LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003658.D
Acq On : 20 Dec 2015 17:17
Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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	3.899	132	138	156	rBB	890334	1384578	4.99%	0.792%
2	5.216	355	362	378	rBV	1958936	3149885	11.34%	1.801%
3	5.346	378	384	399	rVB	924748	2242047	8.07%	1.282%
4	5.716	438	447	456	rBV	1175702	1873256	6.74%	1.071%
5	6.787	620	629	634	rVV	739347	1148702	4.14%	0.657%
6	6.845	634	639	646	rVV	528168	829537	2.99%	0.474%
7	6.922	646	652	660	rVB	197817	312804	1.13%	0.179%
8	7.087	675	680	686	rVV	224388	348499	1.25%	0.199%
9	7.345	718	724	733	rVV2	810943	1612630	5.81%	0.922%
10	7.810	797	803	810	rVB	422517	697460	2.51%	0.399%
11	7.881	810	815	822	rVB	213862	330960	1.19%	0.189%
12	8.081	840	849	855	rBV	3068720	5640075	20.31%	3.225%
13	8.234	870	875	883	rVB	1257026	2084158	7.50%	1.192%
14	8.334	883	892	899	rBV	198371	332050	1.20%	0.190%
15	8.798	965	971	977	rBV	363606	567302	2.04%	0.324%
16	8.869	977	983	991	rVB2	144297	364337	1.31%	0.208%
17	9.381	1064	1070	1077	rVB2	178151	293903	1.06%	0.168%
18	9.681	1115	1121	1125	rBV2	157551	277999	1.00%	0.159%
19	9.739	1125	1131	1141	rVB	347712	615075	2.21%	0.352%
20	9.922	1145	1162	1168	rBV3	1026119	2784365	10.03%	1.592%
21	9.998	1168	1175	1179	rBV	1479831	3047520	10.97%	1.743%
22	10.128	1190	1197	1204	rBV2	216260	443637	1.60%	0.254%
23	10.192	1204	1208	1219	rVB2	170718	341494	1.23%	0.195%
24	10.604	1250	1278	1282	rBV	5517533	22164327	79.80%	12.675%
25	10.681	1286	1291	1299	rVB	705532	1128184	4.06%	0.645%
26	11.039	1343	1352	1355	rBV2	234676	545277	1.96%	0.312%
27	11.333	1393	1402	1410	rBV3	314963	754659	2.72%	0.432%
28	11.528	1427	1435	1439	rBV2	200329	394284	1.42%	0.225%
29	11.586	1439	1445	1450	rBV3	168376	336809	1.21%	0.193%
30	11.680	1457	1461	1473	rVB2	210877	450337	1.62%	0.258%
31	11.892	1488	1497	1506	rVB2	280826	660759	2.38%	0.378%
32	12.010	1506	1517	1520	rBV5	103977	318727	1.15%	0.182%
33	12.057	1520	1525	1532	rVB2	202031	384858	1.39%	0.220%
34	12.186	1535	1547	1551	rBV	4208760	9386560	33.80%	5.368%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003658.D
Acq On : 20 Dec 2015 17:17
Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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	12.233	1551	1555	1559	rBV	300187	435655	1.57%	0.249%
36	12.280	1559	1563	1570	rVB3	165258	304630	1.10%	0.174%
37	12.404	1570	1584	1589	rBV	3729411	8333147	30.00%	4.766%
38	12.657	1619	1627	1631	rVB	855590	2277685	8.20%	1.303%
39	12.698	1632	1634	1639	rVB	264963	295870	1.07%	0.169%
40	12.804	1647	1652	1658	rVB2	691514	1129639	4.07%	0.646%
41	13.180	1707	1716	1720	rBV	637934	1194666	4.30%	0.683%
42	13.327	1734	1741	1745	rBV	1284497	2100674	7.56%	1.201%
43	13.380	1745	1750	1758	rVV	863734	1601555	5.77%	0.916%
44	13.451	1758	1762	1765	rVV2	180194	328304	1.18%	0.188%
45	13.498	1765	1770	1773	rVV	1181710	2177611	7.84%	1.245%
46	13.533	1773	1776	1784	rVV2	1003740	2070444	7.45%	1.184%
47	13.639	1788	1794	1796	rVV	383284	773861	2.79%	0.443%
48	13.674	1796	1800	1805	rVV	1087058	2013104	7.25%	1.151%
49	13.727	1805	1809	1813	rVV	726280	1184292	4.26%	0.677%
50	13.769	1813	1816	1820	rVV	300970	400249	1.44%	0.229%
51	13.910	1832	1840	1843	rBV2	871299	1734942	6.25%	0.992%
52	13.951	1843	1847	1853	rVV4	937869	2276076	8.20%	1.302%
53	14.051	1859	1864	1865	rVV	505886	713103	2.57%	0.408%
54	14.074	1865	1868	1874	rVB2	737464	1238095	4.46%	0.708%
55	14.327	1904	1911	1913	rBV2	181781	328116	1.18%	0.188%
56	14.357	1913	1916	1920	rVB3	242338	320044	1.15%	0.183%
57	14.421	1920	1927	1934	rVB	1832807	3150785	11.34%	1.802%
58	14.504	1934	1941	1944	rBV2	253286	454248	1.64%	0.260%
59	14.545	1944	1948	1953	rVV3	197153	353651	1.27%	0.202%
60	14.604	1954	1958	1960	rVV	170565	307782	1.11%	0.176%
61	14.639	1960	1964	1969	rVB4	335108	577830	2.08%	0.330%
62	14.751	1976	1983	1987	rBV	210348	382418	1.38%	0.219%
63	14.980	2005	2022	2027	rBV	832254	3033979	10.92%	1.735%
64	15.039	2027	2032	2036	rVV2	282761	492402	1.77%	0.282%
65	15.092	2036	2041	2044	rVB	273290	383833	1.38%	0.220%
66	15.221	2058	2063	2071	rVB2	351256	657878	2.37%	0.376%
67	15.351	2080	2085	2089	rVB2	690474	1020297	3.67%	0.583%
68	15.404	2089	2094	2099	rBV	803765	1218181	4.39%	0.697%
69	15.463	2099	2104	2109	rBV2	211806	370810	1.34%	0.212%
70	15.633	2125	2133	2135	rBV3	446775	1121817	4.04%	0.642%
71	15.815	2157	2164	2169	rBV2	330157	562604	2.03%	0.322%

LSC Area Percent Report

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Data File : BM003658.D
Acq On : 20 Dec 2015 17:17
Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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	16.086	2205	2210	2214	rVV	585627	906585	3.26%	0.518%
73	16.174	2214	2225	2234	rVB2	1108481	2890696	10.41%	1.653%
74	16.315	2237	2249	2254	rVV	1015371	2895837	10.43%	1.656%
75	16.751	2316	2323	2328	rVB	435599	842605	3.03%	0.482%
76	16.915	2344	2351	2355	rBV2	293572	749321	2.70%	0.429%
77	17.133	2356	2388	2394	rVV	4095078	27773753	100.00%	15.883%
78	17.298	2403	2416	2422	rVV3	1439207	5050886	18.19%	2.888%
79	17.368	2422	2428	2431	rVV	760693	1523804	5.49%	0.871%
80	17.398	2431	2433	2437	rVB	725087	825842	2.97%	0.472%
81	17.862	2501	2512	2516	rVV	1746858	5013467	18.05%	2.867%
82	17.898	2516	2518	2522	rVB	464466	566687	2.04%	0.324%
83	17.986	2529	2533	2539	rVB	540666	737776	2.66%	0.422%
84	18.039	2539	2542	2547	rVB5	248504	377120	1.36%	0.216%
85	18.092	2547	2551	2554	rBV2	264967	424142	1.53%	0.243%
86	18.133	2556	2558	2562	rVB	340324	383282	1.38%	0.219%
87	18.251	2574	2578	2588	rVB2	331134	580584	2.09%	0.332%
88	18.339	2589	2593	2598	rBV2	212157	321034	1.16%	0.184%
89	18.962	2692	2699	2703	rBV	888012	1416929	5.10%	0.810%
90	19.168	2731	2734	2741	rVB	218436	319838	1.15%	0.183%
91	19.304	2754	2757	2767	rBV3	221216	372464	1.34%	0.213%
92	19.509	2787	2792	2795	rBV	611818	935923	3.37%	0.535%
93	19.962	2864	2869	2872	rBV	530981	755645	2.72%	0.432%
94	19.992	2872	2874	2878	rVB	285744	347583	1.25%	0.199%
95	20.509	2959	2962	2967	rVB	241050	336289	1.21%	0.192%
96	21.303	3092	3097	3101	rBV2	505163	723094	2.60%	0.414%
97	22.509	3296	3302	3314	rVB	734950	1269281	4.57%	0.726%
98	23.415	3449	3456	3462	rBV	507766	934153	3.36%	0.534%
99	23.556	3473	3480	3495	rVB	312150	665824	2.40%	0.381%
100	25.280	3764	3773	3784	rVB	134665	354913	1.28%	0.203%

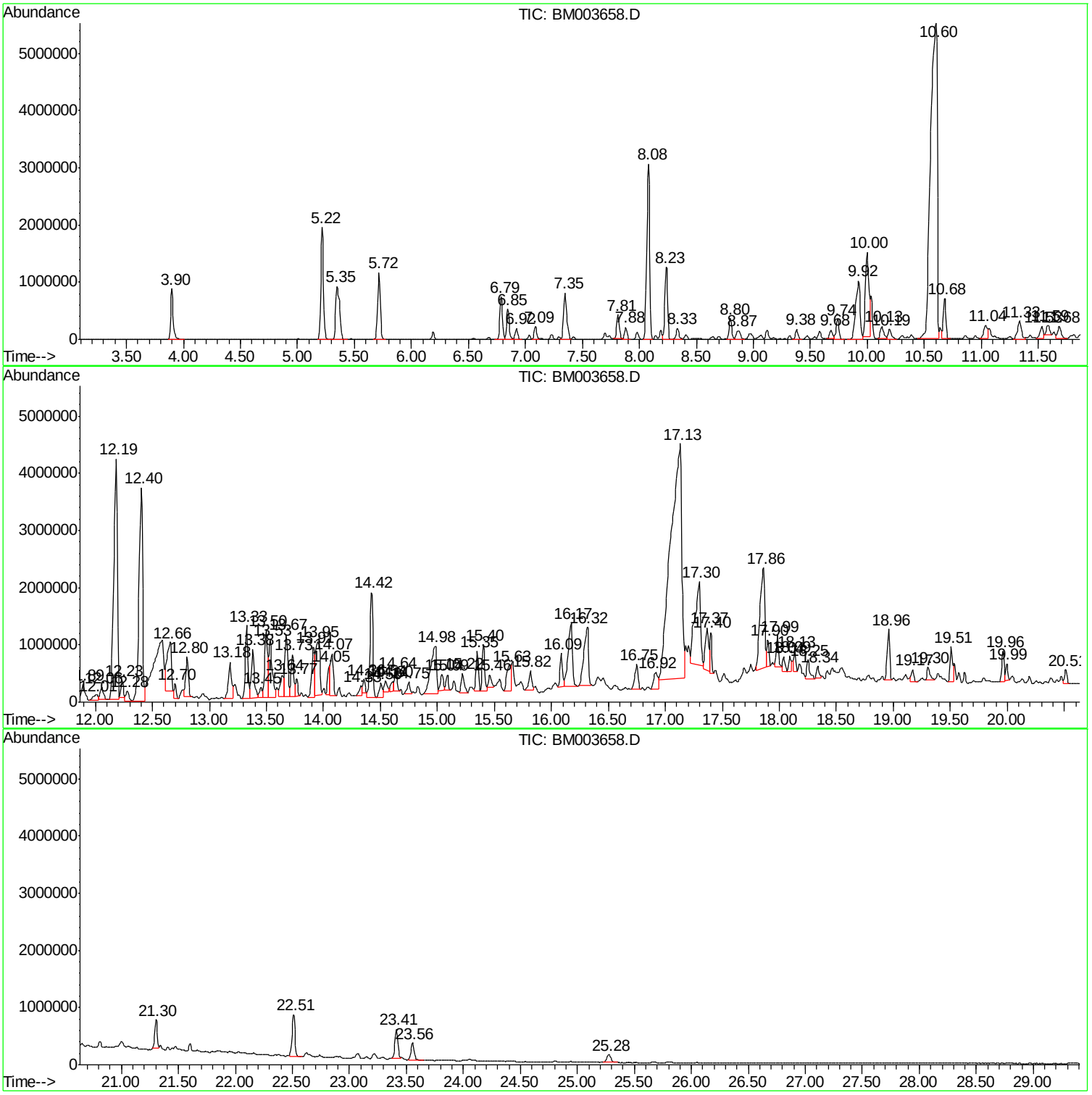
Sum of corrected areas: 174862688

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003658.D
Acq On : 20 Dec 2015 17:17
Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003658.D
Acq On : 20 Dec 2015 17:17
Operator : UM/SJ
Sample : G4867-04
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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

