LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF117002.D
Acq On : 12 Sep 2019 19:50
Operator : HP/JU
Sample : K4850-04 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC-7-(8)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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	5.439	567	570	581	rVB	573008	549373	14.58%	0.750%
2	5.663	603	608	624	rBV	1475533	2184051	57.97%	2.982%
3	6.451	739	742	748	rVB	586687	563936	14.97%	0.770%
4	6.539	754	757	763	rVB	380216	433555	11.51%	0.592%
5	6.592	763	766	772	rVB	753040	625810	16.61%	0.854%
6	6.669	772	779	783	rBV	2845310	3767363	100.00%	5.144%
7	6.704	783	785	794	rVB	1644226	1821114	48.34%	2.486%
8	6.828	803	806	810	rVB	525408	440694	11.70%	0.602%
9	6.981	829	832	835	rBV	511085	402567	10.69%	0.550%
10	7.092	846	851	859	rBV	2660284	3068557	81.45%	4.189%
11	7.333	887	892	895	rBV	554662	467587	12.41%	0.638%
12	7.380	895	900	902	rBV2	411268	446799	11.86%	0.610%
13	7.404	902	904	907	rVB	437085	342656	9.10%	0.468%
14	7.445	907	911	916	rBV	1209968	1676717	44.51%	2.289%
15	7.486	916	918	928	rVB	1043445	1062180	28.19%	1.450%
16	7.586	931	935	939	rBV2	120012	186656	4.95%	0.255%
17	7.628	939	942	945	rBV	216961	204874	5.44%	0.280%
