LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
Data File : BM003691.D
Acq On : 22 Dec 2015 00:06
Operator : UM/SJ
Sample : G4867-04DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1DL

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	3.363	44	47	49	rVB	693	835	0.15%	0.026%
2	3.893	133	137	143	rBB	20130	24689	4.50%	0.763%
3	5.210	356	361	367	rBB	41034	57160	10.42%	1.766%
4	5.340	378	383	391	rBB	16386	33091	6.03%	1.023%
5	5.710	441	446	451	rBB	19449	26767	4.88%	0.827%
6	6.181	524	526	530	rBB	875	1153	0.21%	0.036%
7	6.781	624	628	633	rBB	9151	12092	2.20%	0.374%
8	6.840	634	638	643	rBB	5863	7631	1.39%	0.236%
9	6.916	648	651	654	rBB	1495	1920	0.35%	0.059%
10	7.081	676	679	683	rBB	1773	2325	0.42%	0.072%
11	7.340	719	723	730	rBB2	9468	16248	2.96%	0.502%
12	7.692	777	783	791	rBB	103811	157598	28.72%	4.870%
13	7.804	798	802	806	rBB	3981	5093	0.93%	0.157%
14	7.875	811	814	817	rBB	1526	1532	0.28%	0.047%
15	8.063	840	846	852	rBB	64215	97066	17.69%	3.000%
16	8.181	864	866	869	rBB	963	980	0.18%	0.030%
17	8.228	869	874	879	rBB	15365	23327	4.25%	0.721%
18	8.328	888	891	894	rBB	1170	1209	0.22%	0.037%
19	8.792	967	970	974	rBB	2076	2355	0.43%	0.073%
20	8.869	981	983	986	rBB	565	701	0.13%	0.022%
21	9.375	1066	1069	1072	rBB	643	872	0.16%	0.027%
22	9.733	1126	1130	1134	rBB	2396	3045	0.55%	0.094%
23	9.916	1152	1161	1165	rBB4	9123	20758	3.78%	0.641%
24	9.981	1166	1172	1177	rBV	16808	30939	5.64%	0.956%
25	10.186	1205	1207	1209	rBB2	924	889	0.16%	0.027%
26	10.480	1251	1257	1261	rBV	140015	230860	42.07%	7.134%
27	10.533	1261	1266	1276	rVB	332702	548726	100.00%	16.957%
28	10.651	1281	1286	1291	rBB	4798	8100	1.48%	0.250%
29	11.028	1348	1350	1353	rBB	491	603	0.11%	0.019%
30	11.575	1440	1443	1445	rBV	409	623	0.11%	0.019%
31	11.675	1457	1460	1463	rBB	1157	1177	0.21%	0.036%
32	12.045	1520	1523	1526	rBB	1212	1475	0.27%	0.046%
33	12.151	1535	1541	1549	rBB	97134	145846	26.58%	4.507%
34	12.216	1550	1552	1555	rBB	981	1108	0.20%	0.034%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
Data File : BM003691.D
Acq On : 22 Dec 2015 00:06
Operator : UM/SJ
Sample : G4867-04DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1DL

