LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002814.D
Acq On : 01 Oct 2015 21:26
Operator : UM/IZ
Sample : G3803-10RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E43K0RX

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-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	3.358	39	46	56	rVV	114428	279987	18.03%	1.460%
2	3.446	56	61	76	rVB	307255	508812	32.76%	2.654%
3	5.863	467	472	480	rBV	39829	62035	3.99%	0.324%
4	6.204	524	530	532	rBV	124479	197683	12.73%	1.031%
5	6.604	593	598	604	rVB	12095	17790	1.15%	0.093%
6	7.098	676	682	690	rVB	27752	41229	2.65%	0.215%
7	7.610	763	769	775	rBV	18976	31009	2.00%	0.162%
8	7.722	782	788	794	rBV	17588	26990	1.74%	0.141%
9	7.804	794	802	808	rVV2	63924	119950	7.72%	0.626%
10	7.863	808	812	819	rVB	37906	54511	3.51%	0.284%
11	7.975	825	831	838	rBV	146555	245405	15.80%	1.280%
12	8.040	838	842	850	rVB	42760	65855	4.24%	0.344%
13	8.204	863	870	878	rBV	181229	304481	19.60%	1.588%
14	8.304	881	887	896	rBV	167545	262977	16.93%	1.372%
15	8.687	945	952	963	rVV	225068	404425	26.04%	2.109%
16	8.792	963	970	978	rVV	80353	133049	8.57%	0.694%
17	9.063	1010	1016	1023	rBV2	29280	48940	3.15%	0.255%
18	9.222	1040	1043	1051	rVB	11595	17499	1.13%	0.091%
19	9.316	1052	1059	1065	rVB2	28134	46659	3.00%	0.243%
20	9.387	1065	1071	1083	rBV2	175667	301384	19.40%	1.572%
21	9.487	1083	1088	1093	rVB	10764	15466	1.00%	0.081%
22	9.634	1108	1113	1118	rBV	15786	23273	1.50%	0.121%
23	9.692	1118	1123	1132	rVB	17213	26113	1.68%	0.136%
24	9.792	1132	1140	1147	rVB2	28128	46932	3.02%	0.245%
25	9.881	1147	1155	1164	rBV	188214	334475	21.53%	1.745%
26	10.134	1193	1198	1202	rVV2	17842	26037	1.68%	0.136%
27	10.251	1216	1218	1226	rVV3	5956	12835	0.83%	0.067%
28	10.328	1226	1231	1236	rVV	16005	24576	1.58%	0.128%
29	10.386	1236	1241	1247	rVB	31525	48135	3.10%	0.251%
30	10.610	1272	1279	1286	rVB	142753	252870	16.28%	1.319%
31	10.763	1299	1305	1317	rVB3	12016	27838	1.79%	0.145%
32	10.916	1325	1331	1337	rBV	55901	92486	5.95%	0.482%
33	11.069	1348	1357	1363	rVB9	7723	20084	1.29%	0.105%
34	11.157	1365	1372	1378	rBV	250681	453899	29.22%	2.368%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002814.D
Acq On : 01 Oct 2015 21:26
Operator : UM/IZ
Sample : G3803-10RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E43K0RX

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-BM092915.M
Title : SVOA CALIBRATION

35	11.375	1402	1409	1416	rVB4	13629	33893	2.18%	0.177%
36	11.498	1422	1430	1432	rBV3	38404	60118	3.87%	0.314%
37	11.545	1432	1438	1442	rVV	328868	597798	38.49%	3.118%
38	11.592	1442	1446	1453	rVV	171323	320458	20.63%	1.672%
39	11.657	1453	1457	1463	rVV	50368	82569	5.32%	0.431%
40	11.933	1500	1504	1509	rVB3	8194	12391	0.80%	0.065%
41	12.198	1541	1549	1557	rBV2	45075	88752	5.71%	0.463%
42	12.463	1590	1594	1600	rVB2	15536	24943	1.61%	0.130%
43	12.739	1636	1641	1645	rBV4	10737	23149	1.49%	0.121%
44	12.780	1645	1648	1651	rVV	19300	30563	1.97%	0.159%
45	12.810	1651	1653	1658	rVB	20106	23791	1.53%	0.124%
46	12.986	1678	1683	1689	rBV4	9920	18584	1.20%	0.097%
47	13.151	1706	1711	1718	rBV	106096	177517	11.43%	0.926%
48	13.204	1718	1720	1727	rVB4	8432	14755	0.95%	0.077%
49	13.275	1727	1732	1743	rBV	49391	98782	6.36%	0.515%
50	13.369	1743	1748	1755	rVB	86843	135869	8.75%	0.709%
51	13.563	1776	1781	1789	rVB3	25942	53621	3.45%	0.280%
52	13.769	1811	1816	1822	rVB3	14603	21408	1.38%	0.112%
53	14.122	1871	1876	1881	rBV3	27351	44360	2.86%	0.231%
54	14.322	1906	1910	1913	rBV	12855	18935	1.22%	0.099%
55	14.451	1924	1932	1933	rBV3	24643	41129	2.65%	0.215%
56	14.604	1950	1958	1962	rBV	41173	77890	5.01%	0.406%
57	14.663	1962	1968	1973	rVV	525369	751655	48.39%	3.921%
58	14.704	1973	1975	1980	rVB	25474	33791	2.18%	0.176%
59	14.839	1994	1998	2001	rBV	15058	21082	1.36%	0.110%
60	14.869	2001	2003	2007	rVV2	8967	13787	0.89%	0.072%
61	14.904	2007	2009	2013	rVB2	12202	12999	0.84%	0.068%
62	14.986	2016	2023	2030	rBV	577383	875907	56.39%	4.569%
63	15.280	2061	2073	2080	rVV2	451292	762922	49.12%	3.979%
64	15.345	2080	2084	2088	rVV2	14532	23609	1.52%	0.123%
65	15.463	2098	2104	2114	rVV2	70302	149789	9.64%	0.781%
66	15.557	2116	2120	2123	rVV4	11796	20268	1.30%	0.106%
67	15.616	2126	2130	2131	rVV4	10796	14833	0.95%	0.077%
68	15.651	2131	2136	2143	rVV6	14517	41817	2.69%	0.218%
69	15.733	2146	2150	2157	rVB5	7388	17249	1.11%	0.090%
70	15.868	2166	2173	2177	rBV5	6733	14839	0.96%	0.077%
71	15.968	2186	2190	2196	rVB	10527	12777	0.82%	0.067%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002814.D
Acq On : 01 Oct 2015 21:26
Operator : UM/IZ
Sample : G3803-10RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E43K0RX

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-BM092915.M
Title : SVOA CALIBRATION

72	16.033	2196	2201	2206	rVB	33272	49855	3.21%	0.260%
73	16.110	2210	2214	2219	rBV3	10488	16475	1.06%	0.086%
74	16.204	2225	2230	2233	rBV3	20726	34661	2.23%	0.181%
75	16.257	2233	2239	2245	rVB	724720	1080388	69.56%	5.635%
76	16.310	2245	2248	2254	rVB2	15241	20434	1.32%	0.107%
77	16.380	2254	2260	2267	rBV2	196860	403678	25.99%	2.106%
78	16.492	2272	2279	2284	rVB3	42115	72660	4.68%	0.379%
79	16.745	2316	2322	2329	rBV	77275	115093	7.41%	0.600%
80	16.933	2347	2354	2359	rVV	72785	112121	7.22%	0.585%
81	17.110	2378	2384	2388	rVV	32933	48794	3.14%	0.255%
82	17.239	2402	2406	2415	rVB2	48256	74770	4.81%	0.390%
83	17.345	2420	2424	2432	rVB8	6244	12955	0.83%	0.068%
84	17.992	2528	2534	2540	rVV2	542130	813918	52.40%	4.245%
85	18.033	2540	2541	2545	rVV	15849	15371	0.99%	0.080%
86	18.092	2545	2551	2558	rVV2	829054	1197864	77.12%	6.248%
87	18.198	2564	2569	2574	rBV4	13174	22116	1.42%	0.115%
88	18.392	2597	2602	2609	rVB	37036	58837	3.79%	0.307%
89	18.786	2665	2669	2674	rBV3	25904	39818	2.56%	0.208%
90	19.533	2792	2796	2800	rBV	62620	73623	4.74%	0.384%
91	19.592	2803	2806	2810	rVB4	14377	16259	1.05%	0.085%
92	20.015	2873	2878	2883	rVV2	55187	72009	4.64%	0.376%
93	20.321	2925	2930	2937	rBV	1075818	1553195	100.00%	8.101%
94	20.727	2994	2999	3003	rBV	130096	171066	11.01%	0.892%
95	21.221	3080	3083	3088	rVB	71997	81484	5.25%	0.425%
96	21.903	3195	3199	3206	rVB	99772	126485	8.14%	0.660%
97	22.027	3217	3220	3223	rVB	53539	57178	3.68%	0.298%
98	22.080	3224	3229	3236	rBV	688806	975928	62.83%	5.090%
99	24.503	3633	3641	3654	rVB	676234	1511664	97.33%	7.885%
100	24.668	3661	3669	3681	rVB2	437680	998774	64.30%	5.210%