18	7.669	945	949	950	rBV	1162899	1276437	33.88%	1.743%
19	7.686	950	952	956	rVB	2771731	2254635	59.85%	3.078%
20	7.863	977	982	985	rBV	1093751	1278448	33.93%	1.745%
21	7.910	985	990	993	rVV	2711202	2868732	76.15%	3.917%
22	7.980	998	1002	1006	rVB2	305013	333891	8.86%	0.456%
23	8.104	1020	1023	1025	rVV	692864	628680	16.69%	0.858%
24	8.127	1025	1027	1030	rVV	1508010	1123372	29.82%	1.534%
25	8.222	1040	1043	1046	rBV	228273	185286	4.92%	0.253%
26	8.327	1055	1061	1064	rBV	3116193	2939514	78.03%	4.013%
27	8.386	1067	1071	1077	rBV	3275881	2905015	77.11%	3.966%
28	8.563	1098	1101	1103	rVV	272281	263325	6.99%	0.360%
29	8.610	1107	1109	1114	rVB2	295299	316667	8.41%	0.432%
30	8.675	1114	1120	1122	rBV4	218928	271971	7.22%	0.371%
31	8.816	1139	1144	1151	rVB2	2274081	2394312	63.55%	3.269%
32	8.874	1151	1154	1158	rBV	1096290	1030087	27.34%	1.406%
33	8.916	1158	1161	1164	rVB	1114848	874461	23.21%	1.194%
34	8.986	1170	1173	1175	rBV	583077	525291	13.94%	0.717%

LSC Area Percent Report

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Acq On : 12 Sep 2019 19:50
Operator : HP/JU
Sample : K4850-04 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC-7-(8)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.010	1175	1177	1181	rVB	357113	297678	7.90%	0.406%