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	12.374	1570	1579	1584	rBV	74603	121575	22.16%	3.757%
36	12.422	1584	1587	1597	rVB	4487	7087	1.29%	0.219%
37	12.798	1648	1651	1654	rBB	2643	2965	0.54%	0.092%
38	13.174	1711	1715	1719	rBB	4072	5055	0.92%	0.156%
39	13.310	1734	1738	1743	rBB	6503	9107	1.66%	0.281%
40	13.369	1744	1748	1755	rBB	5897	8720	1.59%	0.269%
41	13.474	1762	1766	1769	rBV	5346	8016	1.46%	0.248%
42	13.516	1769	1773	1778	rVB2	4262	8606	1.57%	0.266%
43	13.663	1793	1798	1803	rBB2	9024	13531	2.47%	0.418%
44	13.716	1804	1807	1811	rBB	4450	5669	1.03%	0.175%
45	13.757	1811	1814	1817	rBB	1292	1689	0.31%	0.052%
46	13.827	1823	1826	1830	rBB	1654	1646	0.30%	0.051%
47	13.904	1835	1839	1842	rBV	3432	4456	0.81%	0.138%
48	13.933	1842	1844	1846	rVB	890	861	0.16%	0.027%
49	14.039	1858	1862	1864	rBV	1412	2165	0.39%	0.067%
50	14.068	1864	1867	1870	rVB	3089	3963	0.72%	0.122%
51	14.345	1908	1914	1921	rBB2	193319	288030	52.49%	8.901%
52	14.410	1921	1925	1930	rBB	21911	29414	5.36%	0.909%
53	14.751	1980	1983	1985	rBB	587	685	0.12%	0.021%
54	14.827	1993	1996	1999	rBB	968	944	0.17%	0.029%
55	15.215	2060	2062	2065	rBB	1296	1340	0.24%	0.041%
56	15.339	2080	2083	2087	rBB	4443	5625	1.03%	0.174%
57	15.398	2088	2093	2098	rBB	6459	8421	1.53%	0.260%
58	15.810	2160	2163	2166	rBB	1528	2014	0.37%	0.062%
59	16.074	2205	2208	2211	rBB	2481	3026	0.55%	0.094%
60	16.880	2343	2345	2348	rBB	583	624	0.11%	0.019%
61	16.921	2348	2352	2362	rBB2	9874	12836	2.34%	0.397%
62	17.098	2376	2382	2386	rBV2	236928	340066	61.97%	10.509%
63	17.139	2386	2389	2394	rVB	11560	14177	2.58%	0.438%
64	17.192	2395	2398	2401	rBV	2173	2717	0.50%	0.084%
65	17.227	2401	2404	2407	rVB	1110	1443	0.26%	0.045%
66	17.504	2448	2451	2453	rBB	601	661	0.12%	0.020%
67	18.021	2537	2539	2541	rBB	784	653	0.12%	0.020%
68	18.168	2561	2564	2566	rBB	804	755	0.14%	0.023%
69	18.909	2686	2690	2693	rBB	3309	4408	0.80%	0.136%
70	19.162	2730	2733	2735	rVB	1080	1054	0.19%	0.033%
71	19.209	2738	2741	2743	rBV	351	584	0.11%	0.018%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
Data File : BM003691.D
Acq On : 22 Dec 2015 00:06
Operator : UM/SJ
Sample : G4867-04DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1DL

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	19.492	2785	2789	2793	rBV	3852	4711	0.86%	0.146%
73	19.521	2793	2794	2797	rVB	1198	1037	0.19%	0.032%
74	19.927	2860	2863	2866	rBV	1964	1724	0.31%	0.053%
75	20.497	2958	2960	2964	rVB2	687	589	0.11%	0.018%
76	20.539	2964	2967	2969	rBV2	463	615	0.11%	0.019%
77	21.050	3051	3054	3055	rBV3	853	853	0.16%	0.026%
78	21.292	3090	3095	3100	rBV	345234	418994	76.36%	12.948%
79	21.392	3110	3112	3114	rBV2	790	844	0.15%	0.026%
80	22.480	3295	3297	3301	rVB3	3816	3837	0.70%	0.119%
81	23.538	3469	3477	3488	rBV2	220687	409403	74.61%	12.652%

