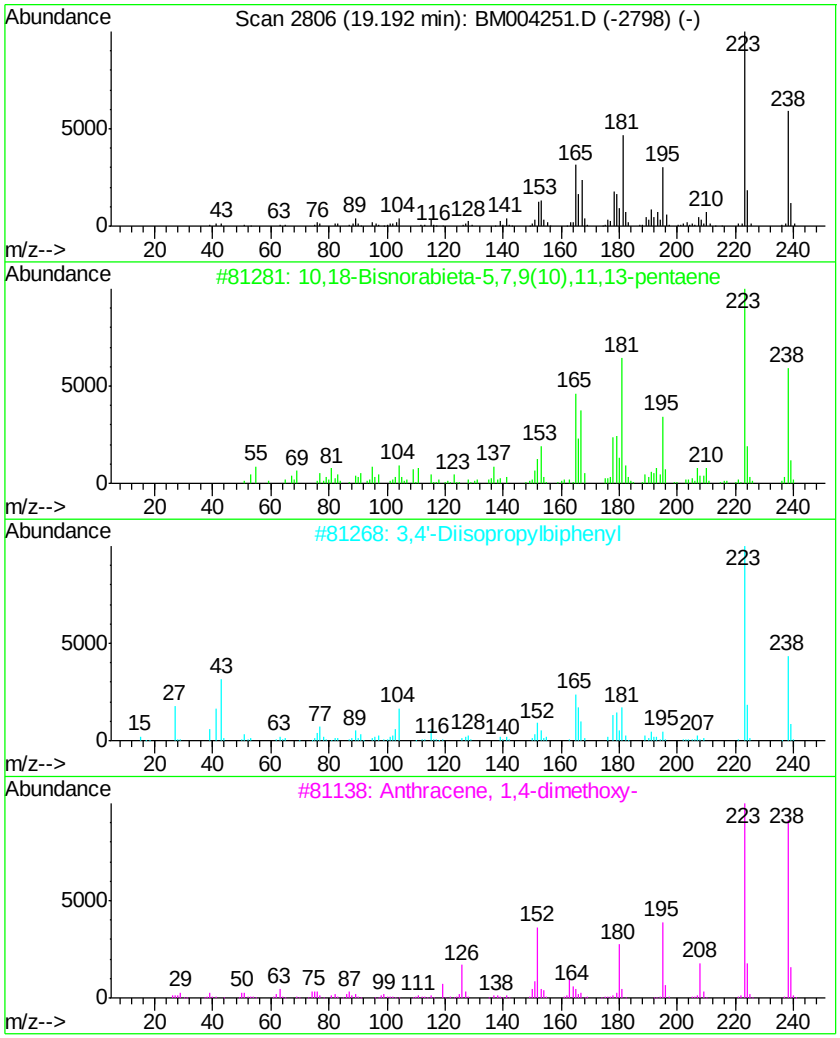
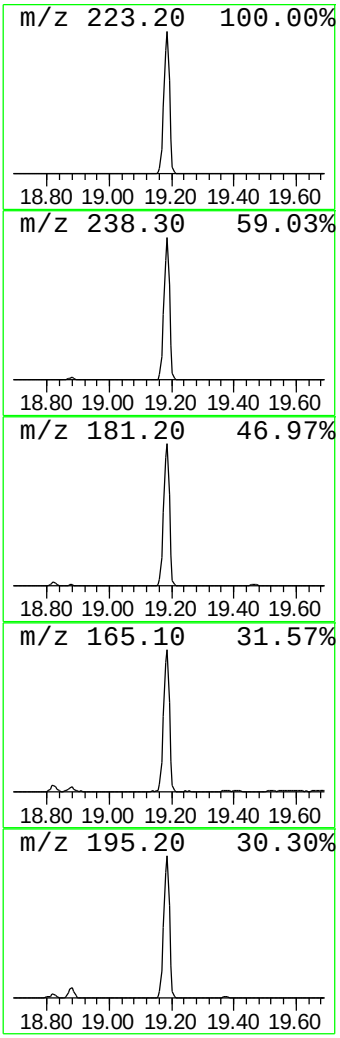
Peak Number 21 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	58.07 ng/ul	1277390	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	86
3	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	64
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	49





Library Search Compound Report

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Data File : BM004251.D
Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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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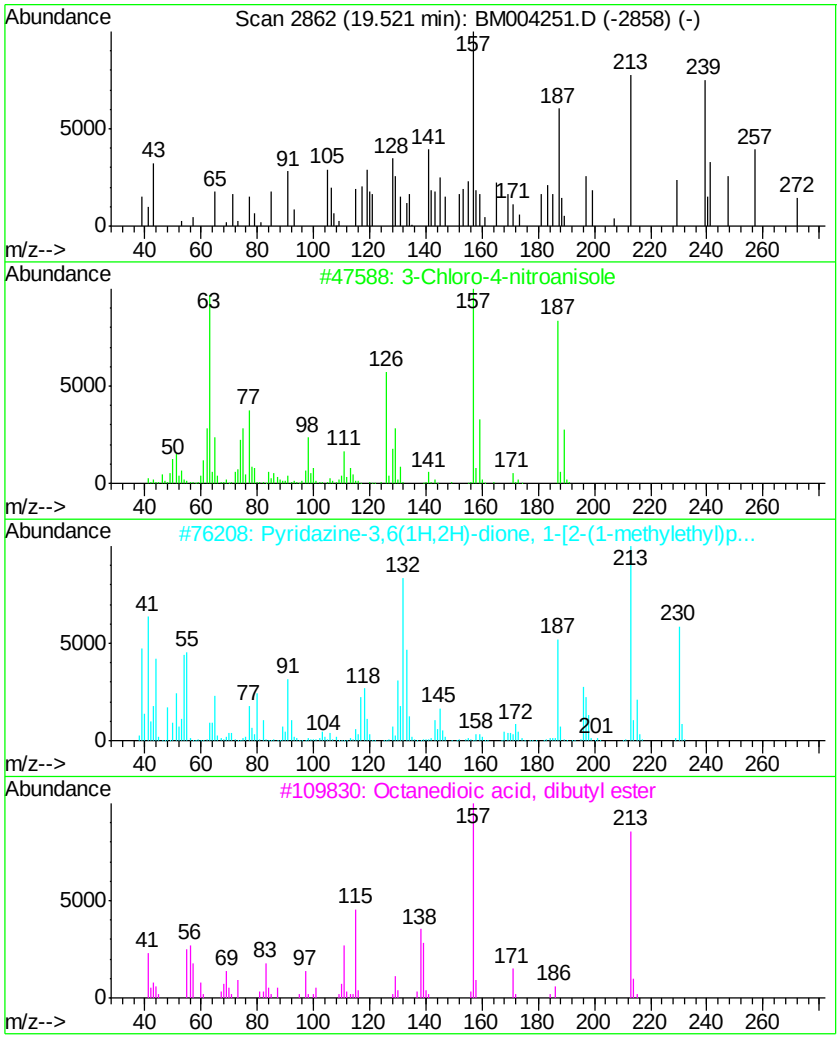
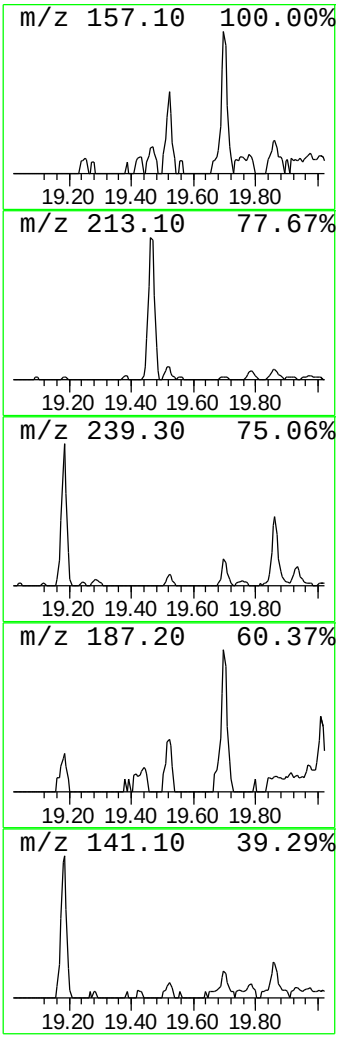
Peak Number 23 unknown-06 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	2.88 ng/ul	63320	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-4-nitroanisole	187	C7H6ClNO3	028987-59-9	25
2	Pyridazine-3,6(1H,2H)-dione, 1-[...	230	C13H14N2O2	1000272-66-5	22
3	Octanedioic acid, dibutyl ester	286	C16H30O4	016090-77-0	10
4	2H-Benz[e]indol-2-one, 1,3,3a,4,...	187	C12H13NO	032940-67-3	10
5	As-Indacen-1(2H)-one, 3,6,7,8-te...	228	C16H20O	055591-18-9	10