36	9.098	1189	1192	1196	rVB	1198349	975145	25.88%	1.331%
37	9.151	1196	1201	1203	rBV2	298674	334556	8.88%	0.457%
38	9.174	1203	1205	1211	rVB2	823076	818564	21.73%	1.118%
39	9.233	1211	1215	1217	rBV	367262	357907	9.50%	0.489%
40	9.310	1224	1228	1231	rBV	2596846	2696634	71.58%	3.682%
41	9.339	1231	1233	1237	rVB	370848	298898	7.93%	0.408%
42	9.392	1237	1242	1244	rVB2	151833	181159	4.81%	0.247%
43	9.439	1248	1250	1254	rVB	189144	220730	5.86%	0.301%
44	9.474	1254	1256	1259	rVB	454815	353984	9.40%	0.483%
45	9.516	1259	1263	1266	rBV2	505178	608891	16.16%	0.831%
46	9.580	1269	1274	1278	rVB3	896664	926959	24.60%	1.266%
47	9.633	1278	1283	1285	rBV3	203614	250540	6.65%	0.342%
48	9.657	1285	1287	1294	rVB3	326975	415747	11.04%	0.568%
49	9.716	1294	1297	1304	rVB	636452	619003	16.43%	0.845%
50	9.804	1308	1312	1314	rBV	1712341	1498402	39.77%	2.046%
51	9.827	1314	1316	1319	rVV2	638553	662323	17.58%	0.904%
52	9.857	1319	1321	1324	rVB	649369	536121	14.23%	0.732%
53	9.892	1324	1327	1330	rBV	792428	654223	17.37%	0.893%
54	10.021	1344	1349	1353	rBV3	399372	549252	14.58%	0.750%
55	10.057	1353	1355	1358	rVV	186359	183440	4.87%	0.250%