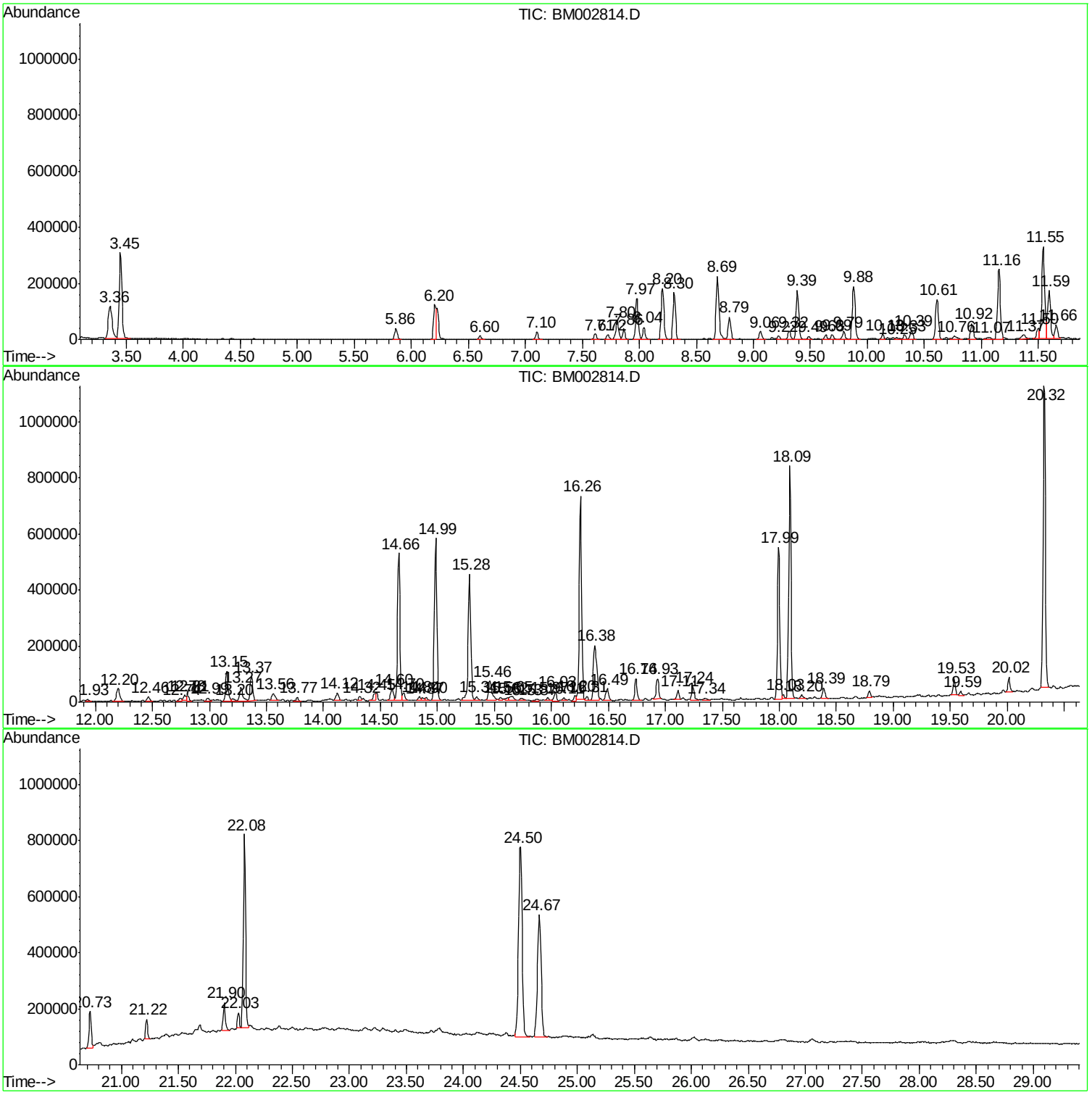
Sum of corrected areas: 19171761

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002814.D
Acq On : 01 Oct 2015 21:26
Operator : UM/IZ
Sample : G3803-10RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E43K0RX

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002814.D
Acq On : 01 Oct 2015 21:26
Operator : UM/IZ
Sample : G3803-10RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E43K0RX

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

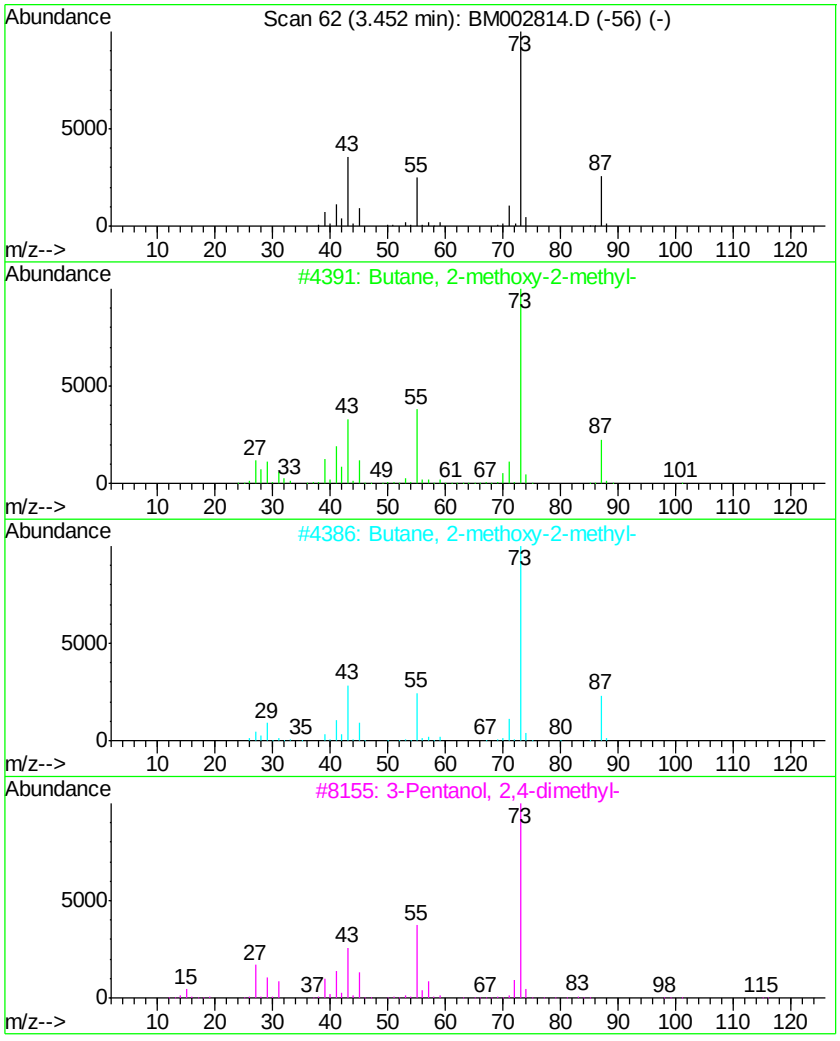
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

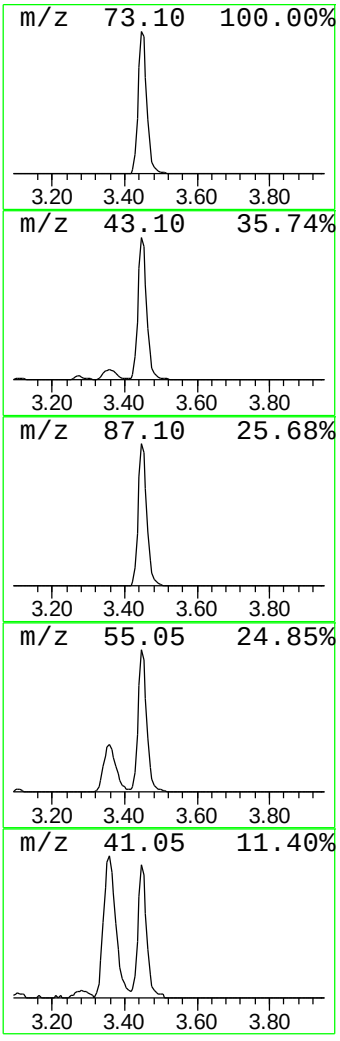
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	25.16 ng/ul	508812	1,4-Dichlorobenzene-d4	8.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002814.D
Acq On : 01 Oct 2015 21:26
Operator : UM/IZ
Sample : G3803-10RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E43K0RX

