LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095115.D
Acq On : 12 May 2017 16:53
Operator : SJ/MA
Sample : I3098-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.507	91	97	102	rBV	119866	197587	5.98%	0.443%
2	2.555	102	105	116	rVB2	79785	145536	4.41%	0.326%
3	3.002	172	181	198	rVB2	52880	135493	4.10%	0.304%
4	3.972	342	346	356	rVB	46367	89510	2.71%	0.201%
5	5.001	517	521	527	rBV	66521	122647	3.71%	0.275%
6	5.060	527	531	541	rVB4	46981	114783	3.48%	0.257%
7	5.348	575	580	594	rBV	352266	566160	17.14%	1.270%
8	5.554	608	615	624	rVB3	44236	97065	2.94%	0.218%
9	5.648	628	631	648	rBV	447990	1054874	31.94%	2.366%
10	5.907	671	675	681	rVB	27958	37025	1.12%	0.083%
11	6.413	757	761	770	rBV	88007	126217	3.82%	0.283%
12	6.866	831	838	848	rVB	291657	367718	11.13%	0.825%
13	6.978	852	857	860	rVV	127396	154959	4.69%	0.348%
14	7.019	860	864	874	rVB	514545	625987	18.95%	1.404%
15	7.101	874	878	882	rBV	80661	101248	3.07%	0.227%
16	7.154	882	887	893	rVB4	25245	45285	1.37%	0.102%
17	7.213	893	897	902	rBV	655372	819983	24.83%	1.840%
18	7.260	902	905	919	rVV	292442	720063	21.80%	1.615%
19	7.366	919	923	931	rVV	1383315	2106331	63.77%	4.725%
20	7.442	931	936	944	rVB	1979656	2279711	69.02%	5.114%
21	7.589	953	961	963	rBV2	28400	58722	1.78%	0.132%
22	7.642	967	970	974	rVB	60449	73078	2.21%	0.164%
23	7.701	976	980	988	rBV	416330	499618	15.13%	1.121%
24	7.795	988	996	1001	rBV2	719562	933082	28.25%	2.093%
25	7.842	1001	1004	1011	rVB	51252	56823	1.72%	0.127%
26	7.937	1015	1020	1023	rBV	1604278	1929226	58.41%	4.328%
27	7.972	1023	1026	1031	rVB	996611	1089378	32.98%	2.444%
28	8.119	1046	1051	1055	rBV	488010	540401	16.36%	1.212%
29	8.160	1055	1058	1063	rVV	294867	348867	10.56%	0.783%
30	8.225	1064	1069	1084	rVV2	475548	1033737	31.30%	2.319%
31	8.342	1084	1089	1098	rVB	271111	325384	9.85%	0.730%
32	8.460	1105	1109	1112	rBV	550896	594735	18.01%	1.334%
33	8.495	1112	1115	1119	rVB	449645	472331	14.30%	1.060%
34	8.542	1119	1123	1124	rBV	142431	142921	4.33%	0.321%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I3098-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.572	1124	1128	1130	rBV	1123158	1306801	39.56%	2.932%
36	8.607	1130	1134	1137	rVB2	1069489	1375239	41.64%	3.085%
37	8.760	1146	1160	1163	rBV5	162592	476195	14.42%	1.068%
38	8.795	1163	1166	1170	rVV	357139	557740	16.89%	1.251%
39	8.836	1171	1173	1175	rVV2	171390	192194	5.82%	0.431%
40	8.866	1175	1178	1179	rVV	92202	95719	2.90%	0.215%
41	8.942	1183	1191	1194	rBV	853850	908183	27.50%	2.037%
42	8.983	1194	1198	1206	rVB	933829	1066316	32.28%	2.392%
43	9.054	1206	1210	1211	rBV2	76264	88714	2.69%	0.199%
44	9.072	1211	1213	1221	rVB	130185	158058	4.79%	0.355%
45	9.142	1221	1225	1229	rBV	62933	70969	2.15%	0.159%
46	9.184	1229	1232	1235	rBV2	114460	142148	4.30%	0.319%
47	9.219	1235	1238	1245	rVB	631550	715721	21.67%	1.606%
48	9.319	1250	1255	1257	rBV	1176228	1432220	43.36%	3.213%
49	9.407	1265	1270	1277	rVB2	161155	232864	7.05%	0.522%
50	9.472	1277	1281	1291	rVB5	137138	272031	8.24%	0.610%
51	9.566	1291	1297	1302	rBV	101866	129175	3.91%	0.290%
52	9.689	1313	1318	1320	rBV2	72616	95605	2.89%	0.214%
53	9.719	1320	1323	1331	rVV2	684887	1200513	36.35%	2.693%
54	9.801	1334	1337	1338	rVV	192877	215030	6.51%	0.482%
55	9.819	1338	1340	1346	rVB	265607	304876	9.23%	0.684%
56	9.919	1353	1357	1362	rBV	119866	142402	4.31%	0.319%
57	10.013	1368	1373	1376	rVB2	35176	44788	1.36%	0.100%
58	10.072	1377	1383	1386	rBV5	40823	68384	2.07%	0.153%
59	10.195	1398	1404	1409	rBV2	195540	258507	7.83%	0.580%
60	10.372	1431	1434	1440	rBV	182976	214416	6.49%	0.481%
61	10.501	1452	1456	1461	rVB	162158	201892	6.11%	0.453%
62	10.554	1461	1465	1469	rBV3	76918	109837	3.33%	0.246%
63	10.660	1480	1483	1486	rBV	115217	124352	3.76%	0.279%
64	10.689	1486	1488	1492	rVB	88414	84347	2.55%	0.189%
65	10.801	1501	1507	1511	rVB4	74389	125725	3.81%	0.282%
66	10.883	1514	1521	1525	rBV	268457	375741	11.38%	0.843%
67	10.930	1525	1529	1531	rVV2	82579	104187	3.15%	0.234%
68	10.960	1531	1534	1540	rVB3	71191	99285	3.01%	0.223%
69	11.030	1540	1546	1550	rBV	443872	562010	17.02%	1.261%
70	11.066	1550	1552	1558	rVB2	113009	151700	4.59%	0.340%
71	11.295	1583	1591	1595	rBV5	58935	141700	4.29%	0.318%

LSC Area Percent Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.377	1601	1605	1609	rBV2	73207	86016	2.60%	0.193%
73	11.448	1609	1617	1620	rVV8	27911	66690	2.02%	0.150%
74	11.495	1620	1625	1634	rVB	2731358	3302993	100.00%	7.410%
75	11.625	1642	1647	1656	rBV7	23233	54462	1.65%	0.122%
76	11.725	1657	1664	1670	rVV7	32316	88445	2.68%	0.198%
77	11.783	1670	1674	1683	rVV3	89309	200511	6.07%	0.450%
78	11.854	1684	1686	1692	rVV5	33764	43195	1.31%	0.097%
79	11.919	1692	1697	1698	rVV2	59758	94351	2.86%	0.212%
80	11.936	1698	1700	1707	rVV2	69124	129592	3.92%	0.291%
81	12.024	1711	1715	1719	rVV2	94627	160518	4.86%	0.360%
82	12.066	1719	1722	1725	rVV	55176	88724	2.69%	0.199%
83	12.101	1725	1728	1737	rVV6	60930	121801	3.69%	0.273%
84	12.189	1737	1743	1754	rVB3	101214	208342	6.31%	0.467%
85	12.336	1765	1768	1776	rVB3	38105	66842	2.02%	0.150%
86	12.419	1778	1782	1786	rBV3	45345	77067	2.33%	0.173%
87	12.460	1786	1789	1795	rVB4	38911	65848	1.99%	0.148%
88	12.548	1799	1804	1810	rBV2	652222	880380	26.65%	1.975%
89	12.854	1852	1856	1859	rBV5	24986	43611	1.32%	0.098%
90	12.895	1859	1863	1876	rVB5	58000	138676	4.20%	0.311%
91	13.124	1899	1902	1910	rBV	55386	97789	2.96%	0.219%
92	13.307	1929	1933	1941	rBV3	44541	95772	2.90%	0.215%
93	13.848	2019	2025	2037	rBV	1203624	1665899	50.44%	3.737%
94	14.024	2051	2055	2061	rVB2	24281	41083	1.24%	0.092%
95	14.948	2208	2212	2219	rBV2	631766	824776	24.97%	1.850%
96	15.924	2374	2378	2383	rBV2	159605	218086	6.60%	0.489%
97	17.012	2559	2563	2575	rVB	156154	210565	6.37%	0.472%
98	17.277	2603	2608	2613	rBV	2256697	2608857	78.98%	5.853%
99	18.624	2833	2837	2845	rBV	440516	552117	16.72%	1.239%
100	20.295	3117	3121	3132	rBV	343133	491180	14.87%	1.102%

