LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003659.D
Acq On : 20 Dec 2015 17:52
Operator : UM/SJ
Sample : G4867-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

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-BM121915.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	3.898	133	138	147	rBB	29461	41687	1.69%	0.179%
2	5.216	356	362	371	rBB	250320	379137	15.33%	1.625%
3	5.363	380	387	393	rBB	15117	31696	1.28%	0.136%
4	5.716	441	447	454	rBB	183489	282638	11.43%	1.211%
5	6.187	522	527	533	rBB	26291	37506	1.52%	0.161%
6	6.845	634	639	641	rBV	19848	28711	1.16%	0.123%
7	6.875	641	644	646	rVV	24767	36983	1.50%	0.159%
8	6.922	646	652	657	rVB2	35079	71468	2.89%	0.306%
9	7.034	665	671	676	rBV	82397	123164	4.98%	0.528%
10	7.087	676	680	687	rVB	72399	102147	4.13%	0.438%
11	7.228	699	704	711	rBB	90143	138847	5.61%	0.595%
12	7.345	718	724	732	rVB	118300	192555	7.79%	0.825%
13	7.698	778	784	789	rBV	69199	104743	4.24%	0.449%
14	7.810	797	803	809	rBB	98329	145647	5.89%	0.624%
15	8.069	840	847	854	rBB	370482	587102	23.74%	2.516%
16	8.186	862	867	869	rVV	40651	57125	2.31%	0.245%
17	8.233	869	875	882	rVB	645632	1042035	42.14%	4.466%
18	8.334	887	892	897	rBB	37471	52476	2.12%	0.225%
19	8.410	898	905	911	rBB	81884	127968	5.17%	0.548%
20	8.645	940	945	950	rBV2	11035	17357	0.70%	0.074%
21	8.798	965	971	975	rBV	58235	86476	3.50%	0.371%
22	8.857	975	981	990	rVB2	109412	199986	8.09%	0.857%
23	9.122	1021	1026	1031	rBV3	23724	39181	1.58%	0.168%
24	9.322	1054	1060	1064	rBV	19358	28189	1.14%	0.121%
25	9.380	1064	1070	1075	rVB	31968	47843	1.93%	0.205%
26	9.575	1097	1103	1109	rVV	101131	158893	6.43%	0.681%
27	9.739	1126	1131	1136	rVB	39711	58575	2.37%	0.251%
28	9.916	1151	1161	1167	rBV2	247314	617492	24.97%	2.647%
29	9.986	1167	1173	1177	rVV3	391189	726542	29.38%	3.114%
30	10.028	1177	1180	1187	rVB	211347	317771	12.85%	1.362%
31	10.110	1188	1194	1201	rBB	153008	254940	10.31%	1.093%
32	10.363	1233	1237	1243	rVV	11458	17790	0.72%	0.076%
33	10.486	1252	1258	1262	rVV	114800	193805	7.84%	0.831%
34	10.533	1262	1266	1274	rVB	189153	310623	12.56%	1.331%

LSC Area Percent Report

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Operator : UM/SJ
Sample : G4867-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

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-BM121915.M
Title : SVOA CALIBRATION

35	10.657	1279	1287	1298	rVB	110802	210291	8.50%	0.901%
36	11.327	1393	1401	1410	rVB2	34206	88954	3.60%	0.381%
37	11.527	1424	1435	1439	rBV2	38027	86565	3.50%	0.371%
38	11.592	1439	1446	1451	rVV3	43959	118082	4.78%	0.506%
39	11.633	1451	1453	1456	rVV	12657	17585	0.71%	0.075%
40	11.680	1456	1461	1469	rVB	62738	110473	4.47%	0.473%
41	11.880	1490	1495	1503	rVB4	28859	53142	2.15%	0.228%
42	12.004	1508	1516	1519	rBV	16431	28391	1.15%	0.122%
43	12.051	1519	1524	1536	rVB2	90571	158910	6.43%	0.681%
44	12.269	1555	1561	1567	rVV4	10459	21355	0.86%	0.092%
45	12.380	1567	1580	1586	rVV	966679	1640430	66.34%	7.031%
46	12.433	1586	1589	1596	rVV	44906	74650	3.02%	0.320%
47	12.551	1604	1609	1614	rVV3	16565	30158	1.22%	0.129%
48	12.604	1614	1618	1626	rVV6	9238	21823	0.88%	0.094%
49	13.092	1695	1701	1707	rVV2	12775	22440	0.91%	0.096%
50	13.174	1707	1715	1725	rVB	40826	71332	2.88%	0.306%
51	13.310	1733	1738	1743	rBV	36340	54464	2.20%	0.233%
52	13.398	1747	1753	1758	rVB3	41561	66759	2.70%	0.286%
53	13.463	1759	1764	1767	rBV	14111	22742	0.92%	0.097%
54	13.521	1767	1774	1783	rVB2	77761	201353	8.14%	0.863%
55	13.668	1792	1799	1806	rBV	193168	334523	13.53%	1.434%
56	13.763	1806	1815	1823	rVB	319240	463466	18.74%	1.986%
57	13.833	1823	1827	1834	rBV2	27726	50129	2.03%	0.215%
58	13.904	1834	1839	1843	rBV	97248	148110	5.99%	0.635%
59	13.939	1843	1845	1856	rVB2	35954	52470	2.12%	0.225%
60	14.039	1856	1862	1866	rBV	353845	595479	24.08%	2.552%
61	14.351	1904	1915	1920	rVV2	198788	306153	12.38%	1.312%
62	14.415	1920	1926	1933	rVB	700866	1035827	41.89%	4.440%
63	14.563	1940	1951	1958	rBV3	40478	68791	2.78%	0.295%
64	14.751	1978	1983	1991	rBV5	13155	22153	0.90%	0.095%
65	14.939	1991	2015	2020	rBV	644021	2472841	100.00%	10.599%
66	14.986	2021	2023	2027	rVV	80539	121354	4.91%	0.520%
67	15.033	2027	2031	2039	rVB	124191	180855	7.31%	0.775%
68	15.221	2060	2063	2070	rVB3	31718	51028	2.06%	0.219%
69	15.345	2078	2084	2089	rBV	509132	716284	28.97%	3.070%
70	15.404	2089	2094	2100	rBV	114025	183704	7.43%	0.787%
71	15.468	2100	2105	2112	rVV	158974	234046	9.46%	1.003%

LSC Area Percent Report

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Data File : BM003659.D
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Operator : UM/SJ
Sample : G4867-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

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-BM121915.M
Title : SVOA CALIBRATION

72	15.527	2112	2115	2118	rVV	18529	24053	0.97%	0.103%
73	15.562	2118	2121	2124	rVV4	20548	33894	1.37%	0.145%
74	15.604	2124	2128	2133	rVV5	28416	59845	2.42%	0.256%
75	15.651	2133	2136	2140	rVB	13237	18751	0.76%	0.080%
76	15.698	2140	2144	2148	rBV3	18028	29263	1.18%	0.125%
77	15.739	2148	2151	2155	rVB2	16573	22623	0.91%	0.097%
78	15.815	2160	2164	2168	rVB	26107	37797	1.53%	0.162%
79	16.080	2203	2209	2216	rBV2	100836	231379	9.36%	0.992%
80	16.945	2344	2356	2364	rVV	244323	536778	21.71%	2.301%
81	17.015	2364	2368	2377	rVV	177910	329079	13.31%	1.410%
82	17.098	2377	2382	2386	rVV	299108	439571	17.78%	1.884%
83	17.139	2386	2389	2393	rVV	66107	96762	3.91%	0.415%
84	17.198	2393	2399	2409	rVV	579419	850351	34.39%	3.645%
85	17.298	2411	2416	2423	rVB2	39423	66552	2.69%	0.285%
86	17.503	2447	2451	2456	rVV	25210	35534	1.44%	0.152%
87	17.551	2456	2459	2463	rVB2	13842	18239	0.74%	0.078%
88	17.739	2485	2491	2499	rVV5	18241	54722	2.21%	0.235%
89	17.939	2521	2525	2529	rBV2	14508	20660	0.84%	0.089%
90	18.092	2548	2551	2557	rVB3	13828	21250	0.86%	0.091%
91	18.168	2559	2564	2570	rBV3	14015	28319	1.15%	0.121%
92	18.909	2683	2690	2698	rVB5	8604	19899	0.80%	0.085%
93	19.503	2785	2791	2801	rBV	702106	1018083	41.17%	4.364%
94	19.974	2867	2871	2877	rVV	117815	146504	5.92%	0.628%
95	20.244	2913	2917	2922	rBV3	15626	19278	0.78%	0.083%
96	21.297	3091	3096	3101	rBV	480031	600647	24.29%	2.574%
97	22.486	3294	3298	3306	rVB	27088	42914	1.74%	0.184%
98	23.403	3446	3454	3462	rVB	609015	1147826	46.42%	4.920%
99	23.544	3471	3478	3486	rVB	297438	564255	22.82%	2.418%
100	24.797	3687	3691	3700	rVB4	8704	20690	0.84%	0.089%

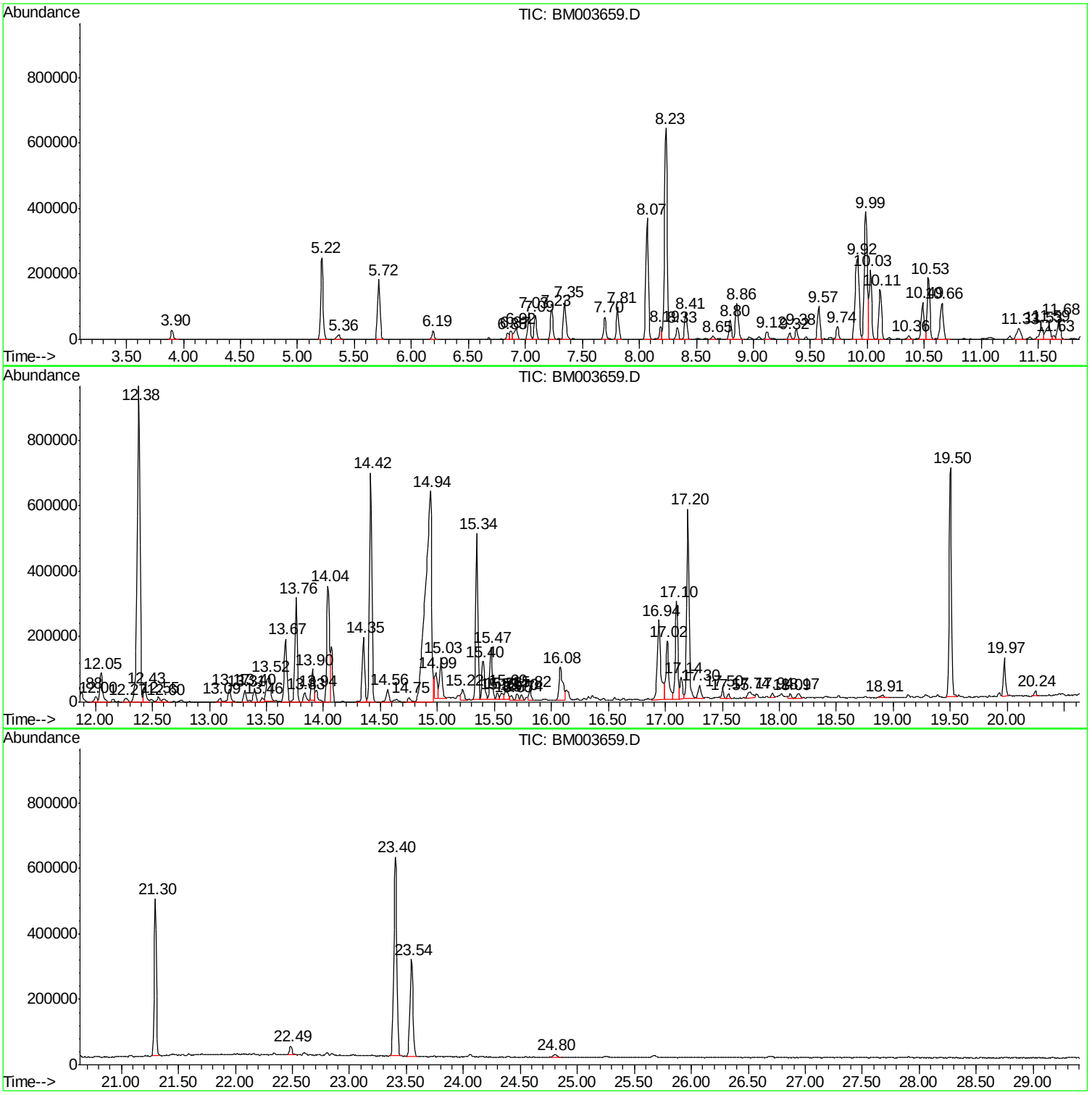
Sum of corrected areas: 23331728

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003659.D
Acq On : 20 Dec 2015 17:52
Operator : UM/SJ
Sample : G4867-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G9DA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.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\BM122015\
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Acq On : 20 Dec 2015 17:52
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