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

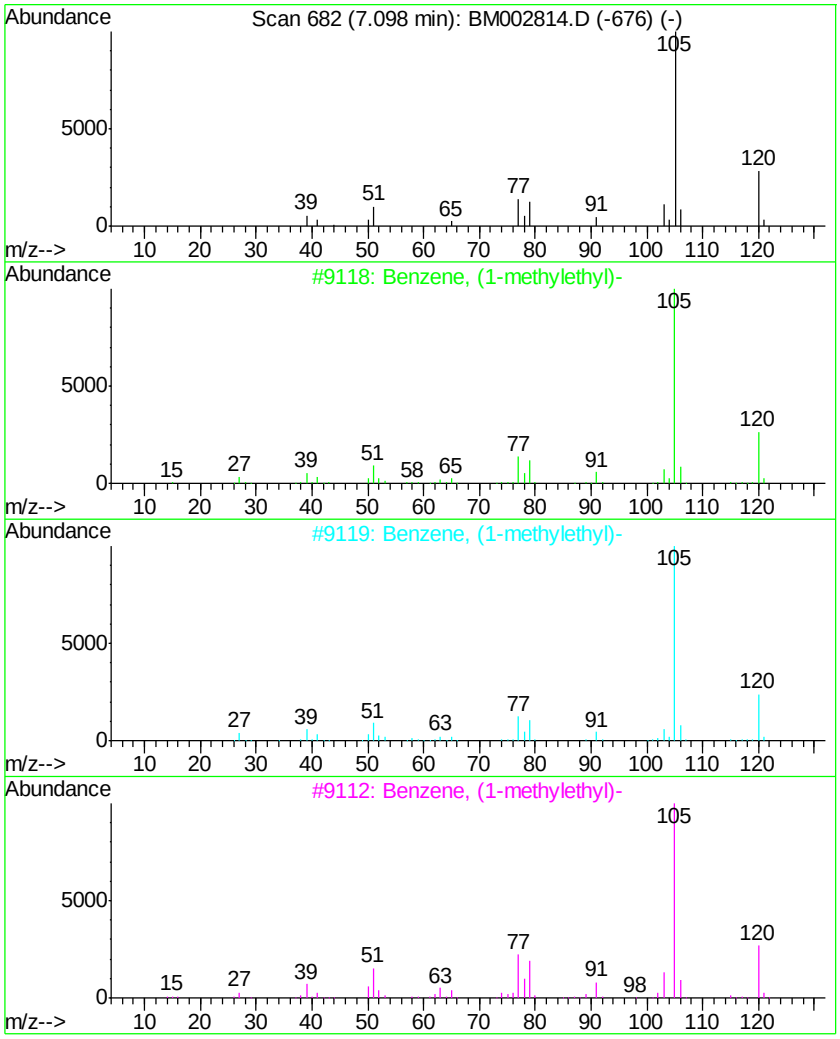
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

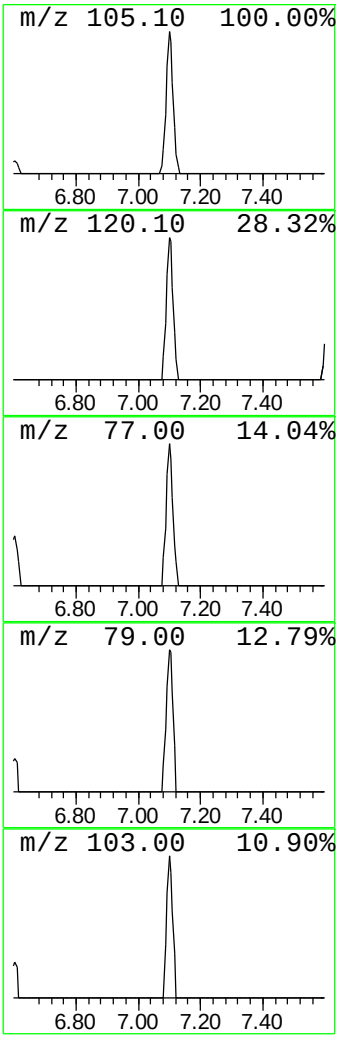
****

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	2.04 ng/ul	41229	1,4-Dichlorobenzene-d4	8.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002814.D
Acq On : 01 Oct 2015 21:26
Operator : UM/IZ
Sample : G3803-10RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E43K0RX

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

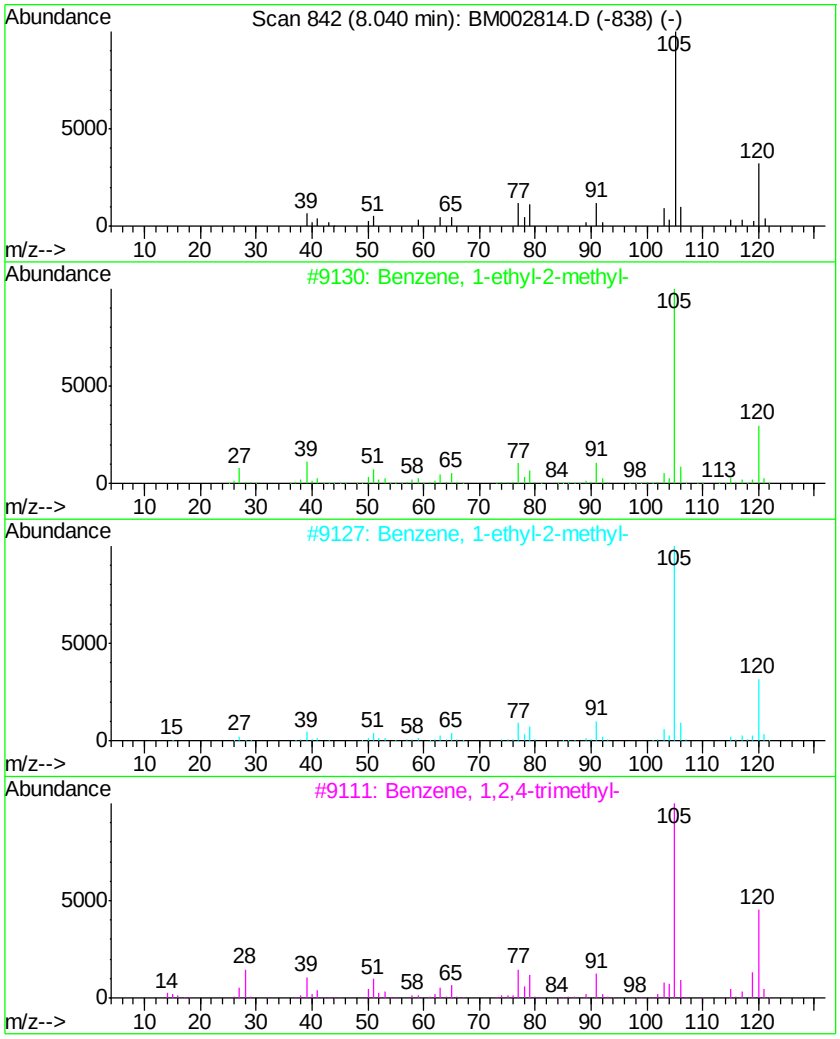
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

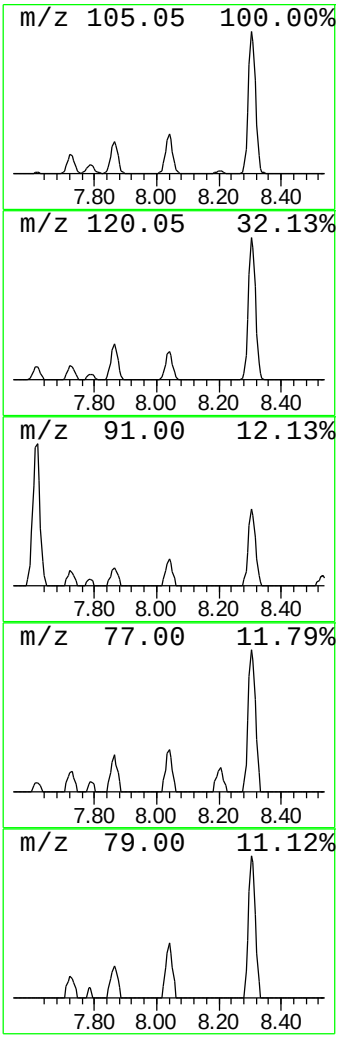
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	3.26 ng/ul	65855	1,4-Dichlorobenzene-d4	8.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002814.D
Acq On : 01 Oct 2015 21:26
Operator : UM/IZ
Sample : G3803-10RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E43K0RX