56	10.163	1370	1373	1376	rBV2	155955	193642	5.14%	0.264%
57	10.198	1377	1379	1382	rVV	231705	204812	5.44%	0.280%
58	10.404	1411	1414	1418	rVB	487743	438939	11.65%	0.599%
59	10.563	1437	1441	1443	rBV4	102098	154949	4.11%	0.212%
60	10.639	1449	1454	1458	rBV2	482247	455460	12.09%	0.622%
61	10.868	1491	1493	1499	rVB	573674	464105	12.32%	0.634%
62	10.951	1503	1507	1509	rBV2	138820	179774	4.77%	0.245%
63	11.145	1537	1540	1545	rVB2	168647	176669	4.69%	0.241%
64	11.233	1552	1555	1560	rVB	193642	177884	4.72%	0.243%
65	11.339	1569	1573	1575	rBV	628349	628080	16.67%	0.858%
66	11.368	1575	1578	1583	rVV	1903387	1742847	46.26%	2.380%
67	11.416	1583	1586	1588	rVB	256209	217071	5.76%	0.296%
68	11.839	1655	1658	1661	rBV	609643	640674	17.01%	0.875%
69	11.868	1661	1663	1666	rVV	789889	662179	17.58%	0.904%
70	11.951	1674	1677	1679	rVV2	703439	708186	18.80%	0.967%
71	11.974	1679	1681	1685	rVB	489854	410975	10.91%	0.561%

LSC Area Percent Report

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Acq On : 12 Sep 2019 19:50
Operator : HP/JU
Sample : K4850-04 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC-7-(8)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.133	1705	1708	1710	rBV2	280924	237766	6.31%	0.325%