Sum of corrected areas: 44576257

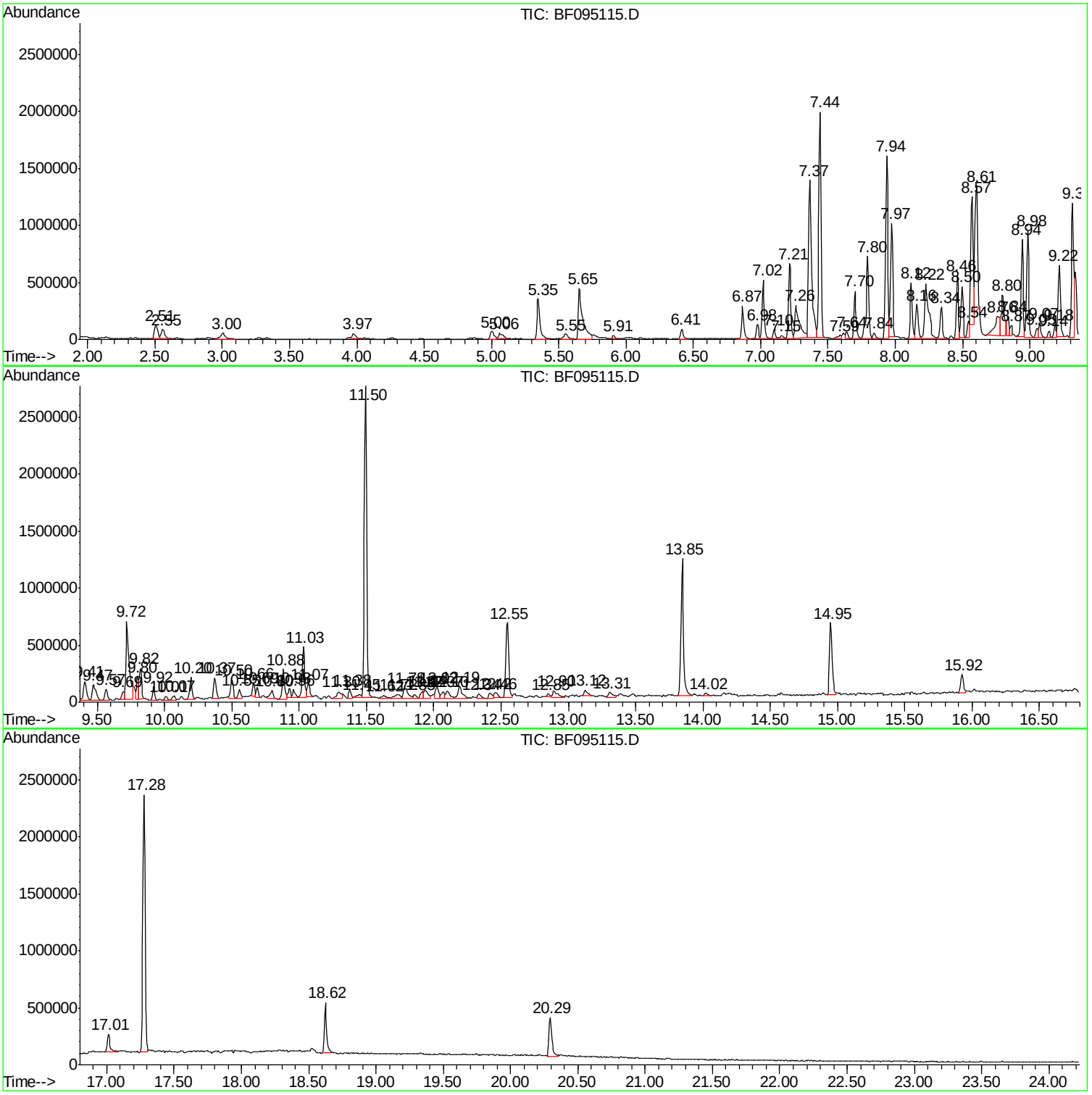
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095115.D
Acq On : 12 May 2017 16:53
Operator : SJ/MA
Sample : I3098-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BF095115.D
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Sample : I3098-03
Misc :
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Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

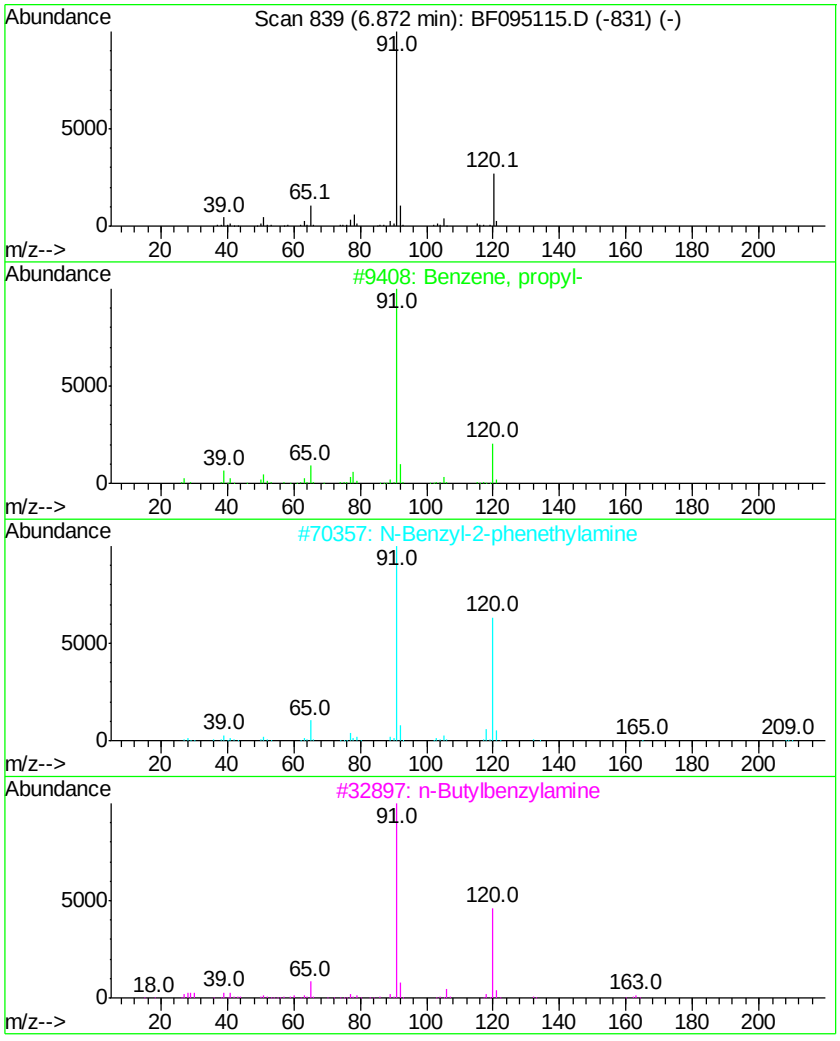
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

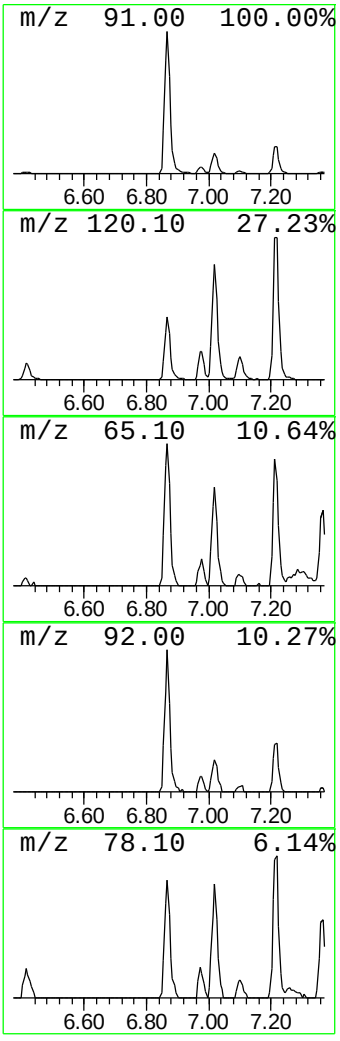
****

Peak Number 2 Benzene, propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	14.72 ng	367718	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
3	n-Butylbenzylamine	163	C11H17N	002403-22-7	64
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095115.D
Acq On : 12 May 2017 16:53
Operator : SJ/MA
Sample : I3098-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

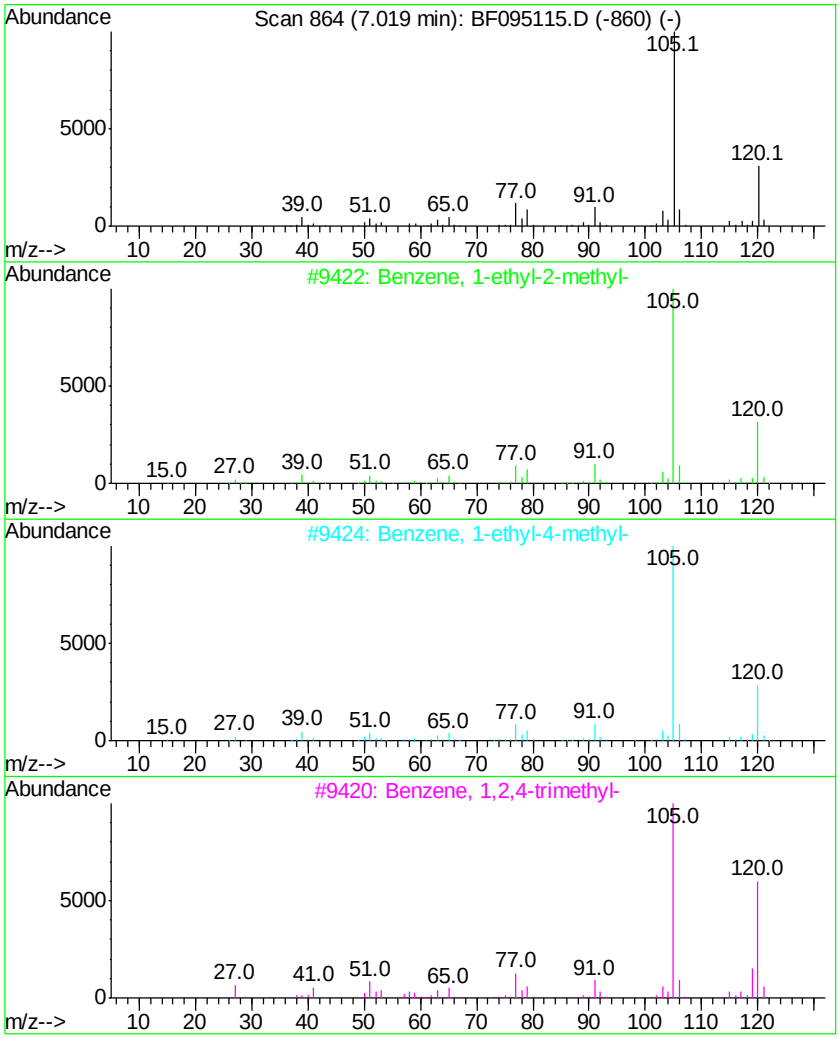
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