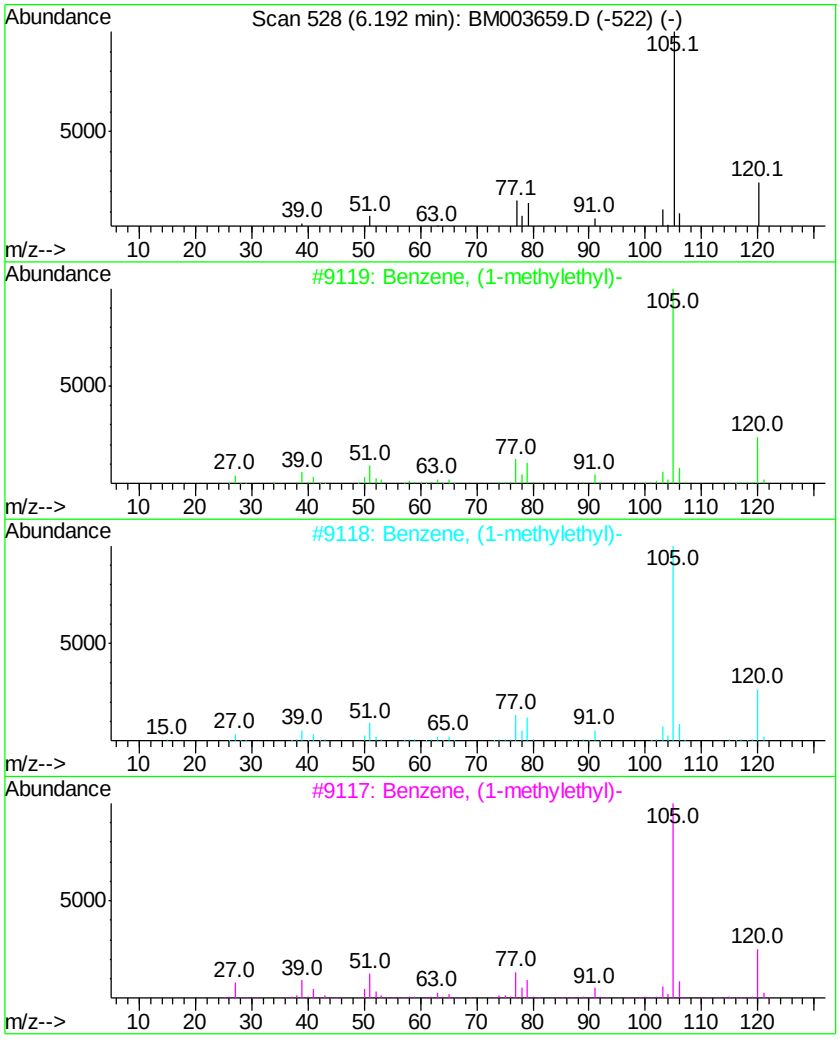
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

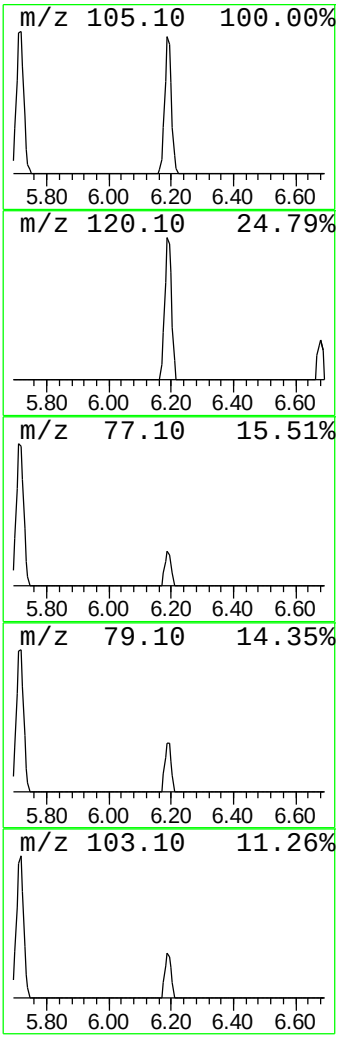
****

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	7.16 ng/ul	37506	1,4-Dichlorobenzene-d4	7.70

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	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003659.D
Acq On : 20 Dec 2015 17:52
Operator : UM/SJ
Sample : G4867-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

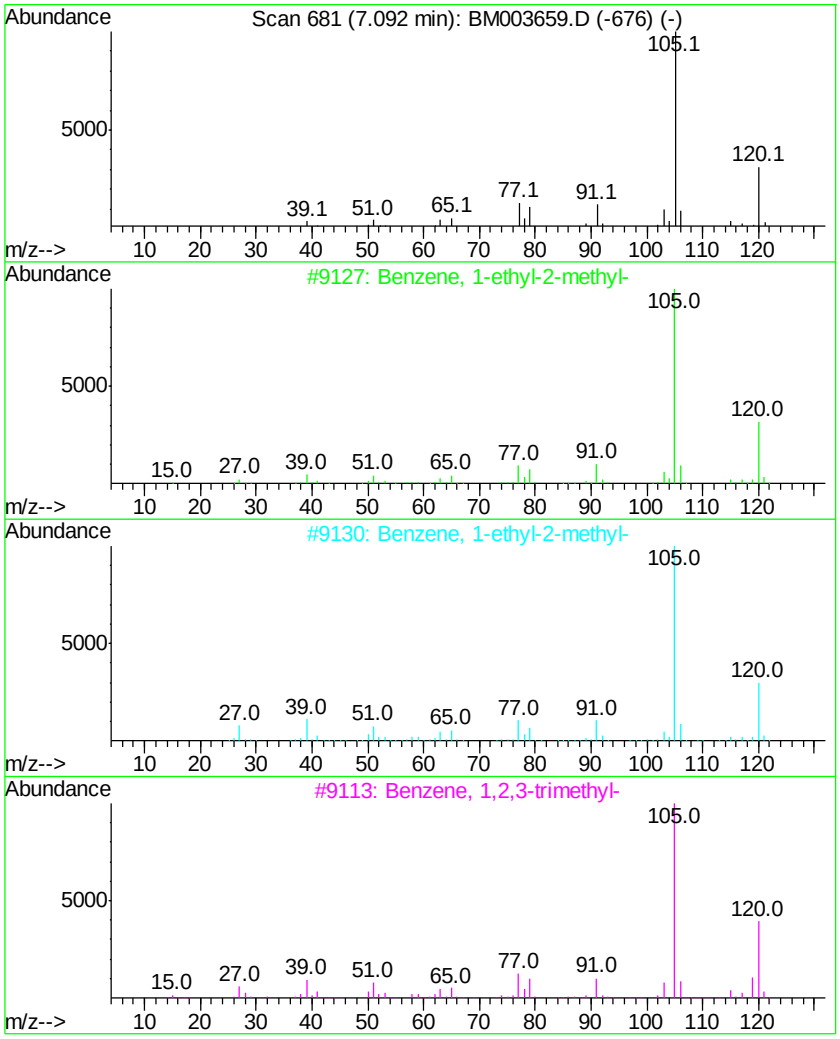
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

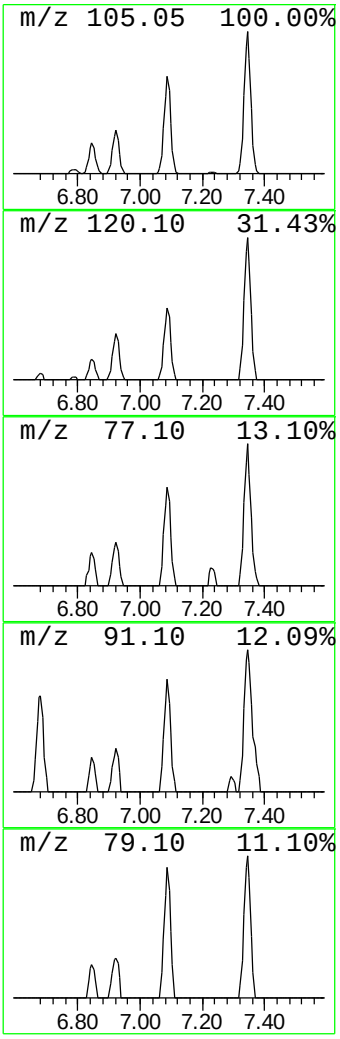
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	19.50 ng/ul	102147	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Operator : UM/SJ
Sample : G4867-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

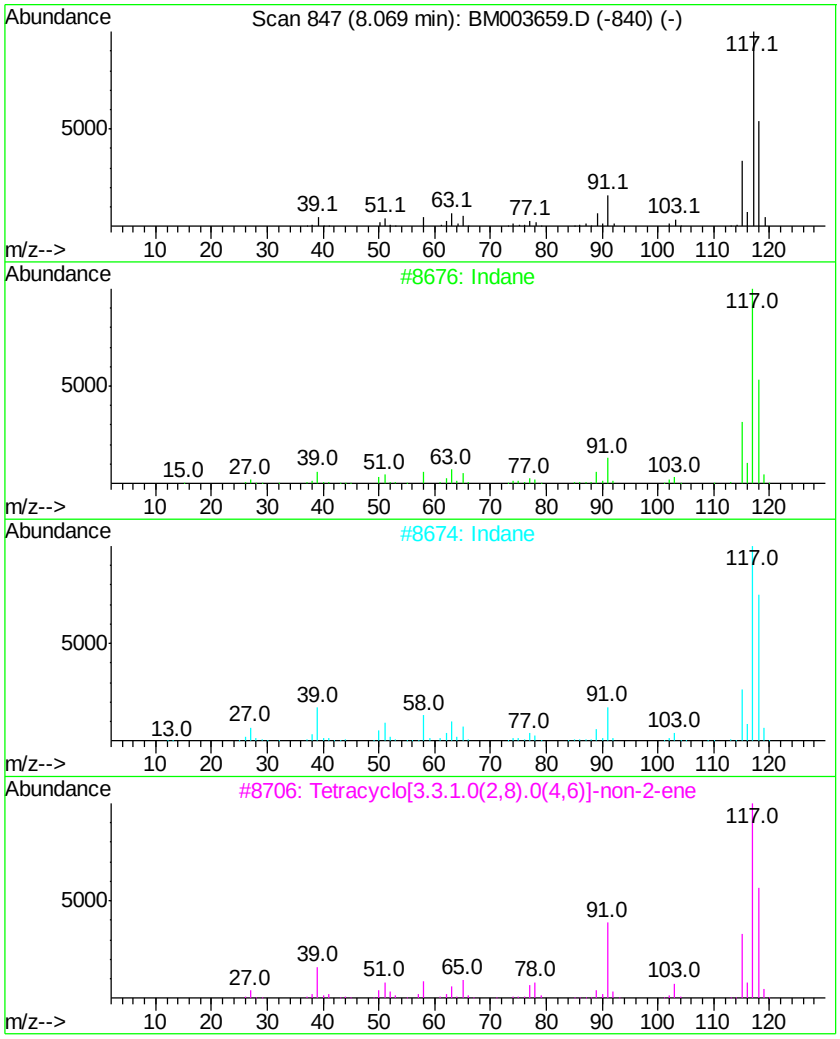
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

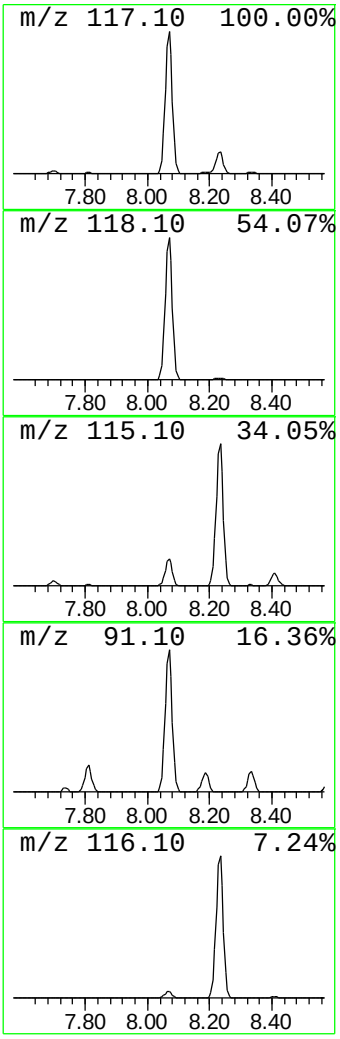
****

Peak Number 9 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	112.10 ng/ul	587102	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
5	Deltacyclene	118	C9H10	007785-10-6	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003659.D
Acq On : 20 Dec 2015 17:52
Operator : UM/SJ
Sample : G4867-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

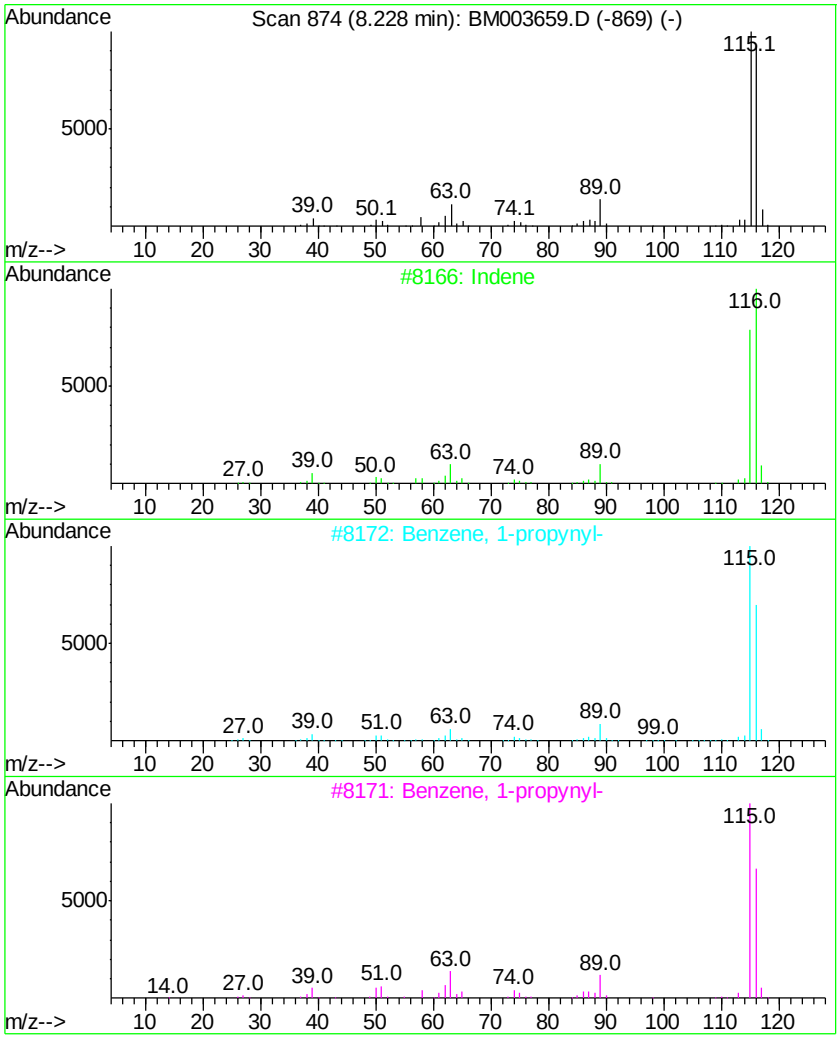
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