Sum of corrected areas: 3235988

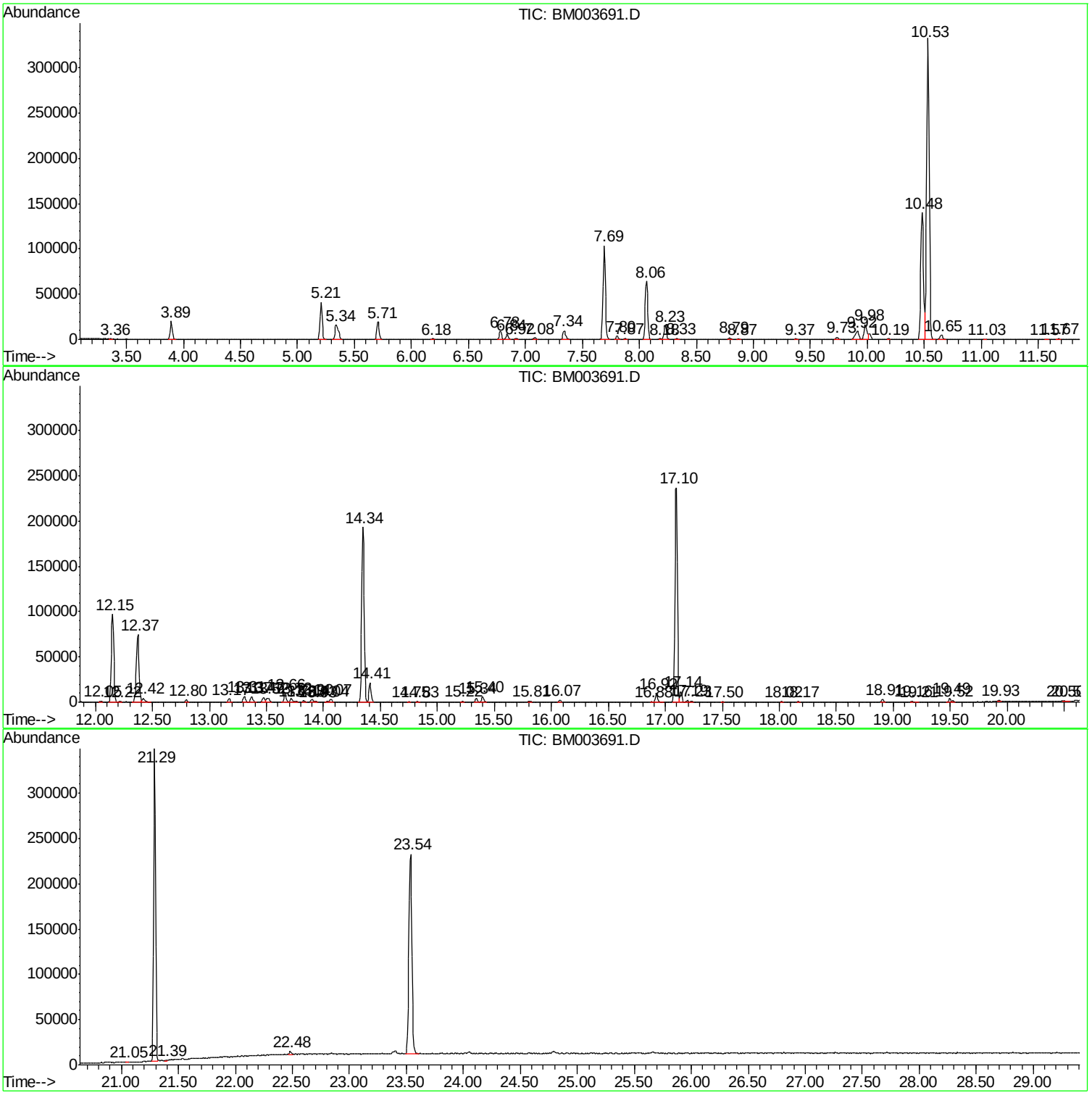
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
Data File : BM003691.D
Acq On : 22 Dec 2015 00:06
Operator : UM/SJ
Sample : G4867-04DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1DL

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\BM122115\
Data File : BM003691.D
Acq On : 22 Dec 2015 00:06
Operator : UM/SJ
Sample : G4867-04DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1DL