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

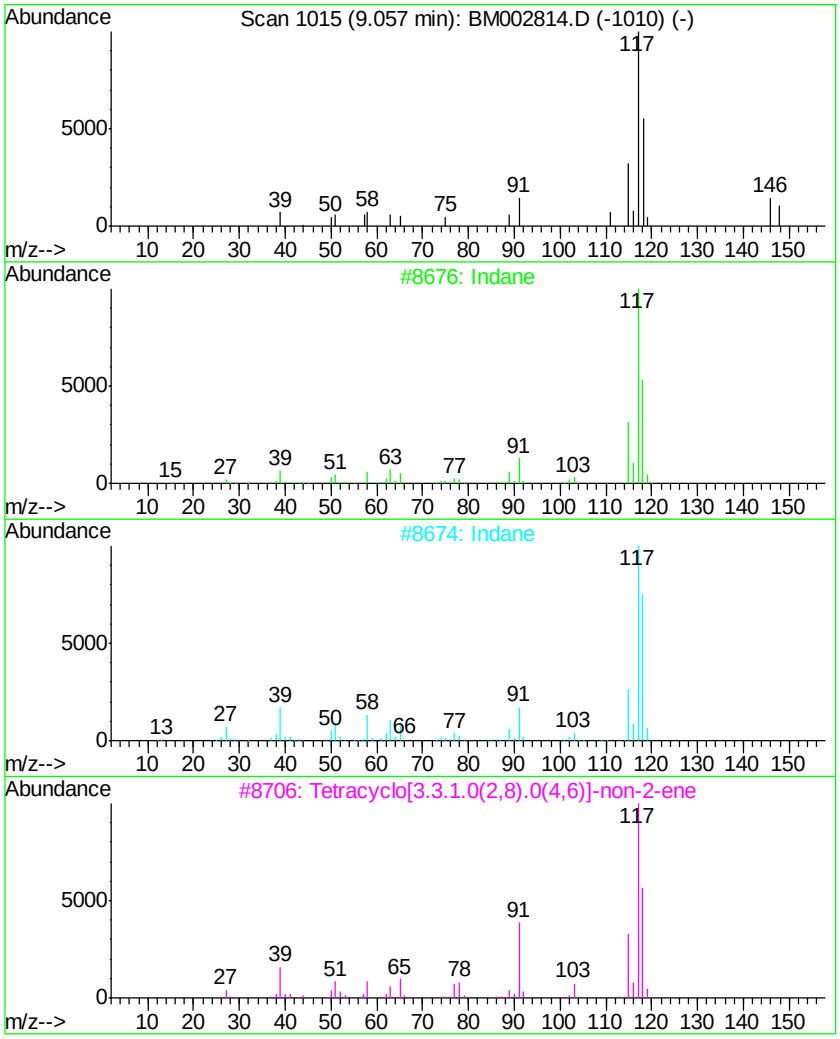
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

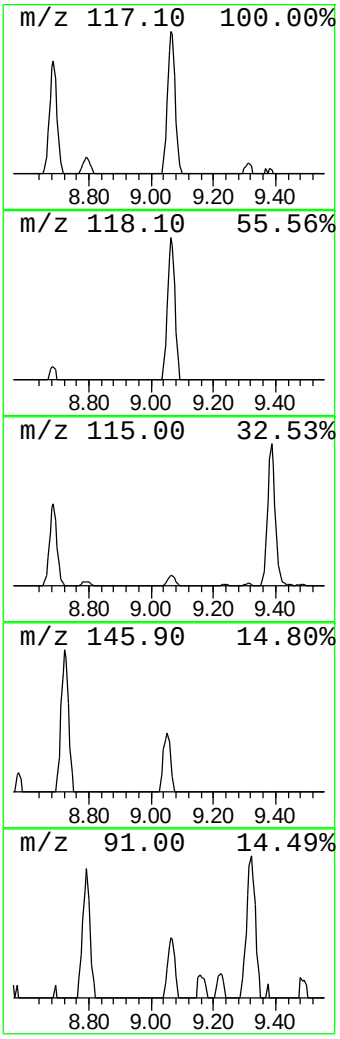
****

Peak Number 10 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	2.42 ng/ul	48940	1,4-Dichlorobenzene-d4	8.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Indane	118	C9H10	000496-11-7	74
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Indane	118	C9H10	000496-11-7	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002814.D
Acq On : 01 Oct 2015 21:26
Operator : UM/IZ
Sample : G3803-10RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E43K0RX

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

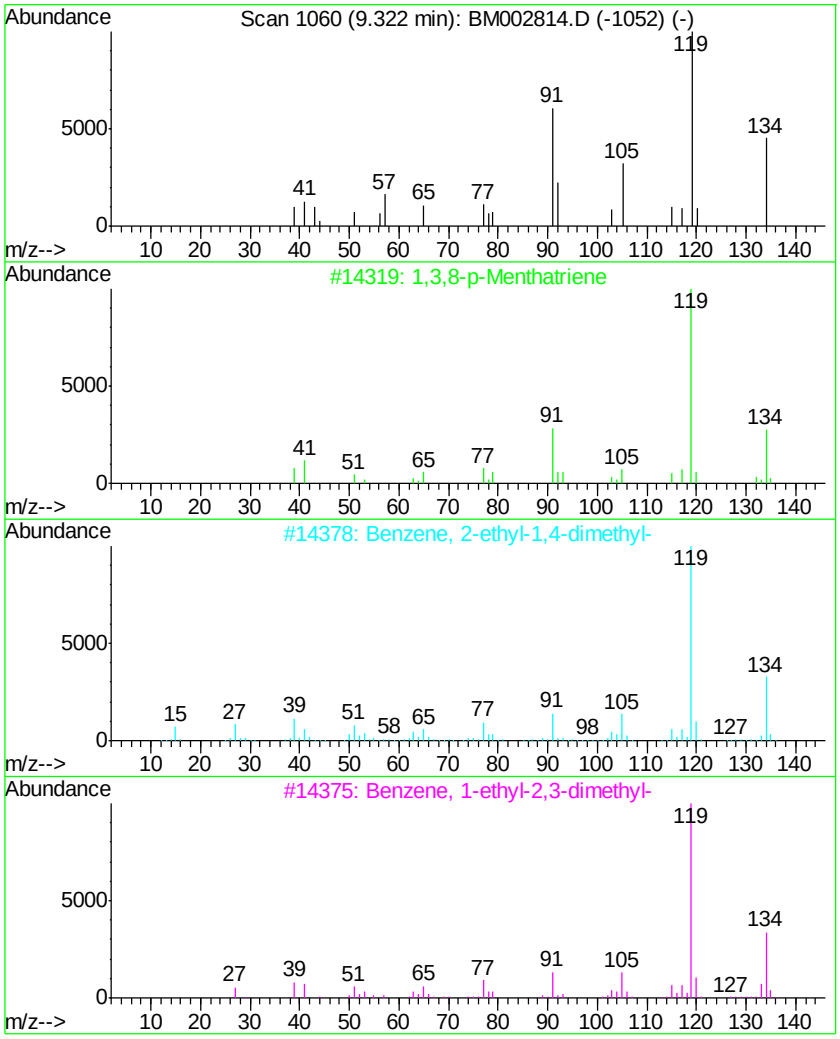
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

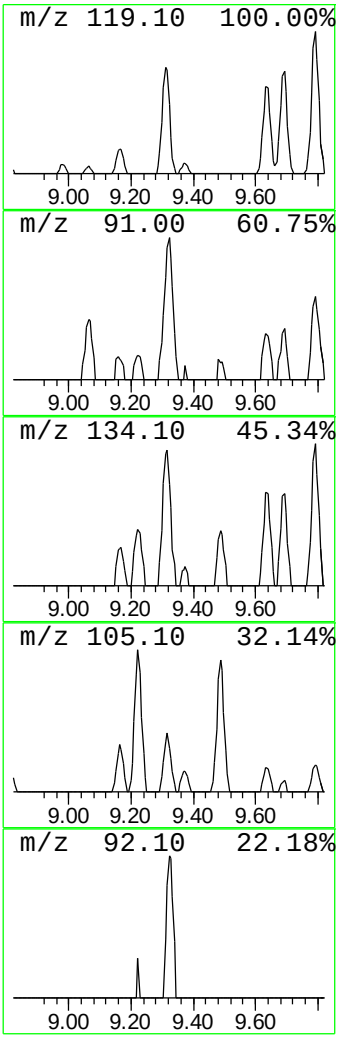
****

Peak Number 11 1,3,8-p-Menthatriene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	2.31 ng/ul	46659	1,4-Dichlorobenzene-d4	8.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	90
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002814.D
Acq On : 01 Oct 2015 21:26
Operator : UM/IZ
Sample : G3803-10RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E43K0RX