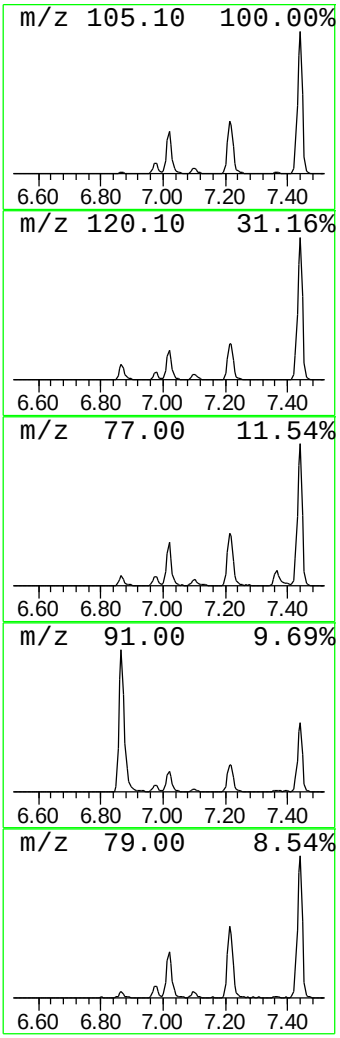
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	25.06 ng	625987	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-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
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Operator : SJ/MA
Sample : I3098-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

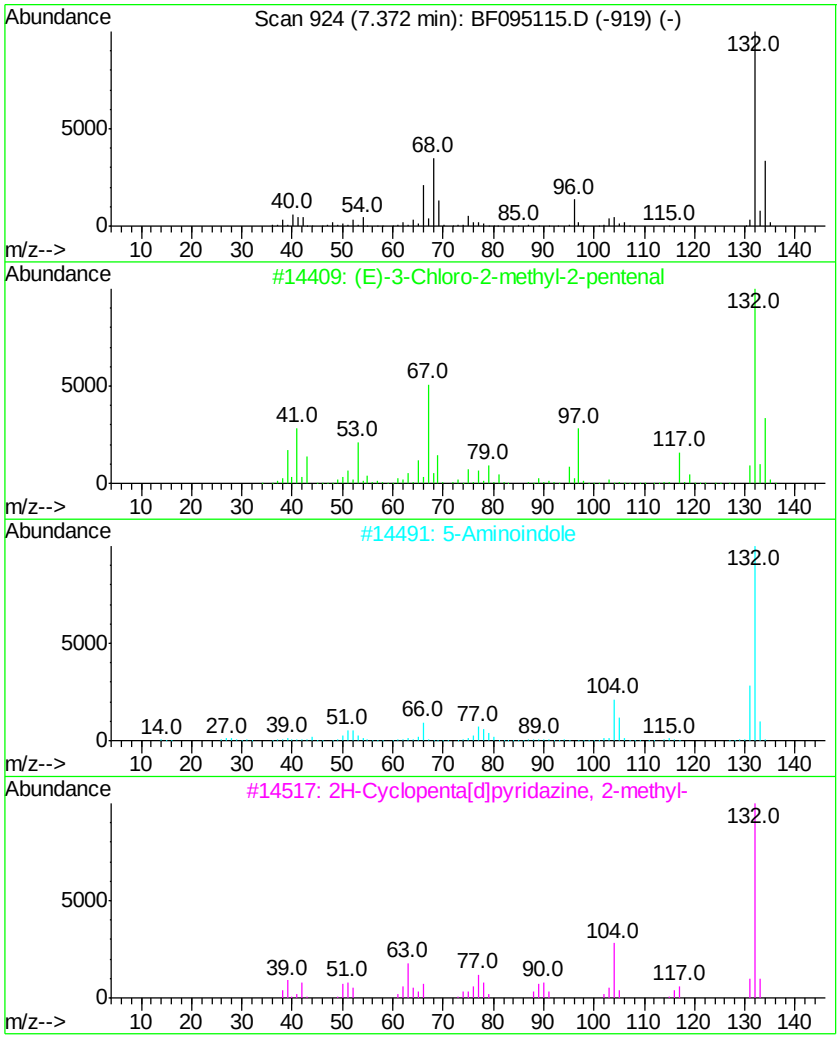
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

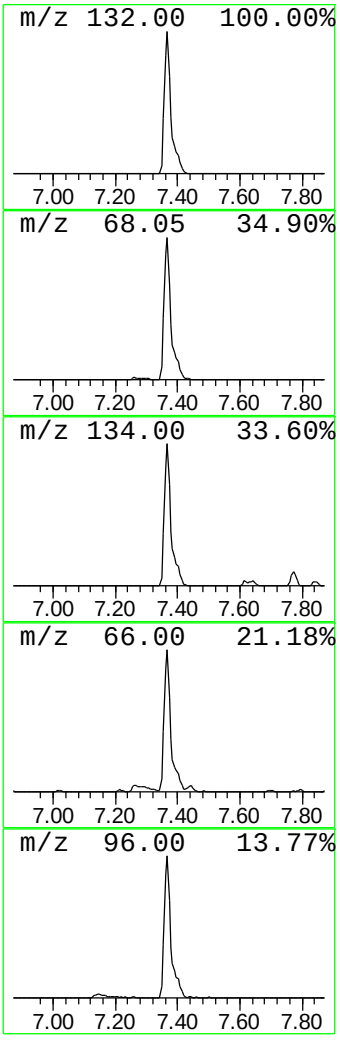
****

Peak Number 4 unknown7.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	84.32 ng	2106330	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

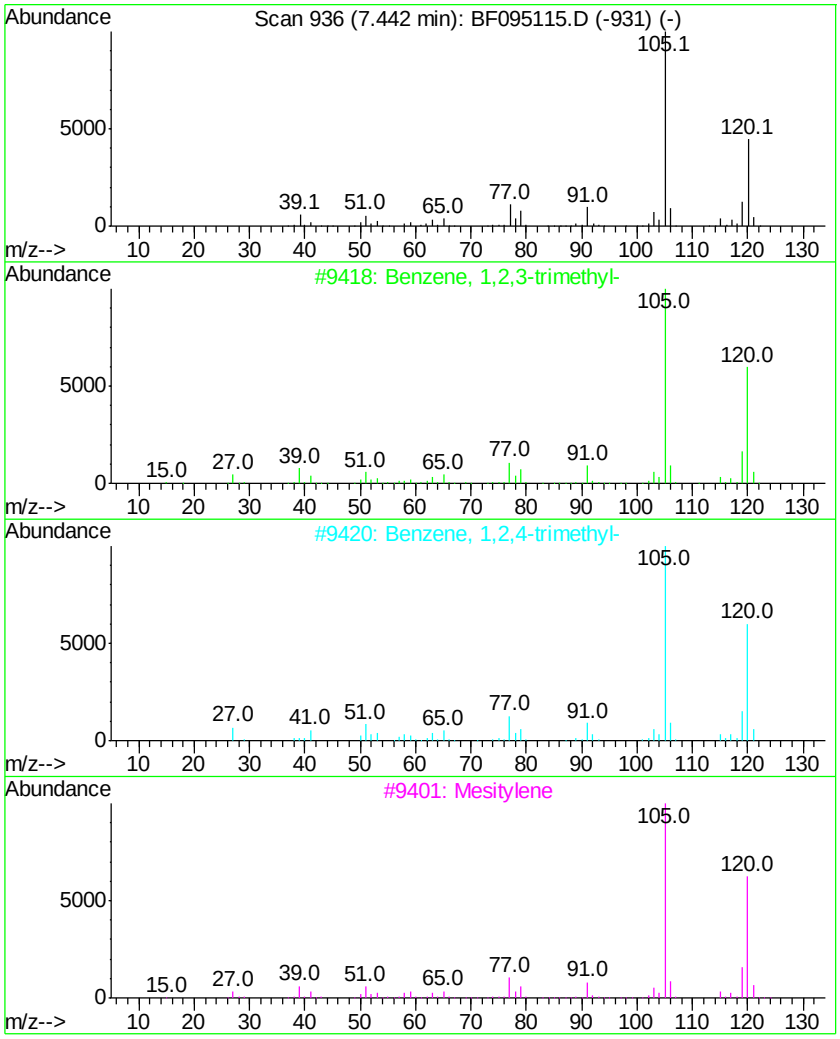
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

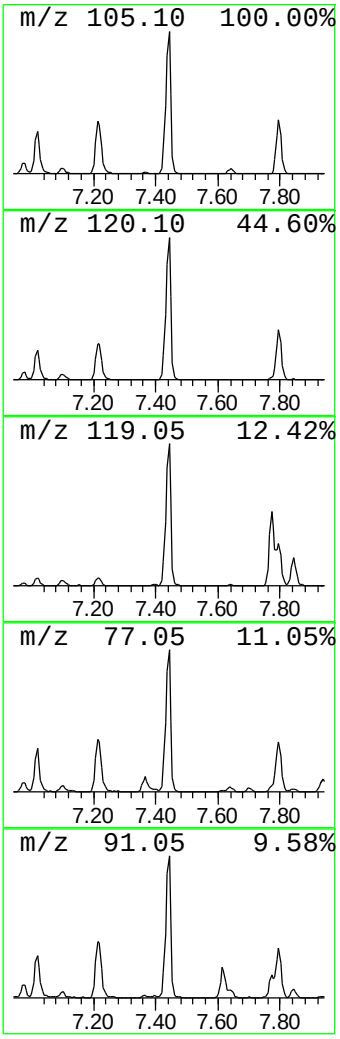
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	91.26 ng	2279710	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