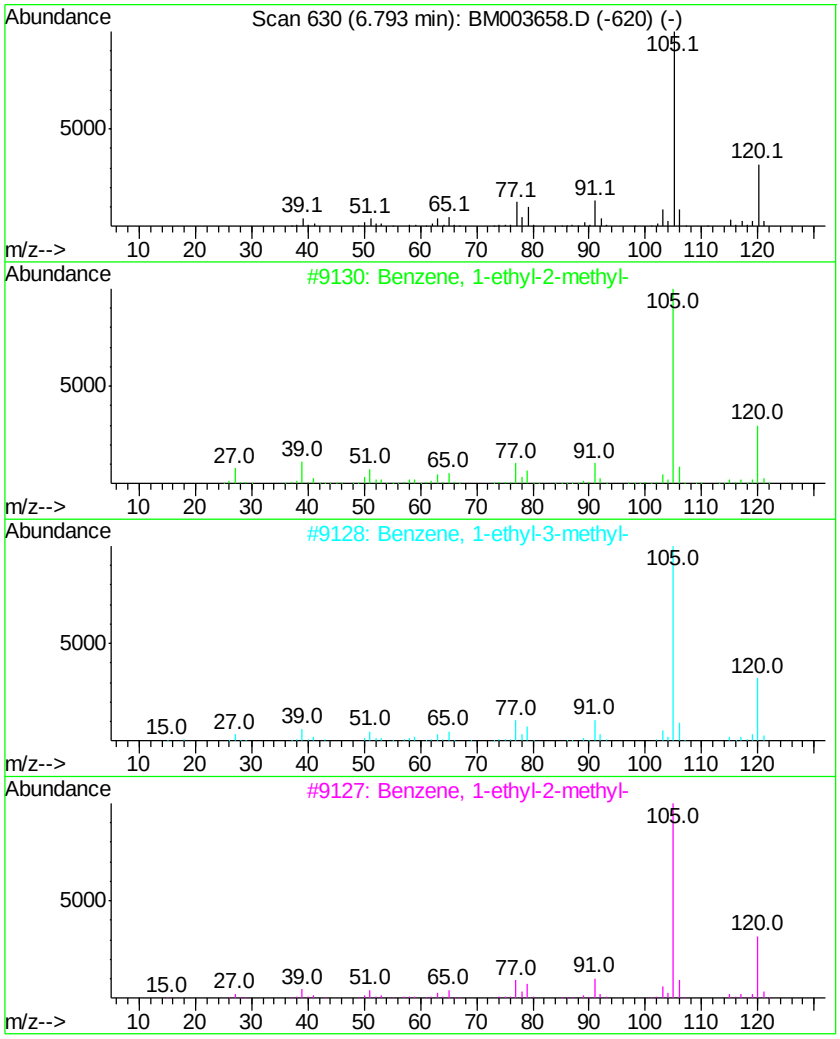
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

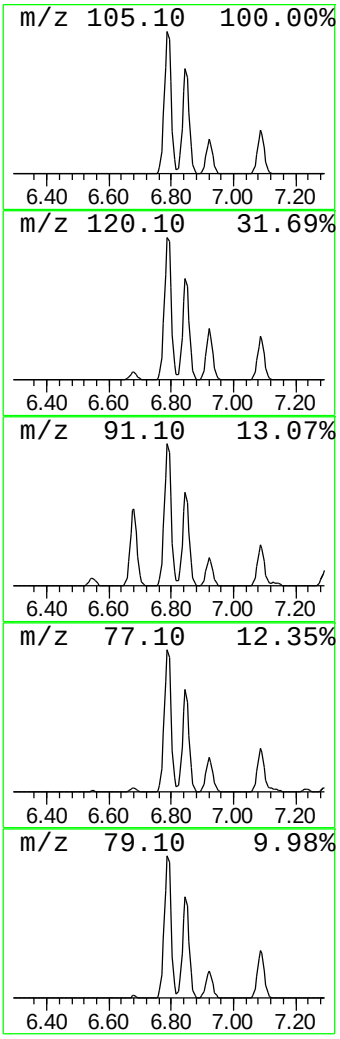
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	32.94 ng/ul	1148700	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003658.D
Acq On : 20 Dec 2015 17:17
Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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

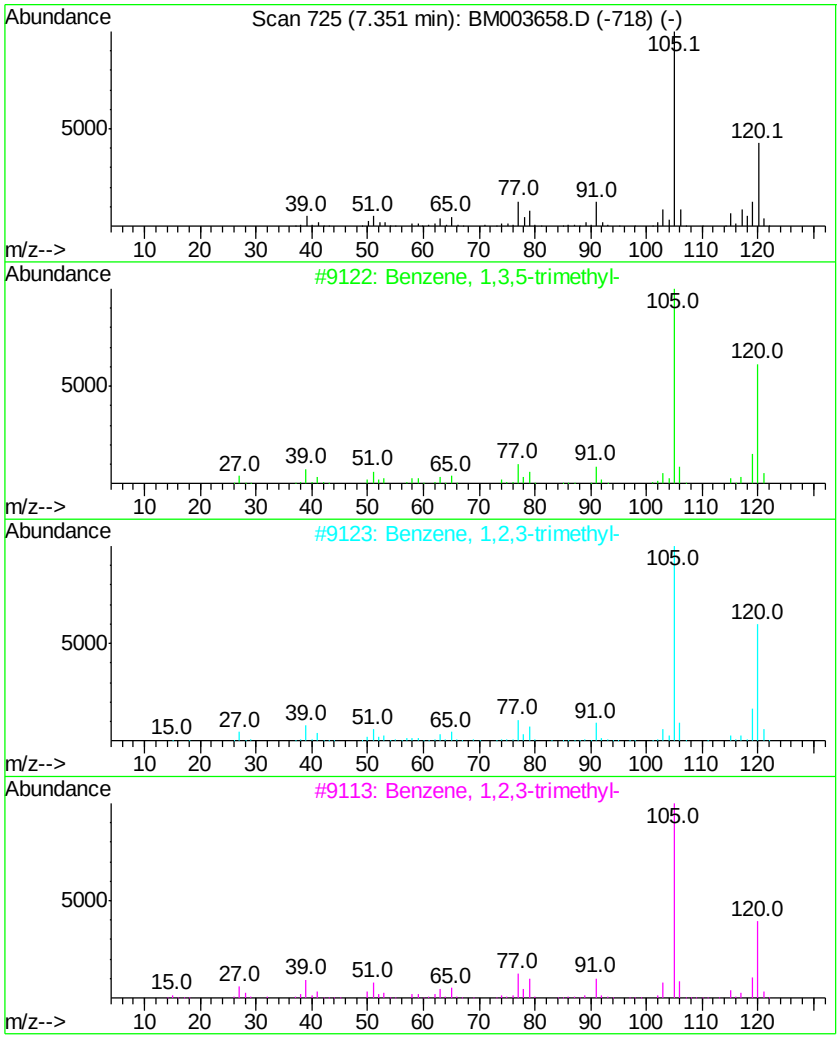
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

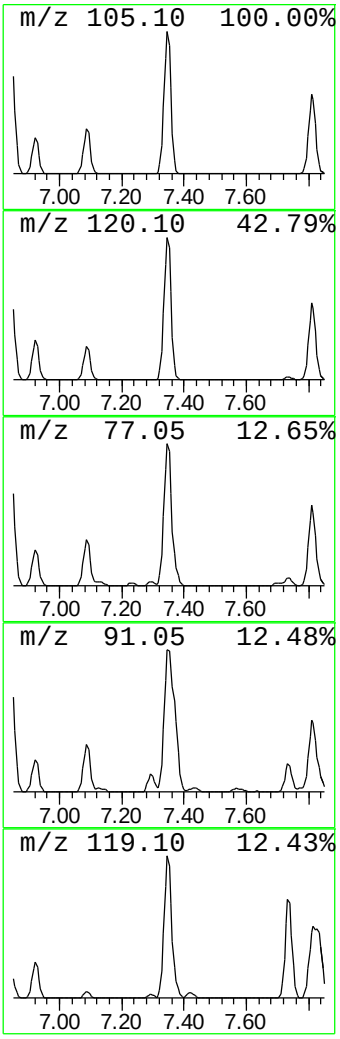
****

Peak Number 7 Benzene, 1,3,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	46.24 ng/ul	1612630	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003658.D
Acq On : 20 Dec 2015 17:17
Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

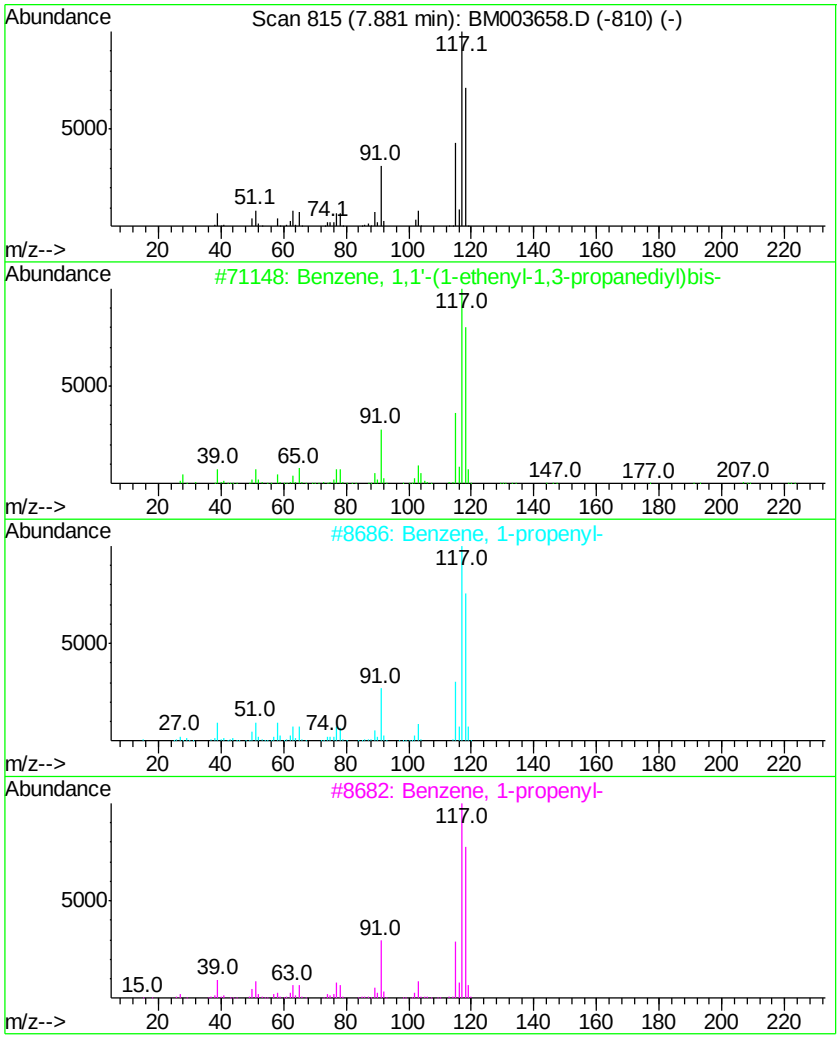
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

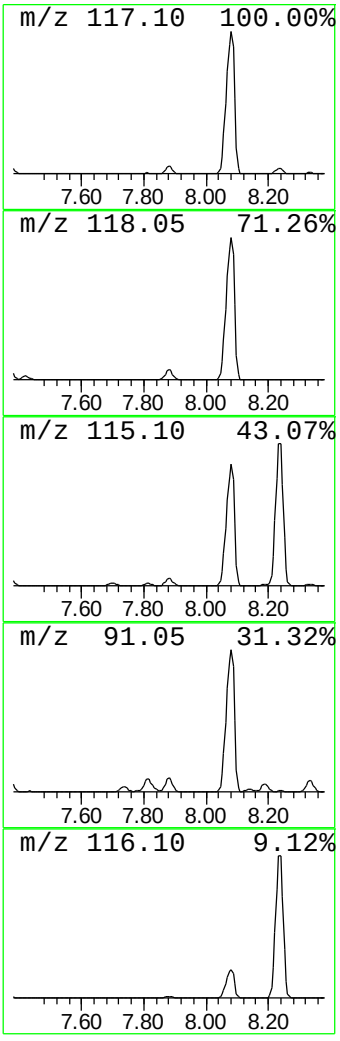
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,1'-(1-ethenyl-1,... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	9.49 ng/ul	330960	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	89
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	89
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003658.D
Acq On : 20 Dec 2015 17:17
Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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

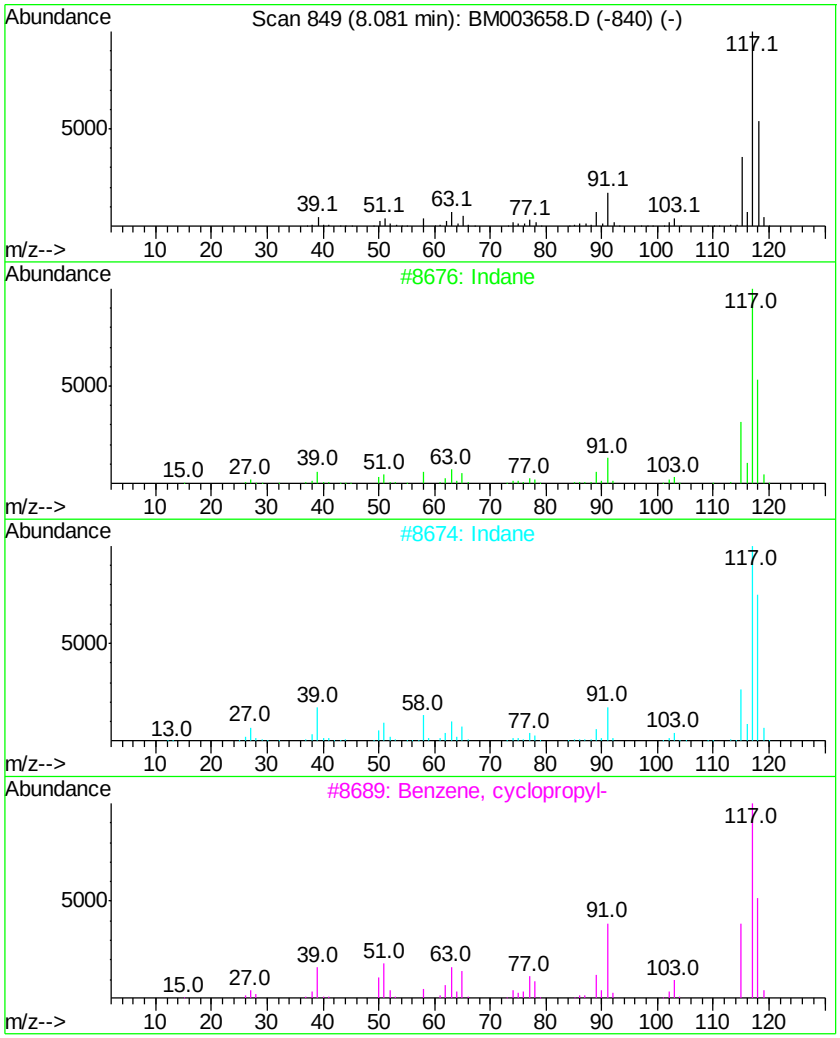
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