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

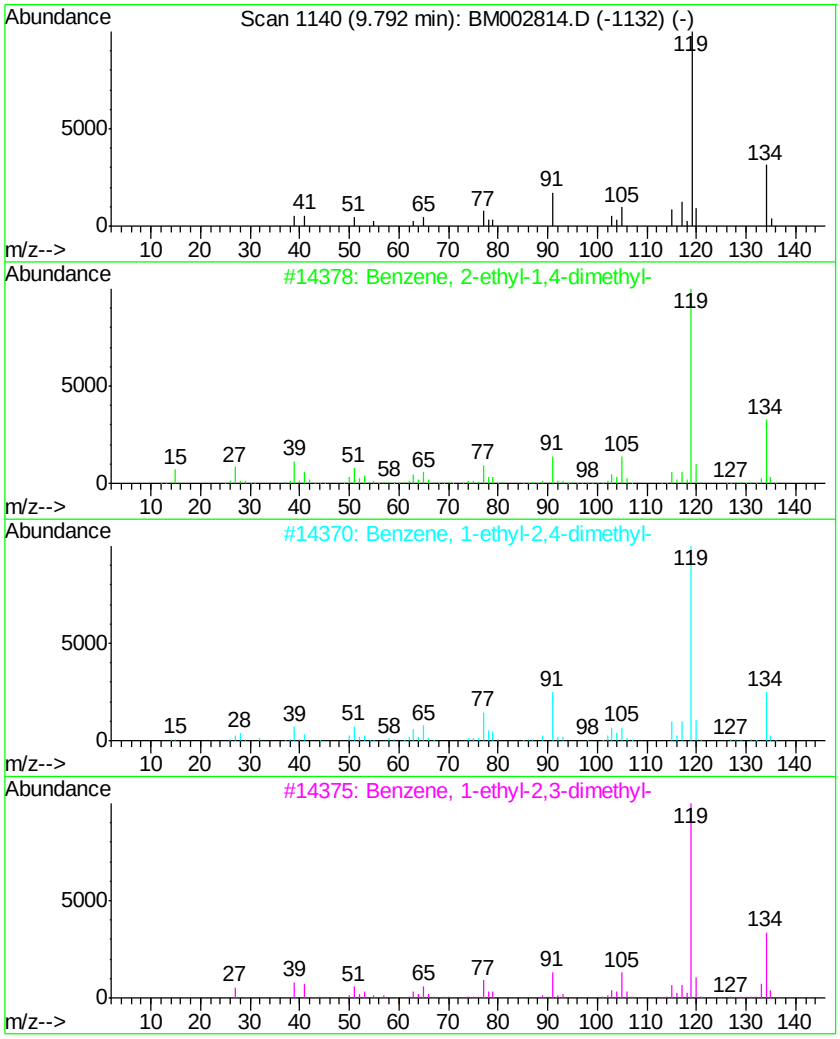
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

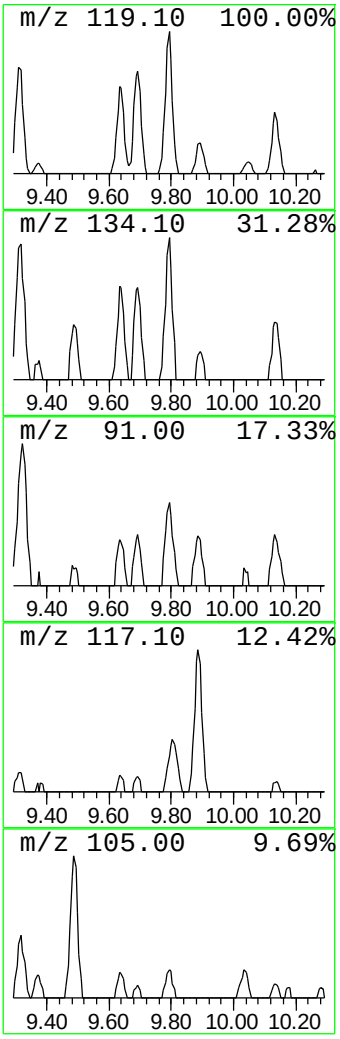
****

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	2.32 ng/ul	46932	1,4-Dichlorobenzene-d4	8.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002814.D
Acq On : 01 Oct 2015 21:26
Operator : UM/IZ
Sample : G3803-10RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E43K0RX

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

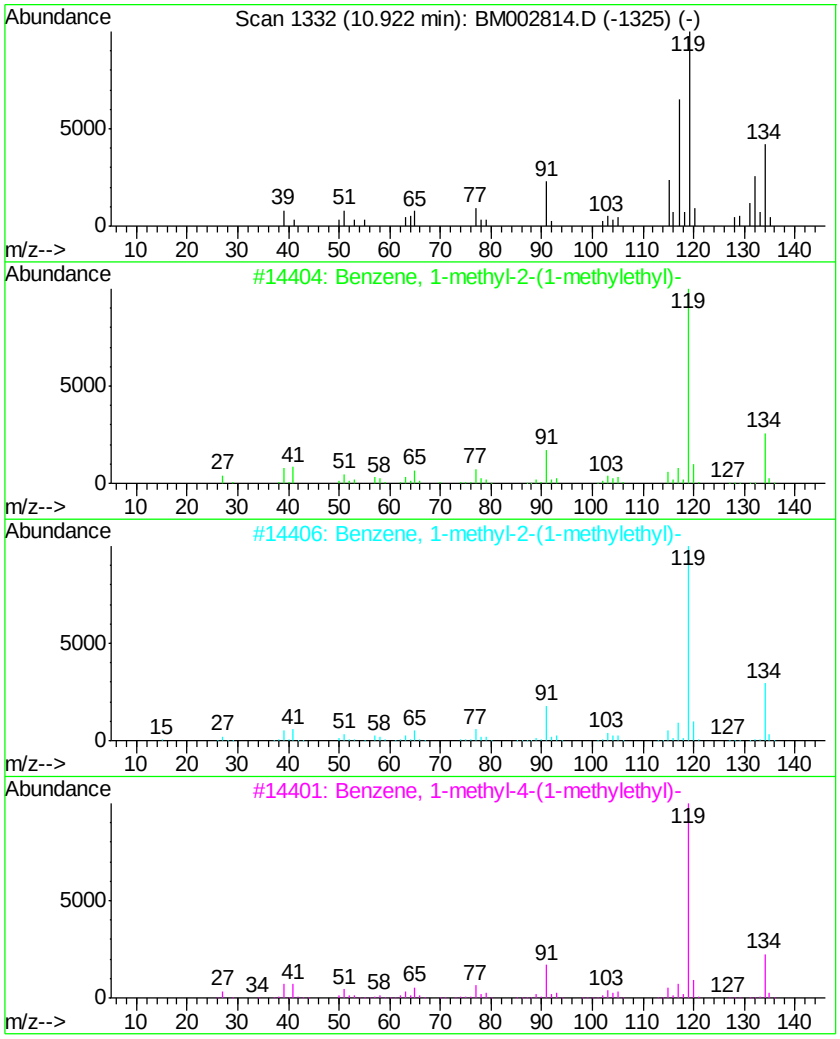
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

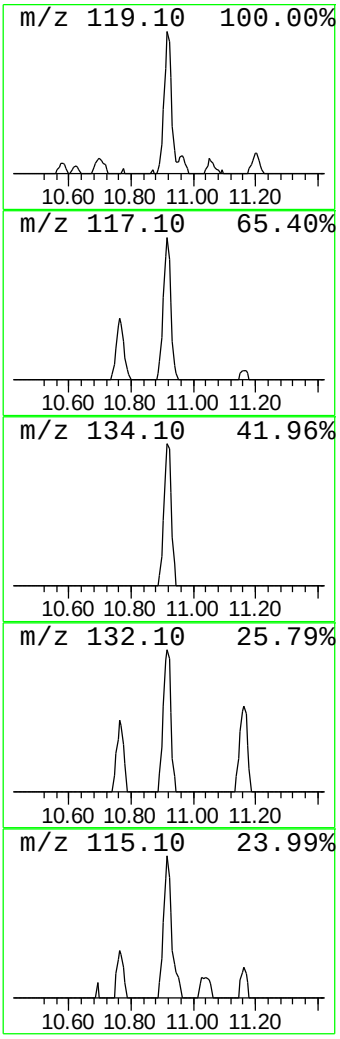
****

Peak Number 13 Benzene, 1-methyl-2-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	3.09 ng/ul	92486	Naphthalene-d8	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60





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Data File : BM002814.D
Acq On : 01 Oct 2015 21:26
Operator : UM/IZ
Sample : G3803-10RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E43K0RX