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Data File : BM004251.D
Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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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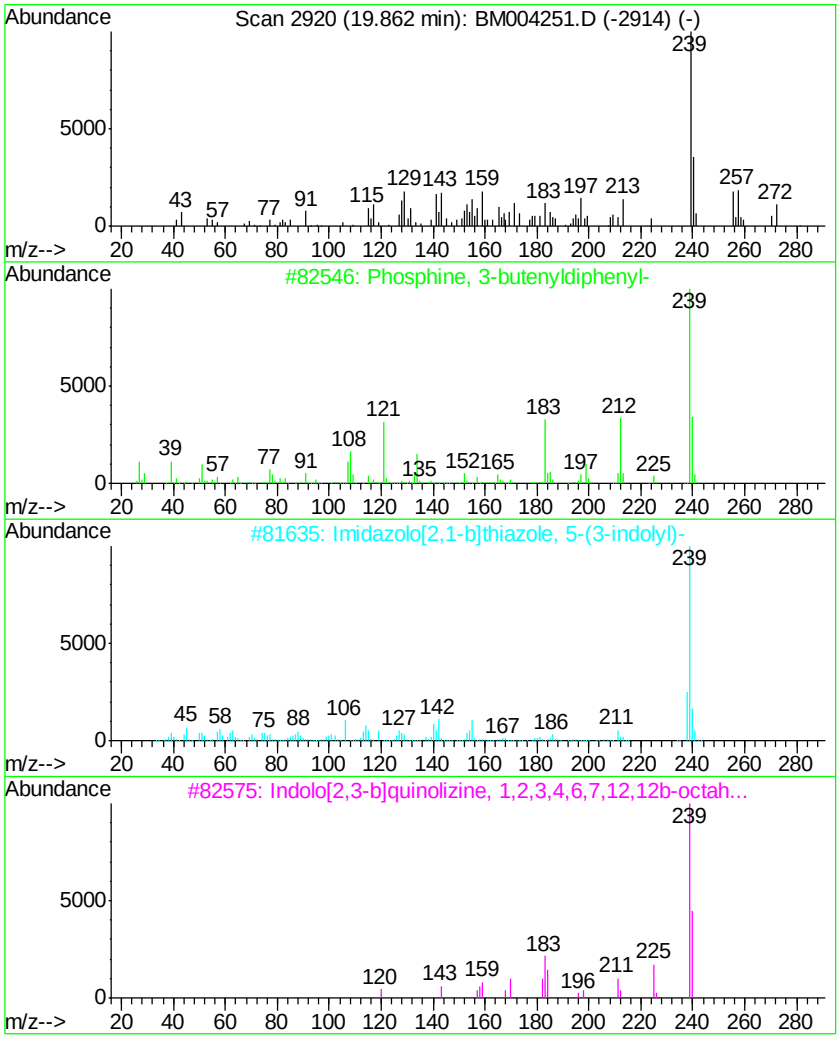
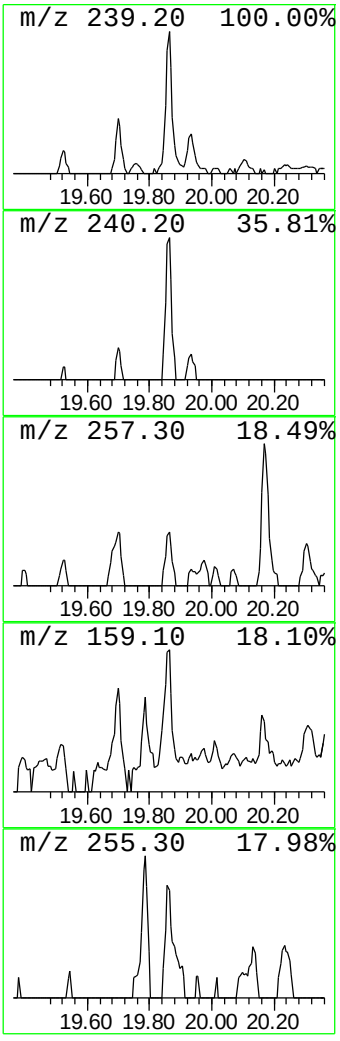
Peak Number 25 unknown-07 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	4.07 ng/ul	89618	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphine, 3-butenyldiphenyl-	240	C16H17P	004124-07-6	38
2	Imidazolo[2,1-b]thiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	27
3	Indolo[2,3-b]quinolizine, 1,2,3,...	240	C16H20N2	013233-45-9	23
4	4-Amino-2-chloro-6,7-dimethoxyqu...	239	C10H10ClN3O2	023680-84-4	22
5	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	22