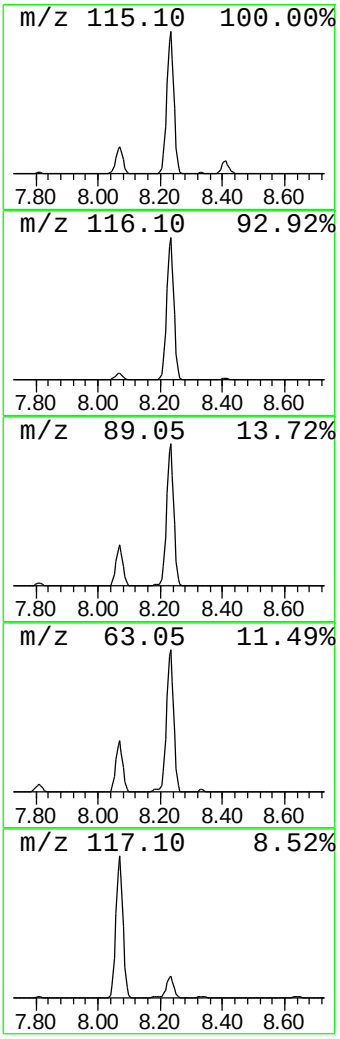
****

Peak Number 10 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	198.97 ng/ul	1042040	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003659.D
Acq On : 20 Dec 2015 17:52
Operator : UM/SJ
Sample : G4867-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

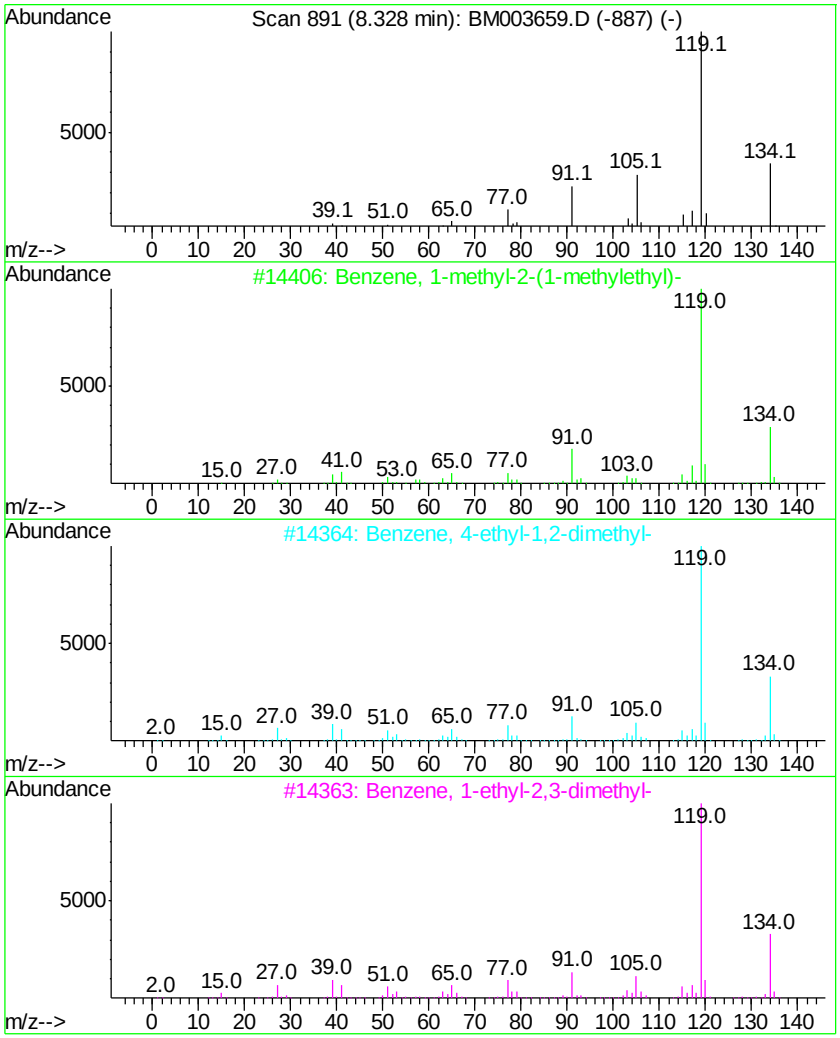
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

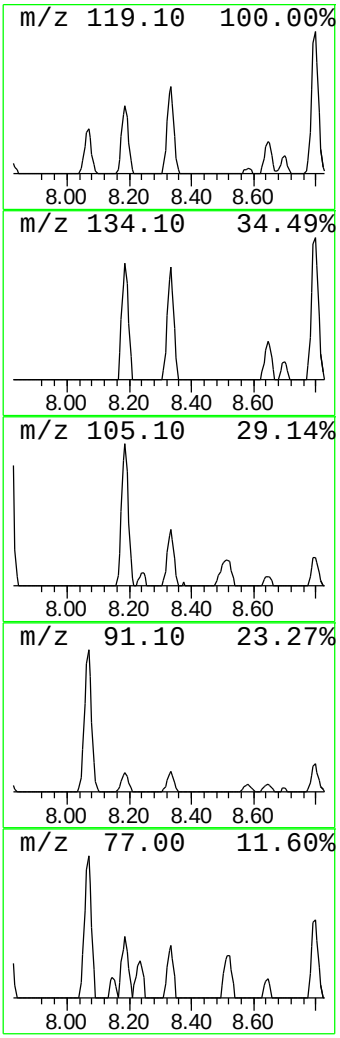
****

Peak Number 11 Benzene, 1-methyl-2-(1-meth... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	10.02 ng/ul	52476	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003659.D
Acq On : 20 Dec 2015 17:52
Operator : UM/SJ
Sample : G4867-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

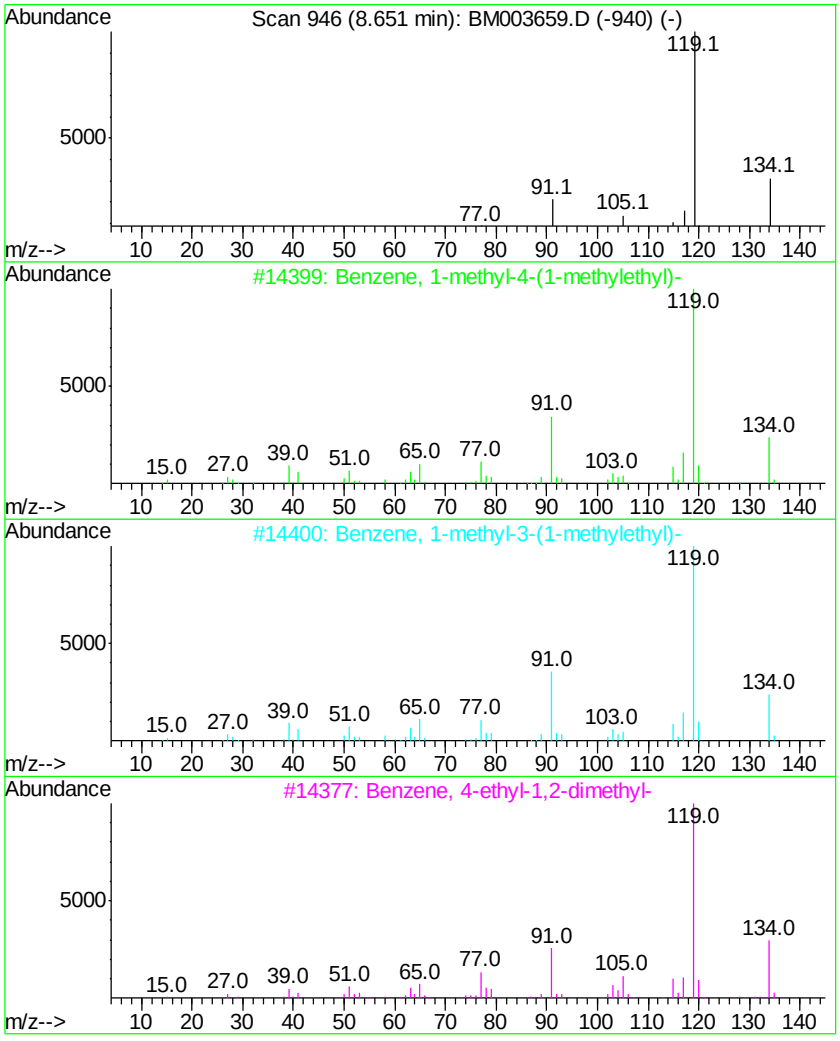
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

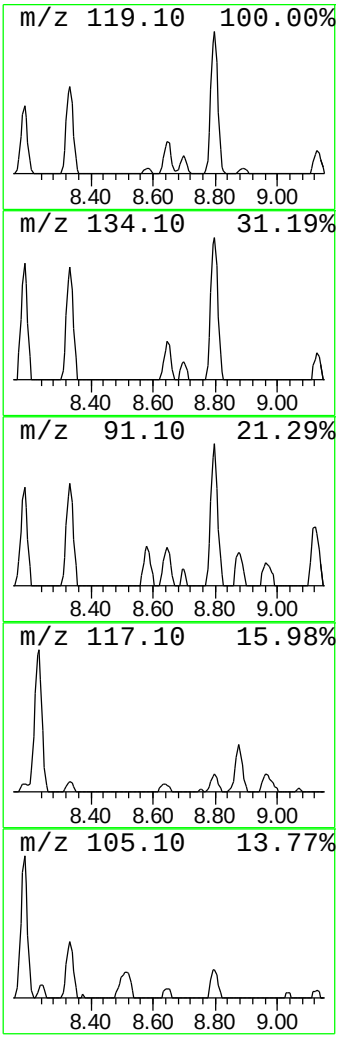
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-methyl-4-(1-meth... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	3.31 ng/ul	17357	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	90
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	83
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	80





Library Search Compound Report

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Acq On : 20 Dec 2015 17:52
Operator : UM/SJ
Sample : G4867-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

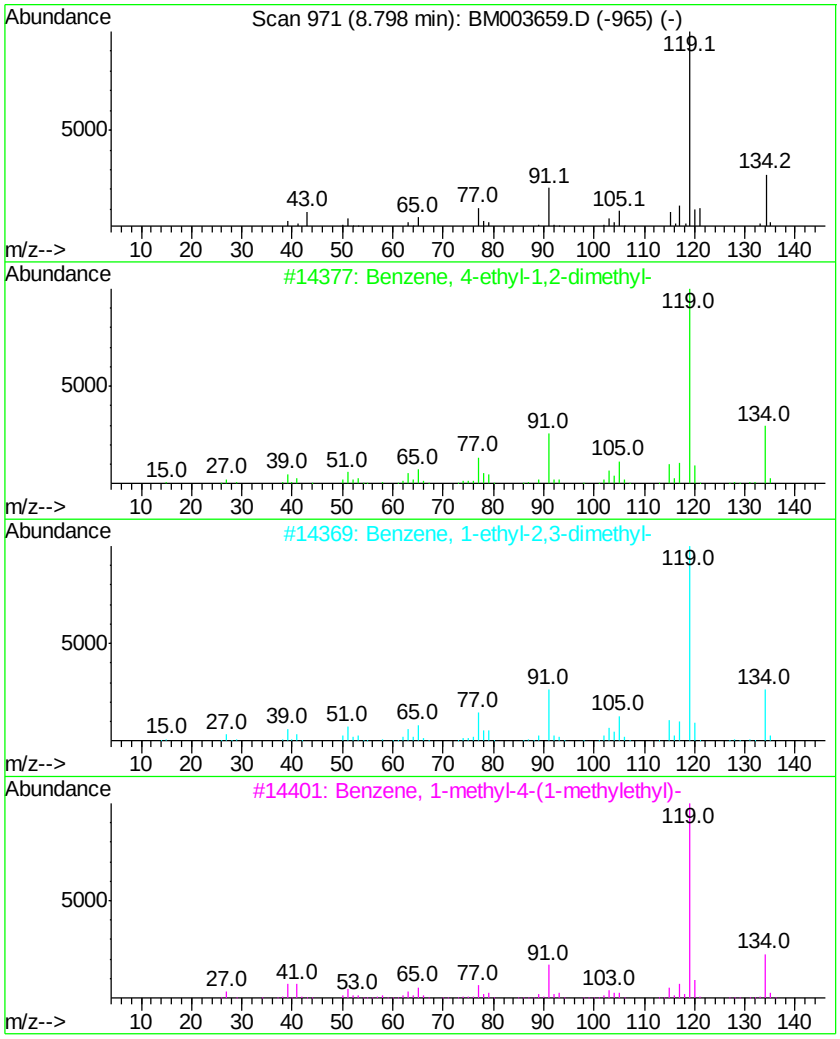
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