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

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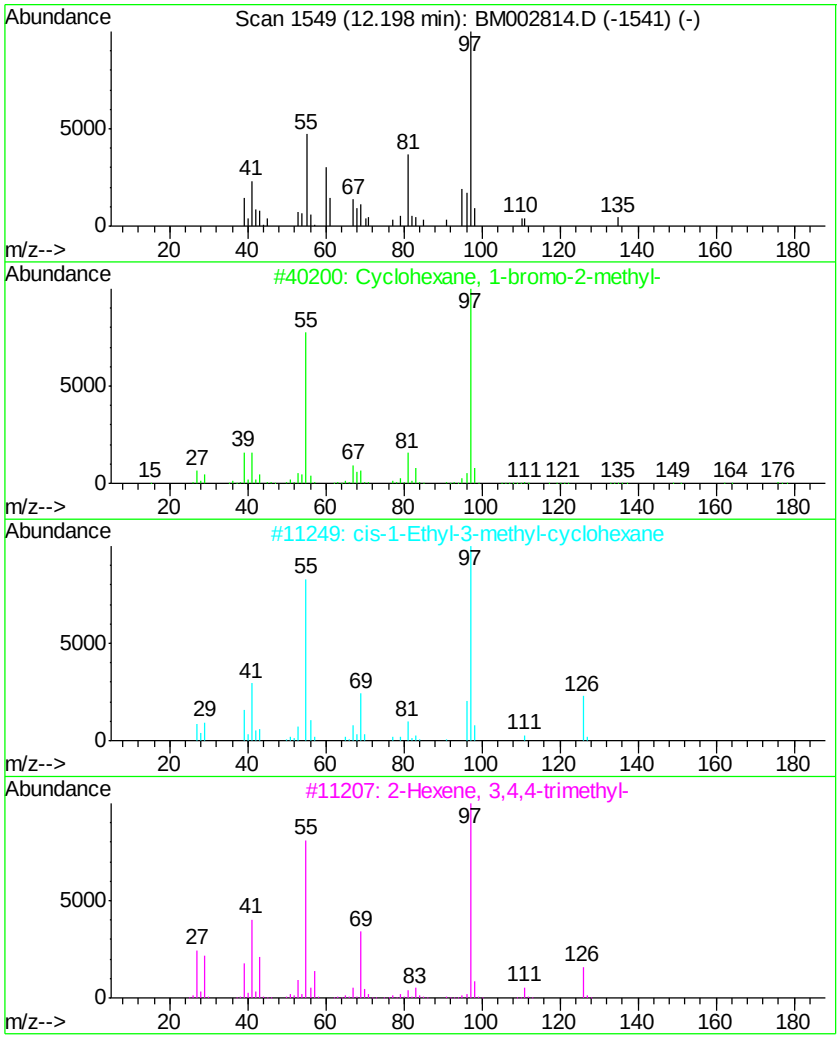
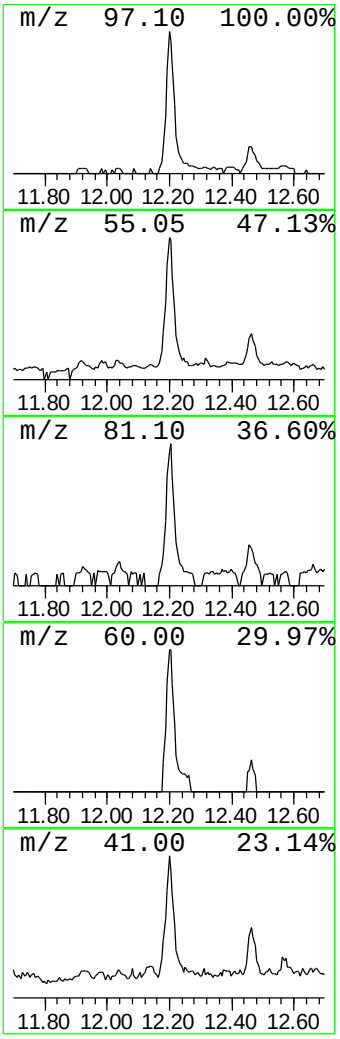
Peak Number 14 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.97 ng/ul	88752	Naphthalene-d8	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	47
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	40
3	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	38
4	Pyridine, 2-fluoro-	97	C5H4FN	000372-48-5	38
5	Furan, 2,5-dihydro-2,2,4-trimethyl-	112	C7H12O	023230-79-7	37





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Data File : BM002814.D
Acq On : 01 Oct 2015 21:26
Operator : UM/IZ
Sample : G3803-10RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E43K0RX

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

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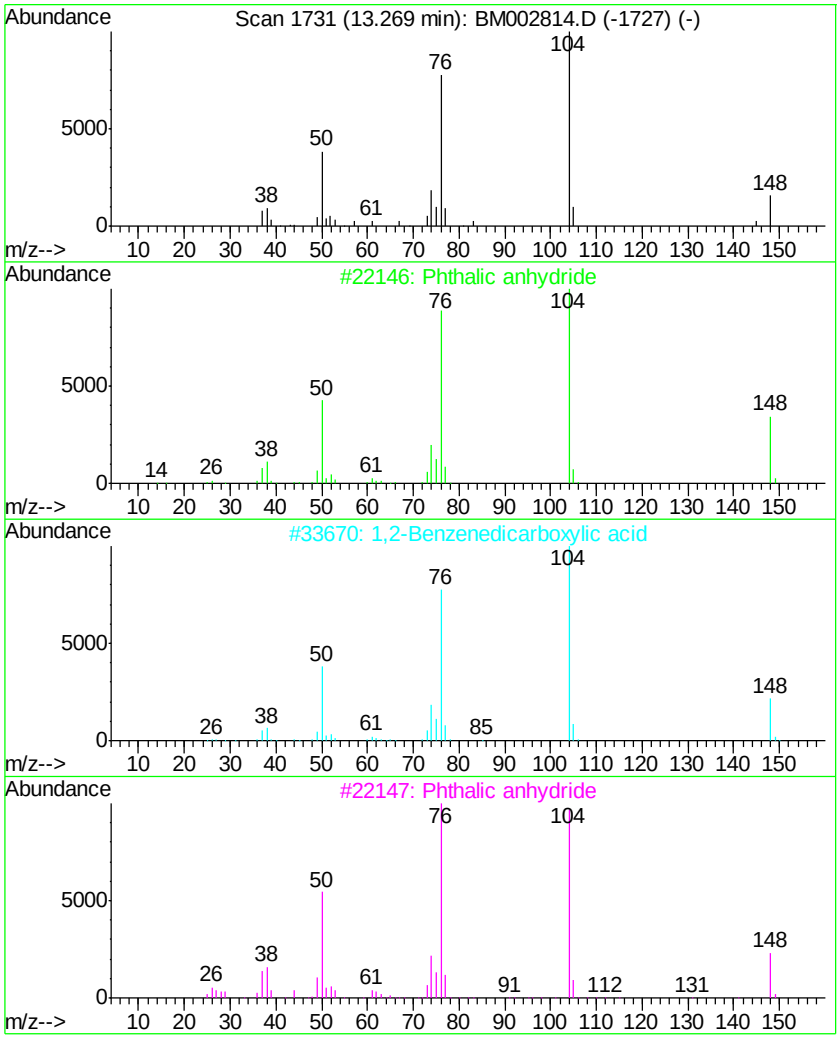
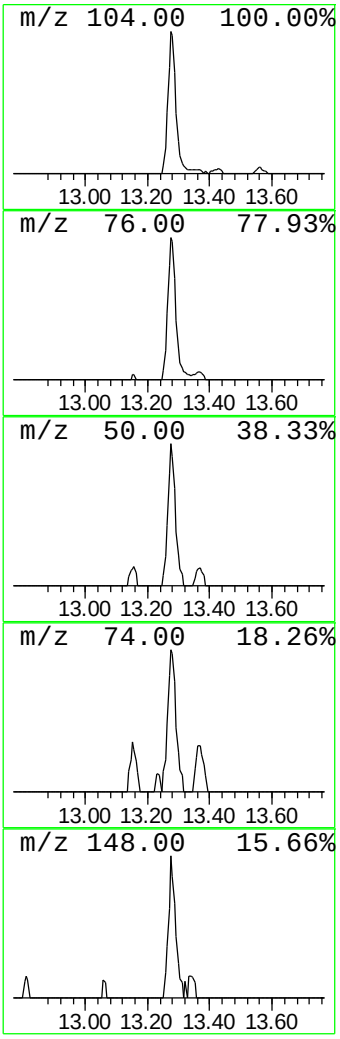
Peak Number 15 Phthalic anhydride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.30 ng/ul	98782	Naphthalene-d8	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	91
2	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
3	Phthalic anhydride	148	C8H4O3	000085-44-9	87
4	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	86
5	Phthalamic acid	165	C8H7NO3	000088-97-1	74





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002814.D
Acq On : 01 Oct 2015 21:26
Operator : UM/IZ
Sample : G3803-10RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E43K0RX