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Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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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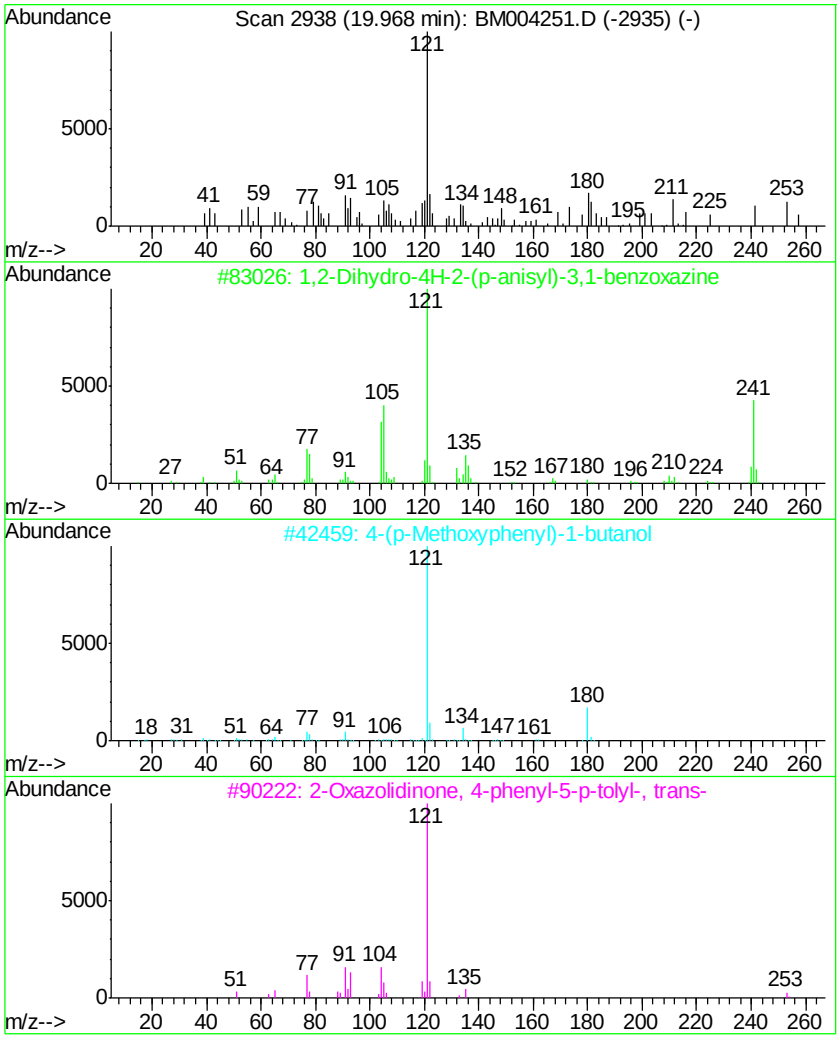
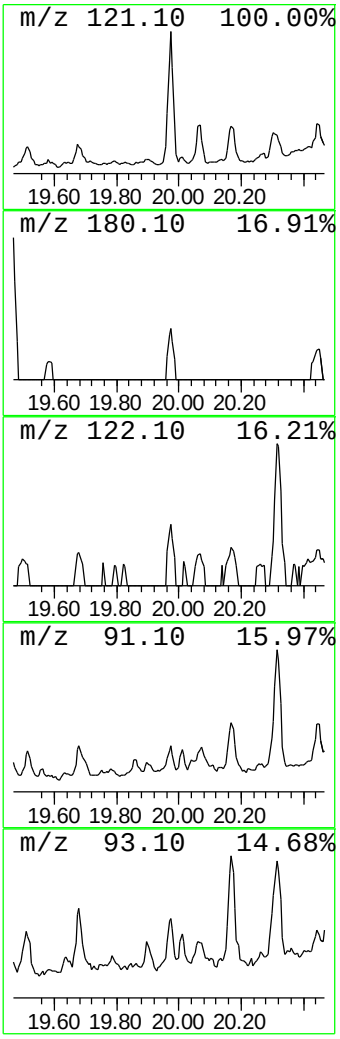
Peak Number 26 1,2-Dihydro-4H-2-(p-anisyl)... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.06 ng/ul	45202	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dihydro-4H-2-(p-anisyl)-3,1-...	241	C15H15NO2	082085-87-8	50
2	4-(p-Methoxyphenyl)-1-butanol	180	C11H16O2	022135-50-8	50
3	2-Oxazolidinone, 4-phenyl-5-p-to...	253	C16H15NO2	032461-31-7	49
4	Benzoin methyl ether oxime	241	C15H15NO2	074613-79-9	47
5	3-(4-Methoxyphenyl)propionic acid	180	C10H12O3	001929-29-9	47





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Data File : BM004251.D
Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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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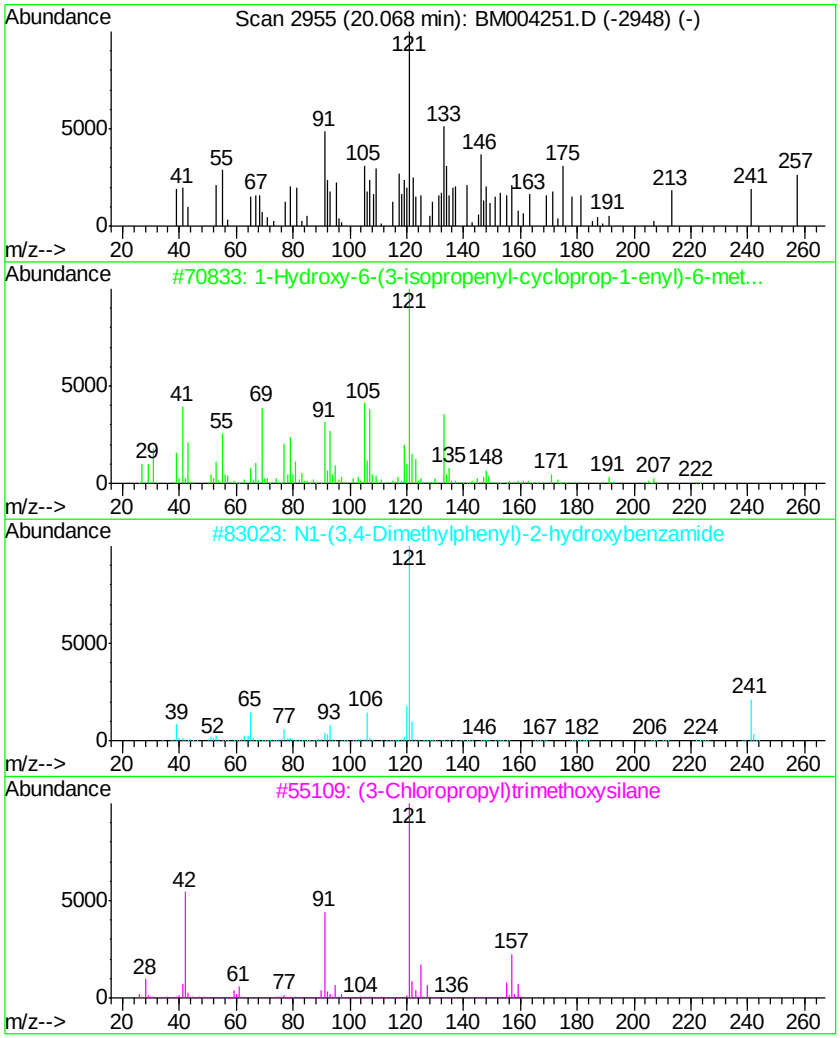
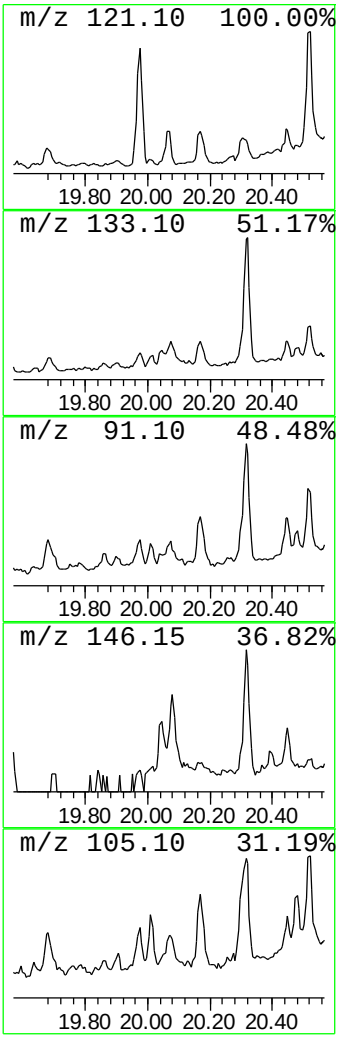
Peak Number 27 unknown-08 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	2.34 ng/ul	51514	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hydroxy-6-(3-isopropenyl-cyclo...	222	C14H22O2	1000189-14-9	35
2	N1-(3,4-Dimethylphenyl)-2-hydrox...	241	C15H15NO2	282719-30-6	22
3	(3-Chloropropyl)trimethoxysilane	198	C6H15ClO3Si	002530-87-2	22
4	Nicotinaldehyde salicyloylhydrazone	241	C13H11N3O2	018176-39-1	16
5	1,3-Cyclohexadiene, 1,5,5,6-tetr...	136	C10H16	000514-94-3	14





Library Search Compound Report

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Data File : BM004251.D
Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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Quant Title : SVOA CALIBRATION