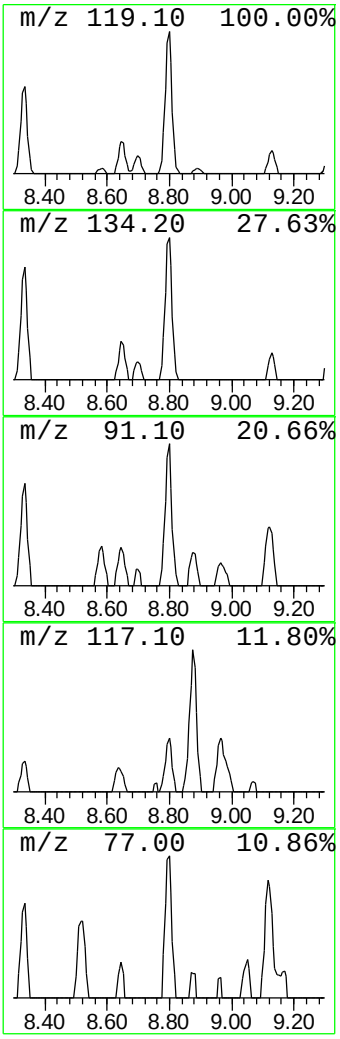
****

Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	16.51 ng/ul	86476	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





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Sample : G4867-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

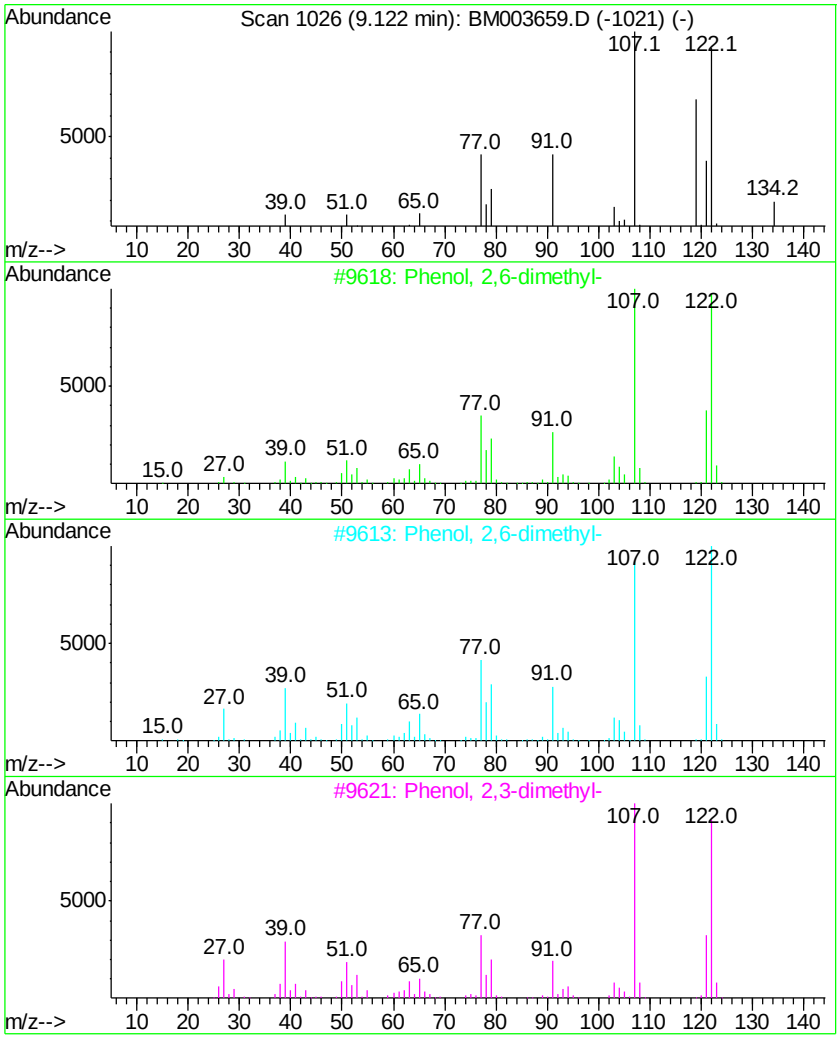
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

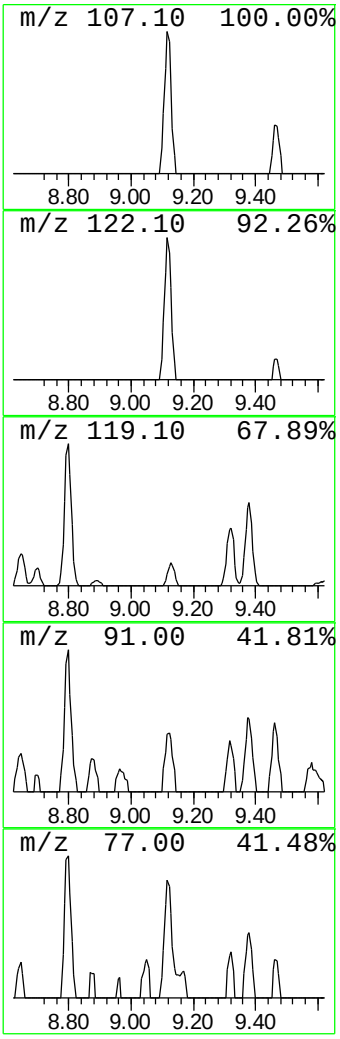
****

Peak Number 14 Phenol, 2,6-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	4.04 ng/ul	39181	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	93
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	81





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

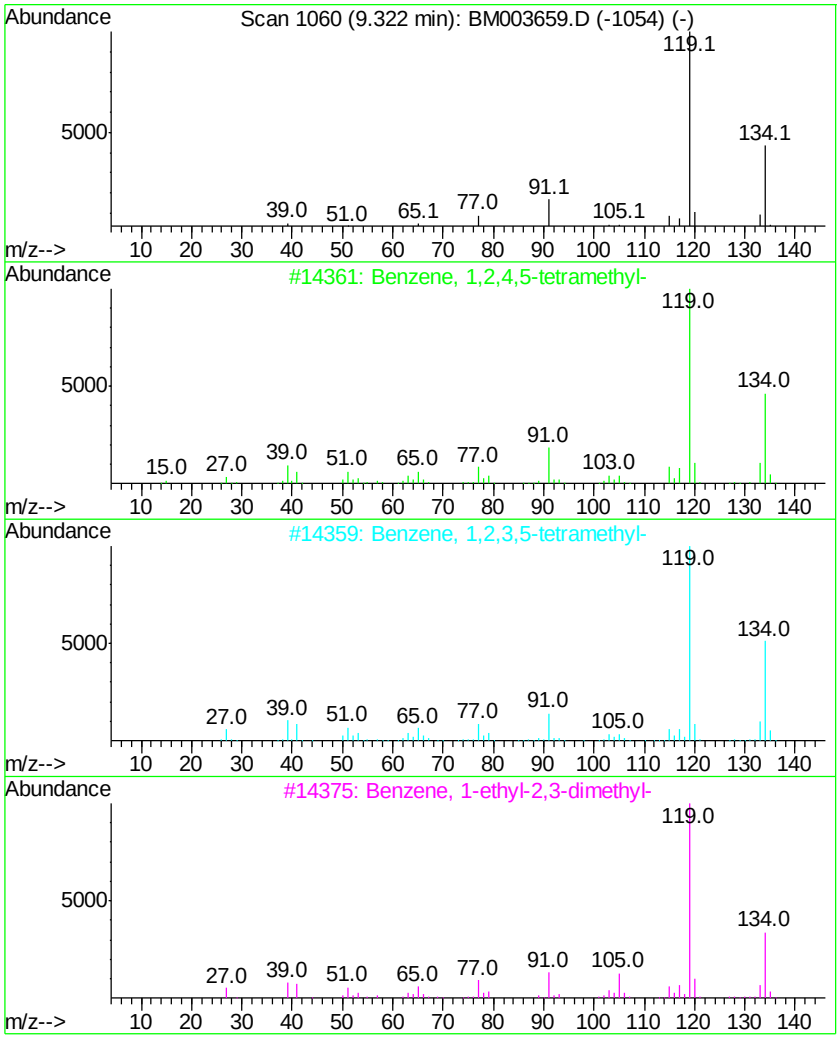
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

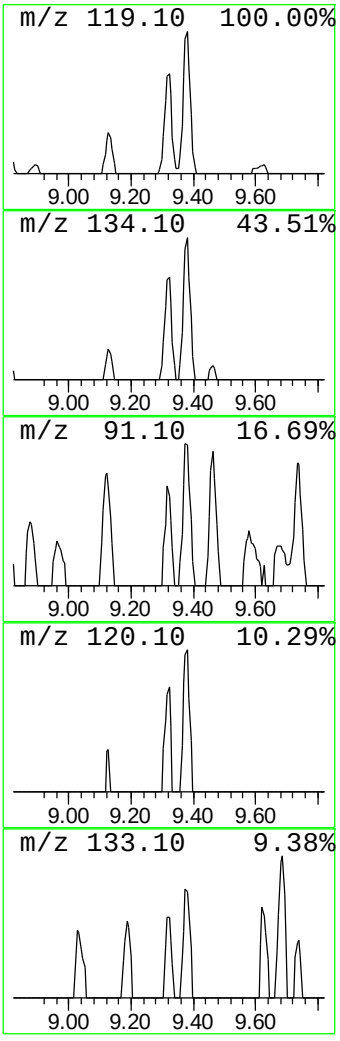
****

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	2.91 ng/ul	28189	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Library Search Compound Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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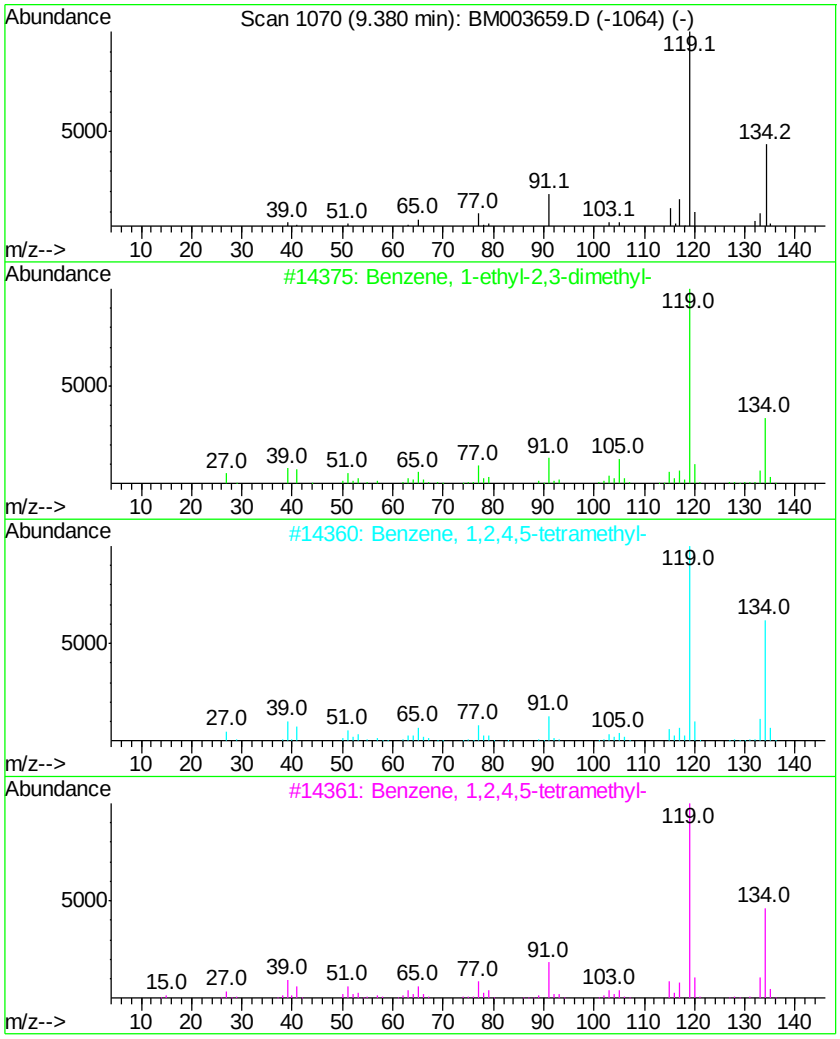
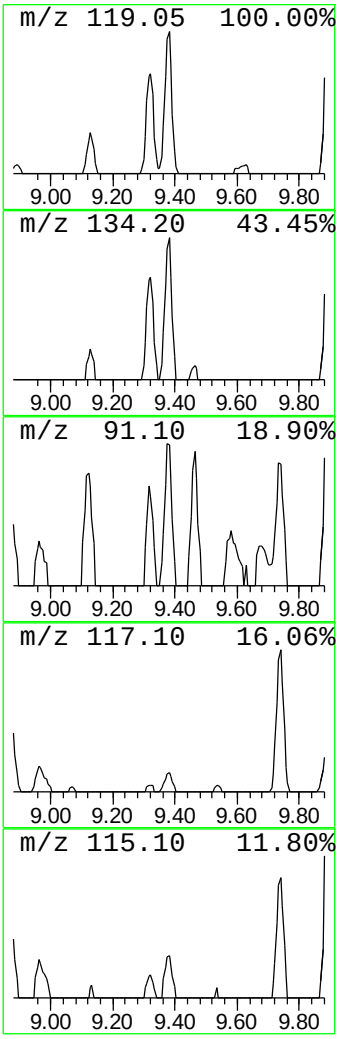
Peak Number 16 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	4.94 ng/ul	47843	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