73	12.392	1749	1752	1755	rBV	344323	352655	9.36%	0.481%
74	12.480	1764	1767	1774	rVB4	221472	315579	8.38%	0.431%
75	12.557	1776	1780	1782	rVV	1066589	937542	24.89%	1.280%
76	12.786	1815	1819	1824	rVB	1489524	1493786	39.65%	2.039%
77	12.915	1839	1841	1844	rVB	402923	322147	8.55%	0.440%
78	12.998	1852	1855	1862	rVB3	277139	399911	10.62%	0.546%
79	13.086	1867	1870	1871	rBV2	231217	242084	6.43%	0.331%
80	13.174	1883	1885	1888	rVB	202087	153768	4.08%	0.210%
81	13.215	1889	1892	1895	rVB	342928	333393	8.85%	0.455%
82	13.304	1904	1907	1910	rBV	327093	318087	8.44%	0.434%
83	13.333	1910	1912	1916	rVB	297804	280451	7.44%	0.383%
84	13.615	1957	1960	1965	rVB2	243344	307543	8.16%	0.420%
85	13.727	1974	1979	1982	rVV4	199652	377882	10.03%	0.516%
86	13.780	1985	1988	1991	rVV2	153886	178490	4.74%	0.244%
87	13.821	1993	1995	1999	rVB	180771	201231	5.34%	0.275%
88	13.974	2017	2021	2025	rBV2	846810	1403148	37.24%	1.916%
89	14.009	2025	2027	2034	rVB	817355	761872	20.22%	1.040%
90	14.127	2045	2047	2057	rVB4	177448	324733	8.62%	0.443%
91	14.374	2084	2089	2091	rVV	337334	390016	10.35%	0.532%
92	14.404	2091	2094	2097	rVB2	249318	222161	5.90%	0.303%