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

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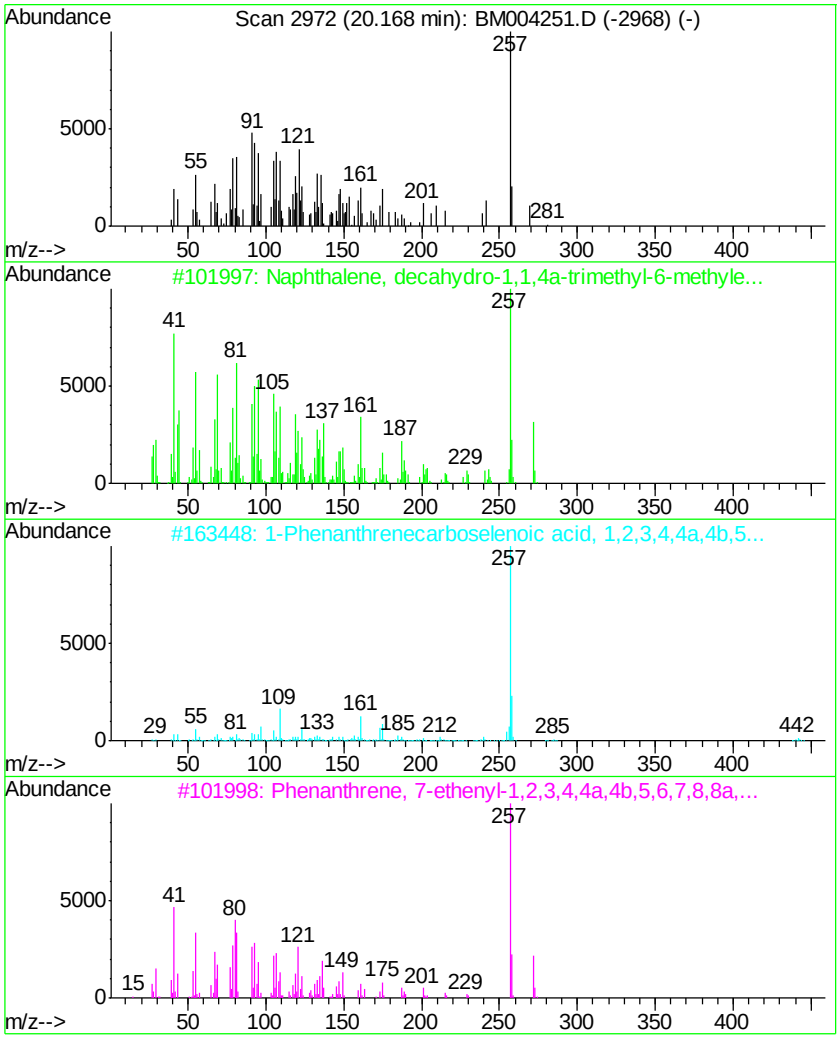
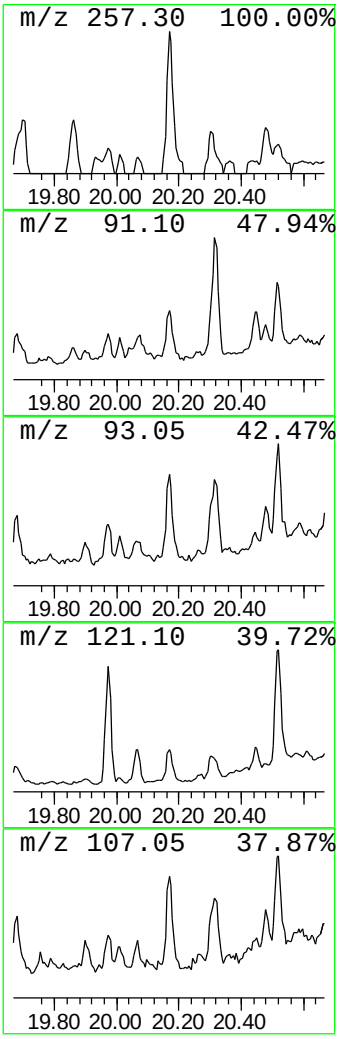
Peak Number 28 Naphthalene, decahydro-1,1,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	4.37 ng/ul	96053	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,1,4a-tr...	272	C20H32	005957-33-5	56
2	1-Phenanthrenecarboselenoic acid...	442	C26H34OSe	076920-33-7	47
3	Phenanthrene, 7-ethenyl-1,2,3,4,...	272	C20H32	001686-67-5	45
4	Benzenamine, 3,4-dimethyl-6-(2,4...	257	C16H19NS	1000266-21-4	38
5	Bicyclo[9.3.1]pentadeca-3,7-dien...	290	C20H34O	070000-19-0	37





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Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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Quant Title : SVOA CALIBRATION

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

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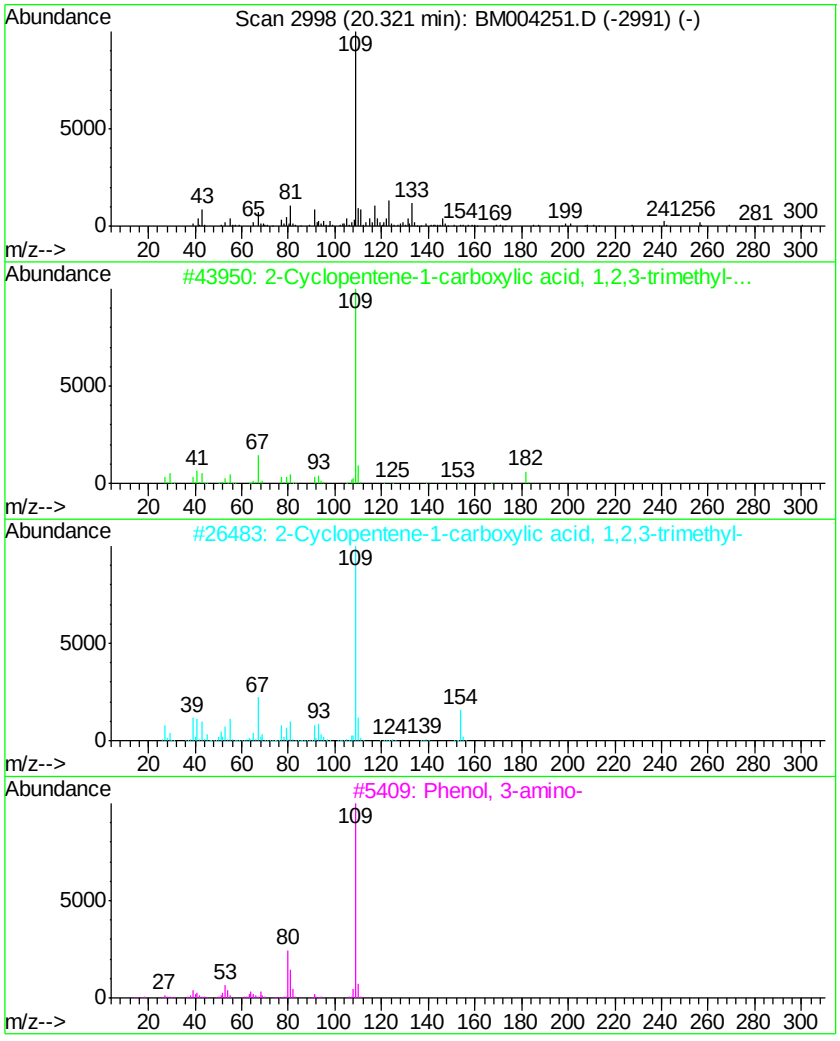
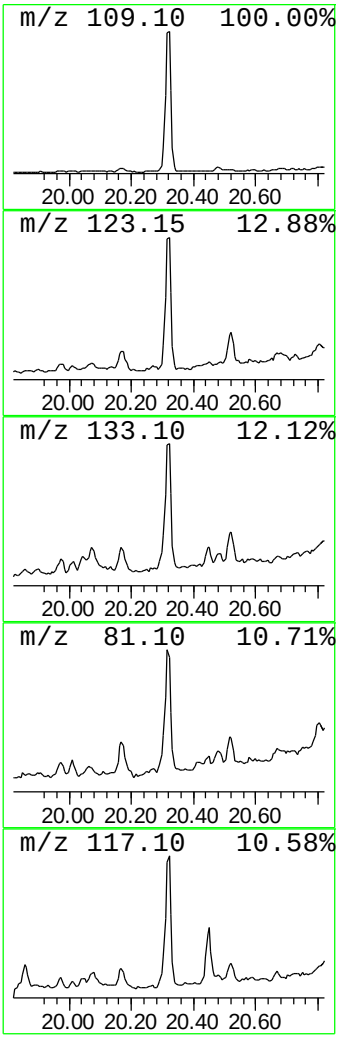
Peak Number 29 unknown-09 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	12.31 ng/ul	270724	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopentene-1-carboxylic acid...	182	C11H18O2	029915-95-5	47
2	2-Cyclopentene-1-carboxylic acid...	154	C9H14O2	006894-69-5	47
3	Phenol, 3-amino-	109	C6H7NO	000591-27-5	47
4	(1,2,3-Trimethyl-cyclopent-2-eny...	140	C9H16O	1000190-91-3	47
5	2,4-Heptadienal, 2,4-dimethyl-	138	C9H14O	042452-48-2	40