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Data File : BF095115.D
Acq On : 12 May 2017 16:53
Operator : SJ/MA
Sample : I3098-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

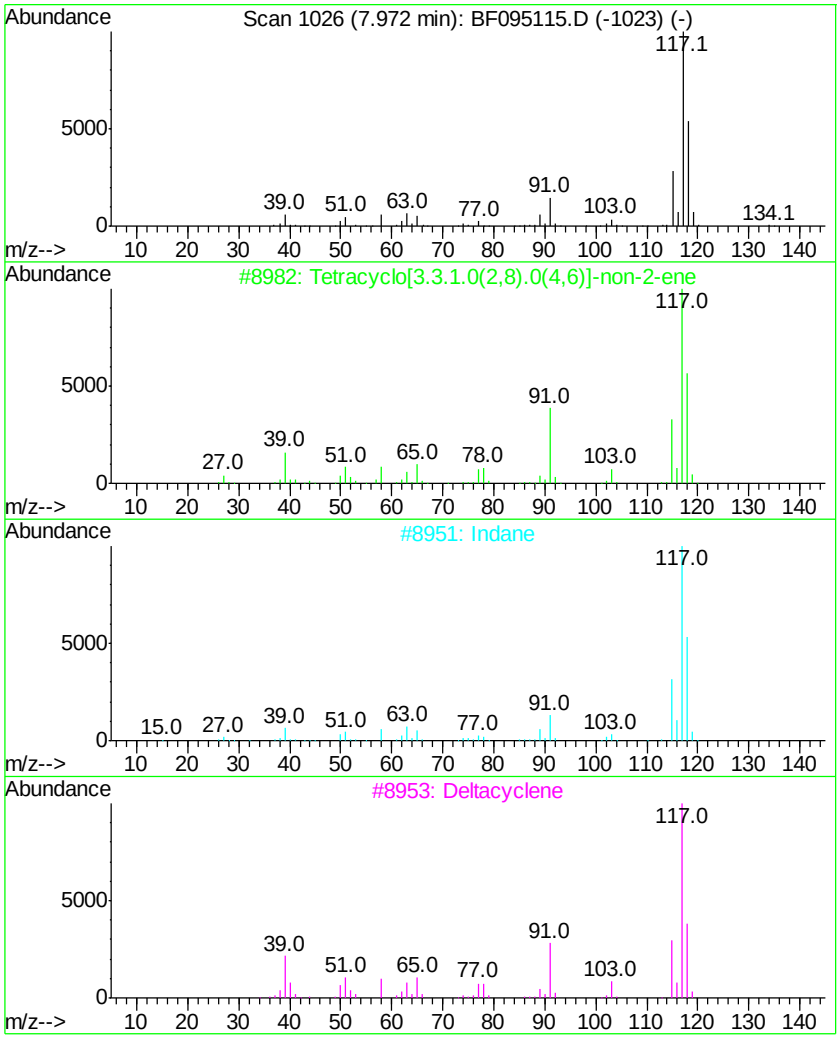
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

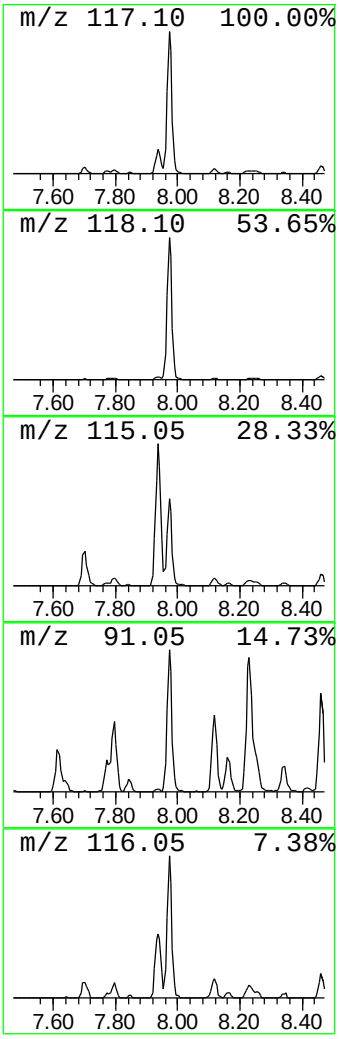
****

Peak Number 8 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	43.61 ng	1089380	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	87
2	Indane	118	C9H10	000496-11-7	87
3	Deltacyclene	118	C9H10	007785-10-6	80
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095115.D
Acq On : 12 May 2017 16:53
Operator : SJ/MA
Sample : I3098-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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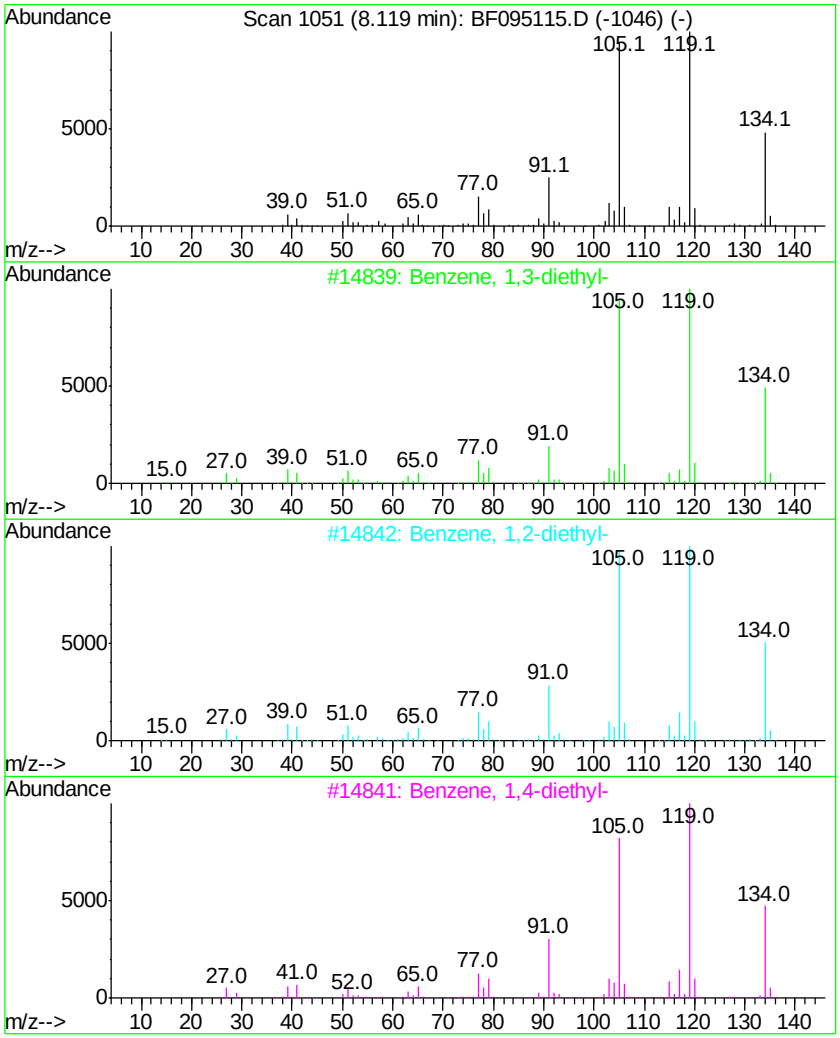
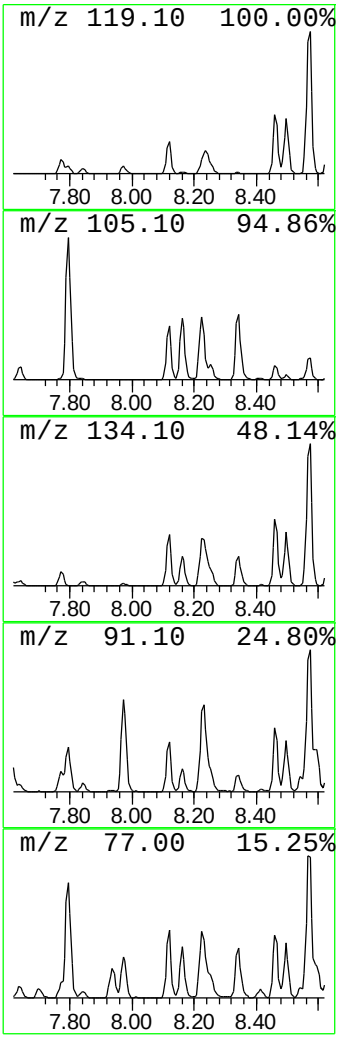
Peak Number 9 Benzene, 1,3-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	21.63 ng	540401	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87





Library Search Compound Report

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Data File : BF095115.D
Acq On : 12 May 2017 16:53
Operator : SJ/MA
Sample : I3098-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