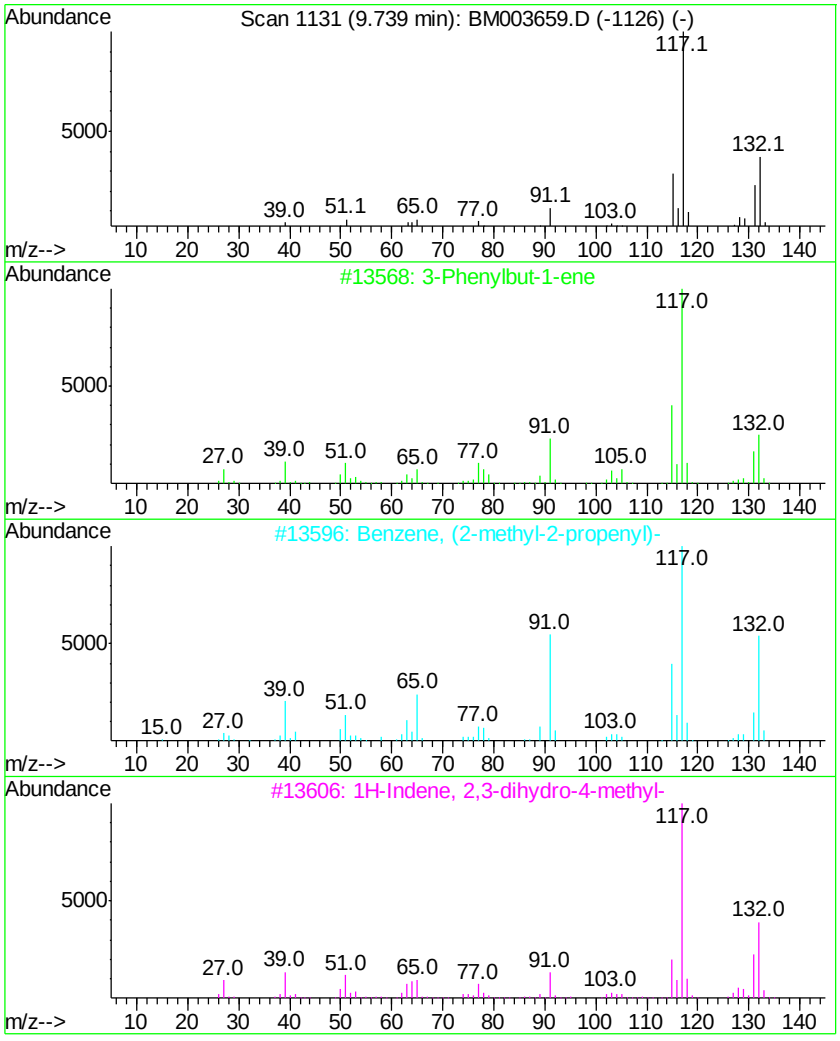
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

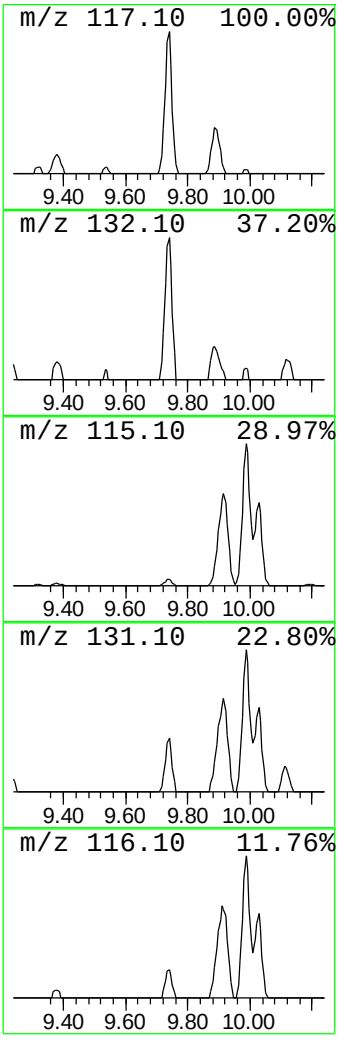
****

Peak Number 17 3-Phenylbut-1-ene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	6.04 ng/ul	58575	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87





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Sample : G4867-05
Misc :
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Instrument : BNA_M
ClientSampleId : G9DA2

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Quant Title : SVOA CALIBRATION

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

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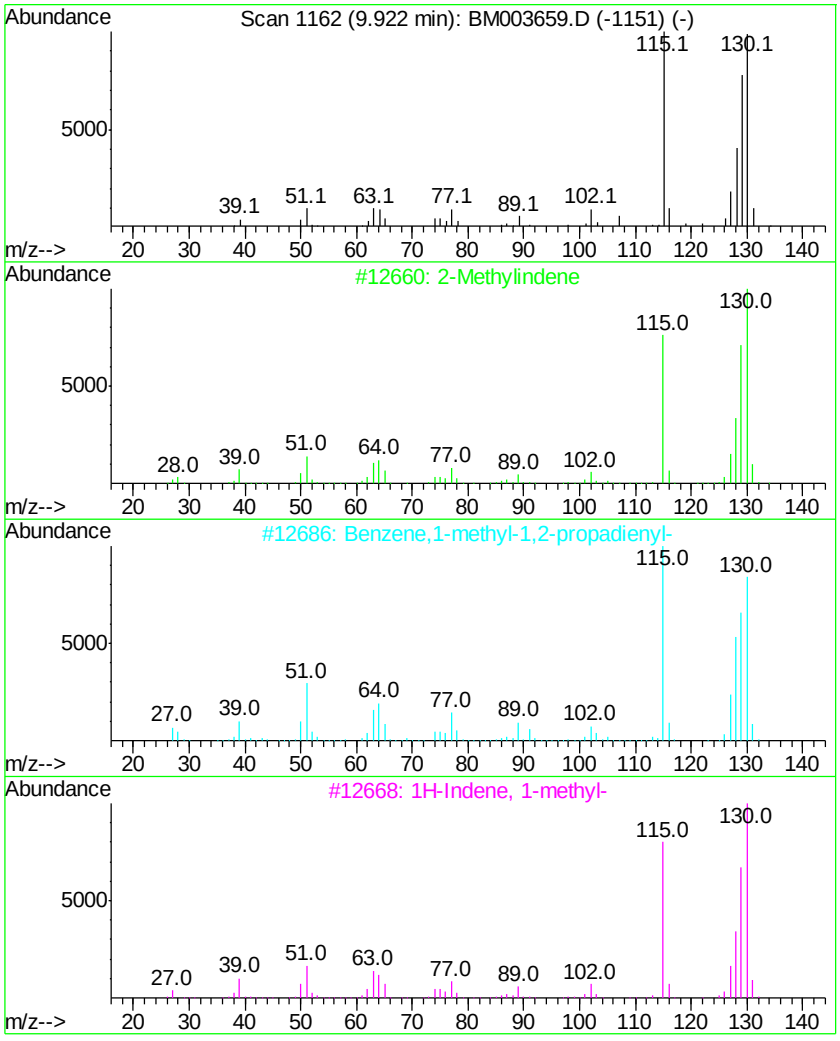
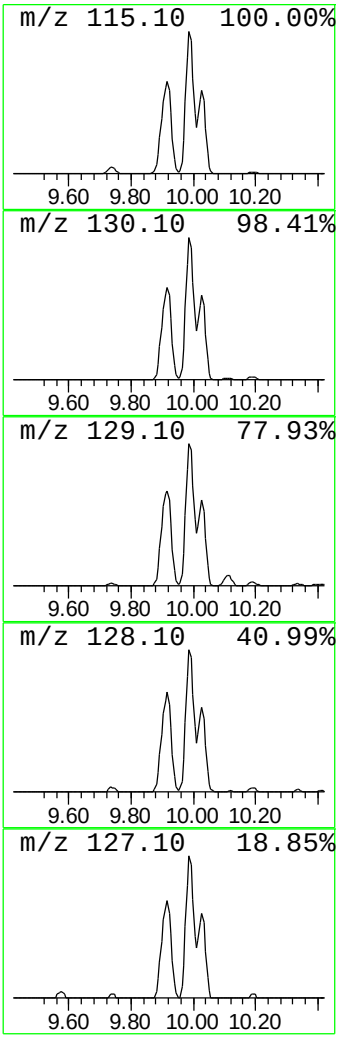
Peak Number 18 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	63.72 ng/ul	617492	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	95
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	92
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	91





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ClientSampleId : G9DA2

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Quant Title : SVOA CALIBRATION

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

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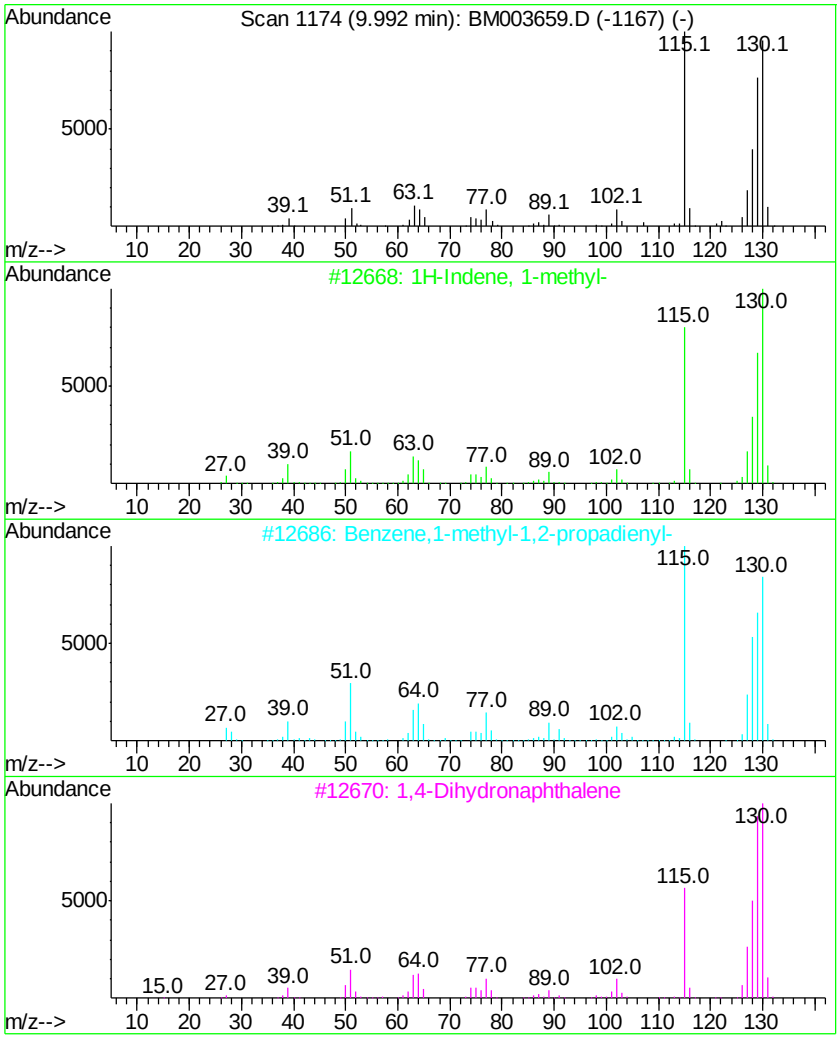
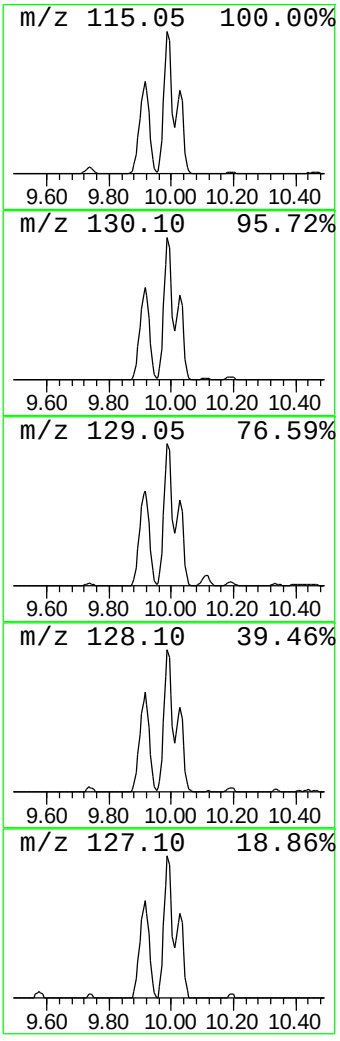
Peak Number 19 1H-Indene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	74.98 ng/ul	726542	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	91
5	2-Methylindene	130	C10H10	002177-47-1	91





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Misc :
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Instrument : BNA_M
ClientSampleId : G9DA2

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Quant Title : SVOA CALIBRATION