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Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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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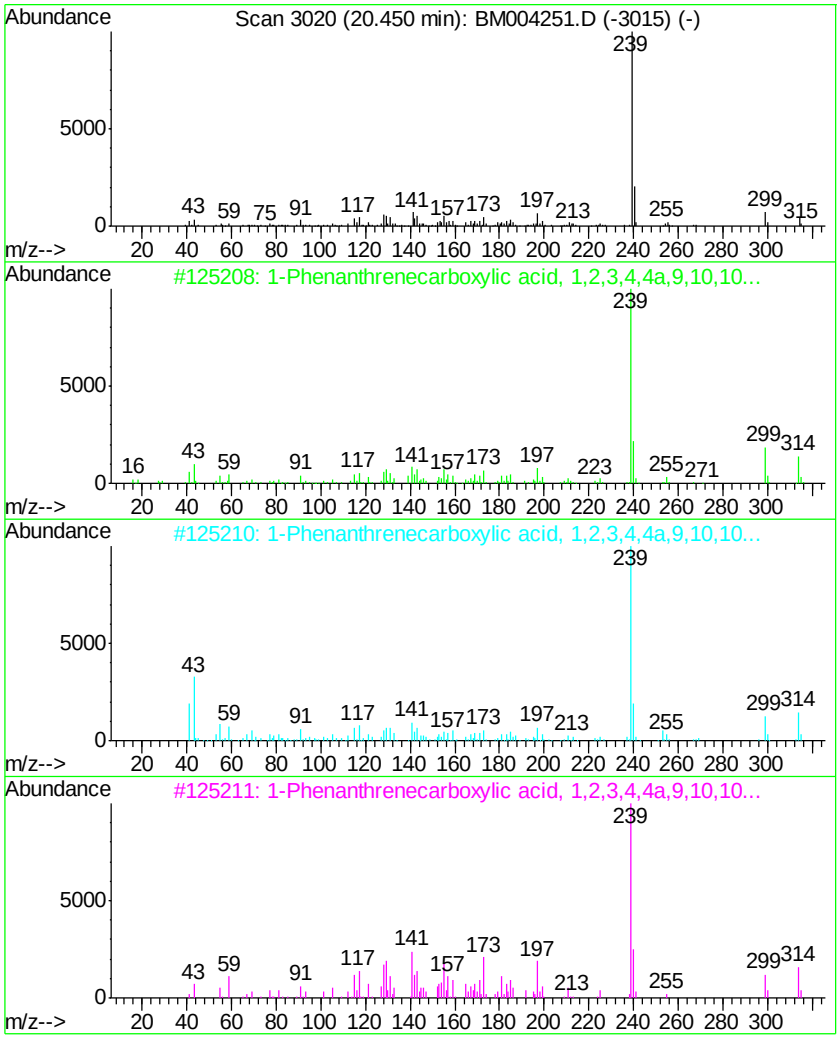
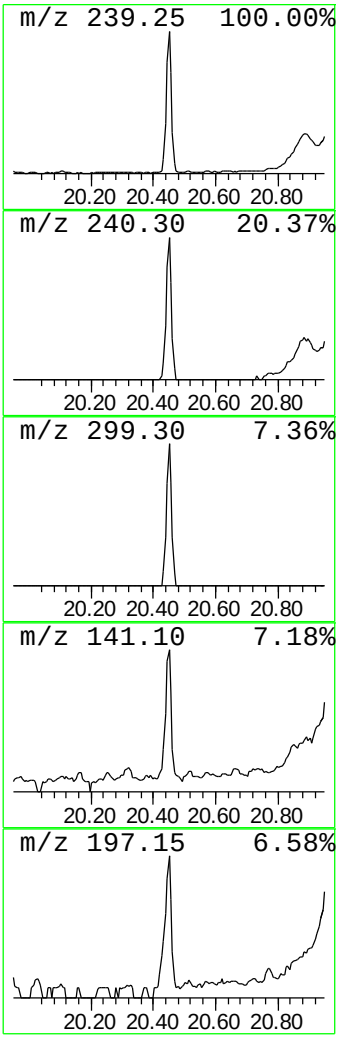
Peak Number 30 1-Phenanthrenecarboxylic ac... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	10.02 ng/ul	220328	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	314	C21H30O2	001235-74-1	96
2	1-Phenanthrenecarboxylic acid, 1...	314	C21H30O2	001235-74-1	89
3	1-Phenanthrenecarboxylic acid, 1...	314	C21H30O2	001235-74-1	60
4	9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	59
5	Cobalt, (.eta.5-2,4-cyclopentadi...	239	C14H12Co	088242-61-9	53





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Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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Quant Title : SVOA CALIBRATION

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

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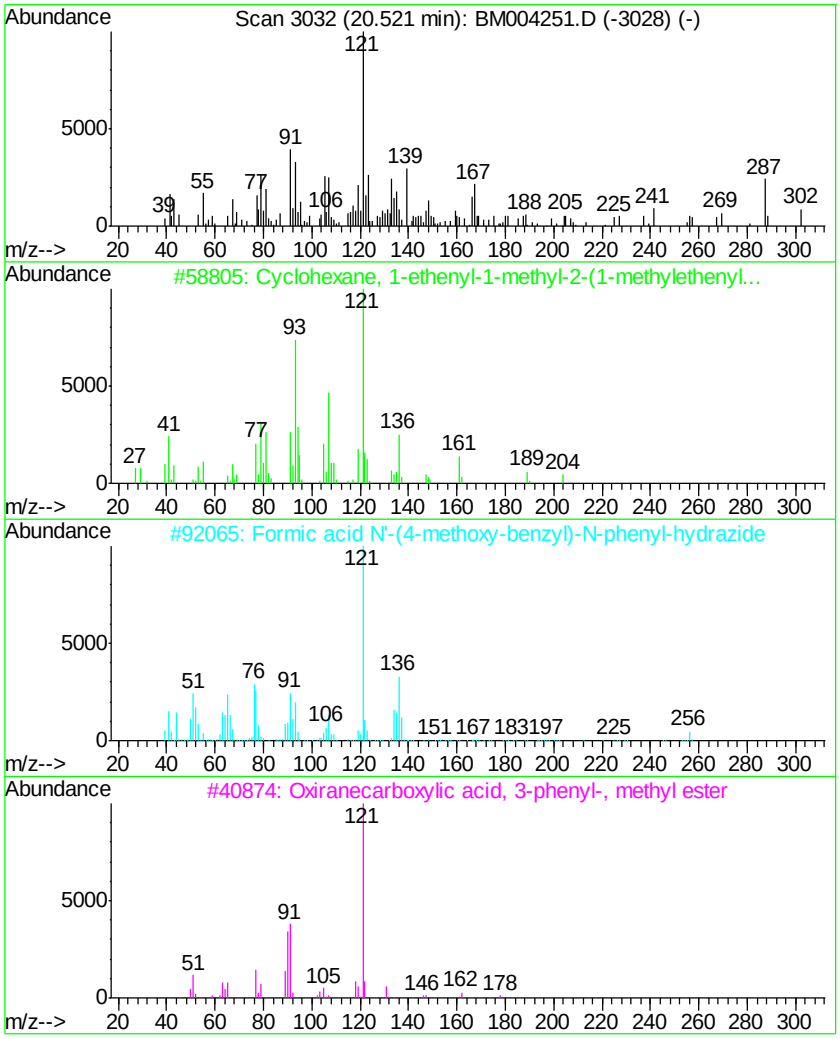
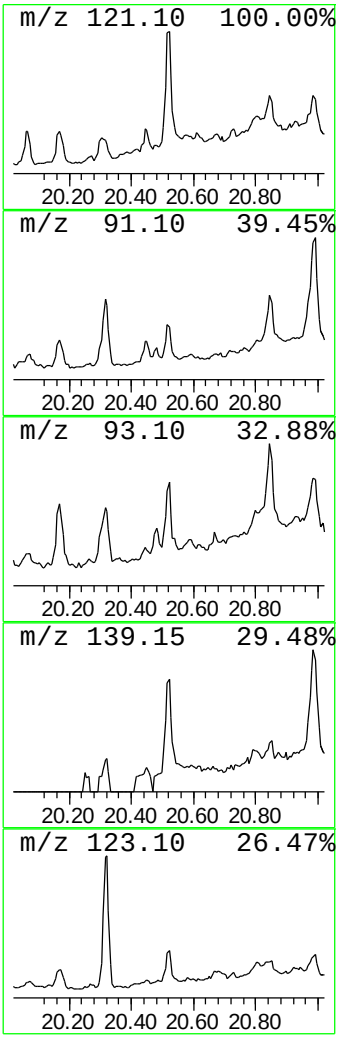
Peak Number 31 unknown-10 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	4.06 ng/ul	89321	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	35
2	Formic acid N'-(4-methoxy-benzyl...	256	C15H16N2O2	1000297-43-4	35
3	Oxiranecarboxylic acid, 3-phenyl...	178	C10H10O3	037161-74-3	30
4	N-Fluoro-2,4,6-trimethylpyridini...	289	C9H11F4NO3S	107264-00-6	27
5	Carbonic acid, methyl 3,4-xylyl ...	180	C10H12O3	031268-81-2	27