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

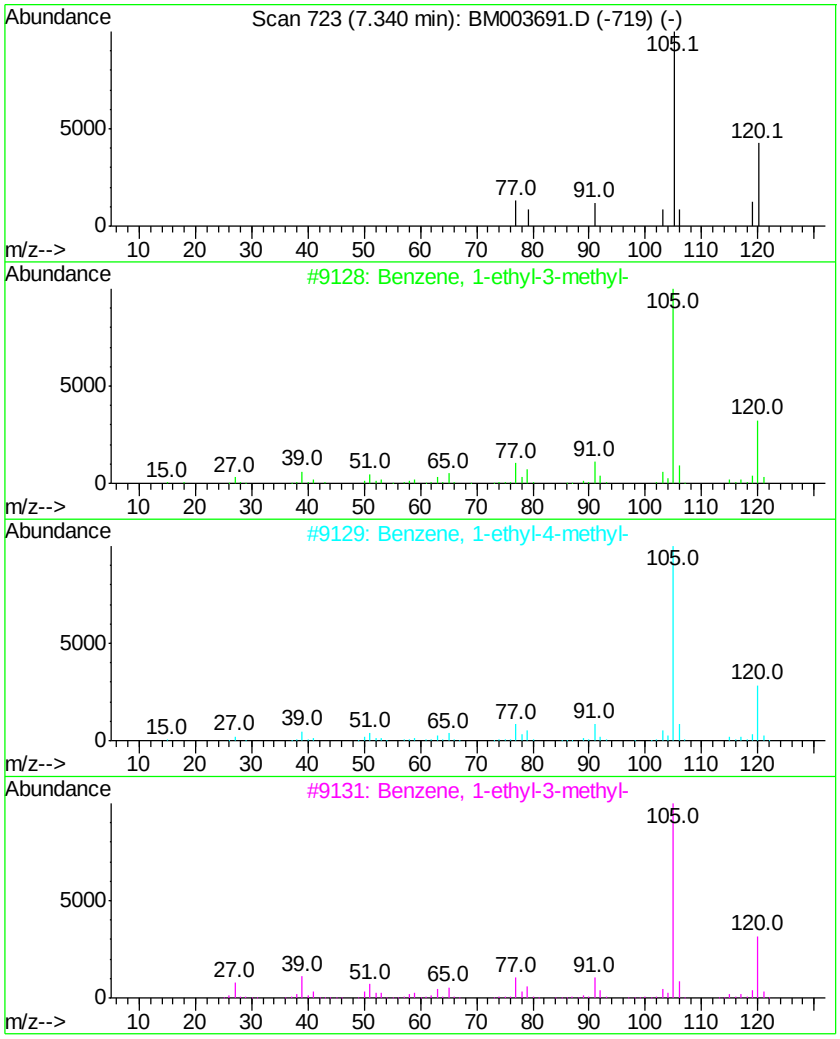
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

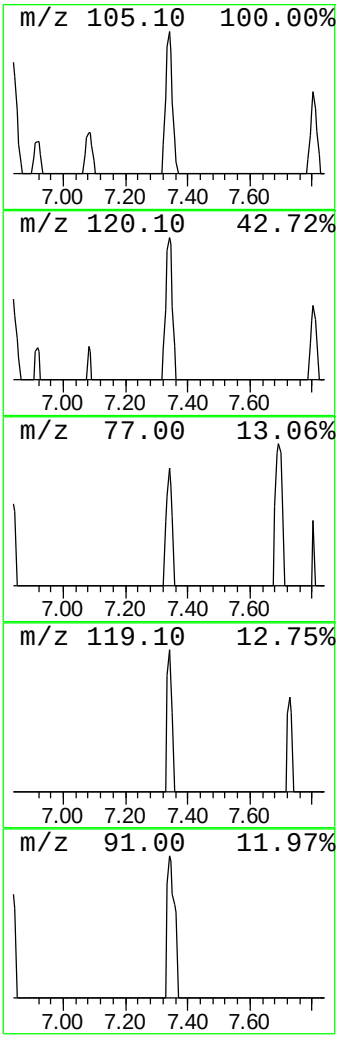
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	2.06 ng/ul	16248	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
Data File : BM003691.D
Acq On : 22 Dec 2015 00:06
Operator : UM/SJ
Sample : G4867-04DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1DL