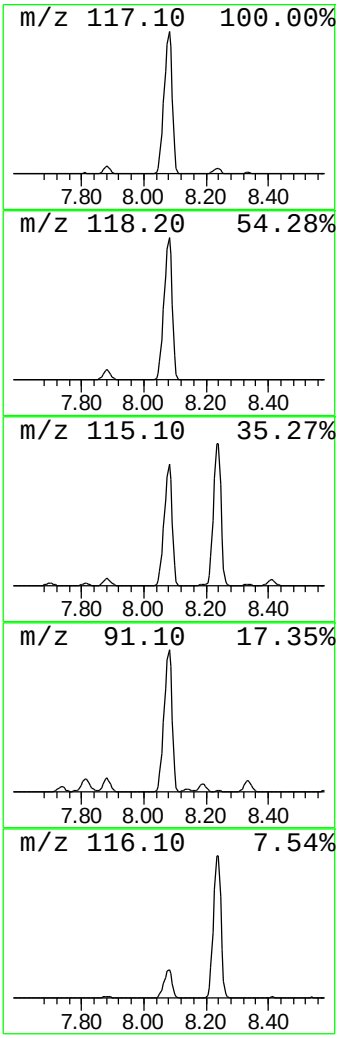
****

Peak Number 10 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	161.73 ng/ul	5640080	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	91
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Indane	118	C9H10	000496-11-7	64
5	Indane	118	C9H10	000496-11-7	60





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003658.D
Acq On : 20 Dec 2015 17:17
Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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

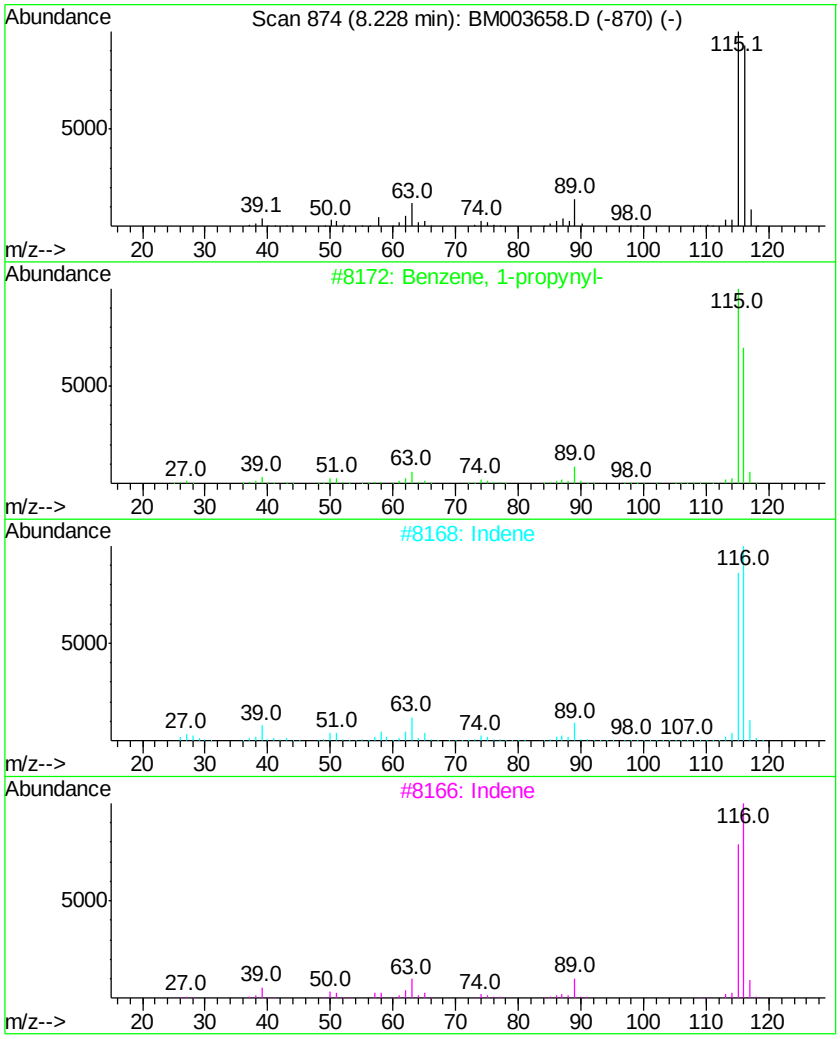
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

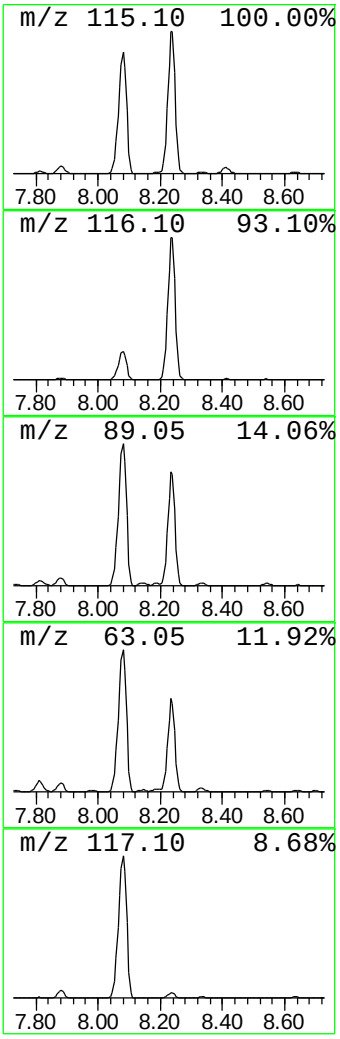
****

Peak Number 11 Benzene, 1-propynyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	59.76 ng/ul	2084160	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003658.D
Acq On : 20 Dec 2015 17:17
Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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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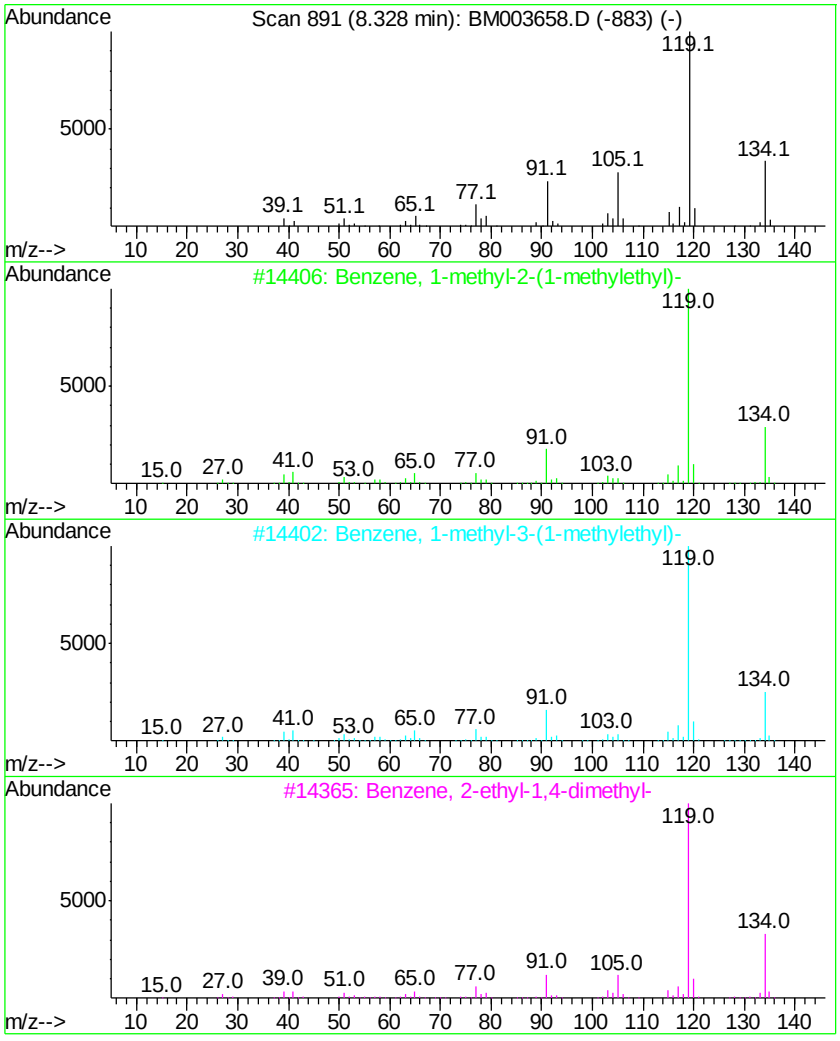
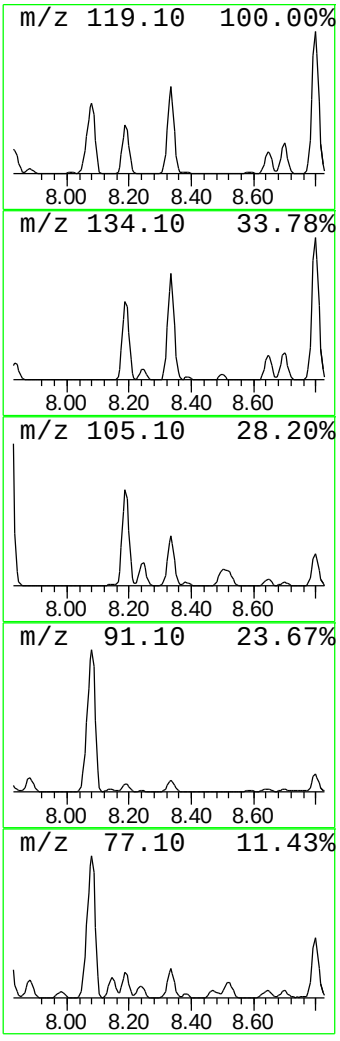
Peak Number 12 Benzene, 1-methyl-2-(1-meth... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	9.52 ng/ul	332050	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	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94





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Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

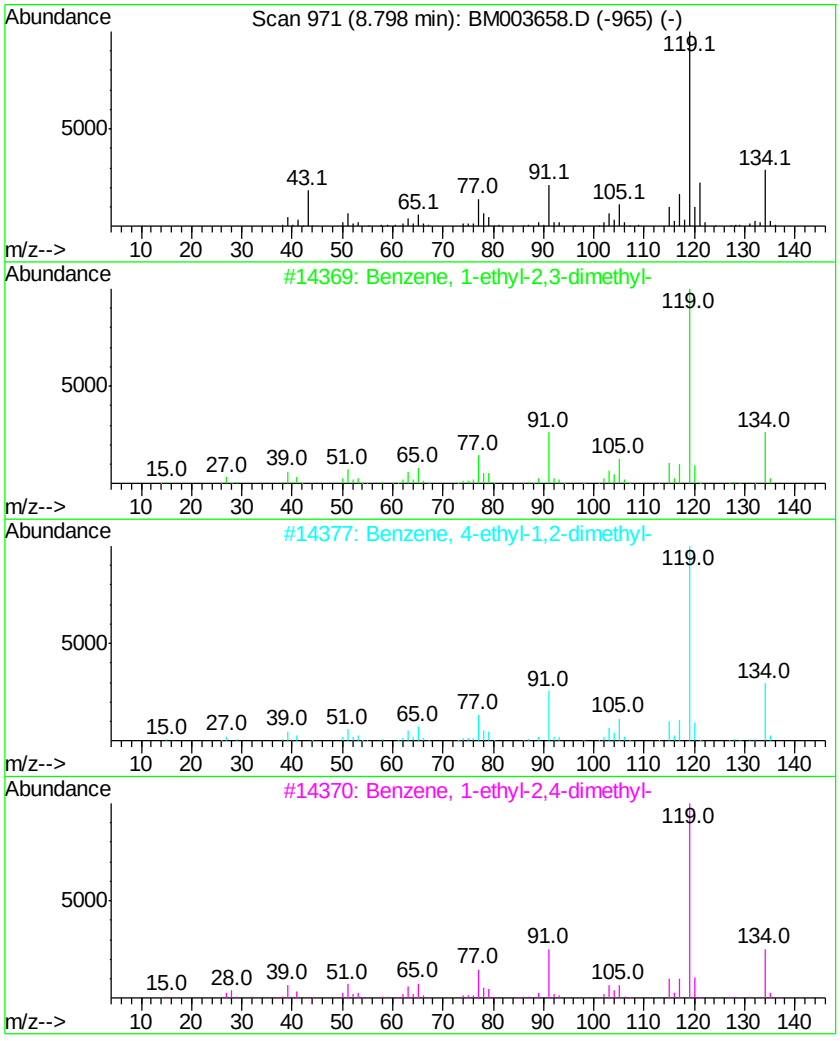
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION