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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId : D9QD6

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Quant Title : SVOA CALIBRATION

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

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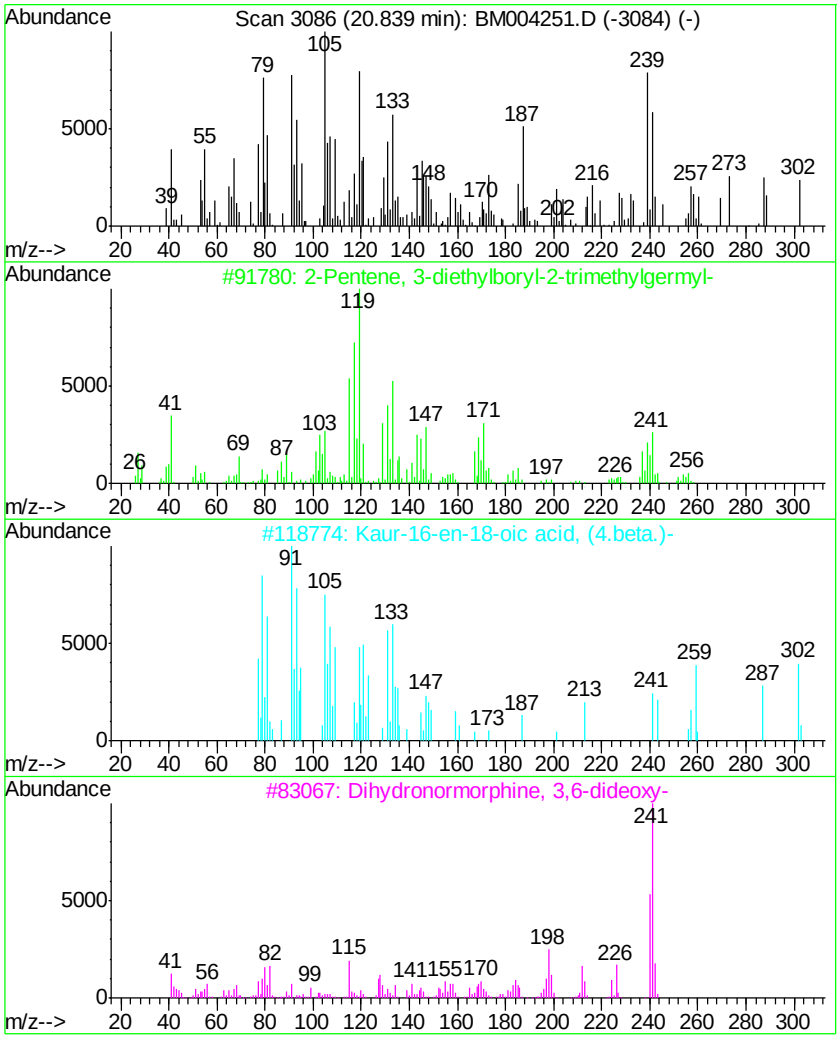
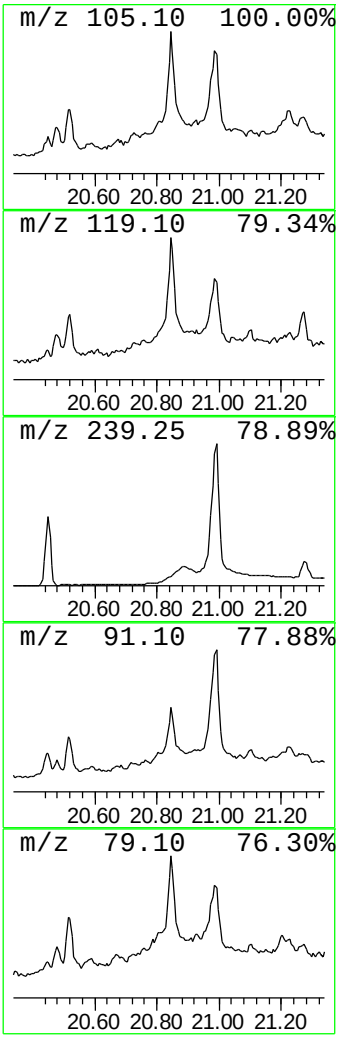
Peak Number 32 unknown-11 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	5.06 ng/ul	111206	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-diethylboryl-2-trim...	256	C12H27BGe	1000153-65-0	22
2	Kaur-16-en-18-oic acid, (4.beta.)-	302	C20H30O2	020316-84-1	18
3	Dihydronormorphine, 3,6-dideoxy-	241	C16H19NO	1000129-30-2	15
4	Chromium, carbonyl-(.eta.-4-1,3-...	269	C15H21CrO	1000160-21-6	14
5	1H-Benz[de]isoquinoline-1,3(2H)-...	241	C14H11NO3	003271-05-4	11





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021216\
Data File : BM004251.D
Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