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

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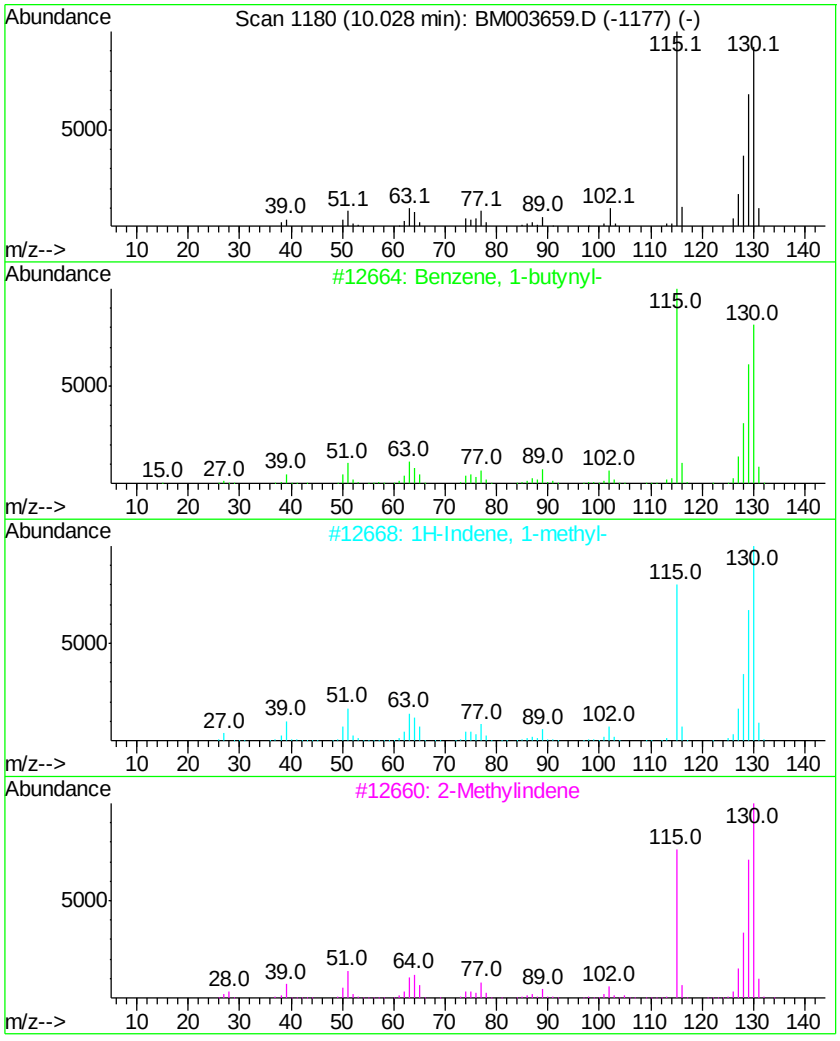
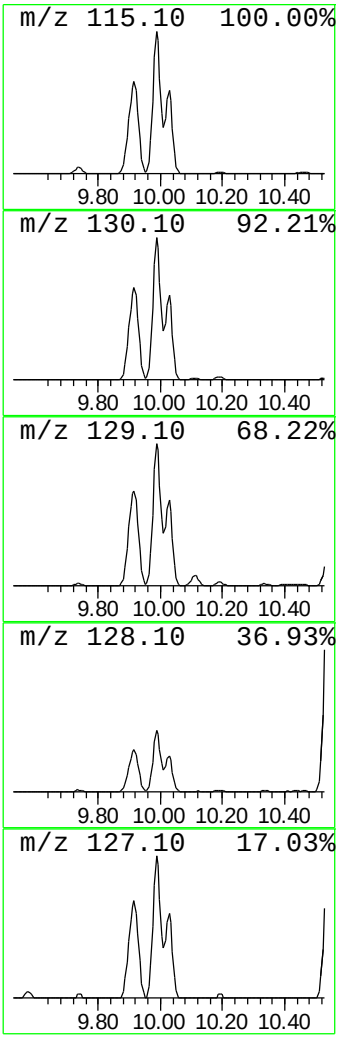
Peak Number 20 Benzene, 1-butynyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	32.79 ng/ul	317771	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3	2-Methylindene	130	C10H10	002177-47-1	94
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91





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Misc :
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ClientSampleId : G9DA2

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Quant Title : SVOA CALIBRATION

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

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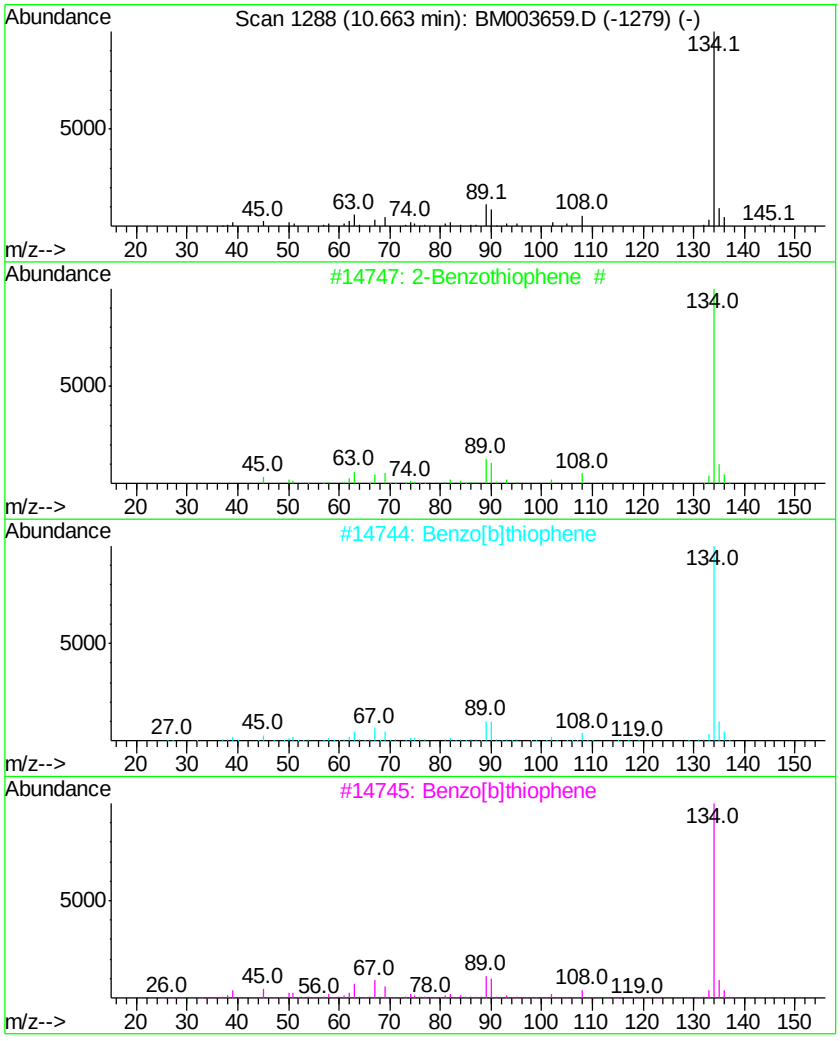
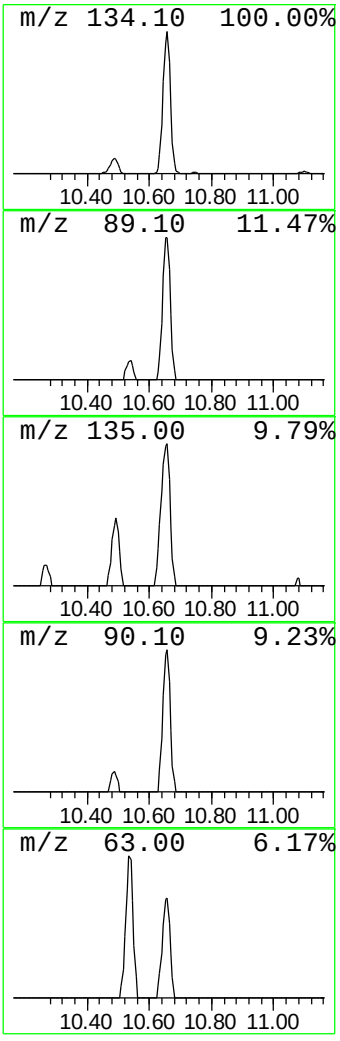
Peak Number 21 2-Benzothiophene # Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	21.70 ng/ul	210291	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzothiophene #	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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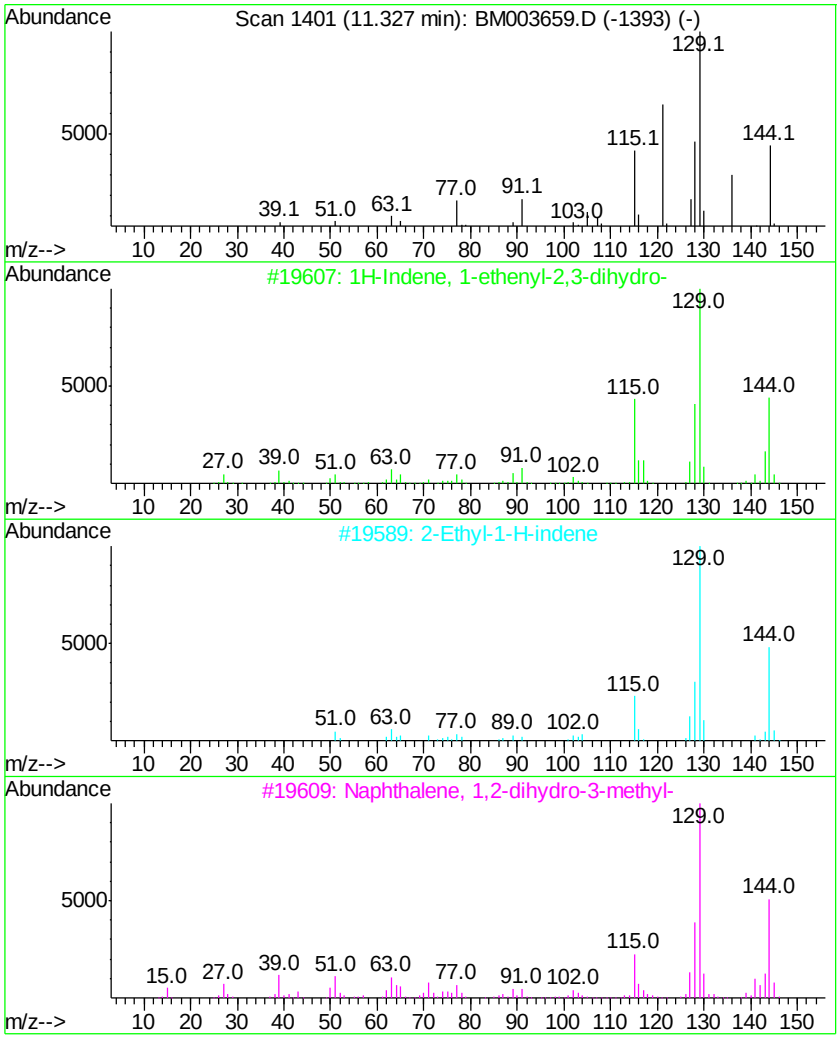
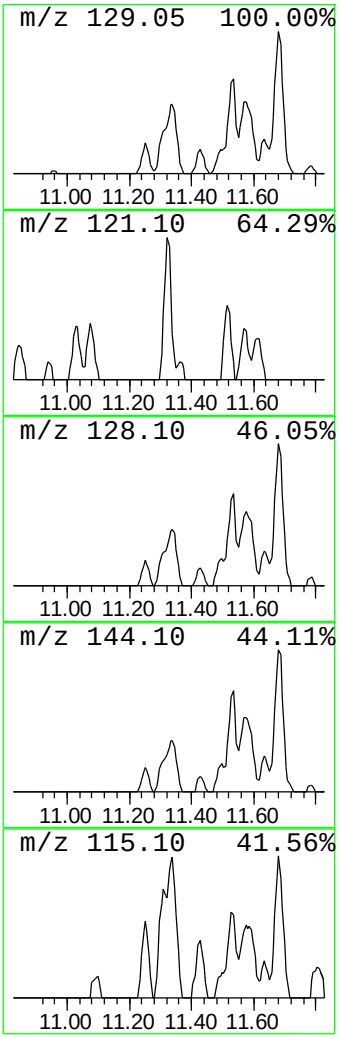
Peak Number 22 1H-Indene, 1-ethenyl-2,3-di... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	9.18 ng/ul	88954	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	87
2	2-Ethyl-1-H-indene	144	C11H12	017059-50-6	87
3	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	81
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	76
5	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	74





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

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Quant Title : SVOA CALIBRATION