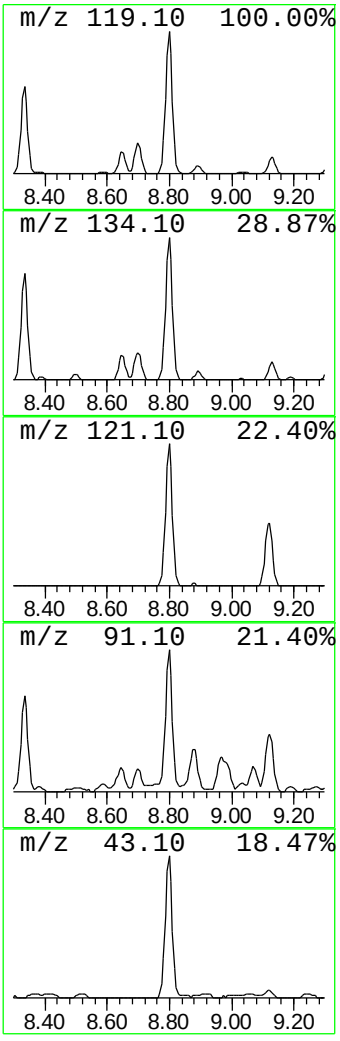
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	16.27 ng/ul	567302	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Library Search Compound Report

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Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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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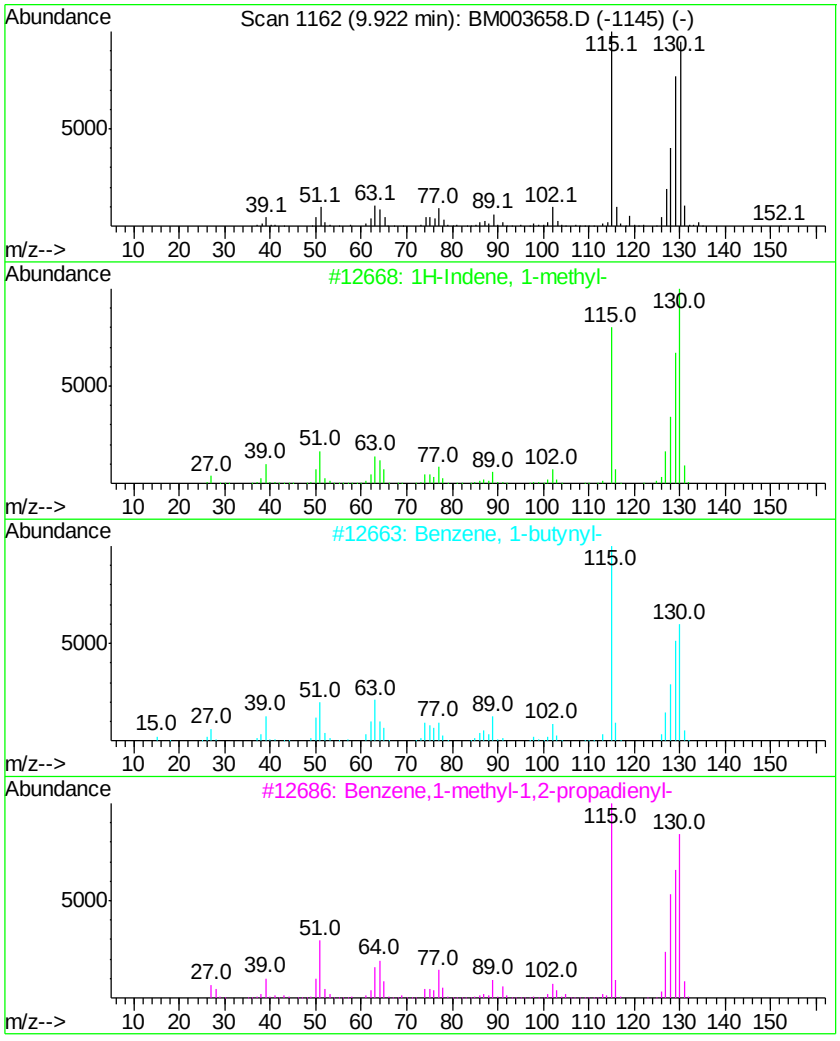
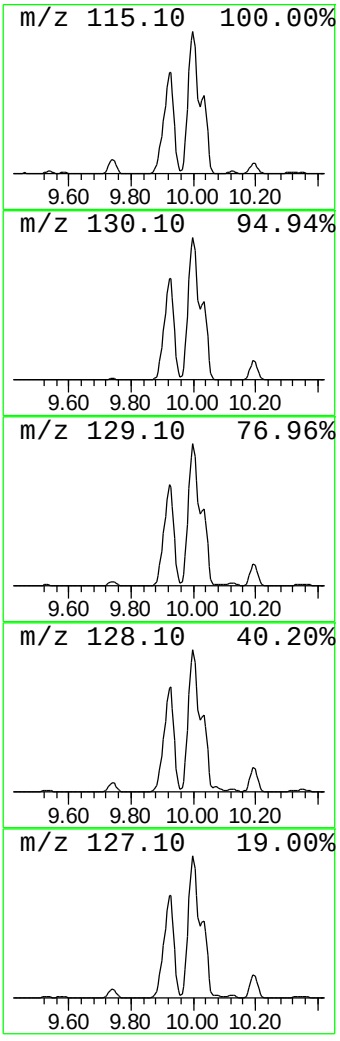
Peak Number 14 1H-Indene, 1-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	2.51 ng/ul	2784370	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	91





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Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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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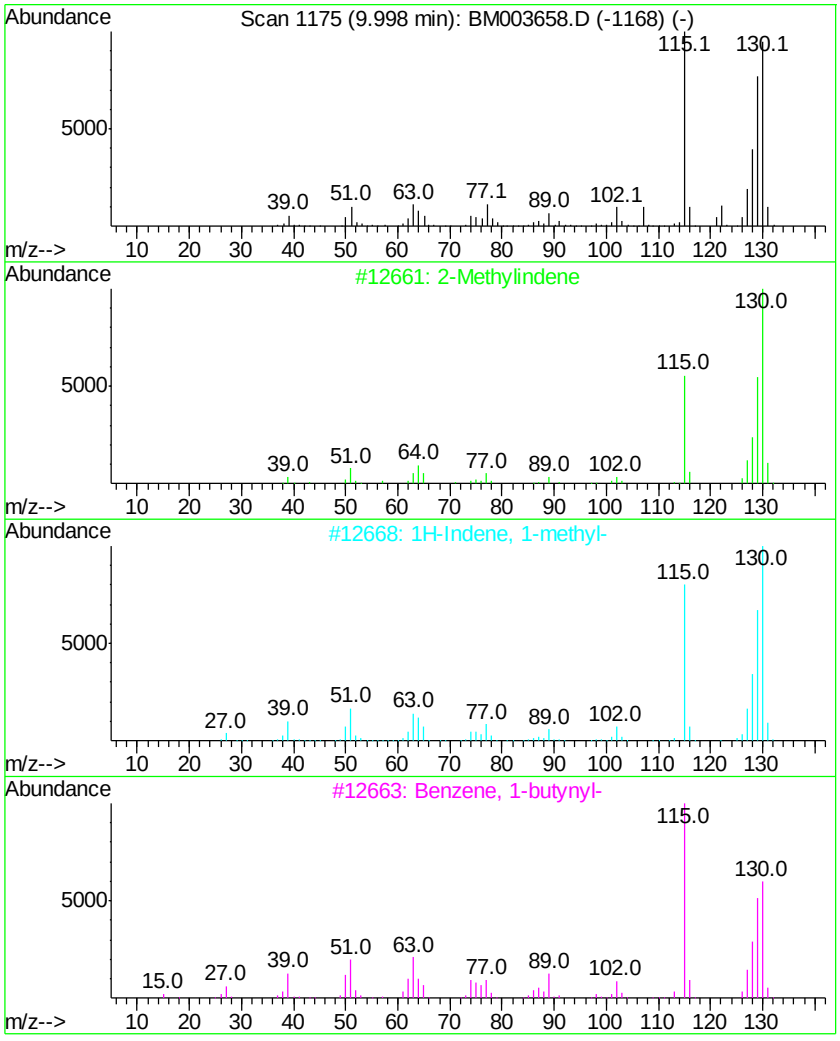
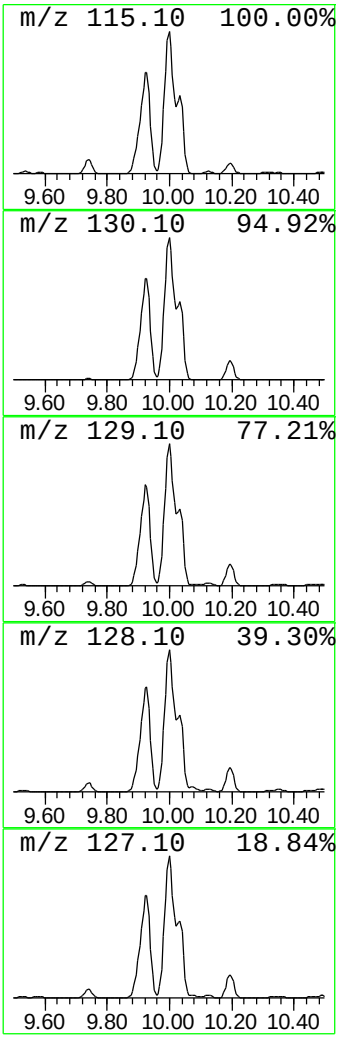
Peak Number 15 2-Methylindene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	2.75 ng/ul	3047520	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	95
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	90





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Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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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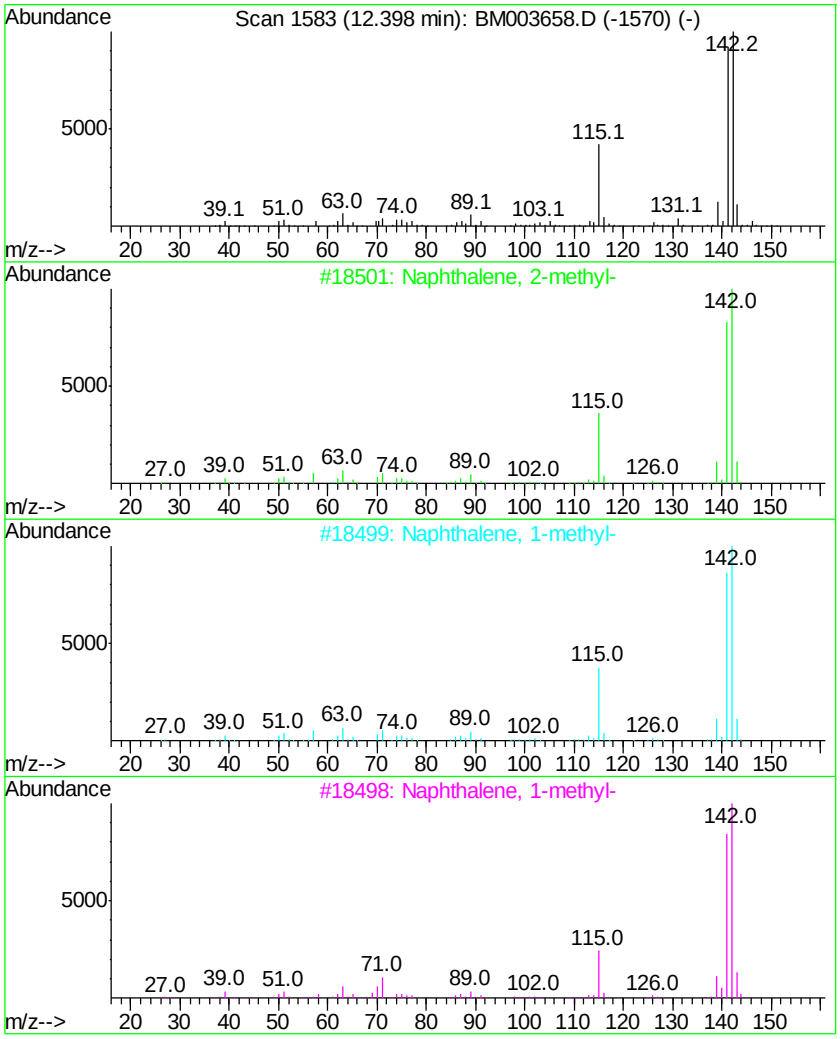
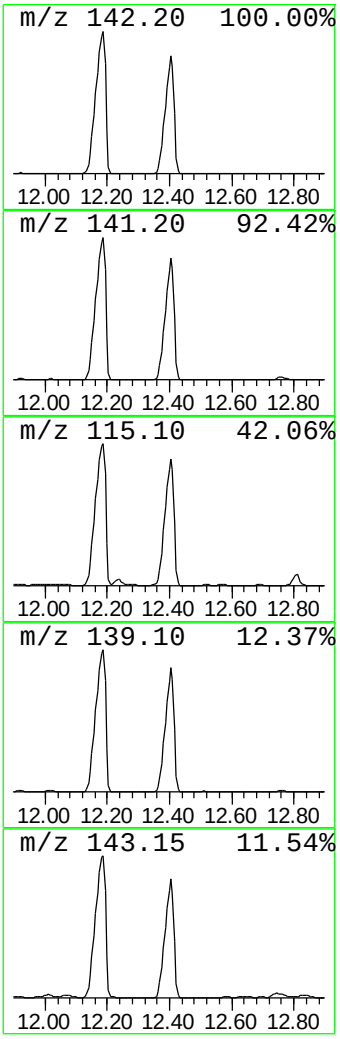
Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	7.52 ng/ul	8333150	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