93	14.498	2107	2110	2112	rBV	192098	179963	4.78%	0.246%
94	14.562	2119	2121	2125	rVB2	167769	169966	4.51%	0.232%
95	15.021	2194	2199	2206	rBV	503122	937461	24.88%	1.280%
96	15.315	2245	2249	2254	rVB	354653	435674	11.56%	0.595%
97	15.374	2255	2259	2264	rVB	353656	448837	11.91%	0.613%
98	15.439	2265	2270	2273	rBV	341142	430532	11.43%	0.588%
99	16.868	2508	2513	2519	rVB	146772	275057	7.30%	0.376%
100	17.303	2582	2587	2595	rVB2	103433	201476	5.35%	0.275%

Sum of corrected areas: 73244226

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
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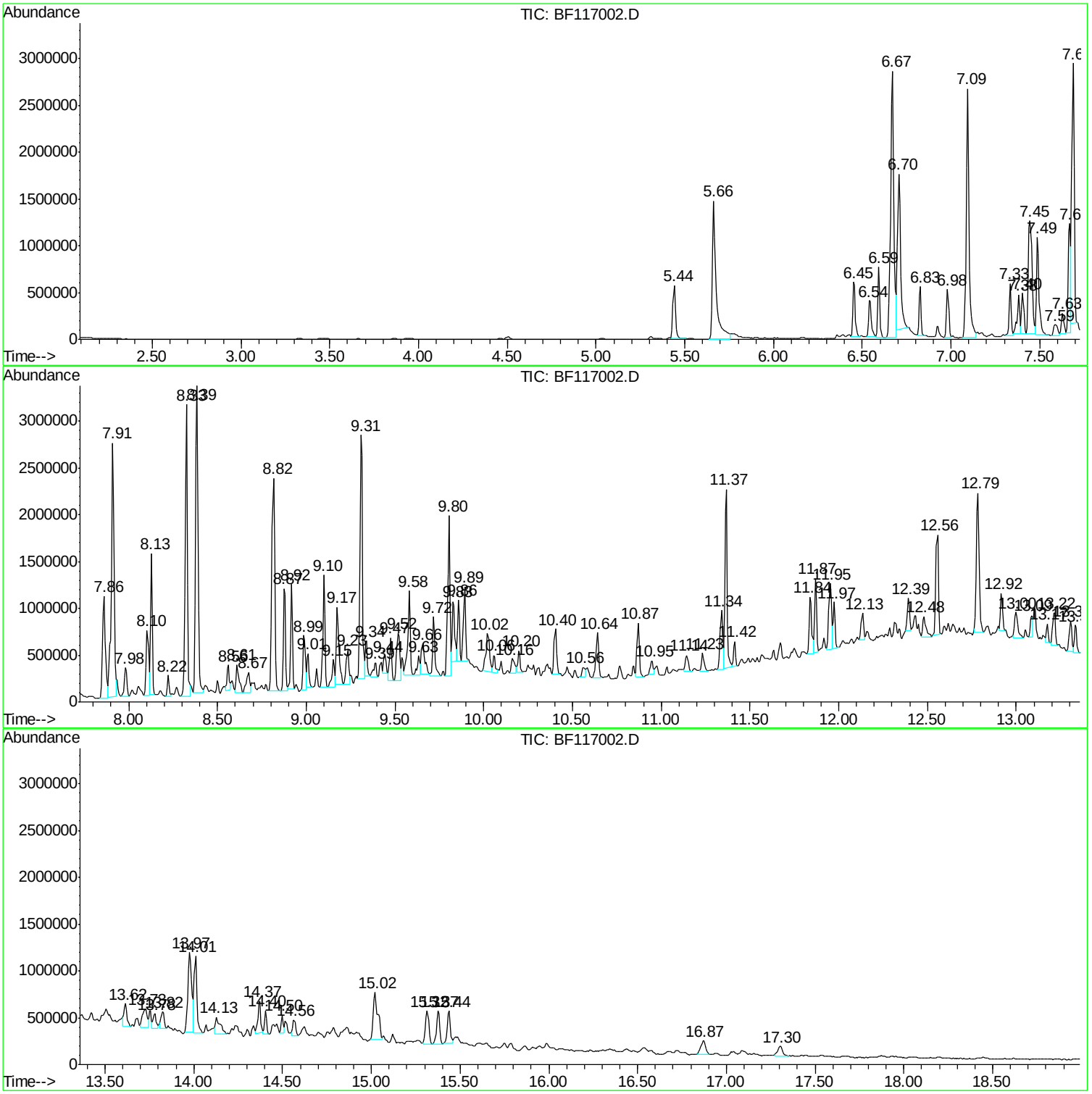
Operator : HP/JU
Sample : K4850-04 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC-7-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF117002.D
Acq On : 12 Sep 2019 19:50
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Misc :
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Instrument : BNA_F
ClientSampleId : AOC-7-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

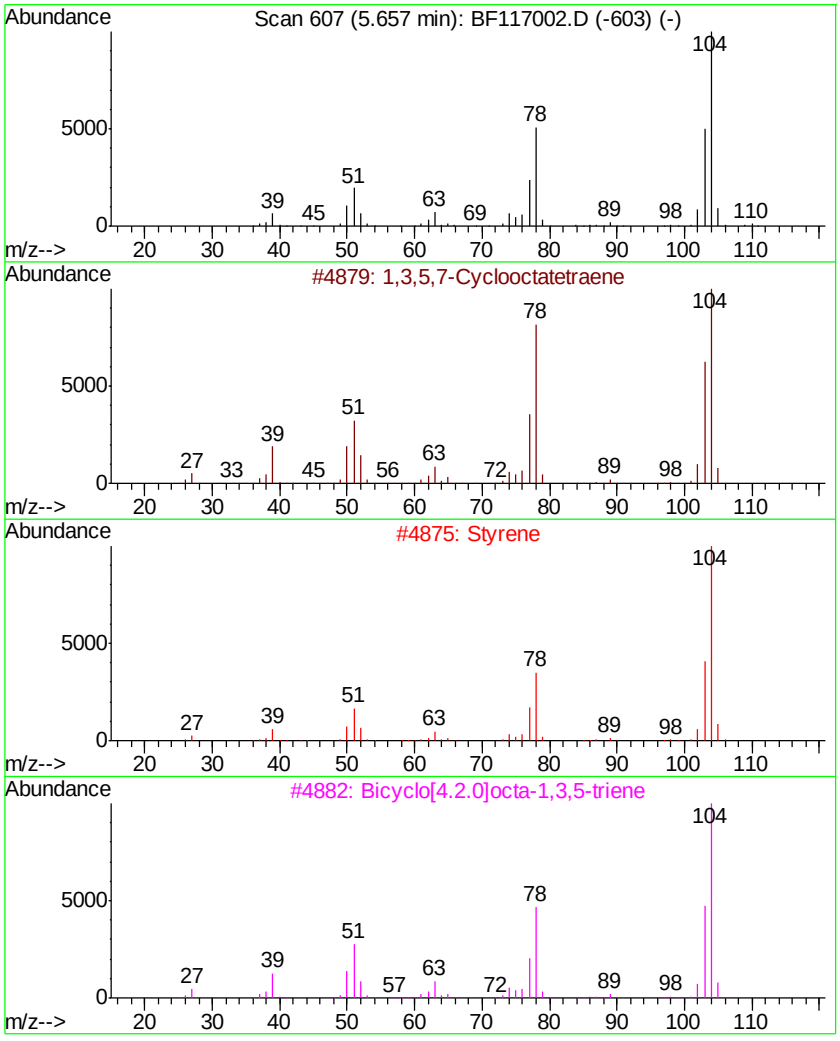
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

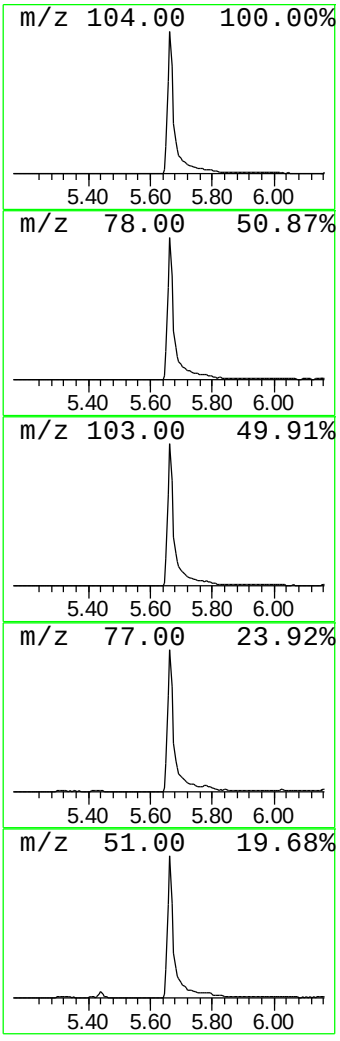