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

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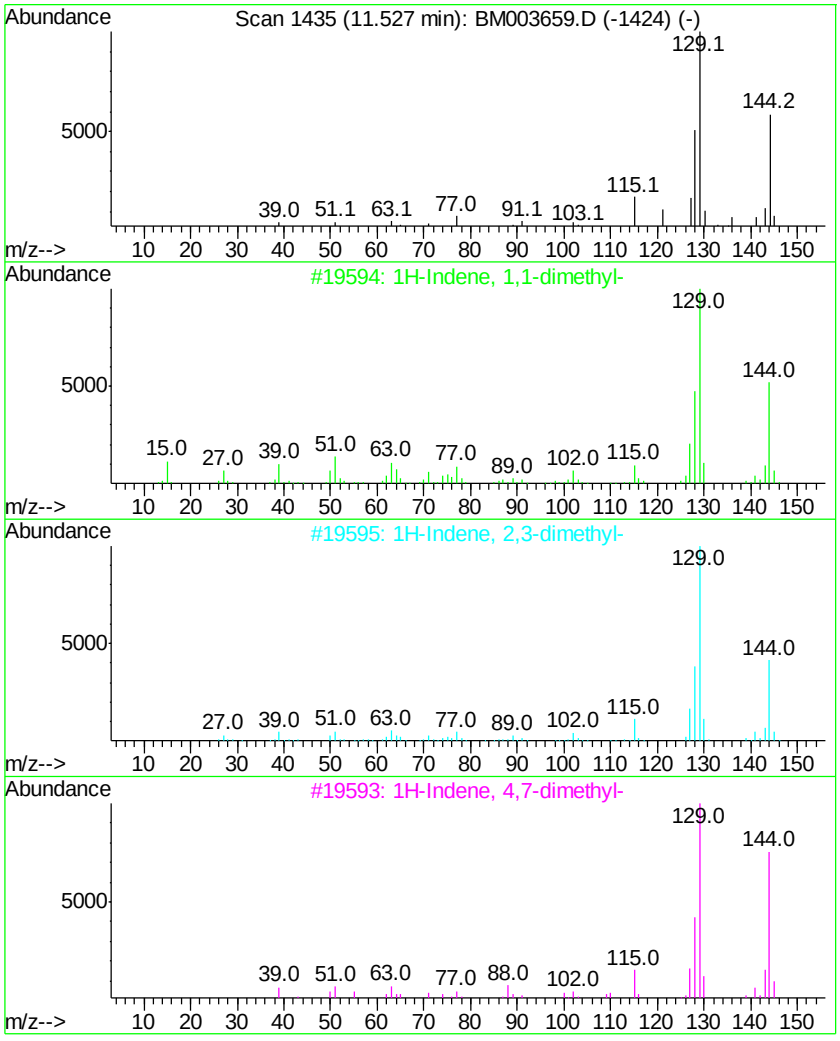
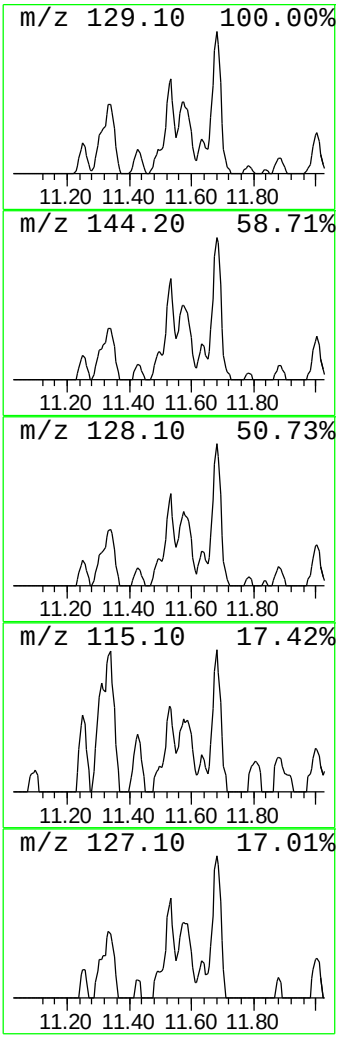
Peak Number 23 1H-Indene, 1,1-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	8.93 ng/ul	86565	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	90
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	90
4	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	90
5	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003659.D
Acq On : 20 Dec 2015 17:52
Operator : UM/SJ
Sample : G4867-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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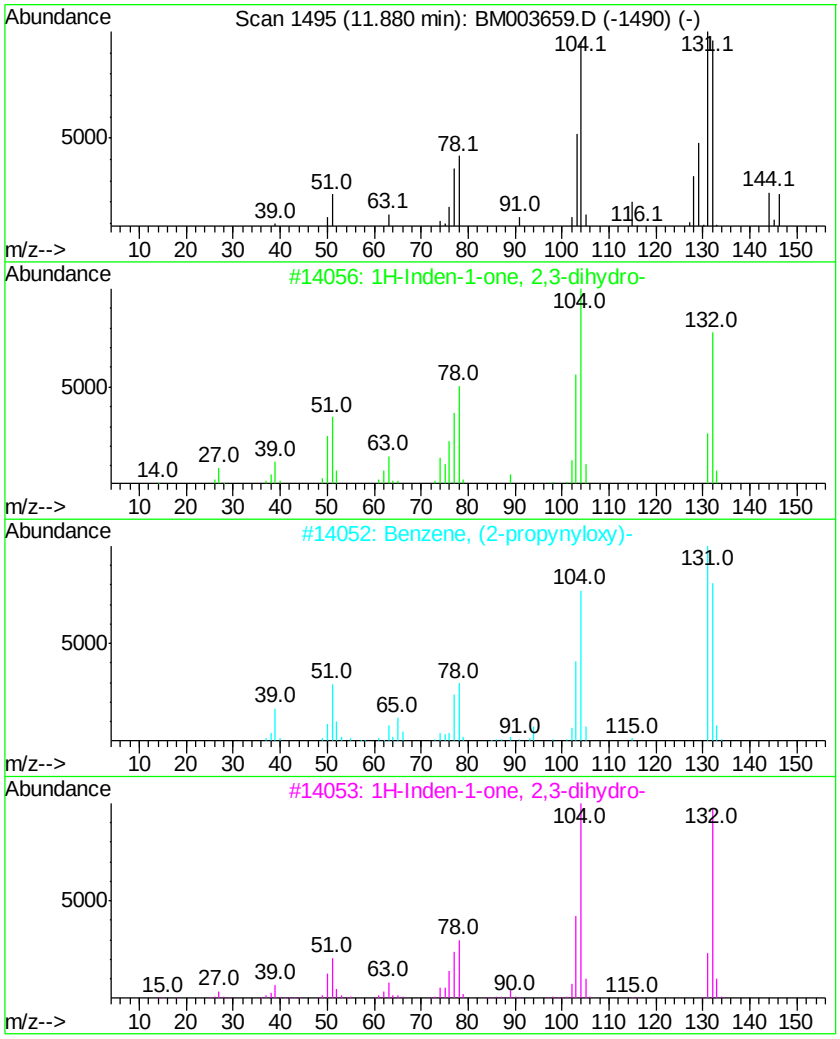
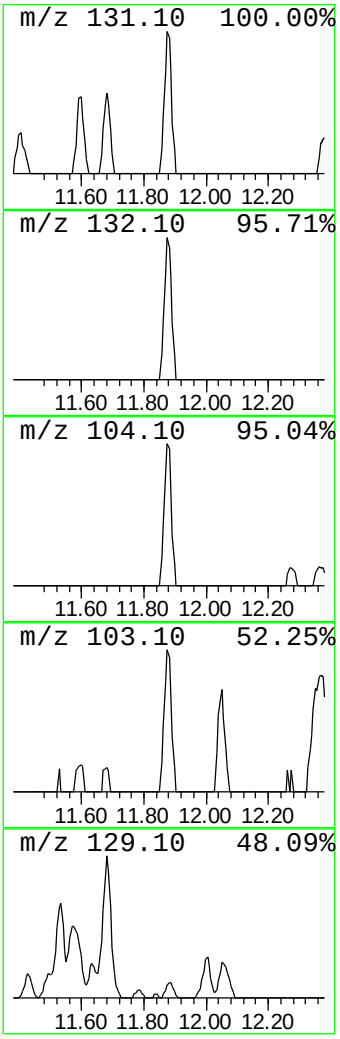
Peak Number 26 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	5.48 ng/ul	53142	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	78
2	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	76
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	60
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	49
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	49