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Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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

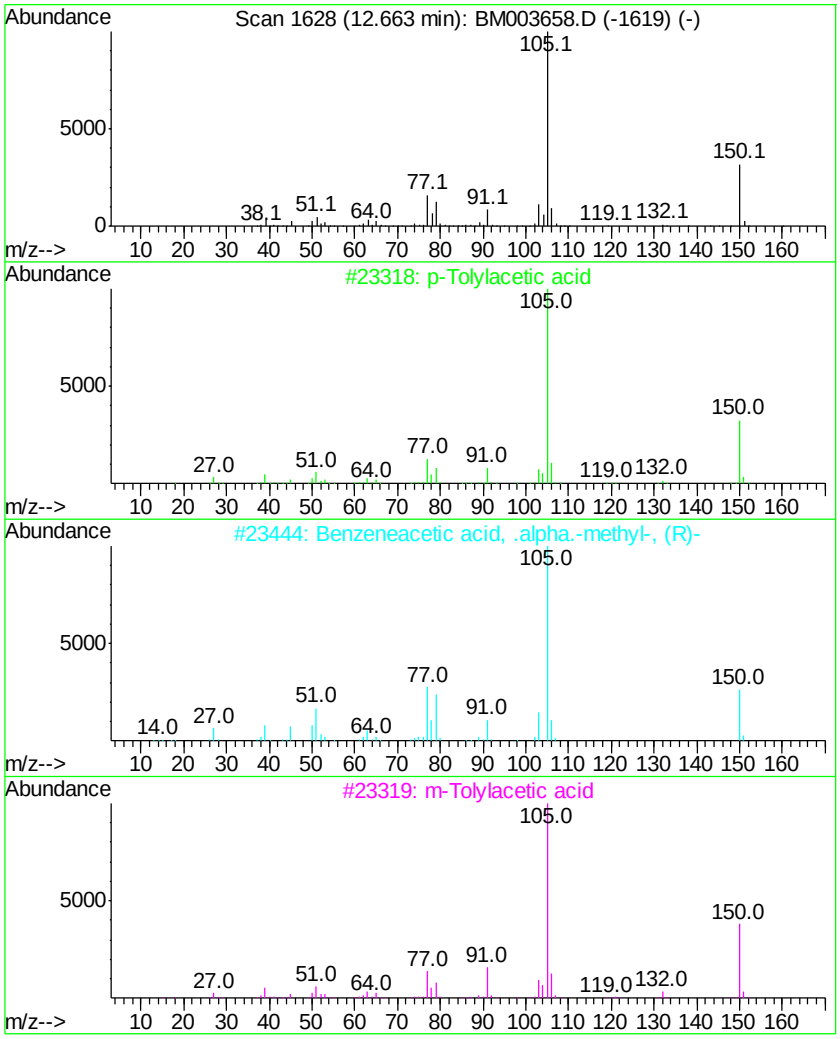
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

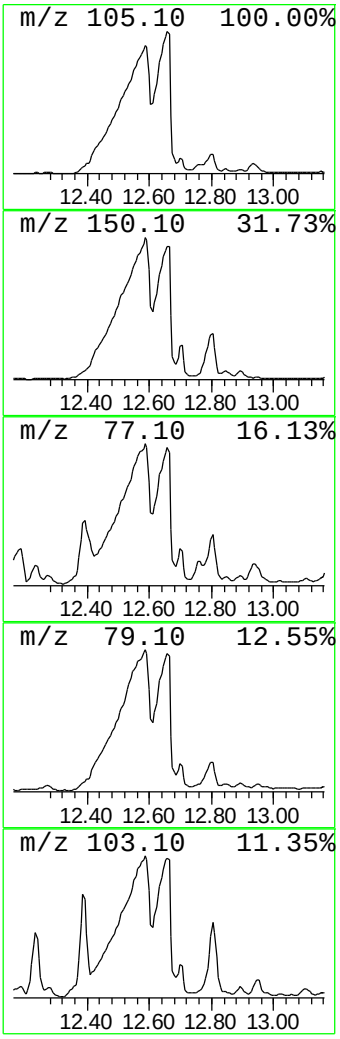
****

Peak Number 17 p-Tolylacetic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	142.34 ng/ul	2277690	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.-meth...	150	C9H10O2	007782-26-5	91
3	m-Tolylacetic acid	150	C9H10O2	000621-36-3	91
4	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	91
5	p-Tolylacetic acid	150	C9H10O2	000622-47-9	90





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Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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Quant Title : SVOA CALIBRATION

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

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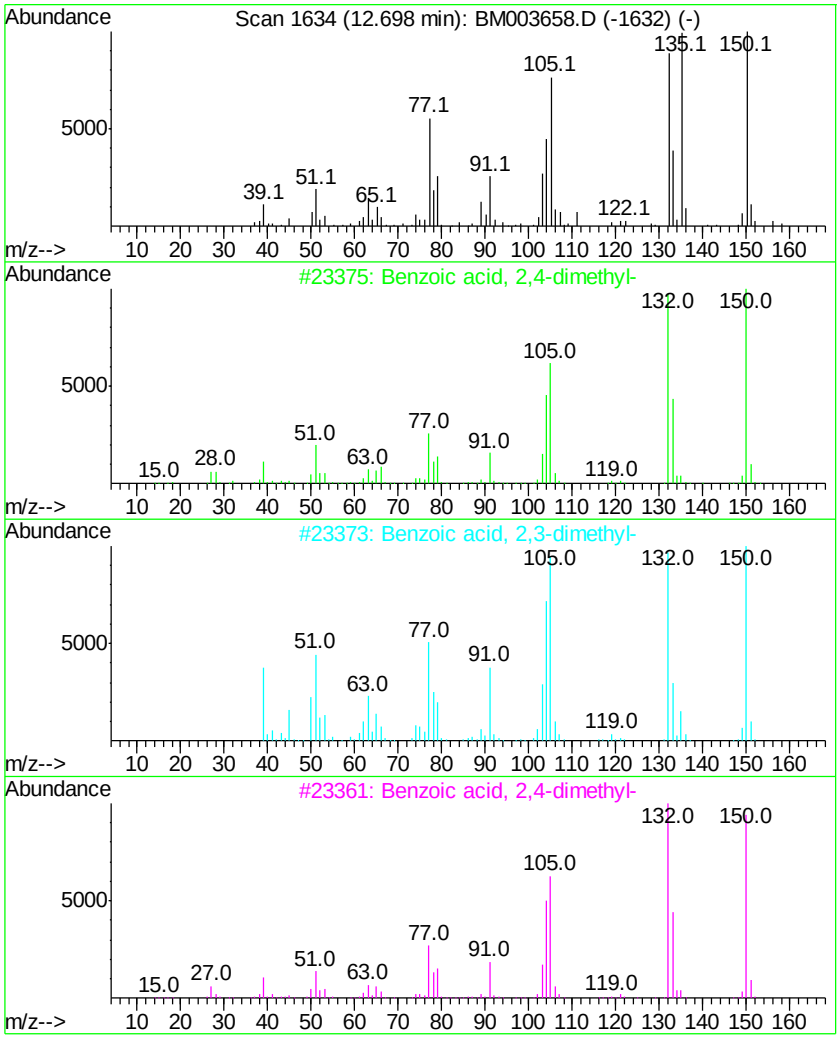
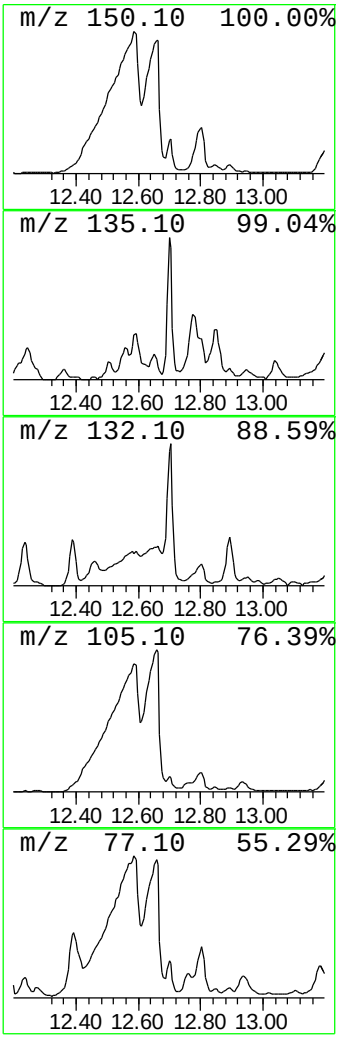
Peak Number 18 Benzoic acid, 2,4-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	18.49 ng/ul	295870	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-dimethyl-	150	C9H10O2	000611-01-8	92
2	Benzoic acid, 2,3-dimethyl-	150	C9H10O2	000603-79-2	70
3	Benzoic acid, 2,4-dimethyl-	150	C9H10O2	000611-01-8	70
4	Benzoic acid, 2,3-dimethyl-	150	C9H10O2	000603-79-2	64
5	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	60





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Misc :
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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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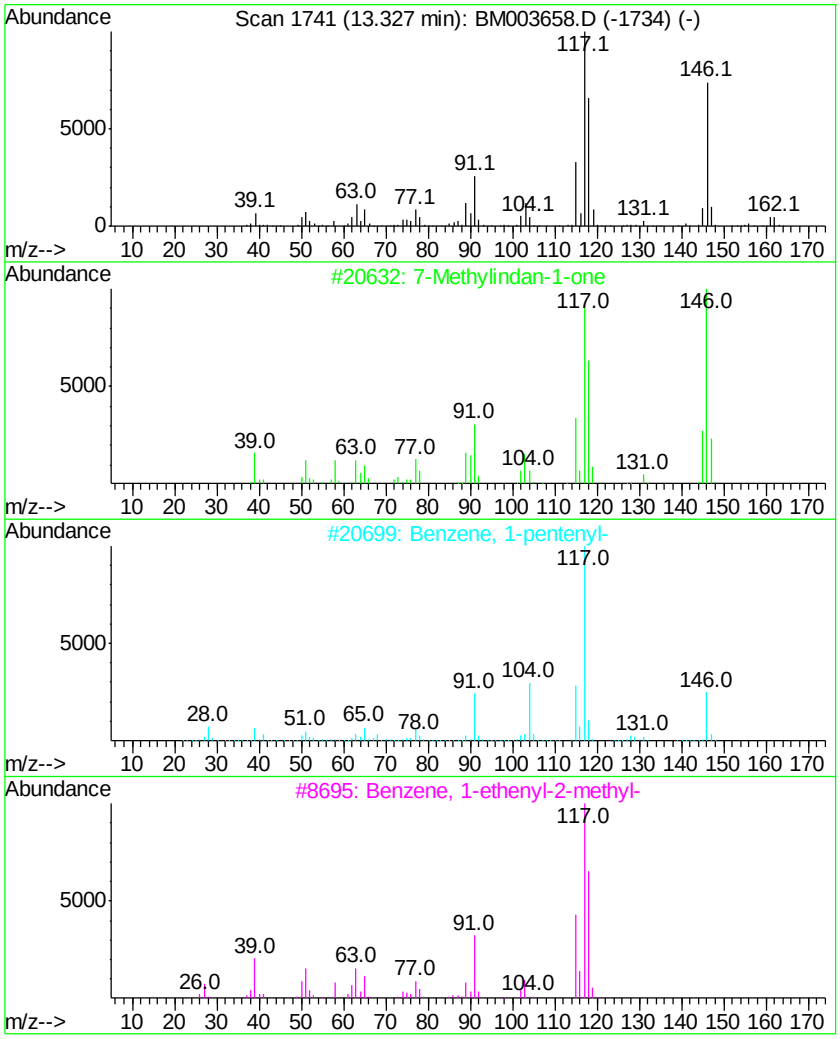
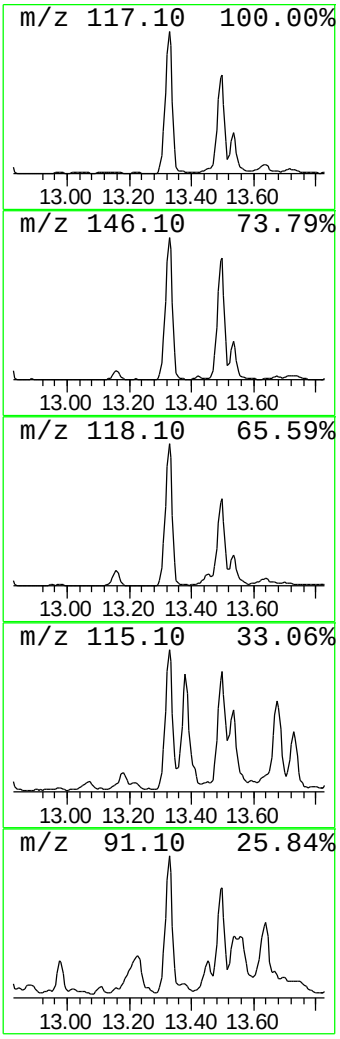
Peak Number 20 7-Methylindan-1-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	131.27 ng/ul	2100670	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	80
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	64
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