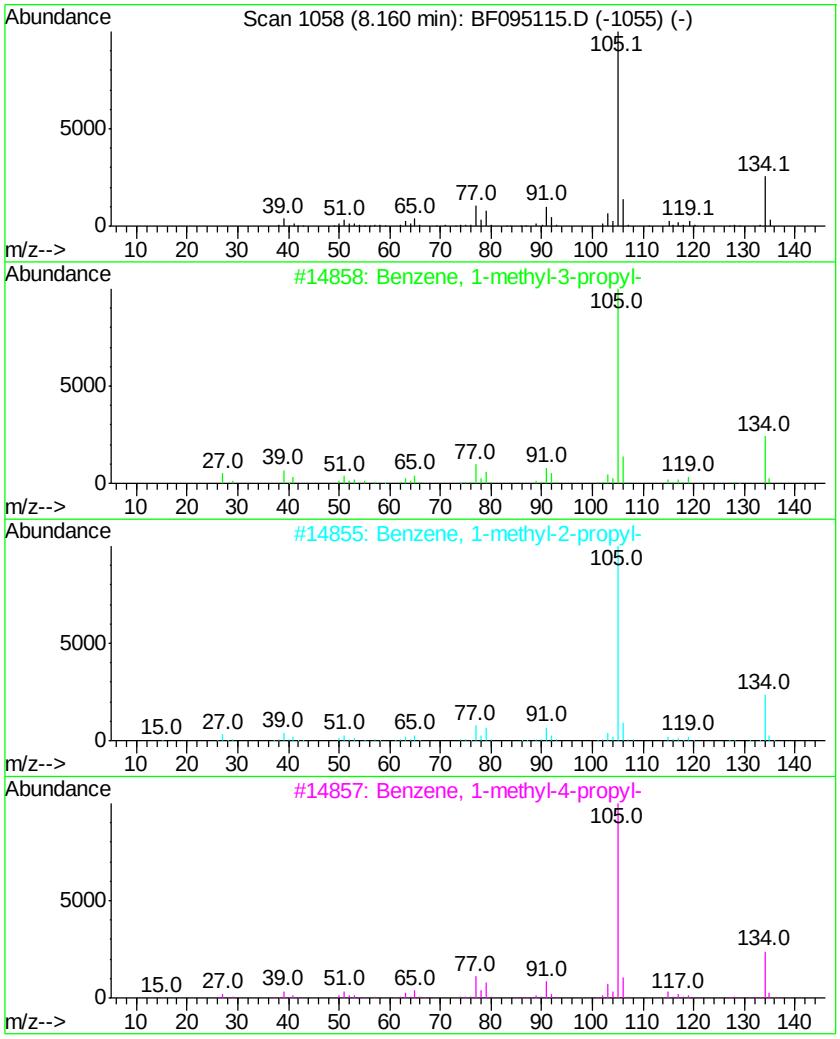
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

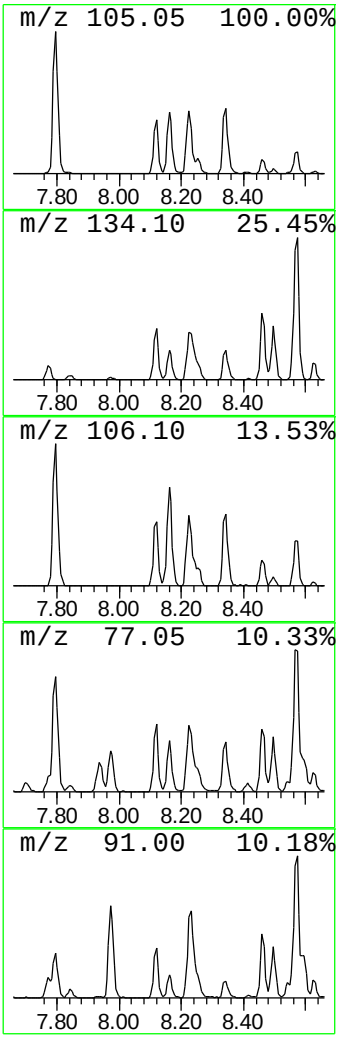
****

Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	13.97 ng	348867	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	74





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Data File : BF095115.D
Acq On : 12 May 2017 16:53
Operator : SJ/MA
Sample : I3098-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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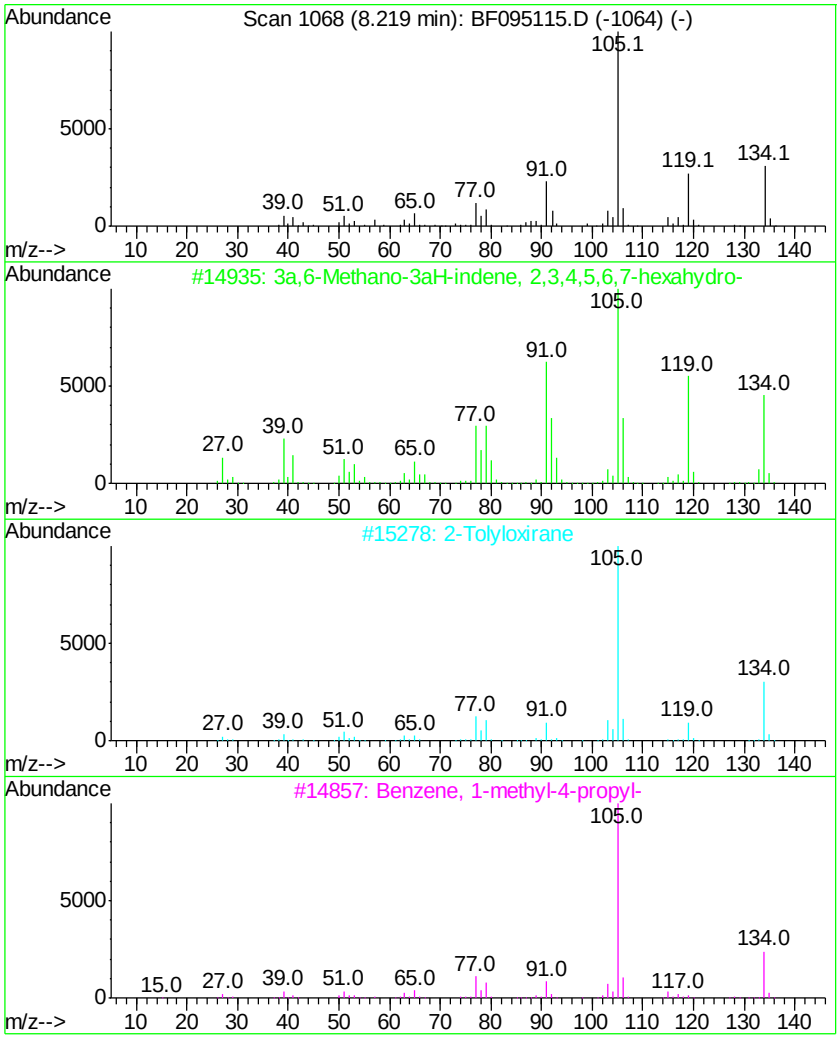
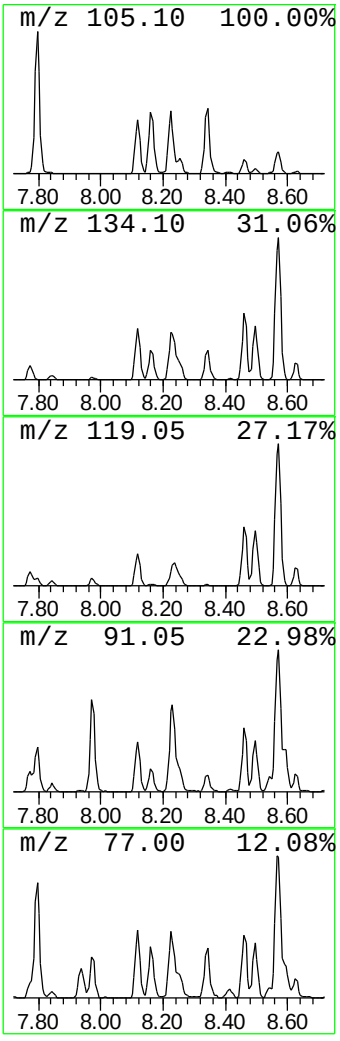
Peak Number 11 3a,6-Methano-3aH-indene, 2,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	41.38 ng	1033740	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a,6-Methano-3aH-indene, 2,3,4,5...	134	C10H14	098640-10-9	72
2	2-Tolyloxirane	134	C9H10O	002783-26-8	68
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	62
4	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	58
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	53





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Data File : BF095115.D
Acq On : 12 May 2017 16:53
Operator : SJ/MA
Sample : I3098-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

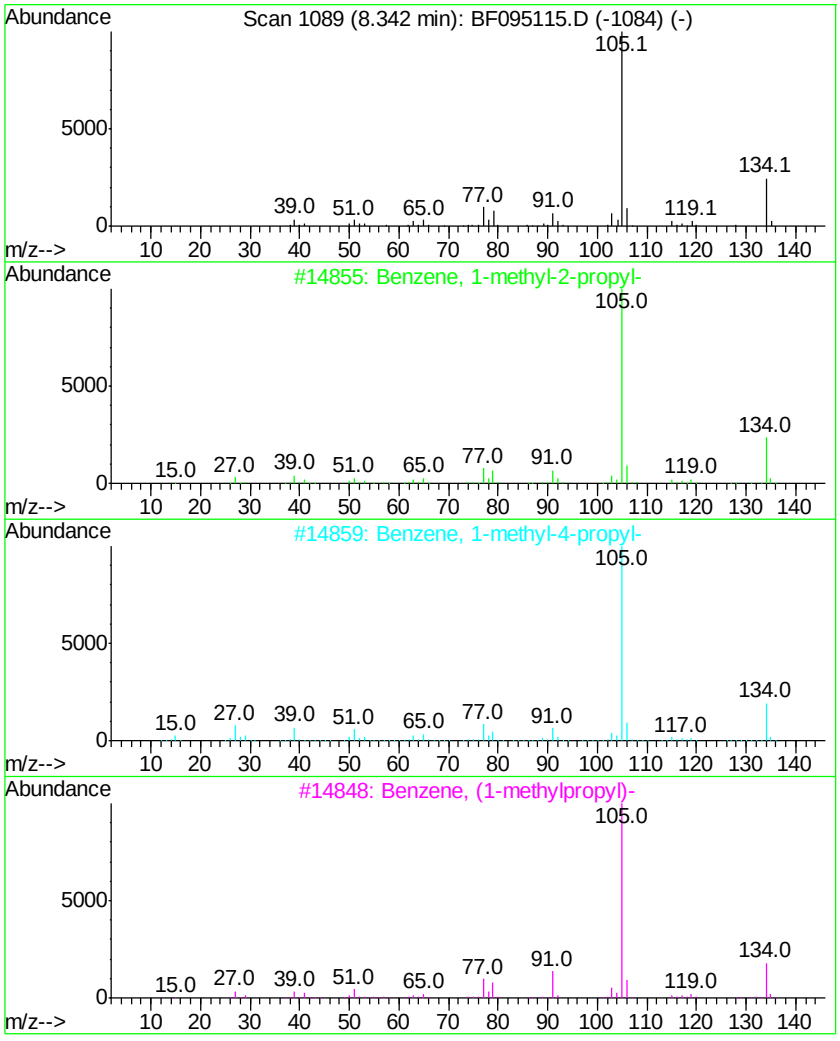
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