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

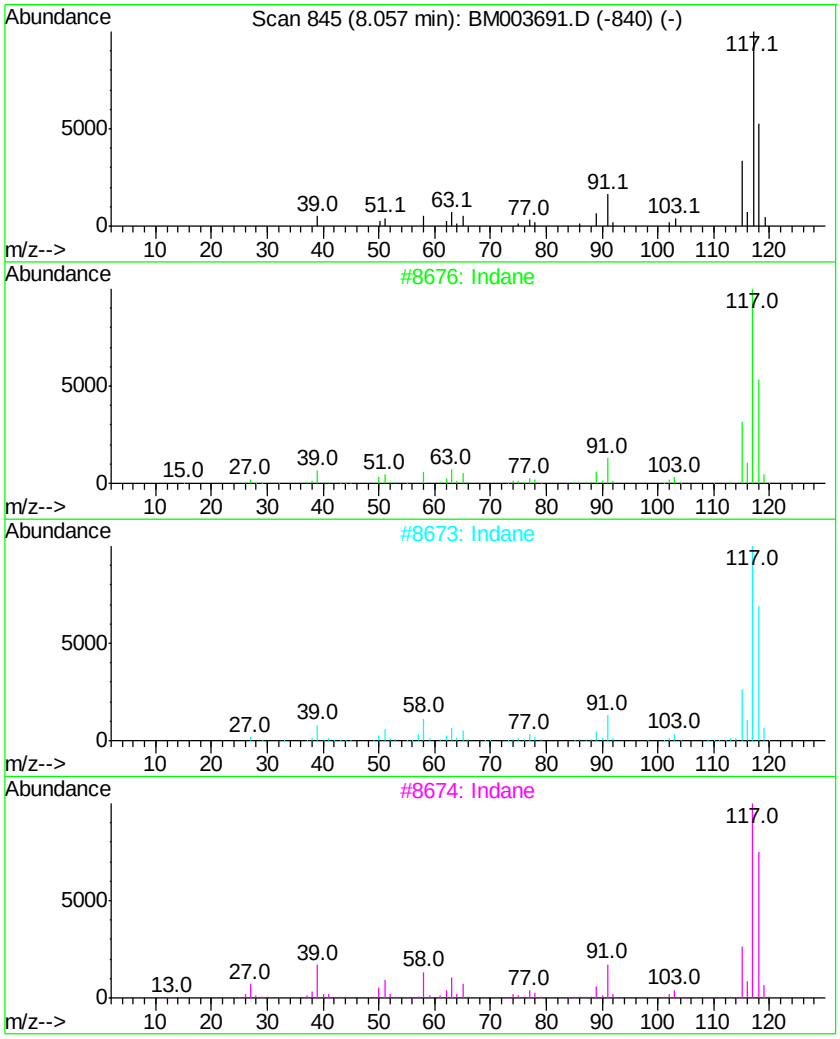
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

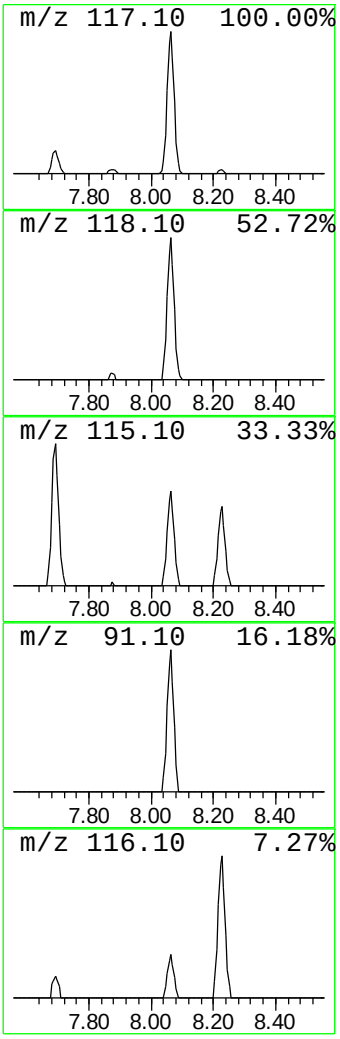
****

Peak Number 6 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	12.32 ng/ul	97066	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
Data File : BM003691.D
Acq On : 22 Dec 2015 00:06
Operator : UM/SJ
Sample : G4867-04DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1DL