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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 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	100.08 ng/ul	1601560	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
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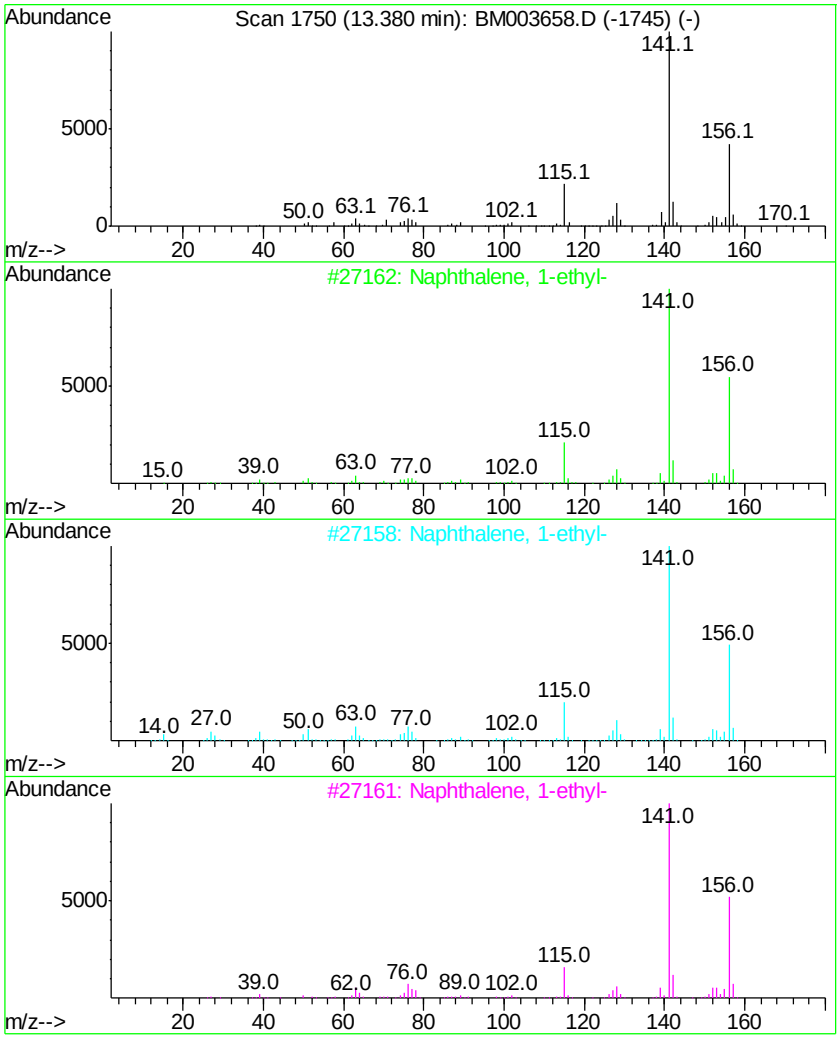

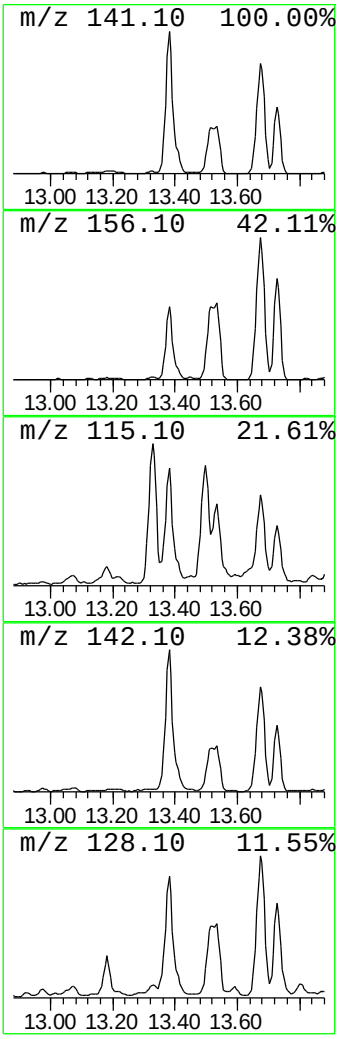

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Quant Title : SVOA CALIBRATION

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

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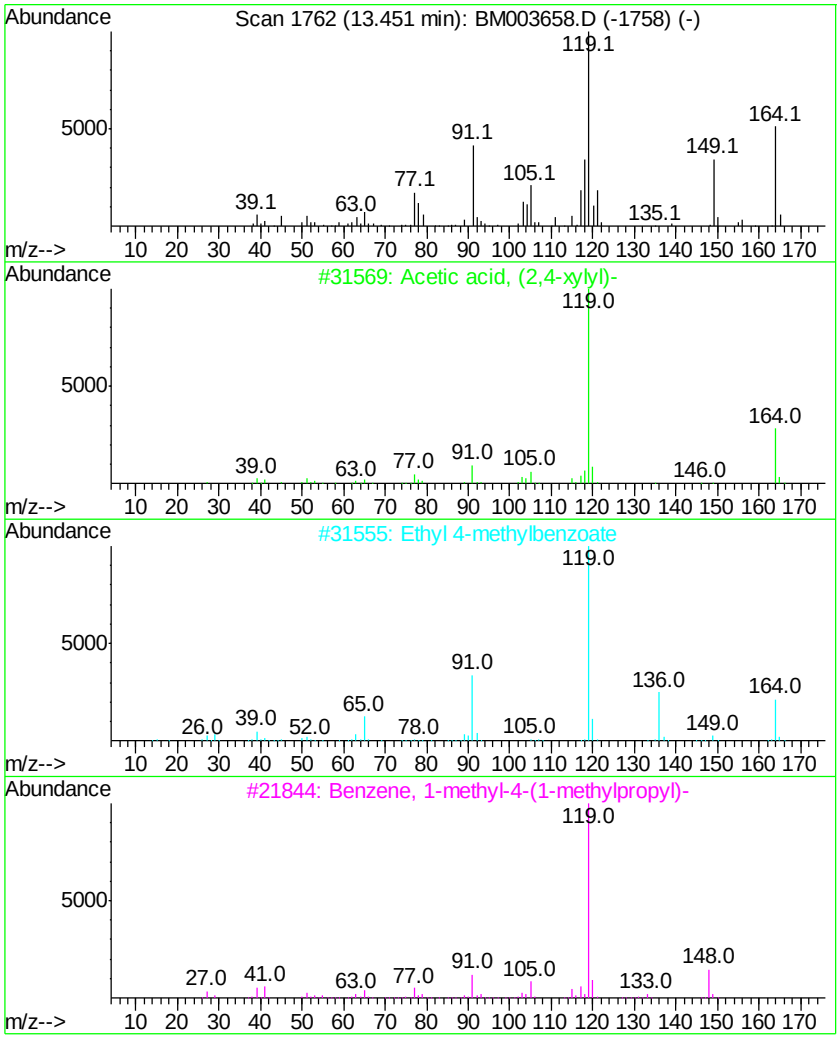
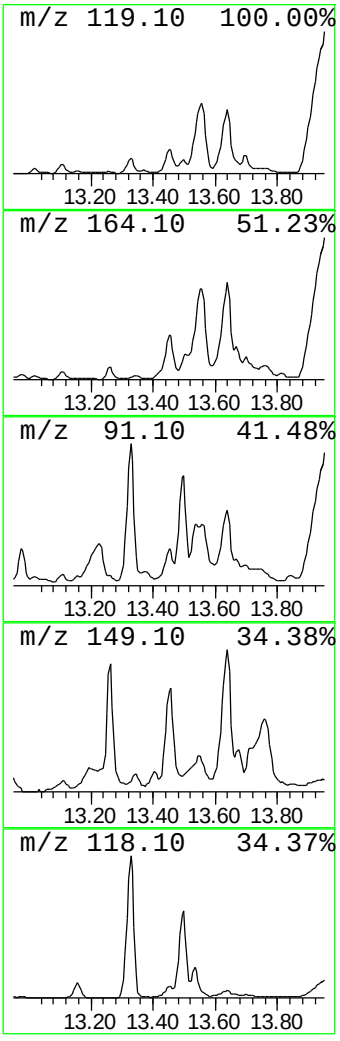
Peak Number 22 Acetic acid, (2,4-xylyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	20.52 ng/ul	328304	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	58
2	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	46
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	43
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	35





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Quant Title : SVOA CALIBRATION

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

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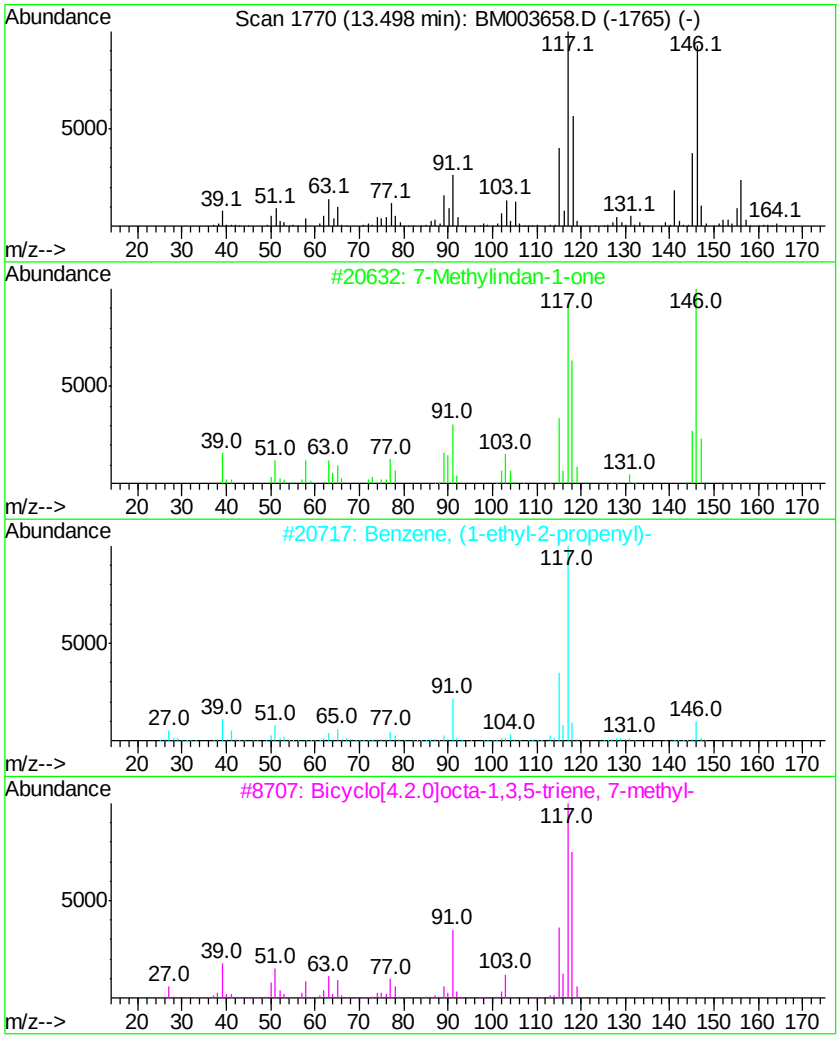
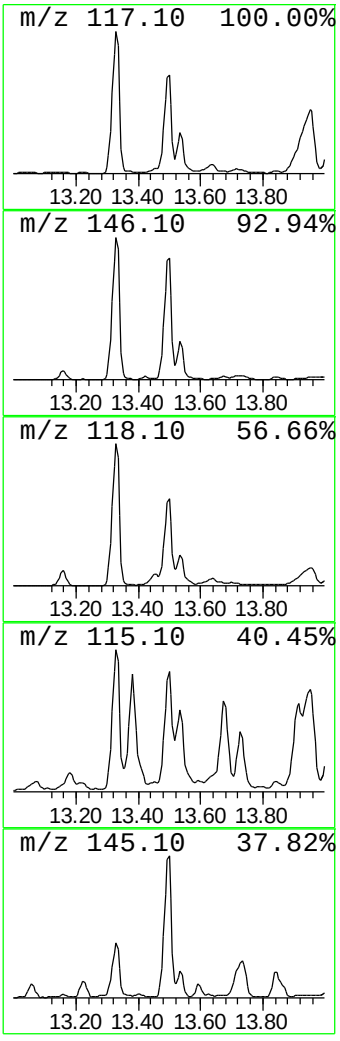
Peak Number 23 7-Methylindan-1-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	136.08 ng/ul	2177610	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	87
2	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	70
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	56
4	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	53
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	50