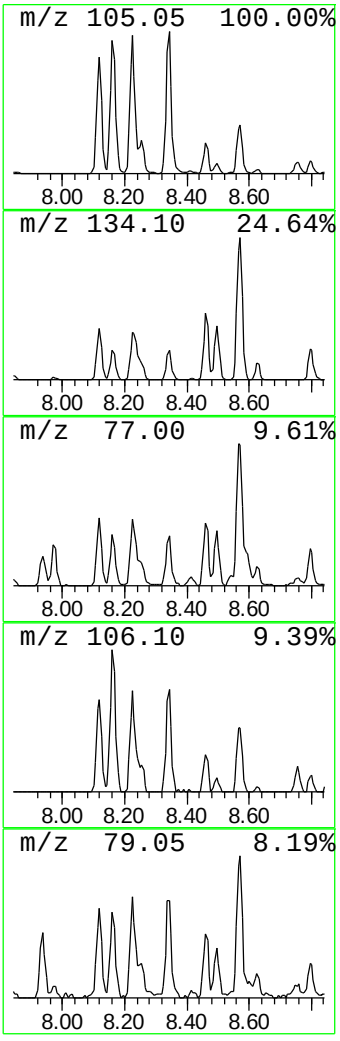
****

Peak Number 12 Benzene, 1-methyl-2-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	13.03 ng	325384	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095115.D
Acq On : 12 May 2017 16:53
Operator : SJ/MA
Sample : I3098-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

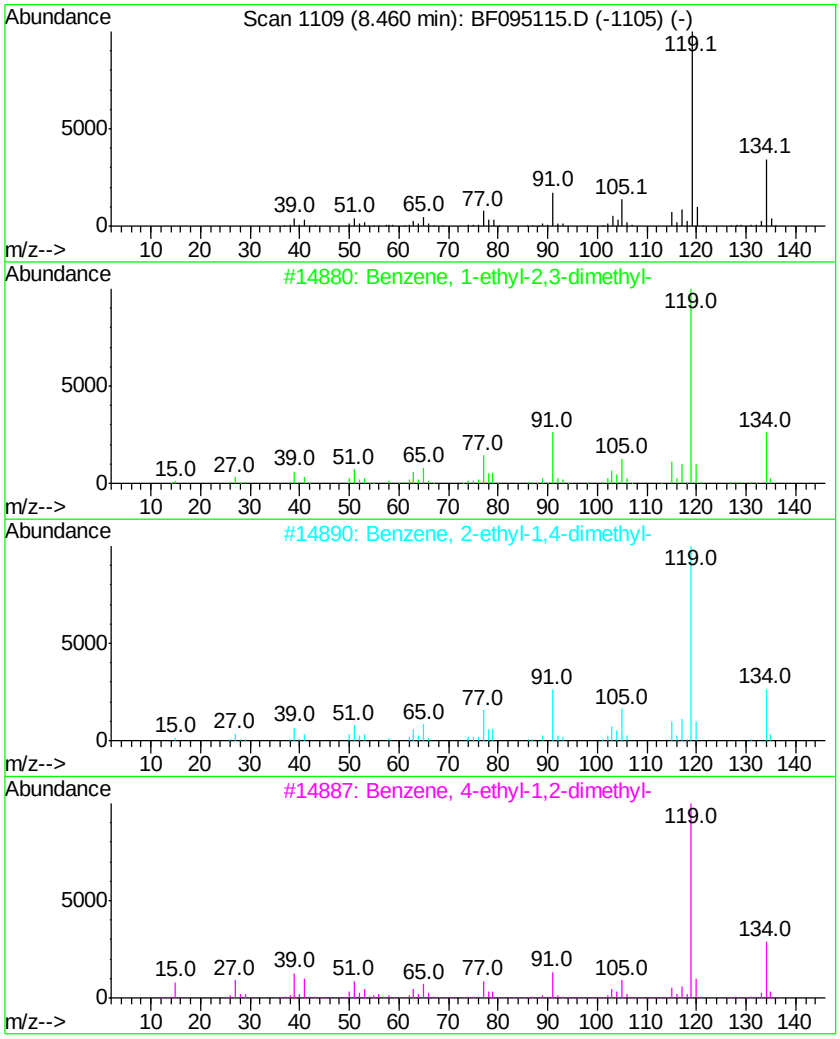
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

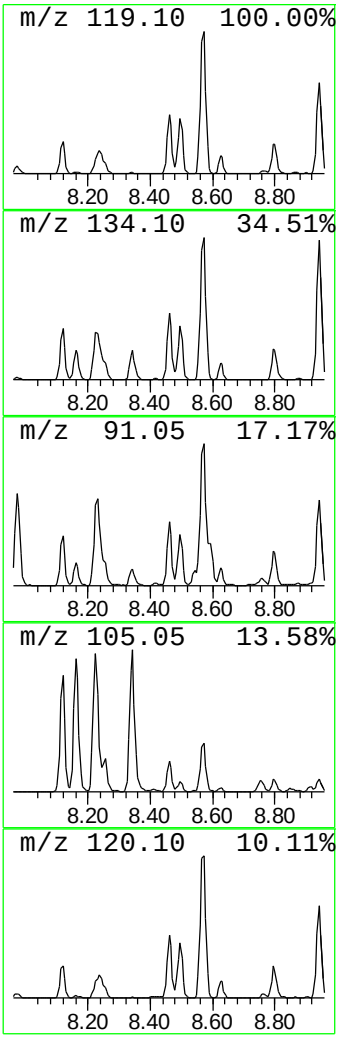
****

Peak Number 13 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	23.81 ng	594735	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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095115.D
Acq On : 12 May 2017 16:53
Operator : SJ/MA
Sample : I3098-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

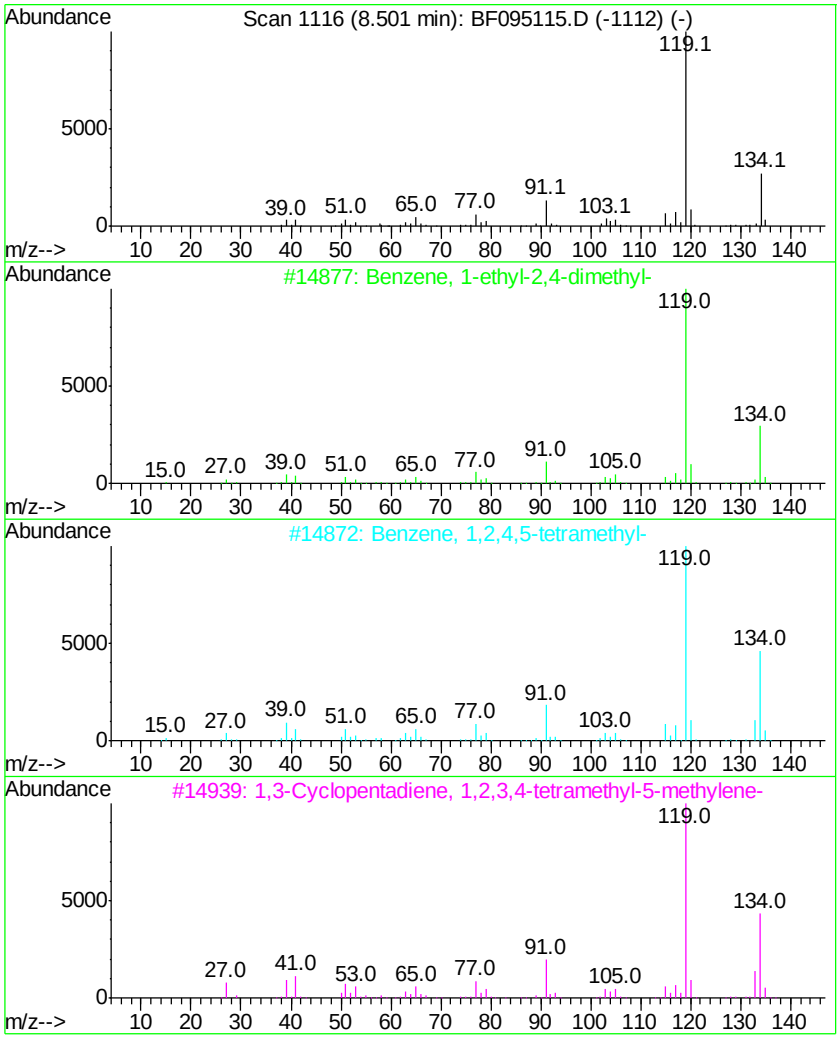
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