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

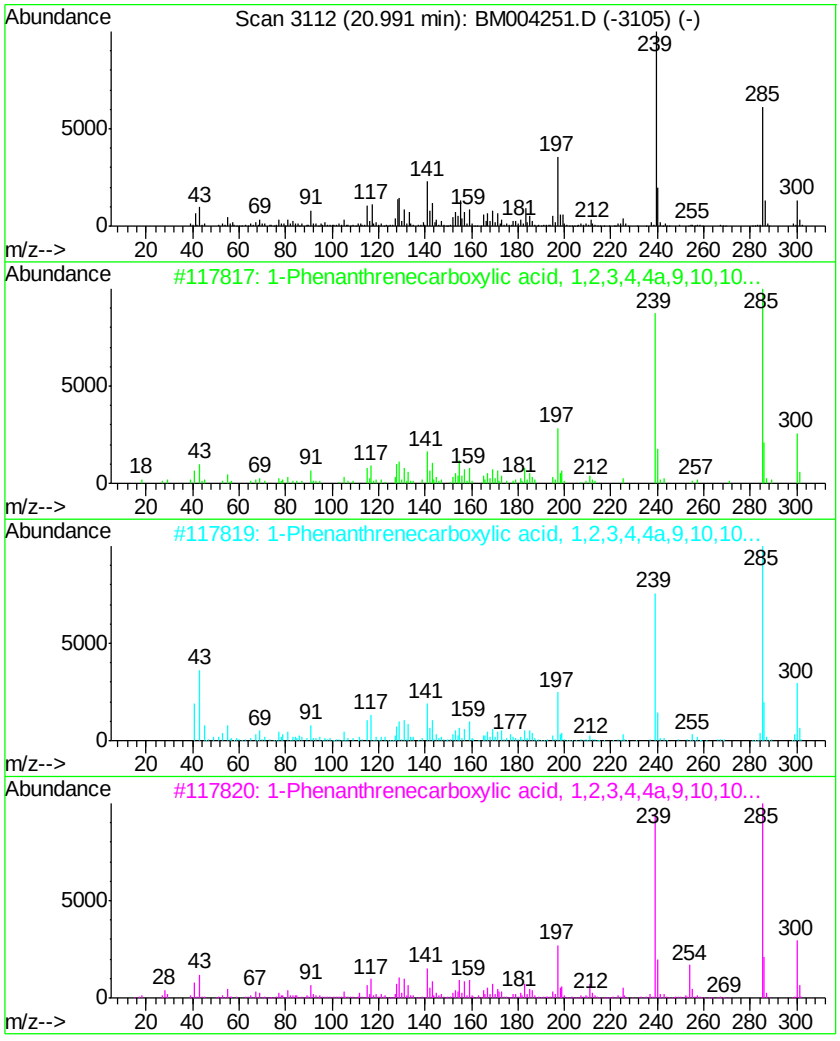
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

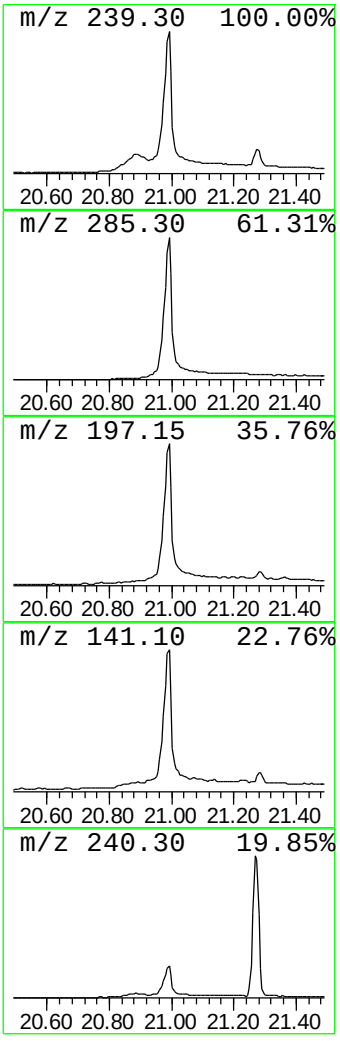
****

Peak Number 33 Ethyl 4-hydroxy-7-trifluoro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	58.78 ng/ul	1292800	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	99
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	94
3	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	93
4	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	86
5	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	53





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Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

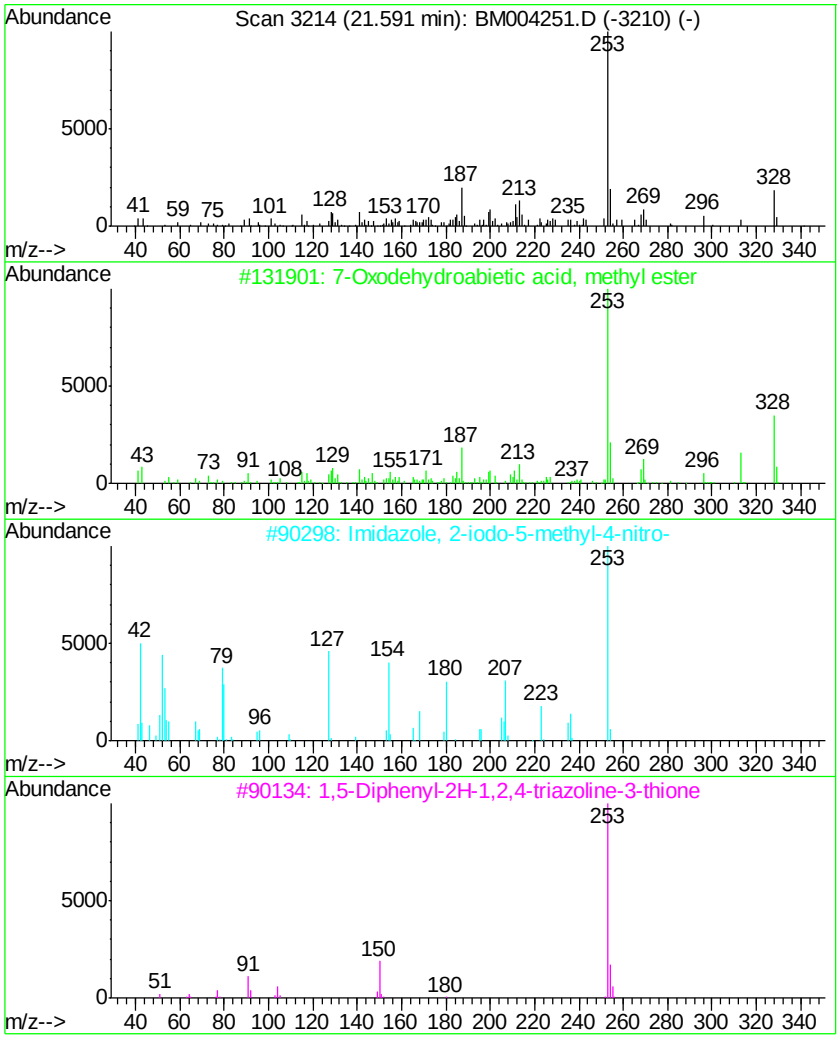
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

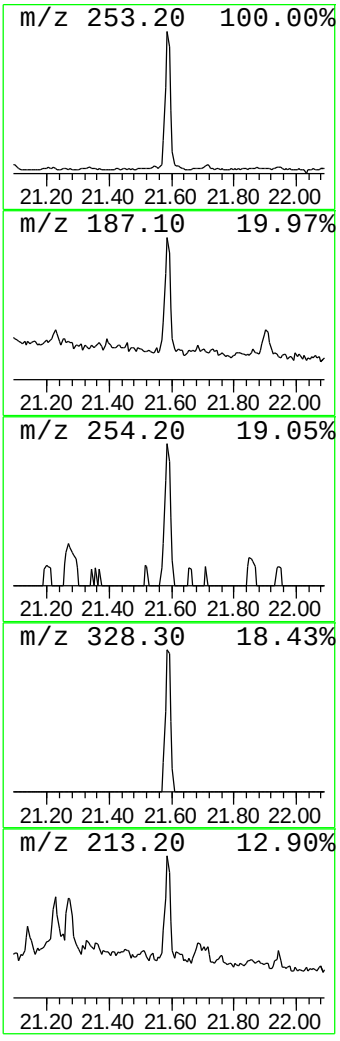
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 7-Oxodehydroabietic acid, m... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	3.55 ng/ul	78189	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxodehydroabietic acid, methyl...	328	C21H28O3	110936-78-2	93
2	Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	50
3	1,5-Diphenyl-2H-1,2,4-triazoline...	253	C14H11N3S	005055-74-3	47
4	2H-Benzopyran-6-carbonitrile, 3,...	286	C16H18N2O3	150871-62-8	47
5	Alpha-(1-(2-naphthylimino)ethyl)...	253	C16H15NO2	1000240-01-3	47