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ALS Vial : 12 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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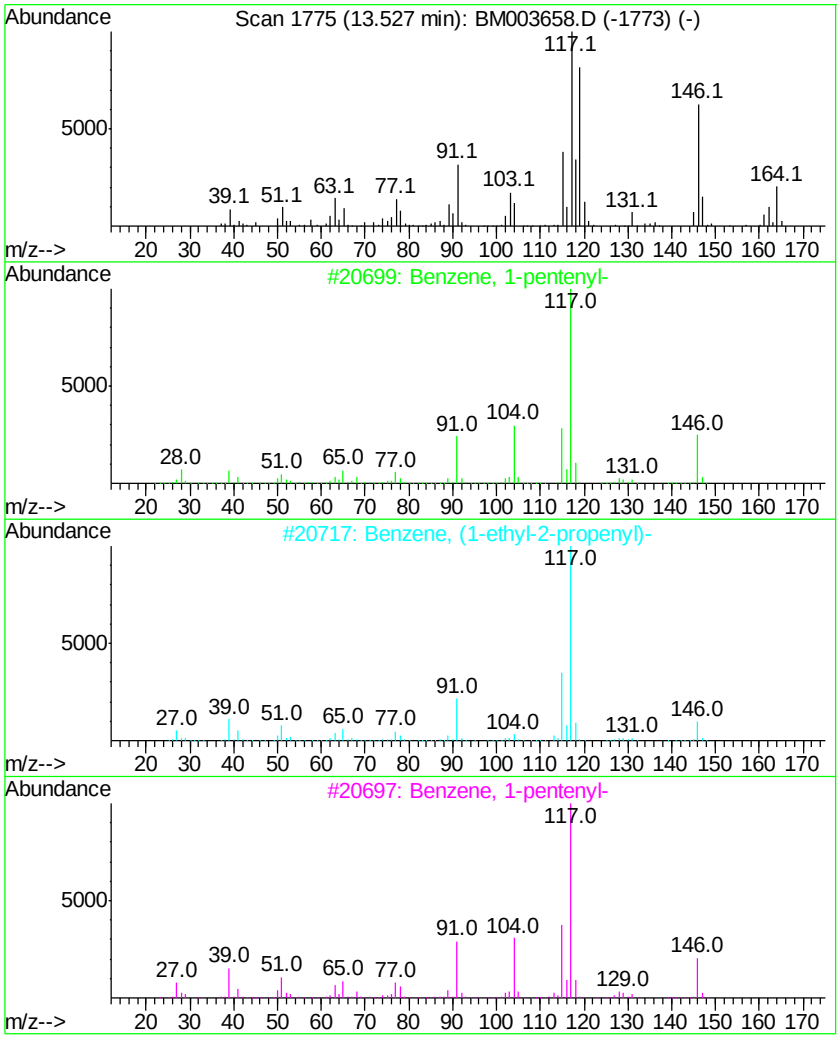
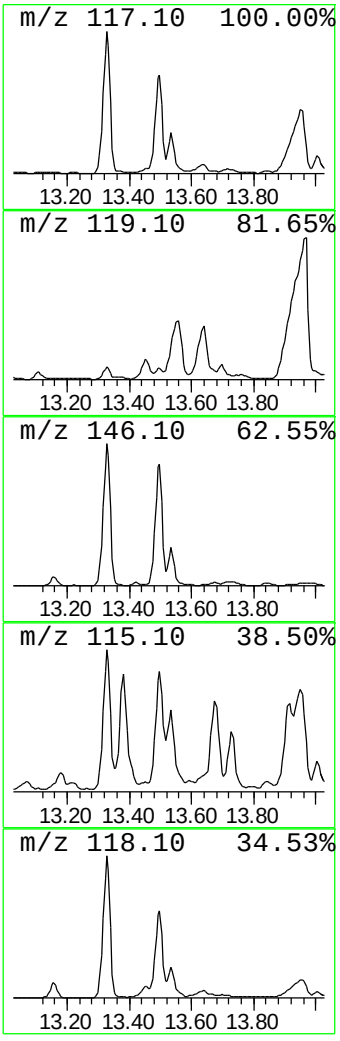
Peak Number 24 unknown13.53 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	129.39 ng/ul	2070440	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	46
2	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	46
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	38
4	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	35
5	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	30





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Data File : BM003658.D
Acq On : 20 Dec 2015 17:17
Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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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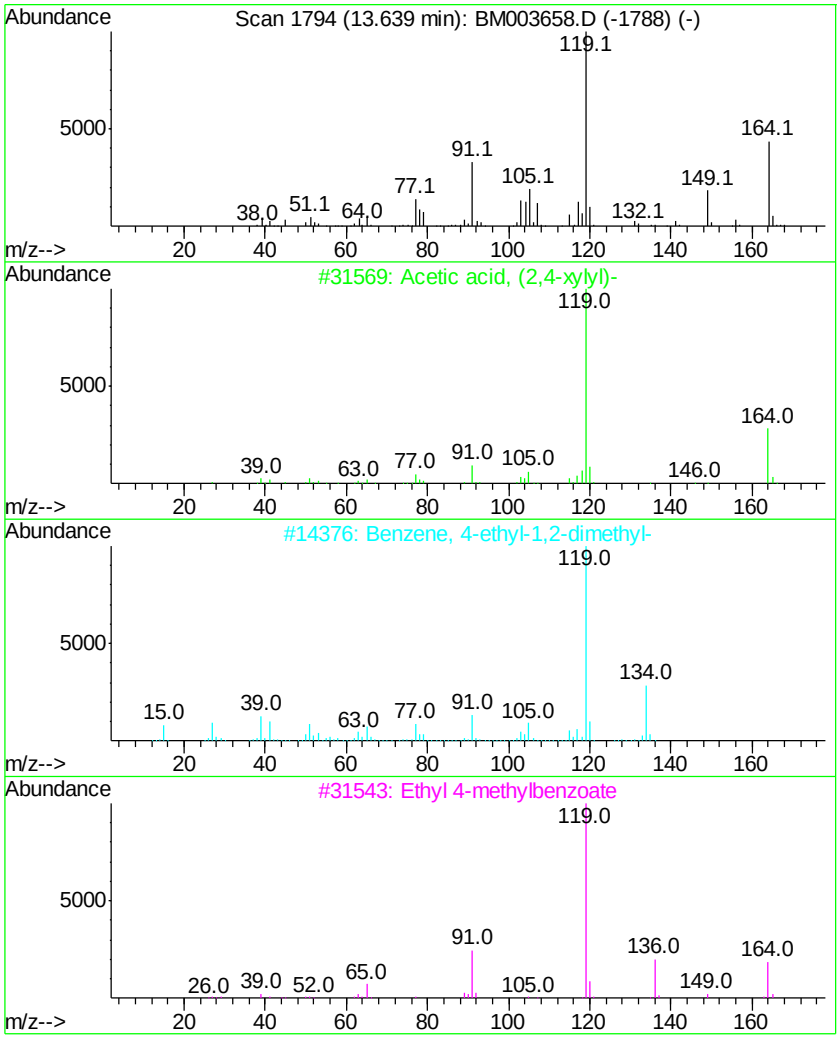
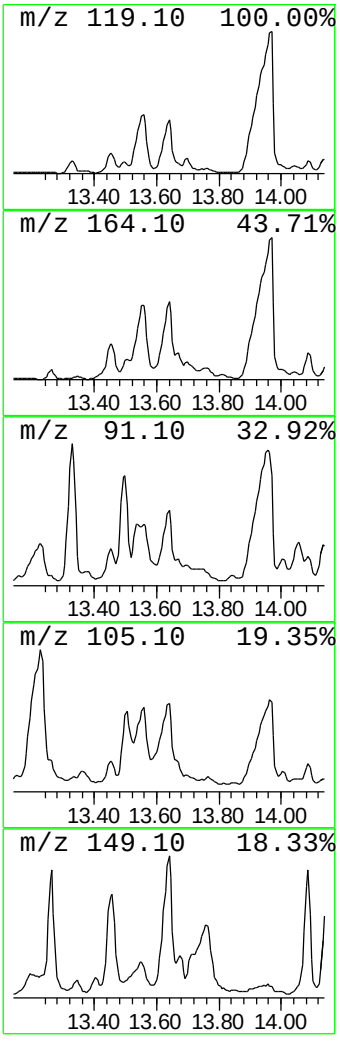
Peak Number 25 Acetic acid, (2,4-xylyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	48.36 ng/ul	773861	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	59
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
3	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	50
4	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	47
5	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	43