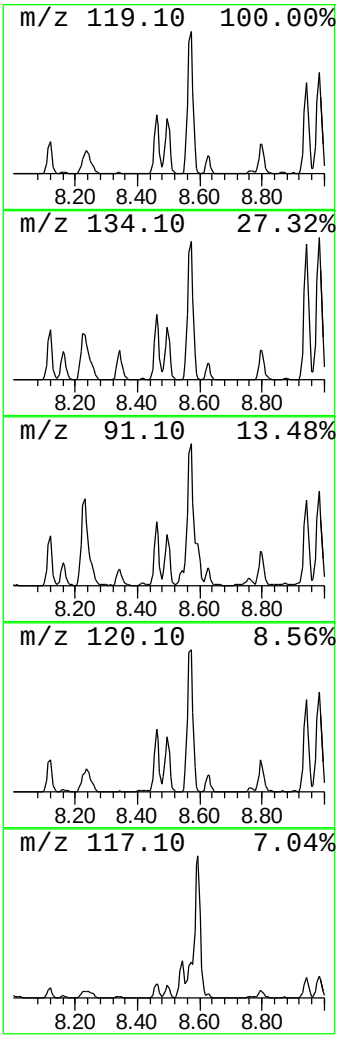
****

Peak Number 14 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	18.91 ng	472331	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095115.D
Acq On : 12 May 2017 16:53
Operator : SJ/MA
Sample : I3098-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

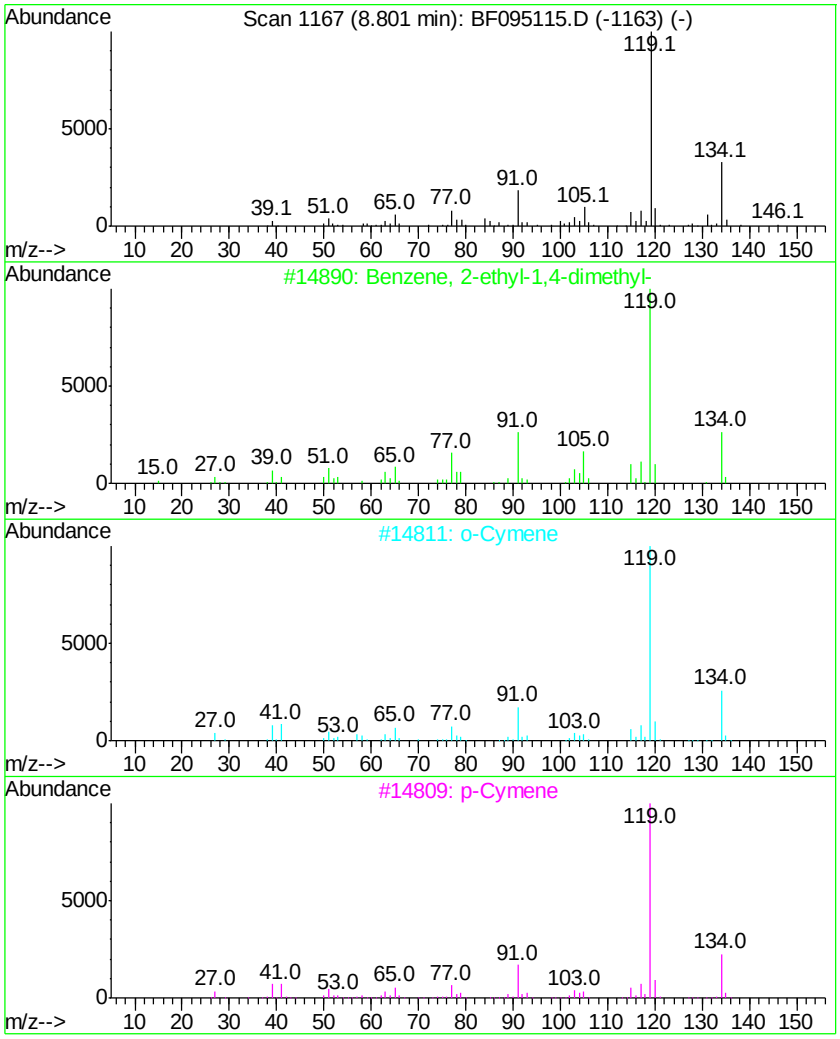
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

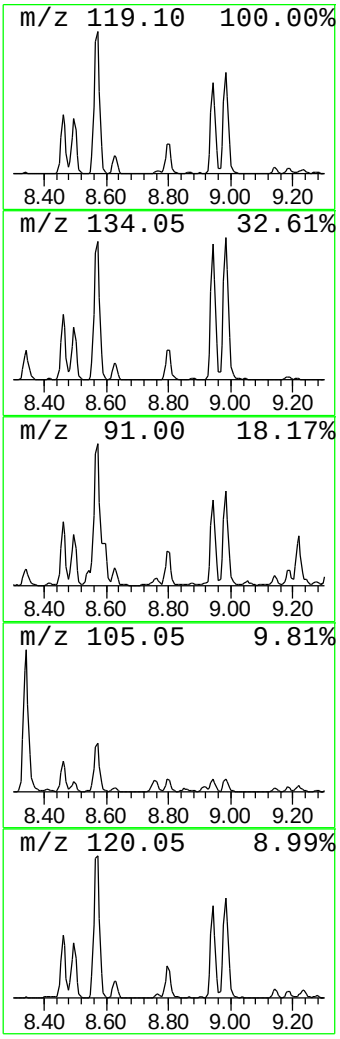
****

Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	9.29 ng	557740	Naphthalene-d8	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





Library Search Compound Report

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Data File : BF095115.D
Acq On : 12 May 2017 16:53
Operator : SJ/MA
Sample : I3098-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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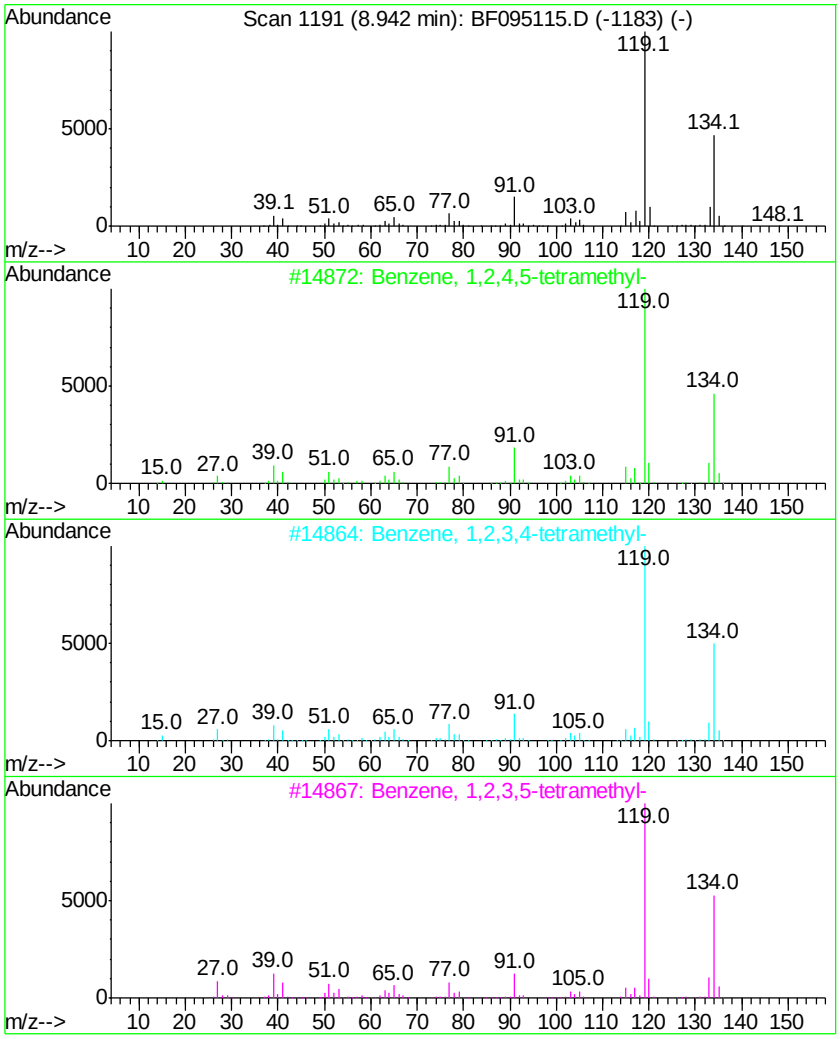
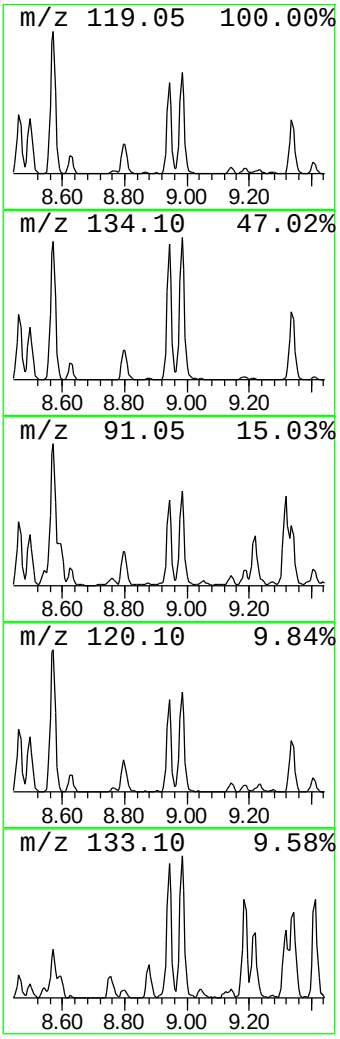
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	15.13 ng	908183	Naphthalene-d8	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