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

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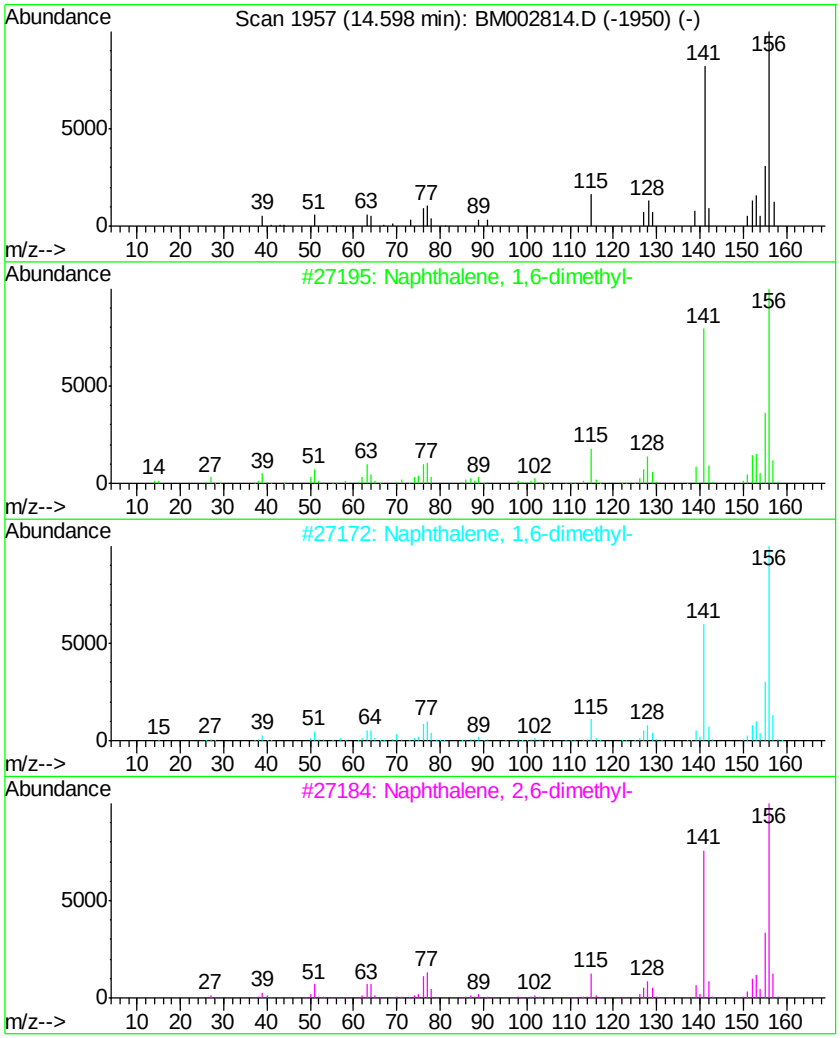
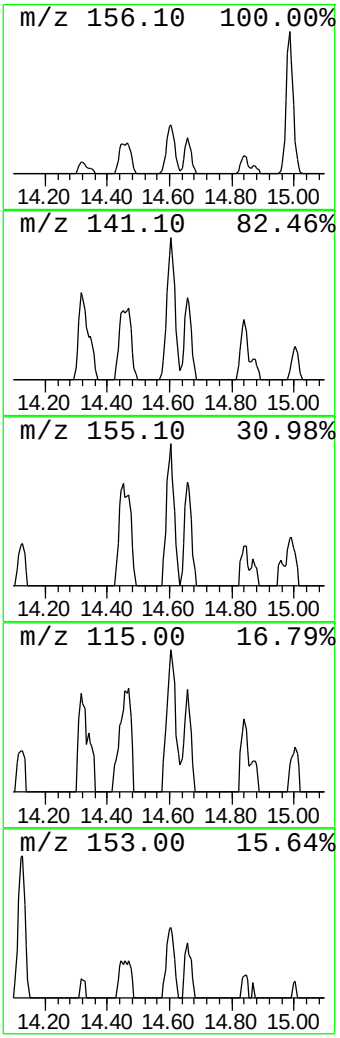
Peak Number 16 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.04 ng/ul	77890	Acenaphthene-d10	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Operator : UM/IZ
Sample : G3803-10RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E43K0RX

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

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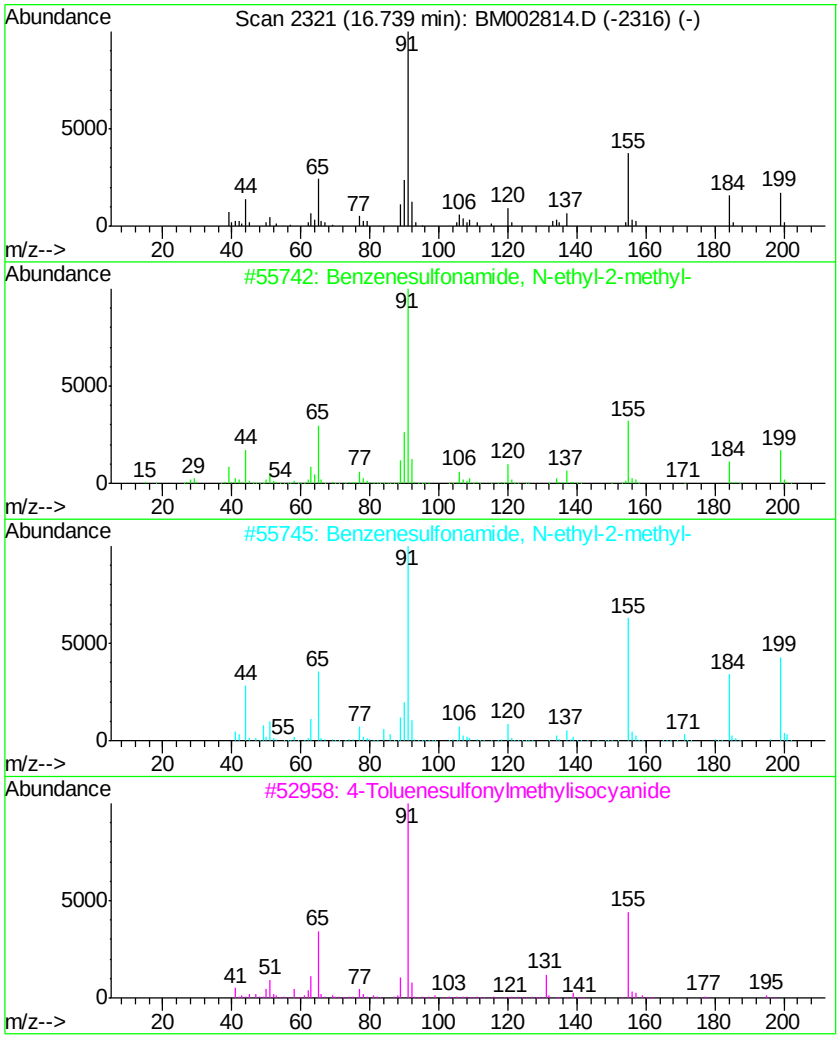
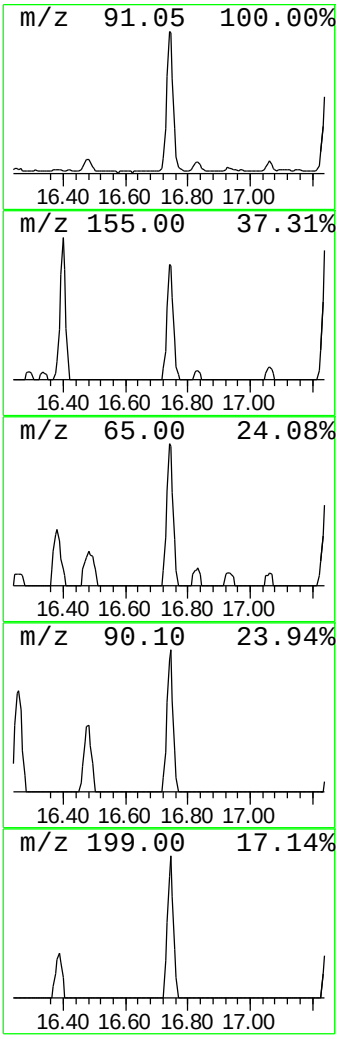
Peak Number 17 Benzenesulfonamide, N-ethyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	2.83 ng/ul	115093	Phenanthrene-d10	17.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	98
2	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	76
3	4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	47
4	4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	47
5	(O-p-Tosylisonitroso)malononitrile	249	C10H7N3O3S	020893-01-0	47





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Operator : UM/IZ
Sample : G3803-10RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E43K0RX