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021216\
Data File : BM004251.D
Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9QD6

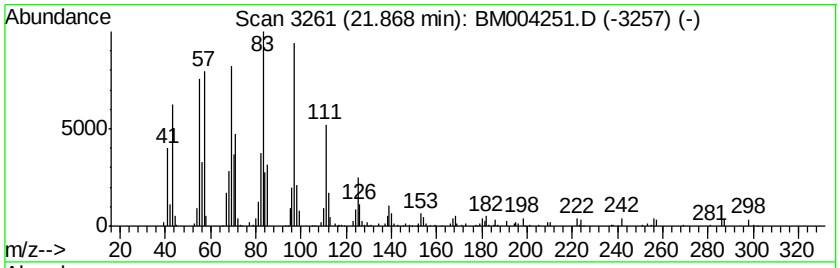
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

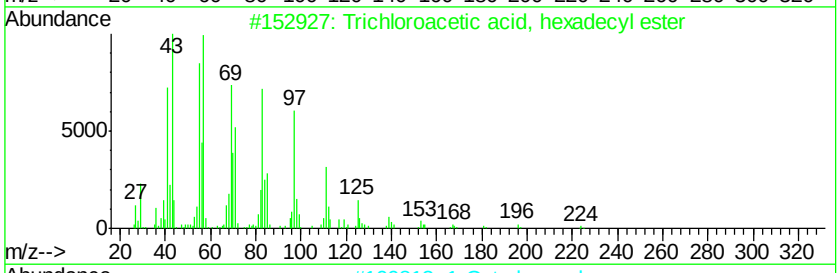
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

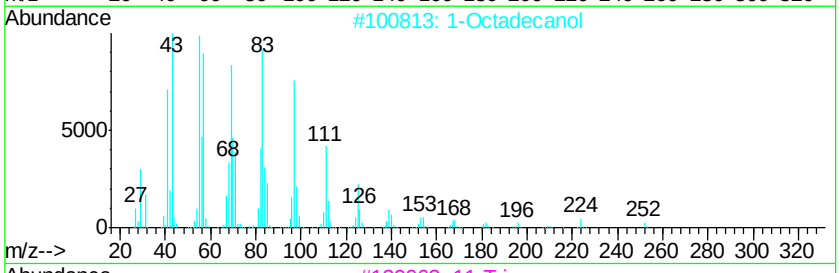
****
Peak Number 35 Trichloroacetic acid, hexad... Concentration Rank 16

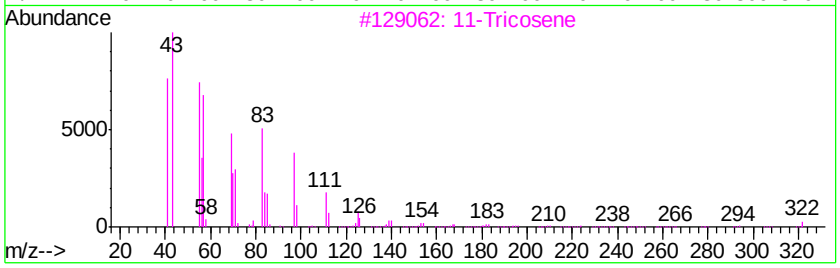
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	6.14 ng/ul	135092	Chrysene-d12	21.27

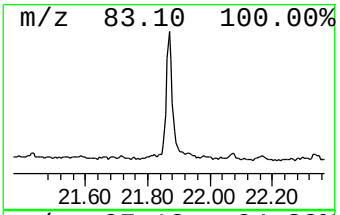
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	1-Octadecanol	270	C18H38O	000112-92-5	91
3	11-Tricosene	322	C23H46	052078-56-5	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91

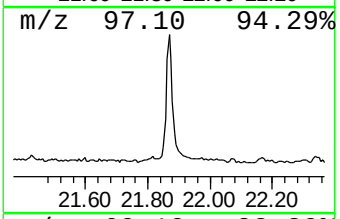


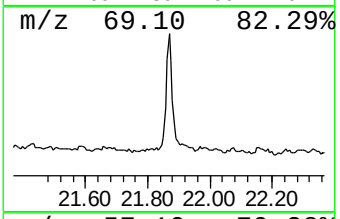


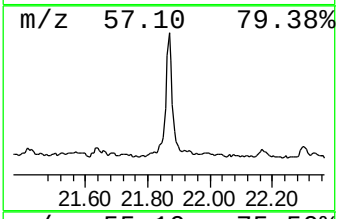


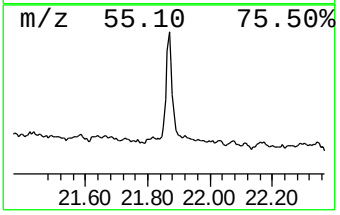












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021216\
Data File : BM004251.D
Acq On : 13 Feb 2016 05:39
Operator : SJ/IZ
Sample : H1414-13
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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.85	17.6	ng/ul	151889	1	7.65	173126	20.0
1S-.alpha.-Pinene	6.33	34.1	ng/ul	295388	1	7.65	173126	20.0
Bicyclo[3.1.1]hep...	7.07	8.0	ng/ul	69320	1	7.65	173126	20.0
Benzene, 1-methyl...	7.77	23.7	ng/ul	205465	1	7.65	173126	20.0
Bicyclo[2.2.1]hep...	8.87	5.3	ng/ul	45510	1	7.65	173126	20.0
Cyclohexanemethan...	9.80	2.6	ng/ul	34732	2	10.43	269649	20.0
Bicyclo[2.2.1]hep...	9.85	10.1	ng/ul	136411	2	10.43	269649	20.0
1H-3a,7-Methanoaz...	13.62	4.6	ng/ul	80964	3	14.30	352455	20.0
unknown-01	14.74	3.1	ng/ul	54779	3	14.30	352455	20.0
unknown-02	15.59	5.3	ng/ul	93245	3	14.30	352455	20.0
n-Hexadecanoic acid	17.96	3.7	ng/ul	66163	4	17.06	358730	20.0
unknown-03	18.14	5.3	ng/ul	94154	4	17.06	358730	20.0
unknown-04	18.29	2.4	ng/ul	42831	4	17.06	358730	20.0
(DEL) Alkane: Bra...	18.36	2.3	ng/ul	40591	4	17.06	358730	20.0
Phenanthrene, 7-e...	18.64	3.4	ng/ul	60802	4	17.06	358730	20.0
1,5,6,7-Tetrameth...	18.82	2.7	ng/ul	48962	4	17.06	358730	20.0
unknown-05	18.88	3.0	ng/ul	53606	4	17.06	358730	20.0
10,18-Bisnorabiet...	19.19	58.1	ng/ul	1277390	5	21.27	439911	20.0
unknown-06	19.52	2.9	ng/ul	63320	5	21.27	439911	20.0
unknown-07	19.86	4.1	ng/ul	89618	5	21.27	439911	20.0
1,2-Dihydro-4H-2-...	19.97	2.1	ng/ul	45202	5	21.27	439911	20.0
unknown-08	20.07	2.3	ng/ul	51514	5	21.27	439911	20.0
Naphthalene, deca...	20.17	4.4	ng/ul	96053	5	21.27	439911	20.0
unknown-09	20.32	12.3	ng/ul	270724	5	21.27	439911	20.0
1-Phenanthrenecar...	20.45	10.0	ng/ul	220328	5	21.27	439911	20.0
unknown-10	20.52	4.1	ng/ul	89321	5	21.27	439911	20.0
unknown-11	20.84	5.1	ng/ul	111206	5	21.27	439911	20.0
Ethyl 4-hydroxy-7...	20.99	58.8	ng/ul	1292800	5	21.27	439911	20.0
7-Oxodehydroabiet...	21.59	3.5	ng/ul	78189	5	21.27	439911	20.0
Trichloroacetic a...	21.87	6.1	ng/ul	135092	5	21.27	439911	20.0