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

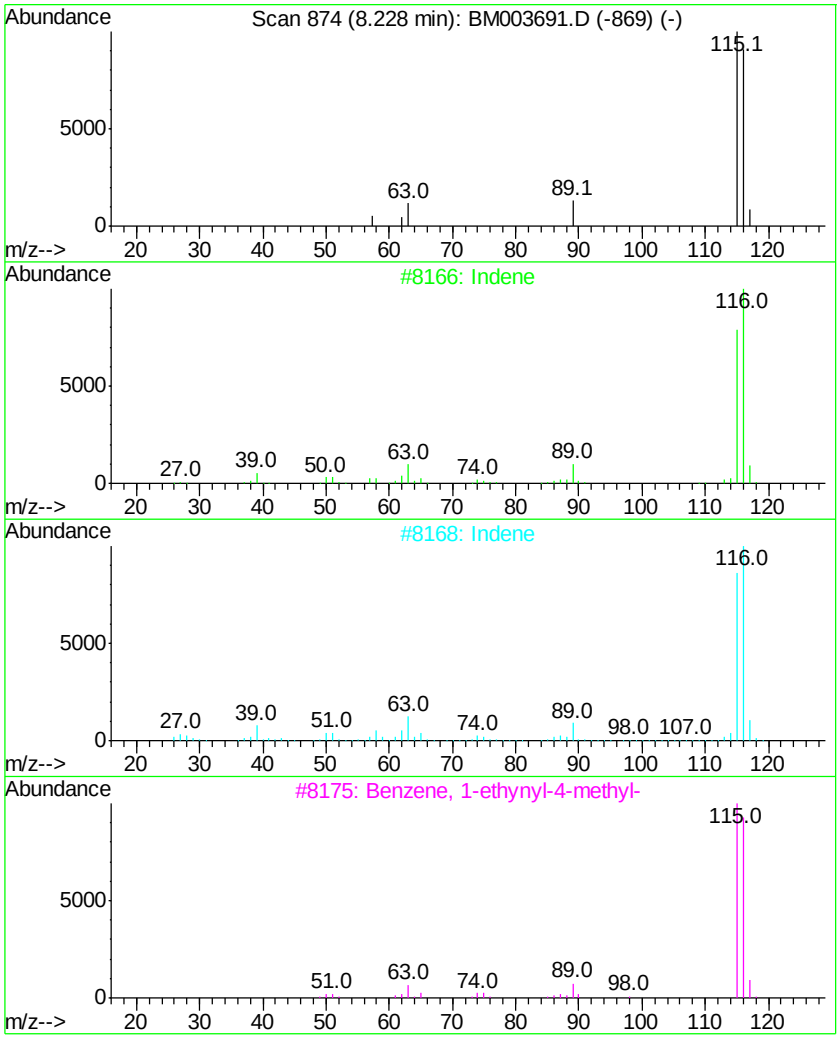
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

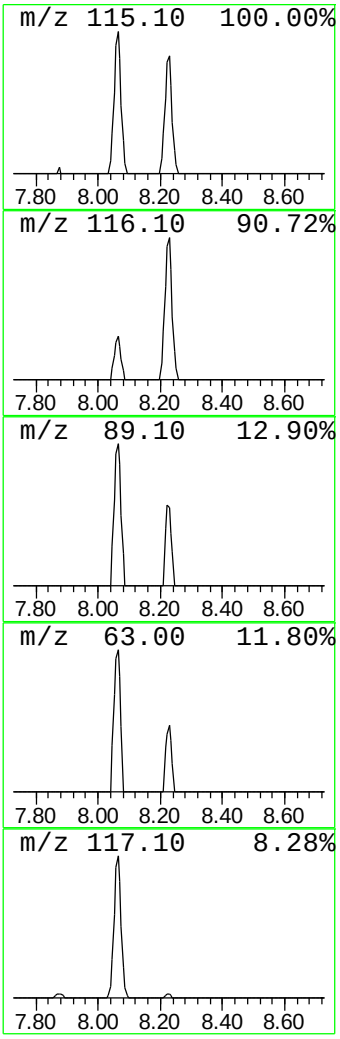
****

Peak Number 7 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	2.96 ng/ul	23327	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	90
2	Indene	116	C9H8	000095-13-6	90
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	83
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	83
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
Data File : BM003691.D
Acq On : 22 Dec 2015 00:06
Operator : UM/SJ
Sample : G4867-04DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1DL