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003659.D
Acq On : 20 Dec 2015 17:52
Operator : UM/SJ
Sample : G4867-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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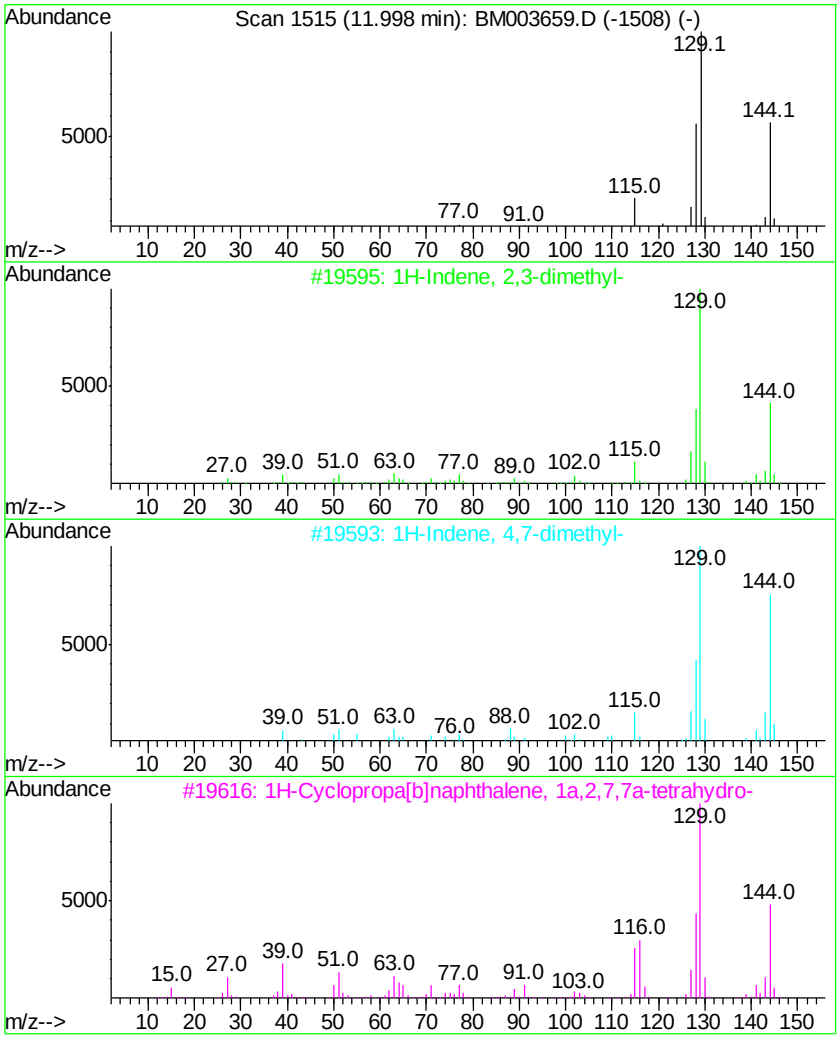
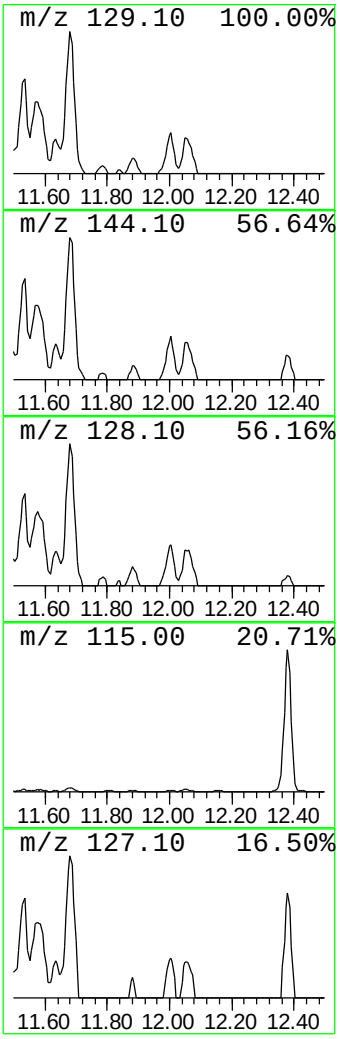
Peak Number 27 1H-Indene, 2,3-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.93 ng/ul	28391	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	91
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	91
3	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	87
4	Benzene, (2-cyclopropylethenyl)-	144	C11H12	1000142-01-6	86
5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003659.D
Acq On : 20 Dec 2015 17:52
Operator : UM/SJ
Sample : G4867-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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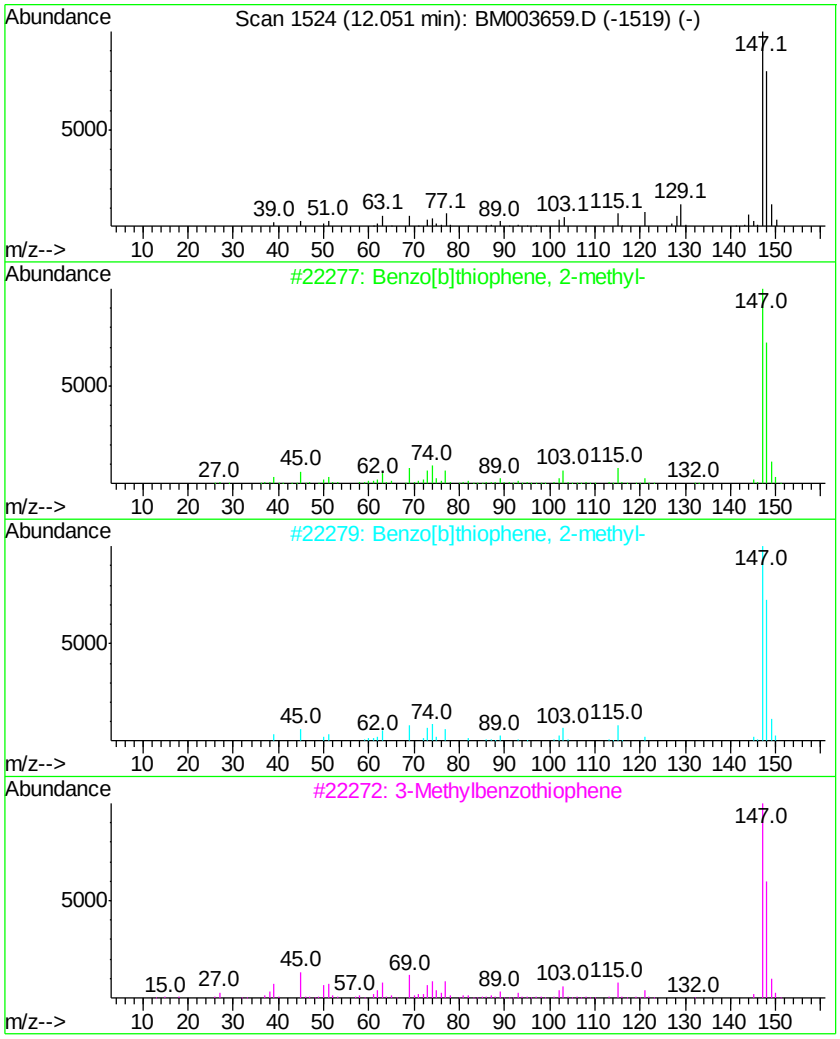
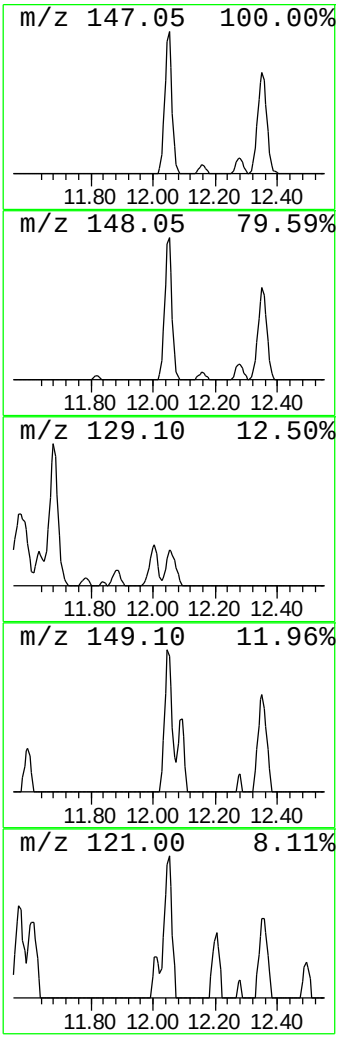
Peak Number 28 Benzo[b]thiophene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	16.40 ng/ul	158910	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
4	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	90
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003659.D
Acq On : 20 Dec 2015 17:52
Operator : UM/SJ
Sample : G4867-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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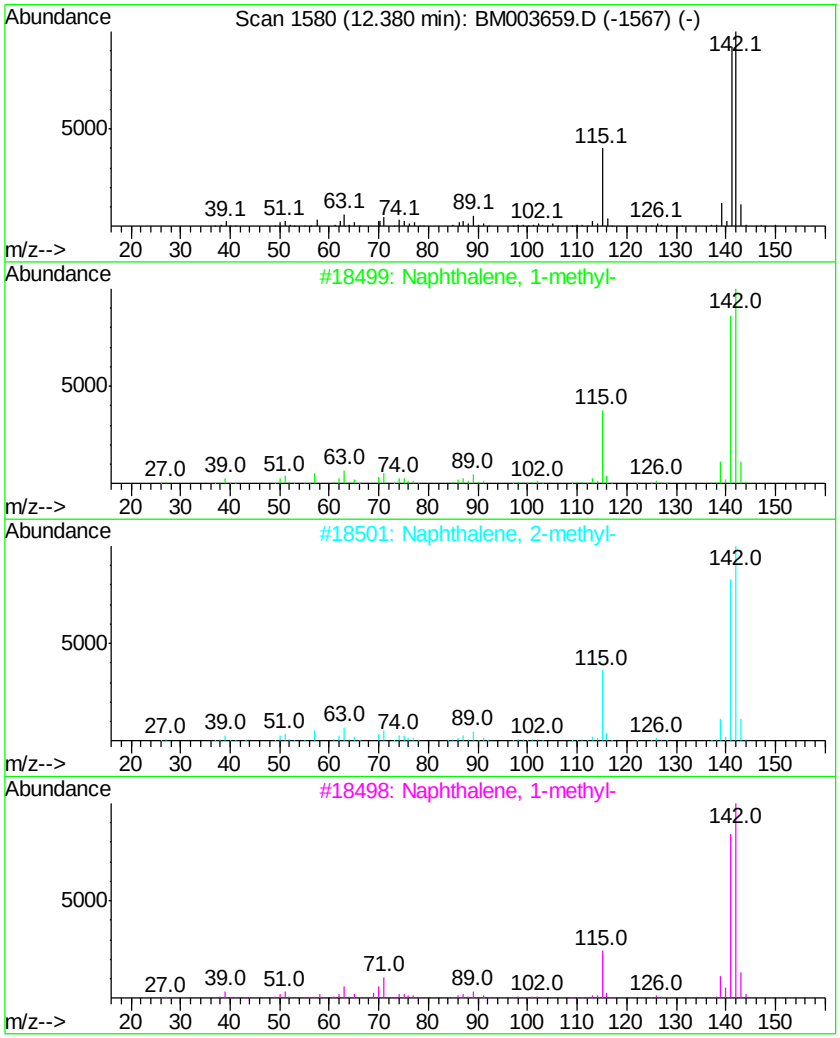
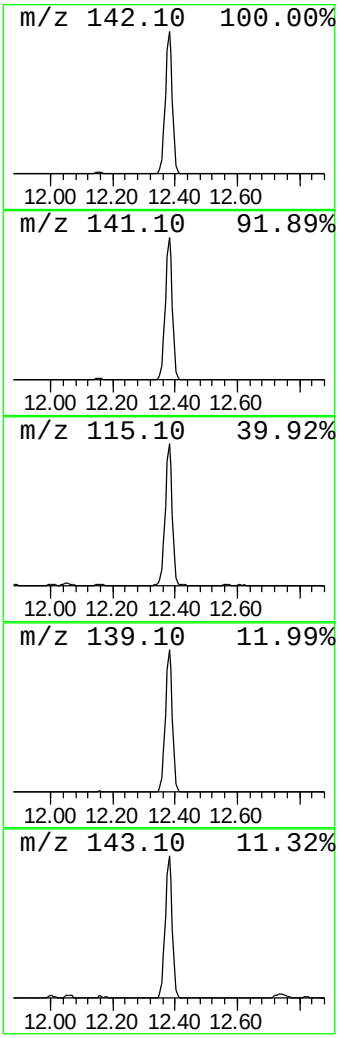
Peak Number 30 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	169.29 ng/ul	1640430	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003659.D
Acq On : 20 Dec 2015 17:52
Operator : UM/SJ
Sample : G4867-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

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

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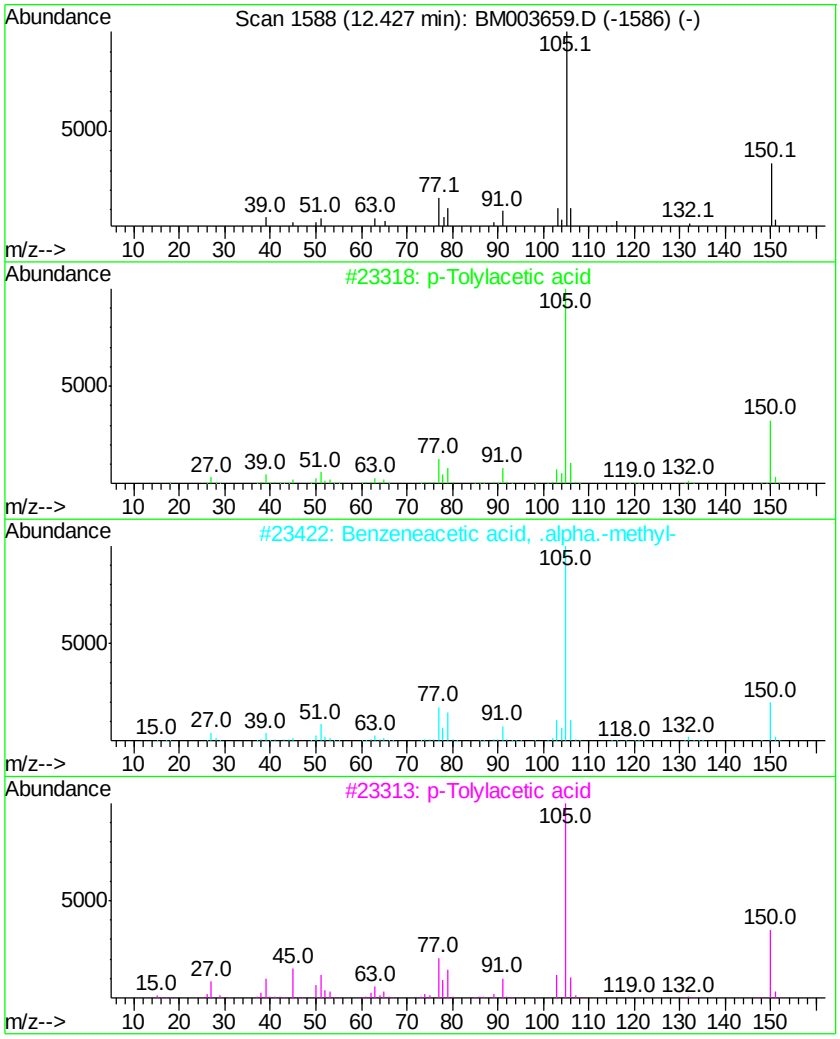
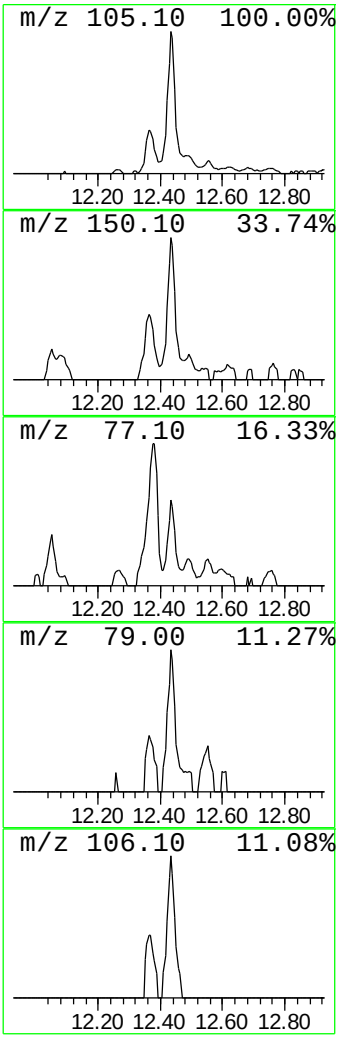
Peak Number 31 p-Tolylacetic acid Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	4.88 ng/ul	74650	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Tolylacetic acid	150	C9H10O2	000622-47-9	91
2	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	90
3	p-Tolylacetic acid	150	C9H10O2	000622-47-9	87
4	m-Tolylacetic acid	150	C9H10O2	000621-36-3	86
5	o-Tolylacetic acid	150	C9H10O2	000644-36-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122015\
Data File : BM003659.D
Acq On : 20 Dec 2015 17:52
Operator : UM/SJ
Sample : G4867-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.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
Benzene, (1-methy...	6.19	7.2	ng/ul	37506	1	7.70	104743	20.0
Benzene, 1-ethyl-...	7.09	19.5	ng/ul	102147	1	7.70	104743	20.0
Indane	8.07	112.1	ng/ul	587102	1	7.70	104743	20.0
Indene	8.23	199.0	ng/ul	1042040	1	7.70	104743	20.0
Benzene, 1-methyl...	8.33	10.0	ng/ul	52476	1	7.70	104743	20.0
Benzene, 1-methyl...	8.65	3.3	ng/ul	17357	1	7.70	104743	20.0
Benzene, 4-ethyl-...	8.80	16.5	ng/ul	86476	1	7.70	104743	20.0
Phenol, 2,6-dimet...	9.12	4.0	ng/ul	39181	2	10.49	193805	20.0
Benzene, 1,2,4,5-...	9.32	2.9	ng/ul	28189	2	10.49	193805	20.0
Benzene, 1-ethyl-...	9.38	4.9	ng/ul	47843	2	10.49	193805	20.0
3-Phenylbut-1-ene	9.74	6.0	ng/ul	58575	2	10.49	193805	20.0
2-Methylindene	9.92	63.7	ng/ul	617492	2	10.49	193805	20.0
1H-Indene, 1-methyl-	9.99	75.0	ng/ul	726542	2	10.49	193805	20.0
Benzene, 1-butynyl-	10.03	32.8	ng/ul	317771	2	10.49	193805	20.0
2-Benzothiophene #	10.66	21.7	ng/ul	210291	2	10.49	193805	20.0
1H-Indene, 1-ethe...	11.33	9.2	ng/ul	88954	2	10.49	193805	20.0
1H-Indene, 1,1-di...	11.53	8.9	ng/ul	86565	2	10.49	193805	20.0
1H-Inden-1-one, 2...	11.88	5.5	ng/ul	53142	2	10.49	193805	20.0
1H-Indene, 2,3-di...	12.00	2.9	ng/ul	28391	2	10.49	193805	20.0
Benzo[b]thiophene...	12.05	16.4	ng/ul	158910	2	10.49	193805	20.0
Naphthalene, 1-me...	12.38	169.3	ng/ul	1640430	2	10.49	193805	20.0
p-Tolylacetic acid	12.43	4.9	ng/ul	74650	3	14.35	306153	20.0