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Sample : I3098-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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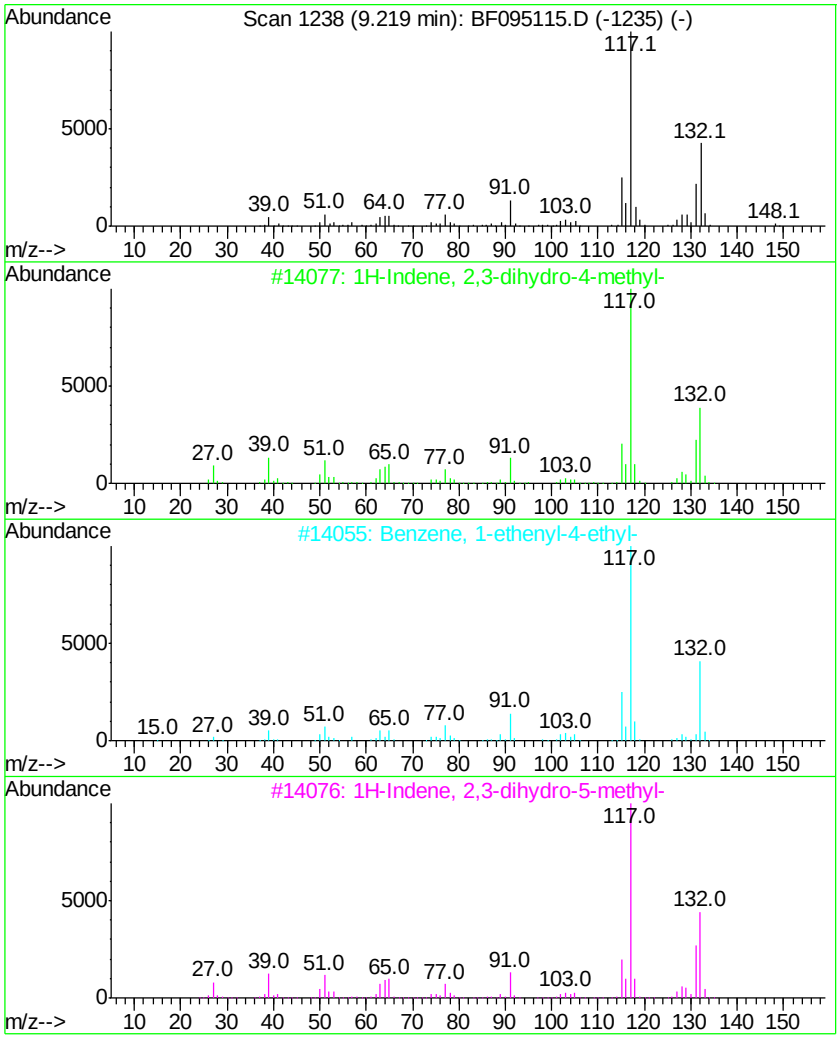
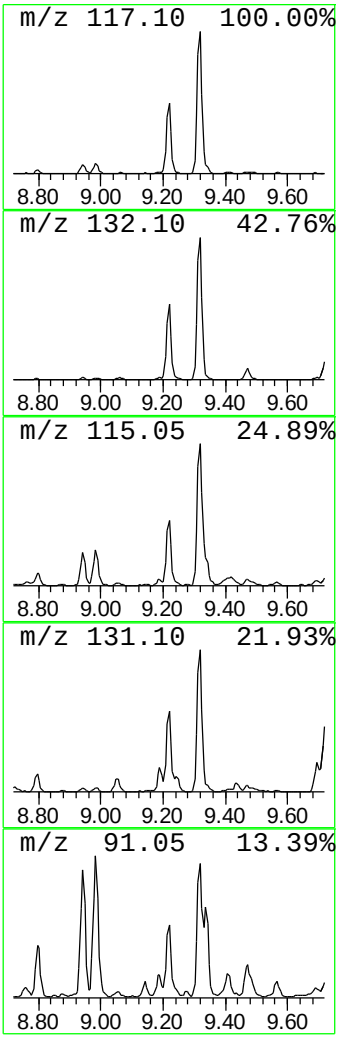
Peak Number 18 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	11.92 ng	715721	Naphthalene-d8	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





Library Search Compound Report

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Data File : BF095115.D
Acq On : 12 May 2017 16:53
Operator : SJ/MA
Sample : I3098-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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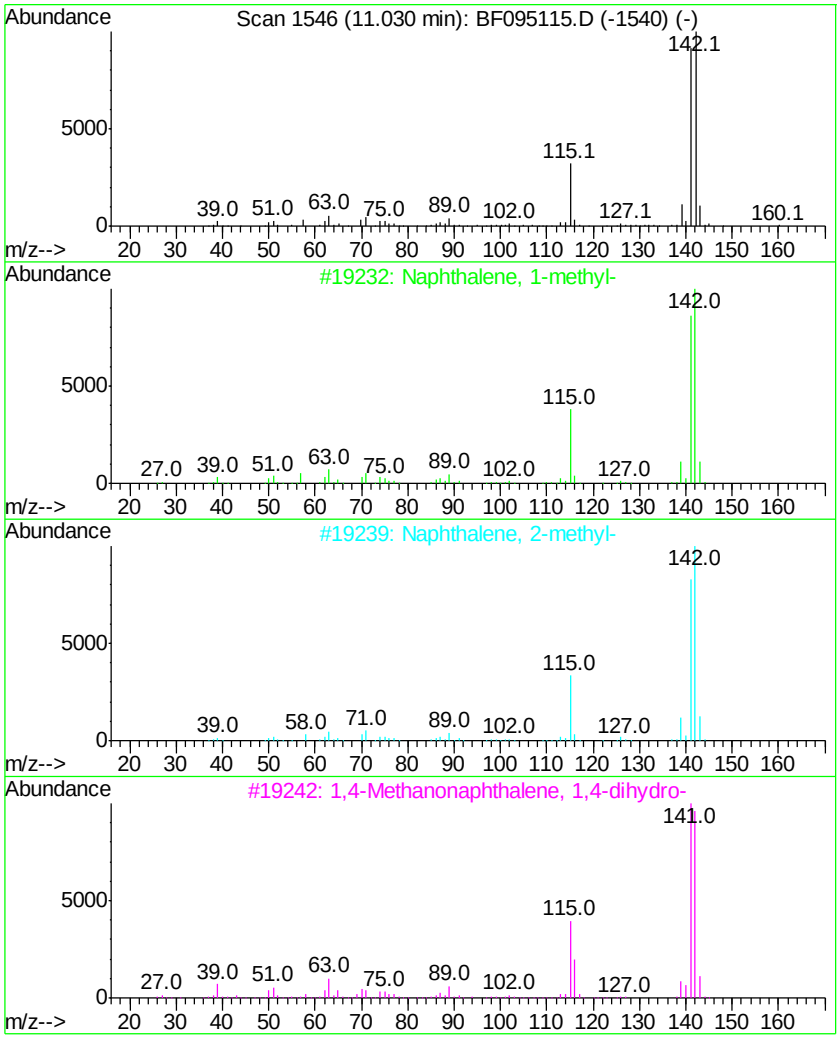
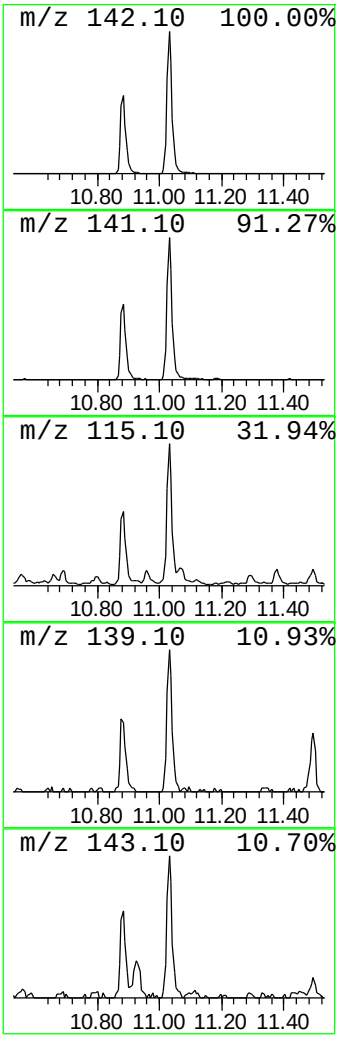
Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	9.36 ng	562010	Naphthalene-d8	9.72

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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051217\
Data File : BF095115.D
Acq On : 12 May 2017 16:53
Operator : SJ/MA
Sample : I3098-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, propyl-	6.87	14.7	ng	367718	1	7.70	499618	20.0
Benzene, 1-ethyl-...	7.02	25.1	ng	625987	1	7.70	499618	20.0
unknown7.37	7.37	84.3	ng	2106330	1	7.70	499618	20.0
Benzene, 1,2,3-tr...	7.44	91.3	ng	2279710	1	7.70	499618	20.0
Tetracyclo[3.3.1....	7.97	43.6	ng	1089380	1	7.70	499618	20.0
Benzene, 1,3-diet...	8.12	21.6	ng	540401	1	7.70	499618	20.0
Benzene, 1-methyl...	8.16	14.0	ng	348867	1	7.70	499618	20.0
3a,6-Methano-3aH-...	8.22	41.4	ng	1033740	1	7.70	499618	20.0
Benzene, 1-methyl...	8.34	13.0	ng	325384	1	7.70	499618	20.0
Benzene, 1-ethyl-...	8.46	23.8	ng	594735	1	7.70	499618	20.0
Benzene, 1-ethyl-...	8.50	18.9	ng	472331	1	7.70	499618	20.0
Benzene, 2-ethyl-...	8.80	9.3	ng	557740	2	9.72	1200510	20.0
Benzene, 1,2,4,5-...	8.94	15.1	ng	908183	2	9.72	1200510	20.0
1H-Indene, 2,3-di...	9.22	11.9	ng	715721	2	9.72	1200510	20.0
Naphthalene, 1-me...	11.03	9.4	ng	562010	2	9.72	1200510	20.0