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

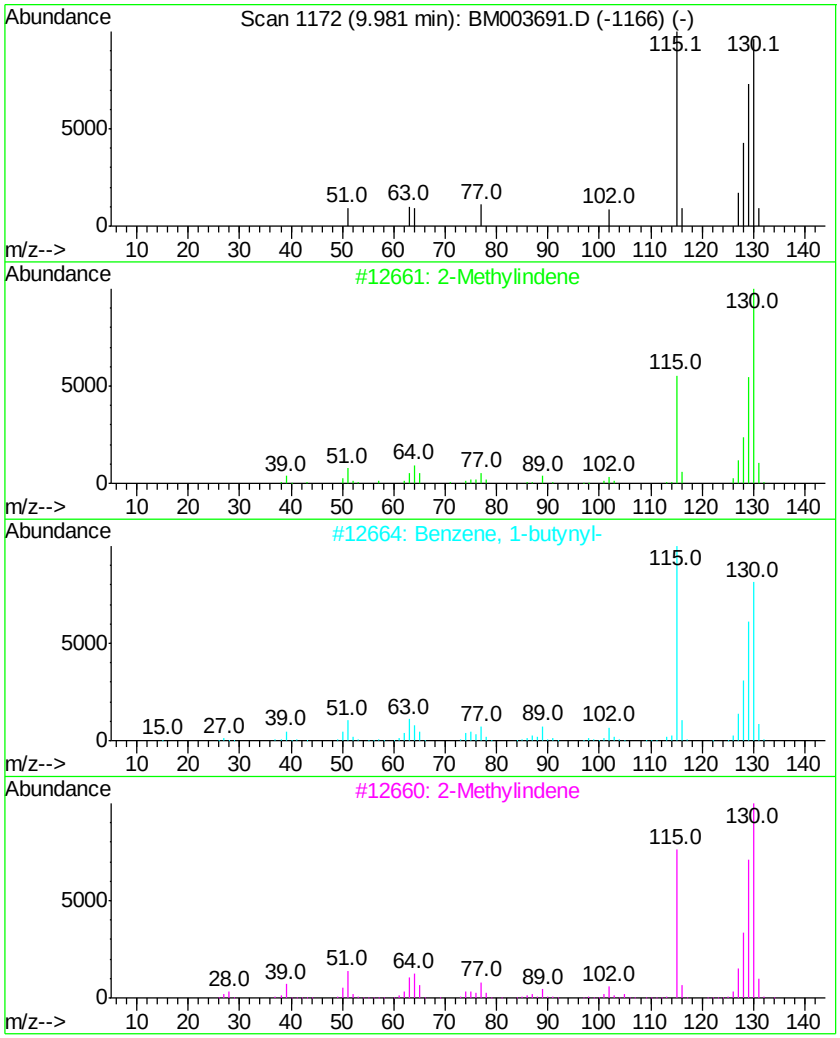
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

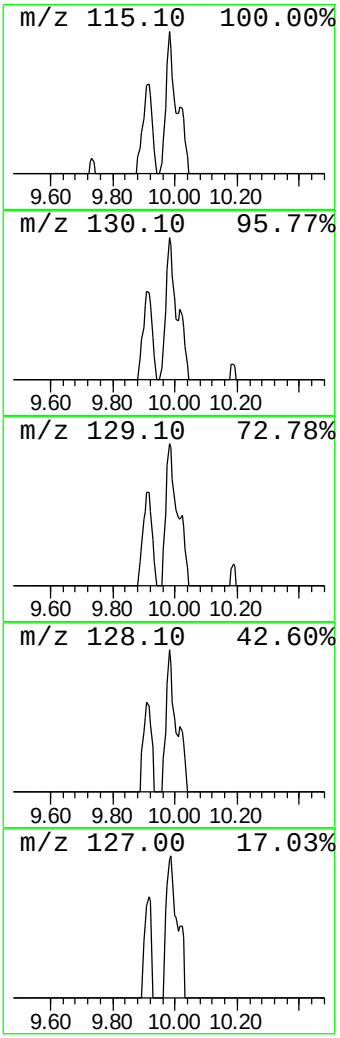
****

Peak Number 8 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	2.68 ng/ul	30939	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	87
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	87
3	2-Methylindene	130	C10H10	002177-47-1	87
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	87
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
Data File : BM003691.D
Acq On : 22 Dec 2015 00:06
Operator : UM/SJ
Sample : G4867-04DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1DL