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

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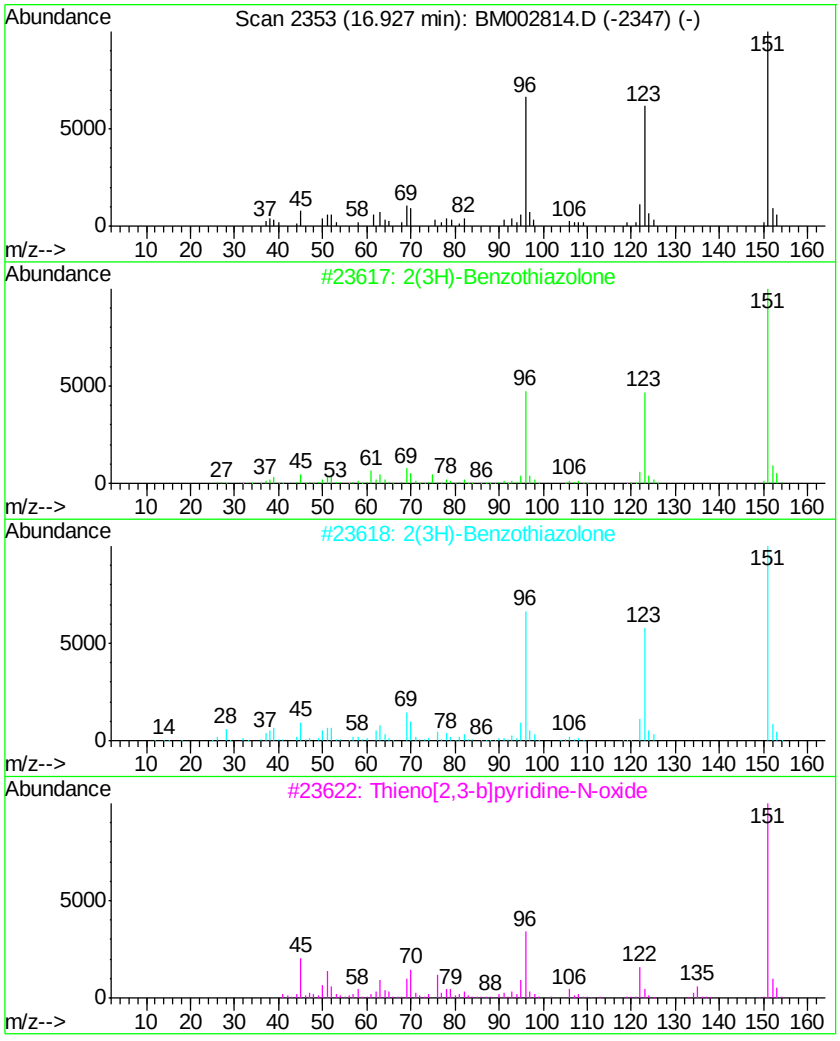
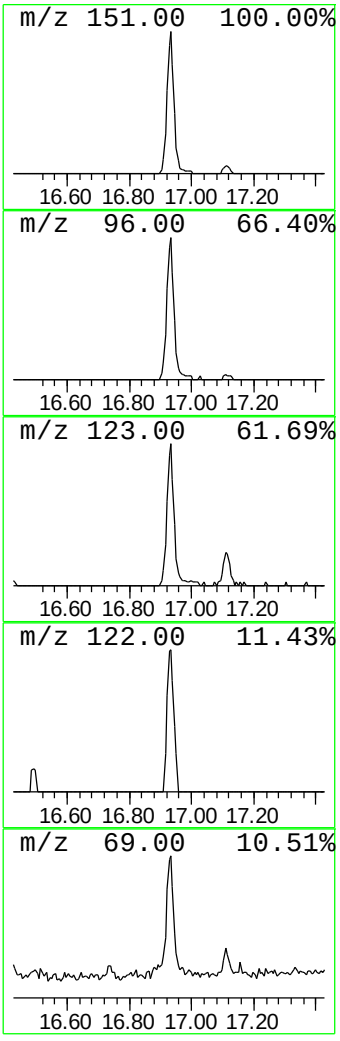
Peak Number 18 2(3H)-Benzothiazolone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	2.76 ng/ul	112121	Phenanthrene-d10	17.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	91
3	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	43
4	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	43
5	2(3H)-Benzoxazolethione	151	C7H5NOS	002382-96-9	43





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Misc :
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Instrument : BNA_M
ClientSampleId : E43K0RX

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

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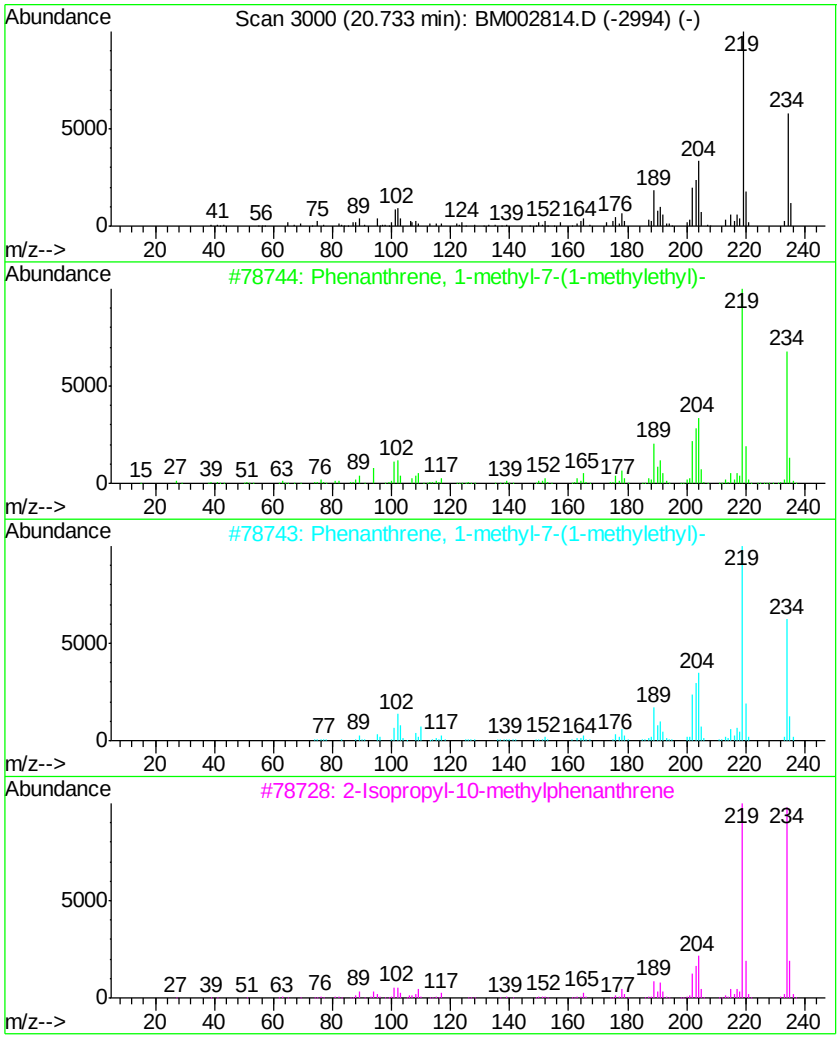
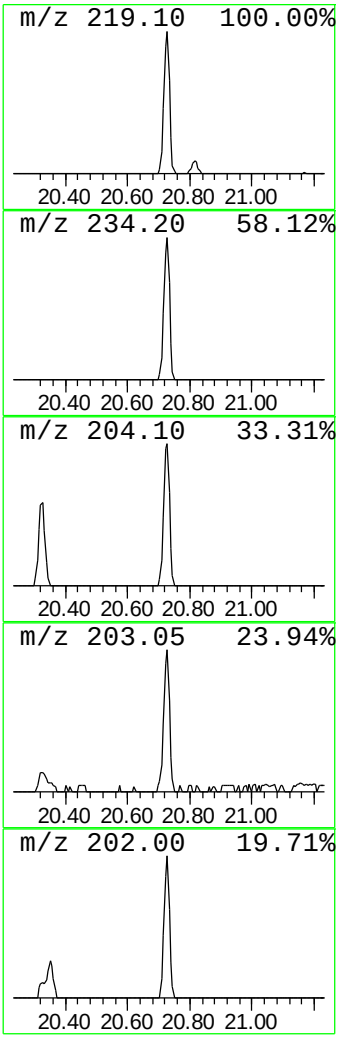
Peak Number 19 Phenanthrene, 1-methyl-7-(1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	3.51 ng/ul	171066	Chrysene-d12	22.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
2	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
3	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
4	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	64
5	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	64





Tentatively Identified Compound (LSC) summary

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Data File : BM002814.D
Acq On : 01 Oct 2015 21:26
Operator : UM/IZ
Sample : G3803-10RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E43K0RX

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.45	25.2	ng/ul	508812	1	8.69	404425	20.0
Benzene, (1-methy...	7.10	2.0	ng/ul	41229	1	8.69	404425	20.0
Benzene, 1-ethyl-...	8.04	3.3	ng/ul	65855	1	8.69	404425	20.0
Indane	9.06	2.4	ng/ul	48940	1	8.69	404425	20.0
1,3,8-p-Menthatriene	9.32	2.3	ng/ul	46659	1	8.69	404425	20.0
Benzene, 2-ethyl-...	9.79	2.3	ng/ul	46932	1	8.69	404425	20.0
Benzene, 1-methyl...	10.92	3.1	ng/ul	92486	2	11.55	597798	20.0
unknown-01	12.20	3.0	ng/ul	88752	2	11.55	597798	20.0
Phthalic anhydride	13.27	3.3	ng/ul	98782	2	11.55	597798	20.0
Naphthalene, 1,6-...	14.60	2.0	ng/ul	77890	3	15.28	762922	20.0
Benzenesulfonamid...	16.74	2.8	ng/ul	115093	4	17.99	813918	20.0
2(3H)-Benzothiazo...	16.93	2.8	ng/ul	112121	4	17.99	813918	20.0
Phenanthrene, 1-m...	20.73	3.5	ng/ul	171066	5	22.08	975928	20.0