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Data File : BM003658.D
Acq On : 20 Dec 2015 17:17
Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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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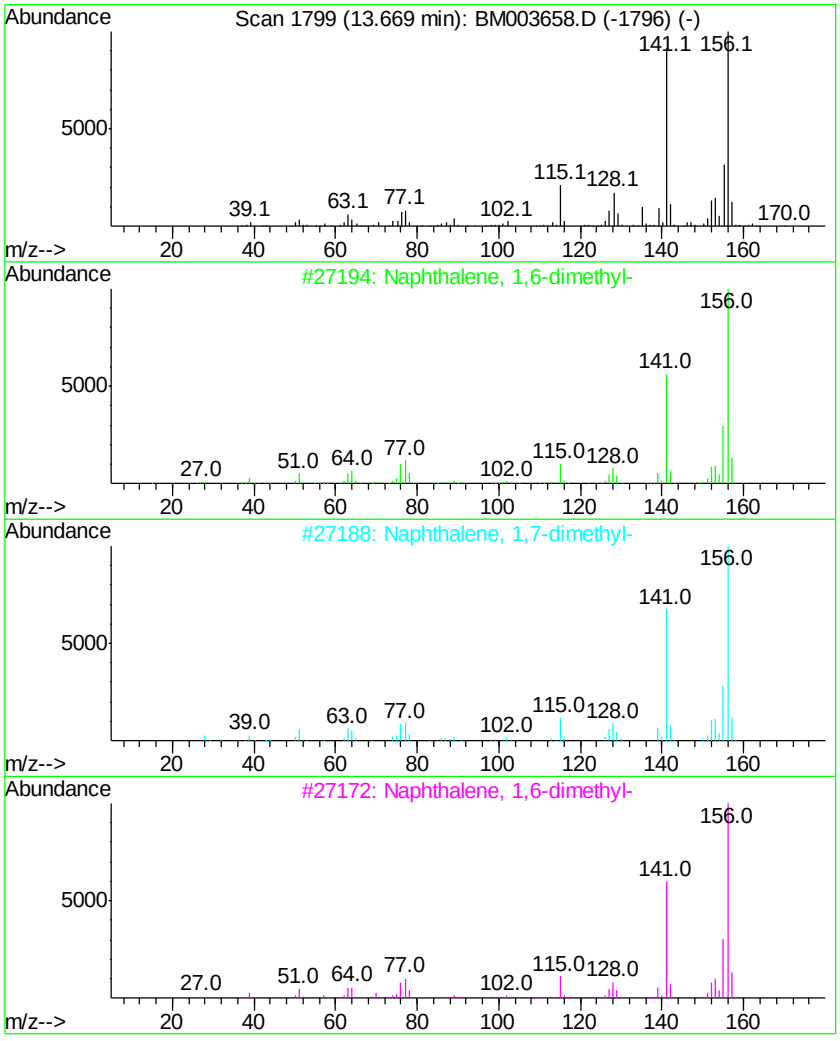
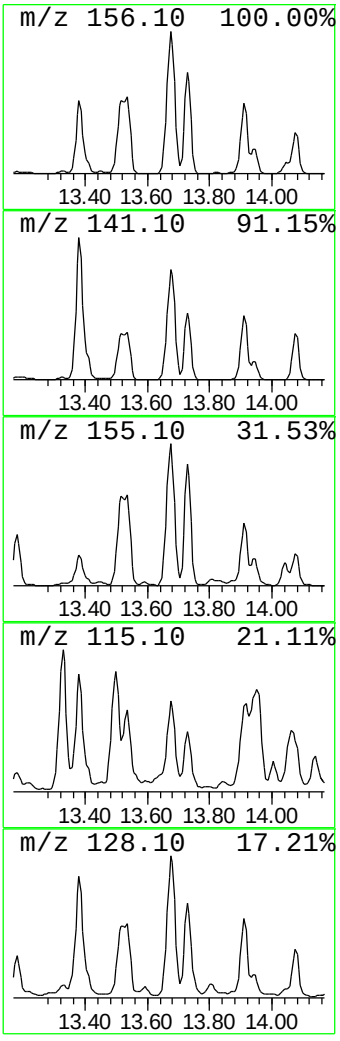
Peak Number 26 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	125.80 ng/ul	2013100	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003658.D
Acq On : 20 Dec 2015 17:17
Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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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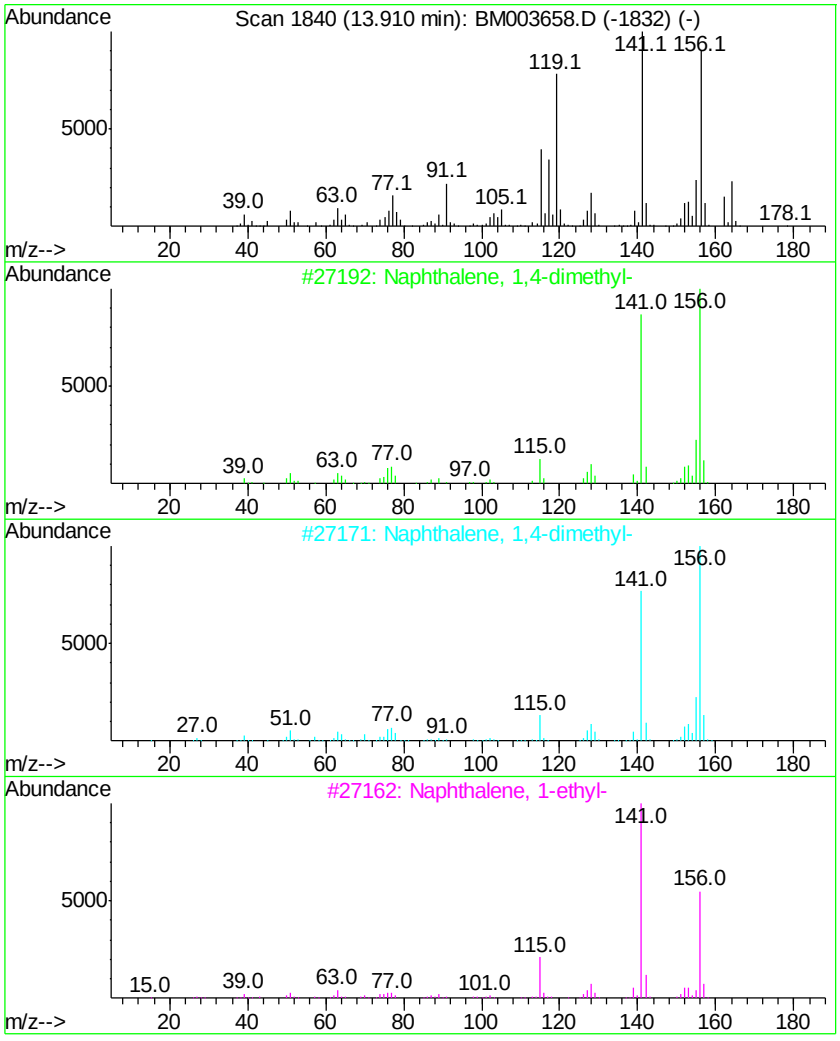
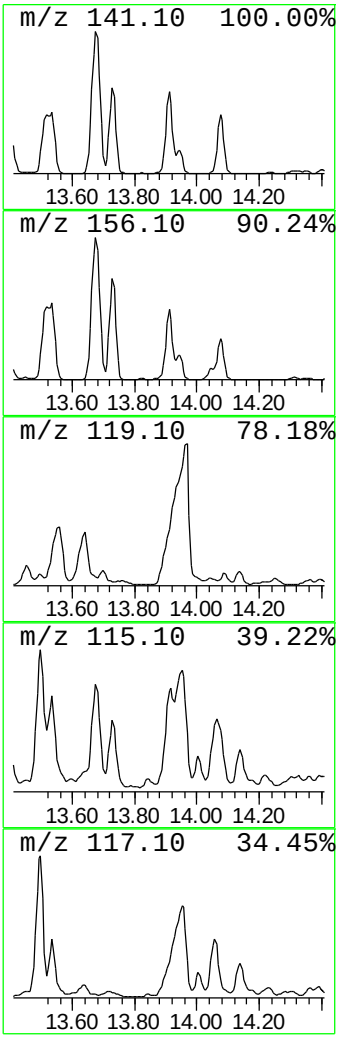
Peak Number 27 Naphthalene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	108.42 ng/ul	1734940	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003658.D
Acq On : 20 Dec 2015 17:17
Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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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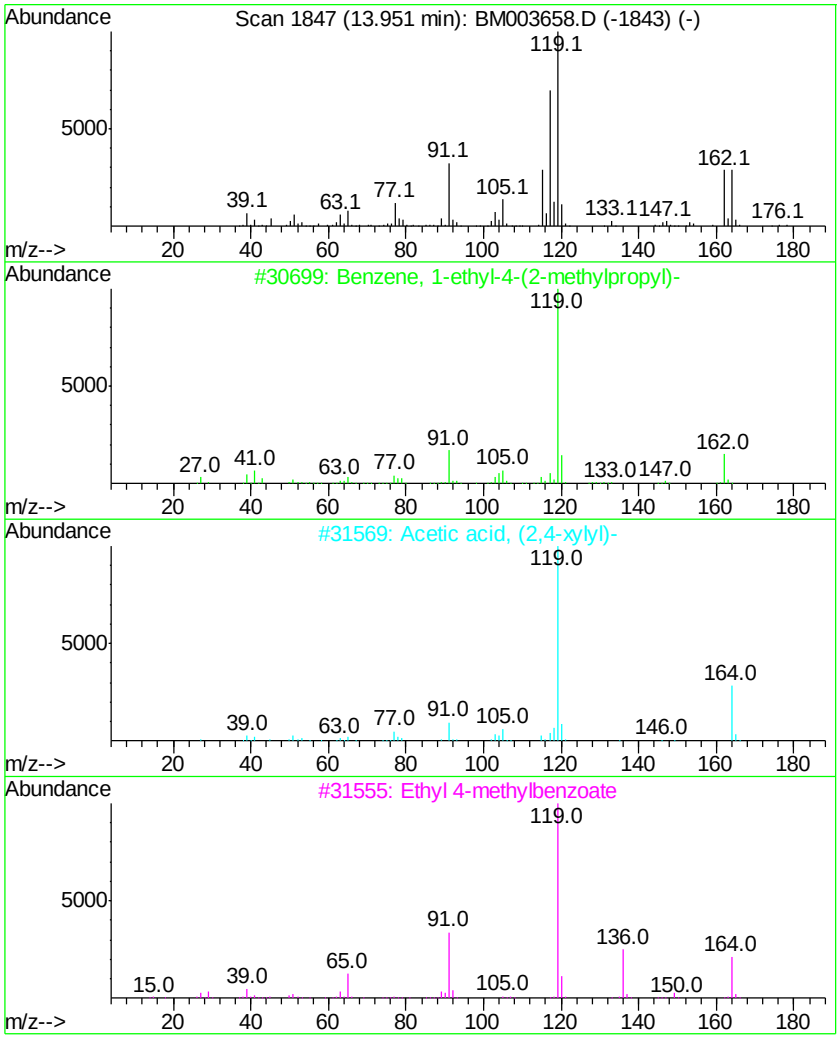
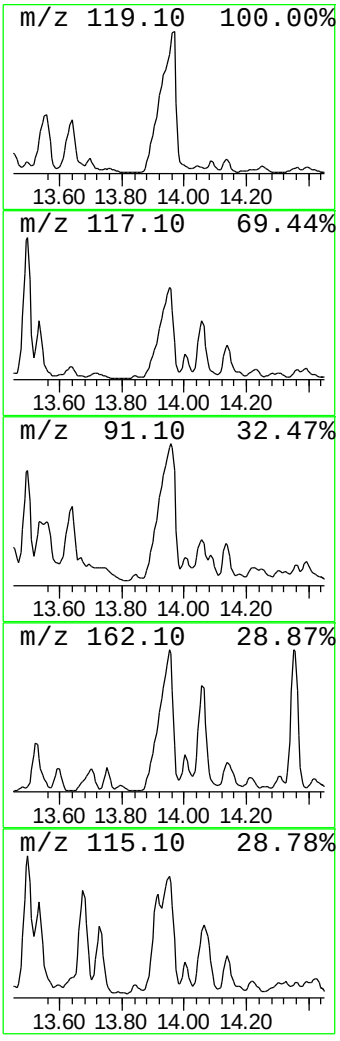
Peak Number 28 Benzene, 1-ethyl-4-(2-methy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	142.24 ng/ul	2276080	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	60
2	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	49
3	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	45
4	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	43
5	Benzene, (1,1,2-trimethylpropyl)-	162	C12H18	026356-11-6	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003658.D
Acq On : 20 Dec 2015 17:17
Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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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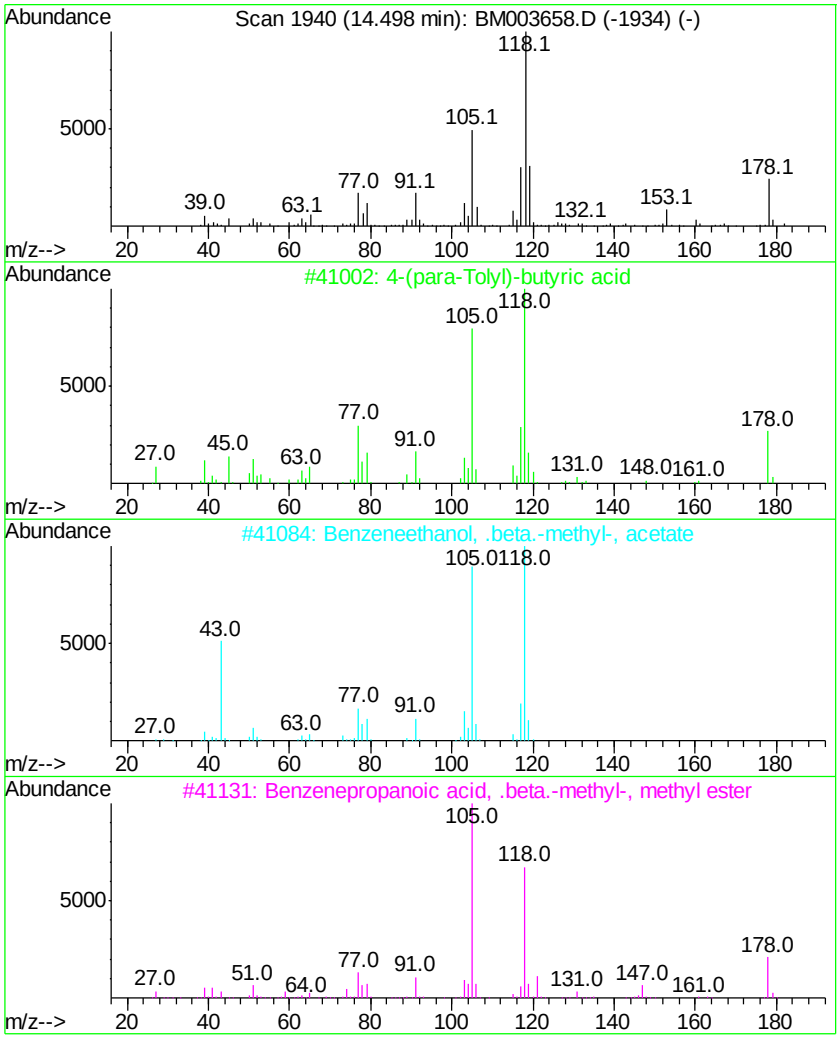
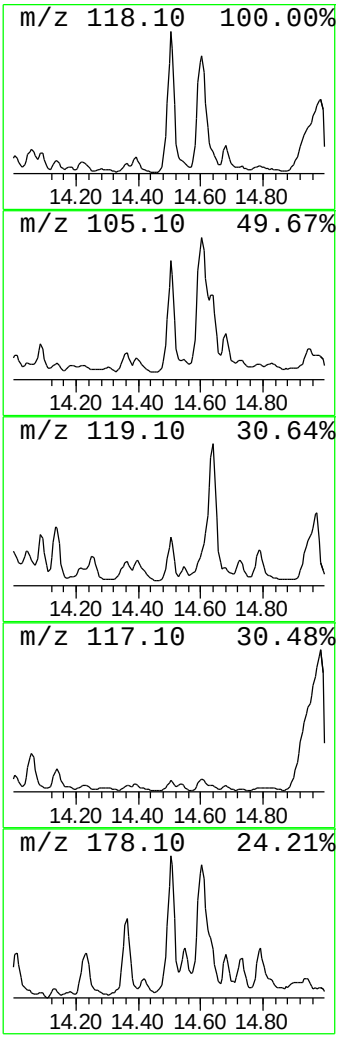
Peak Number 29 4-(para-Tolyl)-butyric acid Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	28.39 ng/ul	454248	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(para-Tolyl)-butyric acid	178	C11H14O2	004521-22-6	90
2	Benzeneethanol, .beta.-methyl-, ...	178	C11H14O2	010402-52-5	53
3	Benzenepropanoic acid, .beta.-me...	178	C11H14O2	003461-39-0	50
4	1,3-Propanediol, 2-methyl-2-phenyl-	166	C10H14O2	024765-53-5	42
5	1-Methyl-1-phenylcyclobutane	146	C11H14	007306-05-0	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122015\
Data File : BM003658.D
Acq On : 20 Dec 2015 17:17
Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

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-ethyl-...	6.79	32.9	ng/ul	1148700	1	7.70	697460	20.0
Benzene, 1,3,5-tr...	7.35	46.2	ng/ul	1612630	1	7.70	697460	20.0
Benzene, 1,1'-(1-...	7.88	9.5	ng/ul	330960	1	7.70	697460	20.0
Indane	8.08	161.7	ng/ul	5640080	1	7.70	697460	20.0
Benzene, 1-propynyl-	8.23	59.8	ng/ul	2084160	1	7.70	697460	20.0
Benzene, 1-methyl...	8.33	9.5	ng/ul	332050	1	7.70	697460	20.0
Benzene, 1-ethyl-...	8.80	16.3	ng/ul	567302	1	7.70	697460	20.0
1H-Indene, 1-methyl-	9.92	2.5	ng/ul	2784370	2	10.50	22164300	20.0
2-Methylindene	10.00	2.8	ng/ul	3047520	2	10.50	22164300	20.0
Naphthalene, 1-me...	12.40	7.5	ng/ul	8333150	2	10.50	22164300	20.0
p-Tolylacetic acid	12.66	142.3	ng/ul	2277690	3	14.35	320044	20.0
Benzoic acid, 2,4...	12.70	18.5	ng/ul	295870	3	14.35	320044	20.0
7-Methylindan-1-one	13.33	131.3	ng/ul	2100670	3	14.35	320044	20.0
Naphthalene, 1-et...	13.38	100.1	ng/ul	1601560	3	14.35	320044	20.0
Acetic acid, (2,4...	13.45	20.5	ng/ul	328304	3	14.35	320044	20.0
7-Methylindan-1-one	13.50	136.1	ng/ul	2177610	3	14.35	320044	20.0
unknown13.53	13.53	129.4	ng/ul	2070440	3	14.35	320044	20.0
Acetic acid, (2,4...	13.64	48.4	ng/ul	773861	3	14.35	320044	20.0
Naphthalene, 1,6-...	13.67	125.8	ng/ul	2013100	3	14.35	320044	20.0
Naphthalene, 1,4-...	13.91	108.4	ng/ul	1734940	3	14.35	320044	20.0
Benzene, 1-ethyl-...	13.95	142.2	ng/ul	2276080	3	14.35	320044	20.0
4-(para-Tolyl)-bu...	14.50	28.4	ng/ul	454248	3	14.35	320044	20.0