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

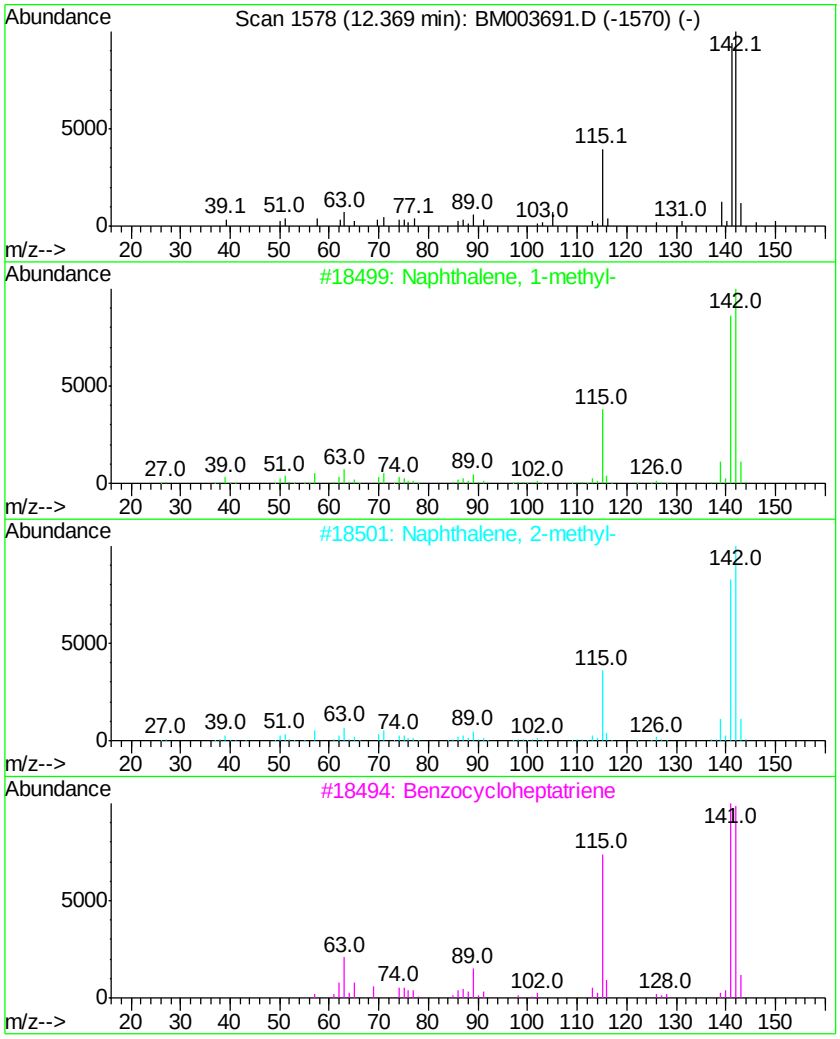
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

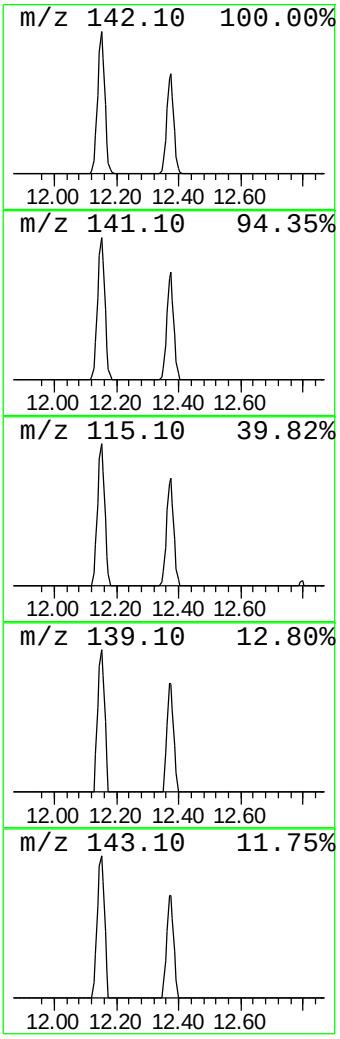
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	10.53 ng/ul	121575	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122115\
Data File : BM003691.D
Acq On : 22 Dec 2015 00:06
Operator : UM/SJ
Sample : G4867-04DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1DL

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-...	7.34	2.1	ng/ul	16248	1	7.69	157598	20.0
Indane	8.06	12.3	ng/ul	97066	1	7.69	157598	20.0
Indene	8.23	3.0	ng/ul	23327	1	7.69	157598	20.0
2-Methylindene	9.98	2.7	ng/ul	30939	2	10.48	230860	20.0
Naphthalene, 1-me...	12.37	10.5	ng/ul	121575	2	10.48	230860	20.0