****

Peak Number 1 1,3,5,7-Cyclooctatetraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	99.12 ng	2184050	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
2	Styrene	104	C8H8	000100-42-5	95
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	72
5	1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF117002.D
Acq On : 12 Sep 2019 19:50
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC-7-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

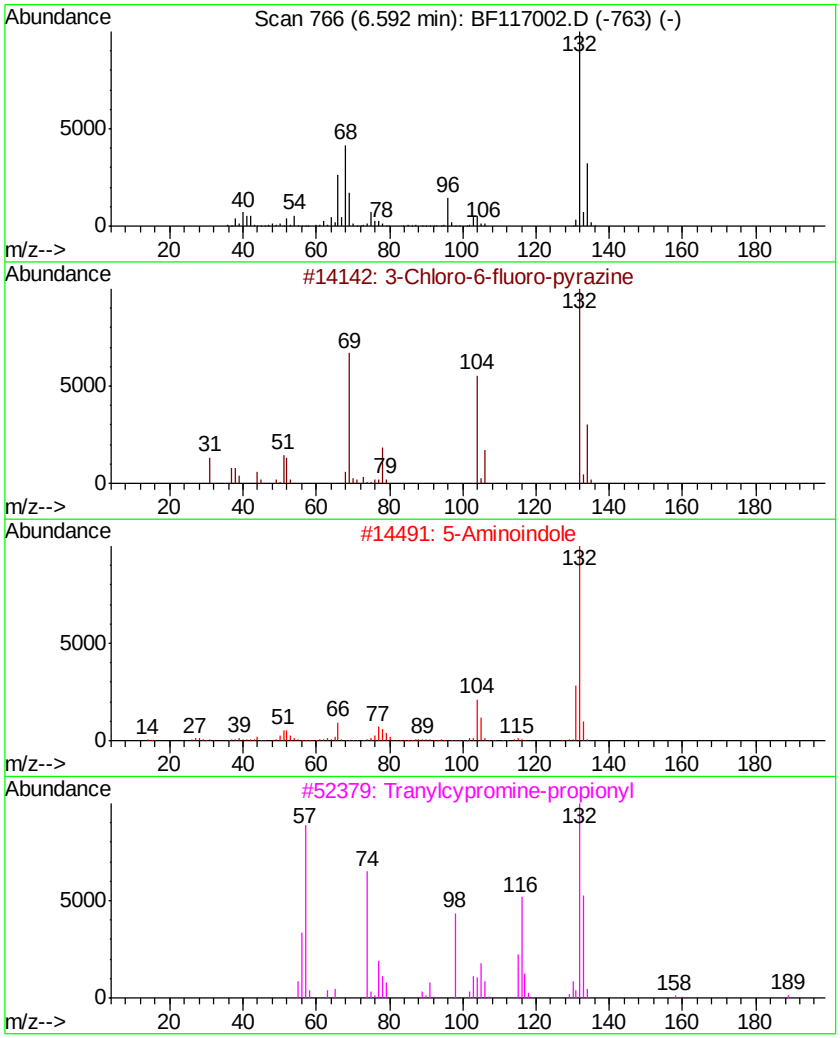
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

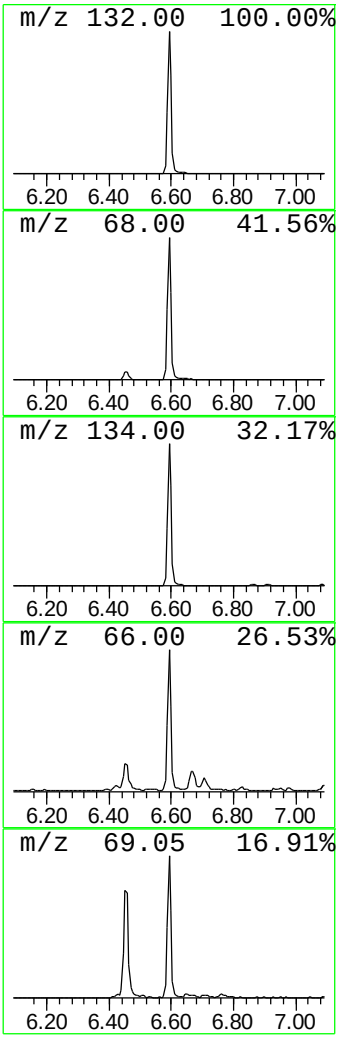
****

Peak Number 2 unknown6.59 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	28.40 ng	625810	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
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Acq On : 12 Sep 2019 19:50
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Misc :
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Instrument : BNA_F
ClientSampleId : AOC-7-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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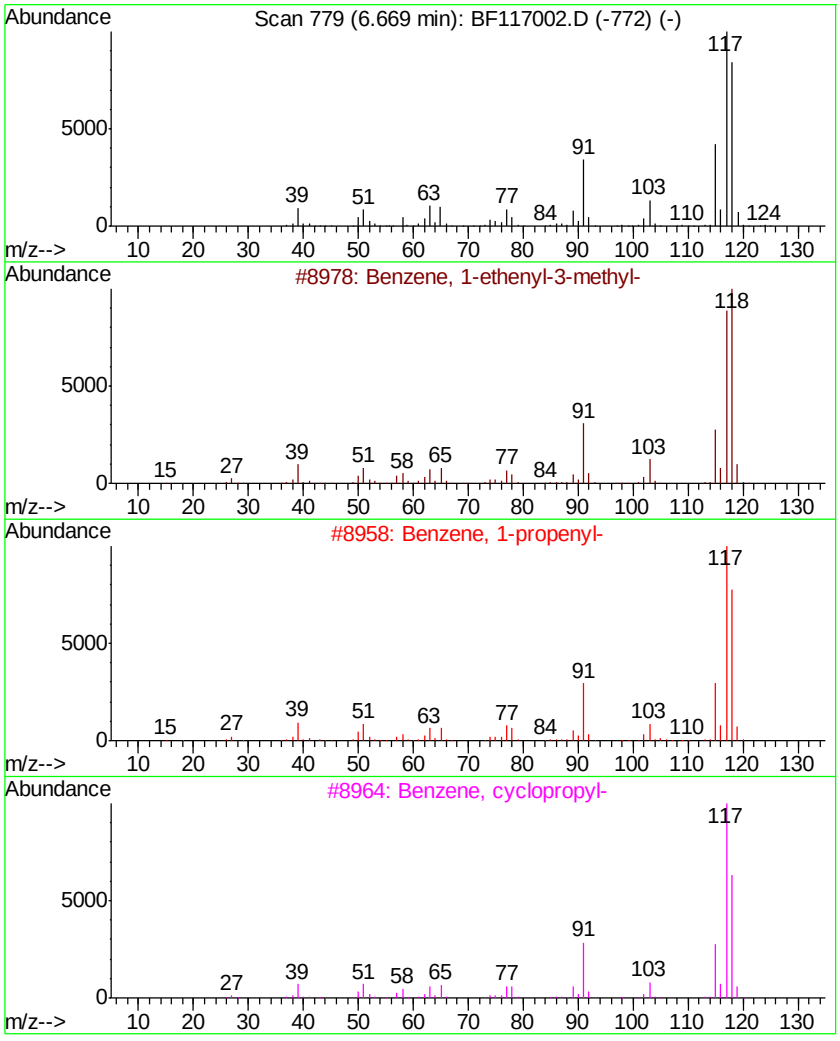
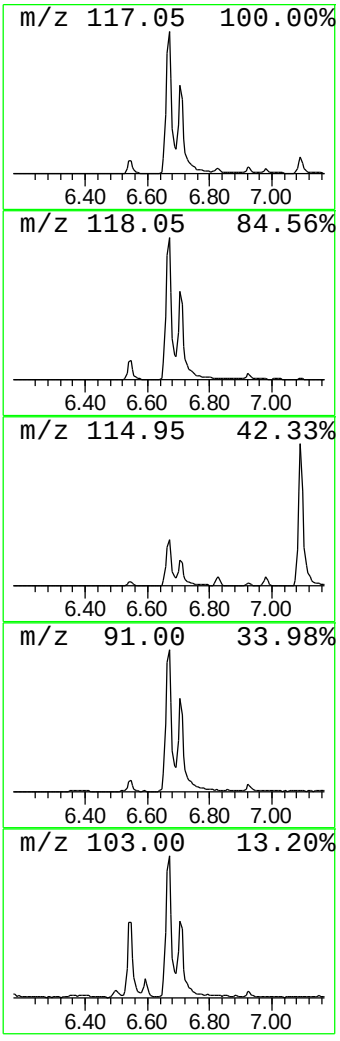
Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	170.97 ng	3767360	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC-7-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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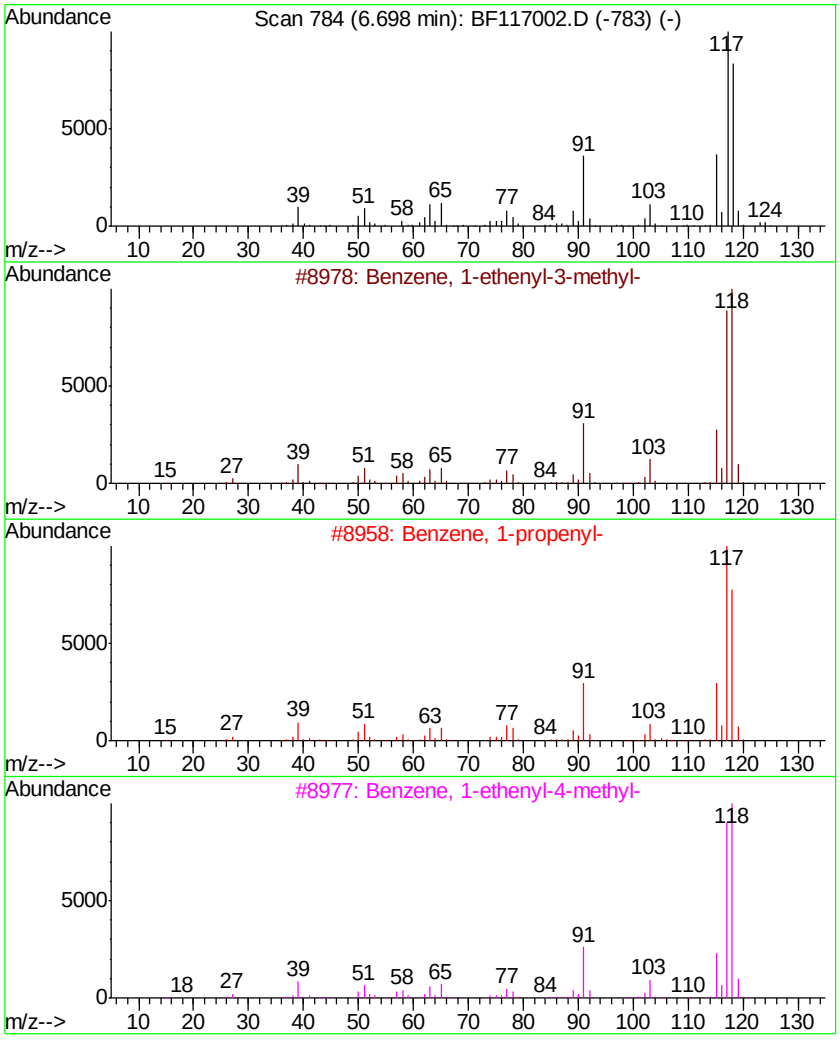
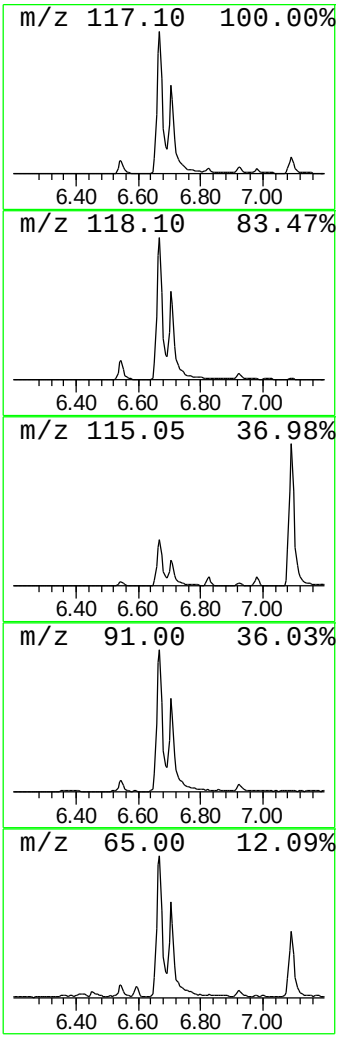
Peak Number 4 Benzene, 1-propenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	82.65 ng	1821110	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF117002.D
Acq On : 12 Sep 2019 19:50
Operator : HP/JU
Sample : K4850-04 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC-7-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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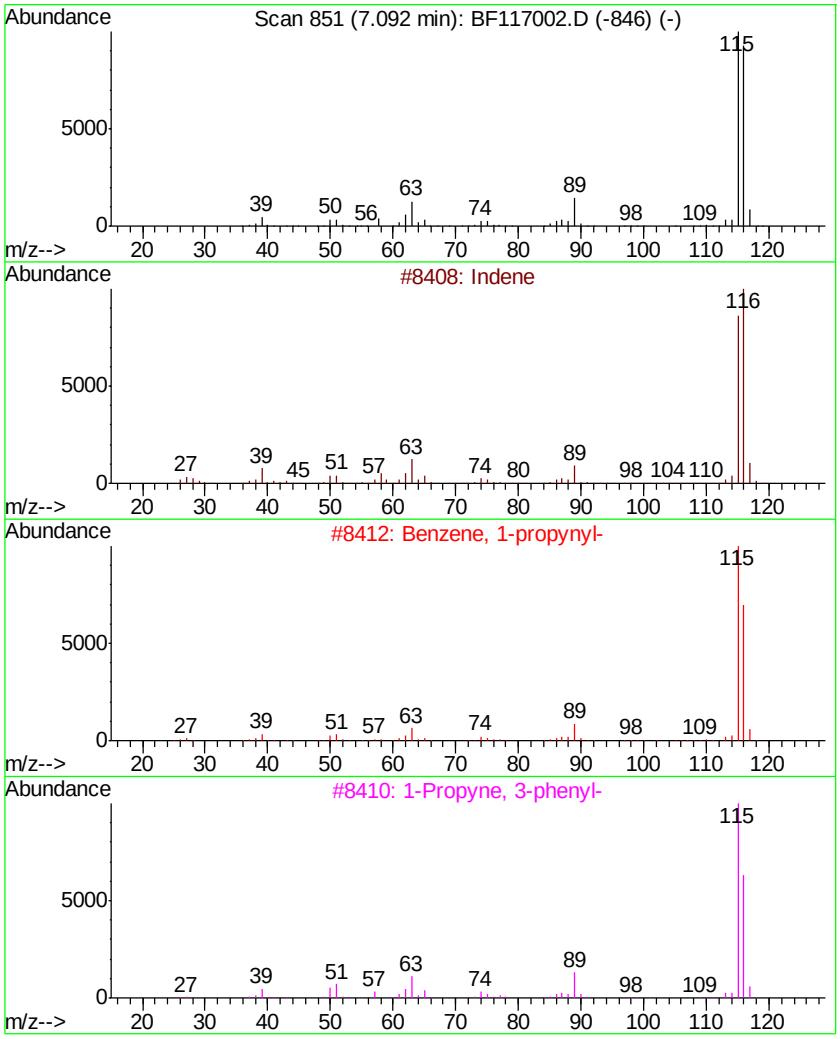
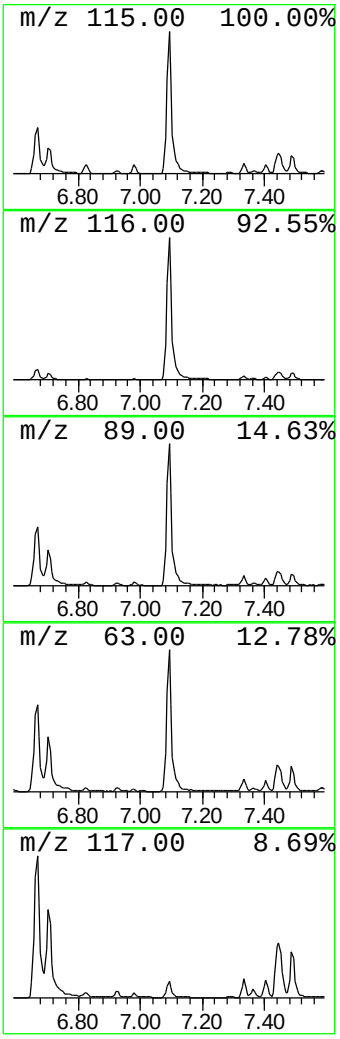
Peak Number 5 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	139.26 ng	3068560	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





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Sample : K4850-04 2X
Misc :
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Instrument : BNA_F
ClientSampleId : AOC-7-(8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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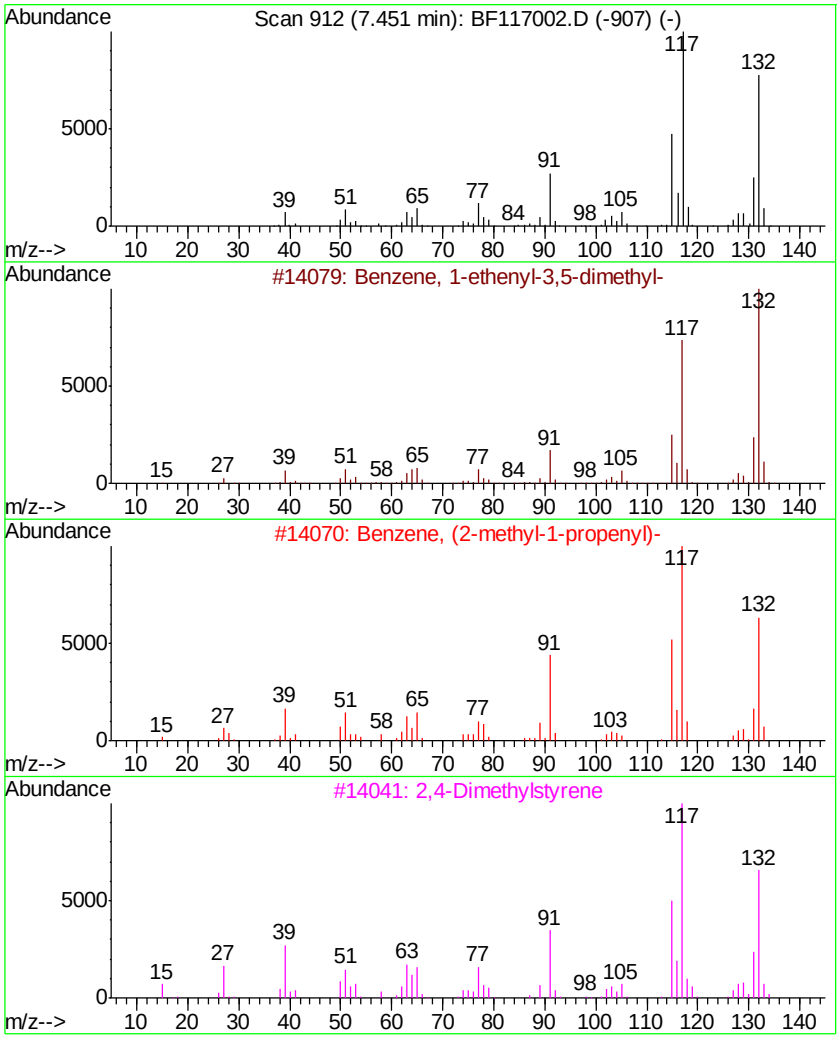
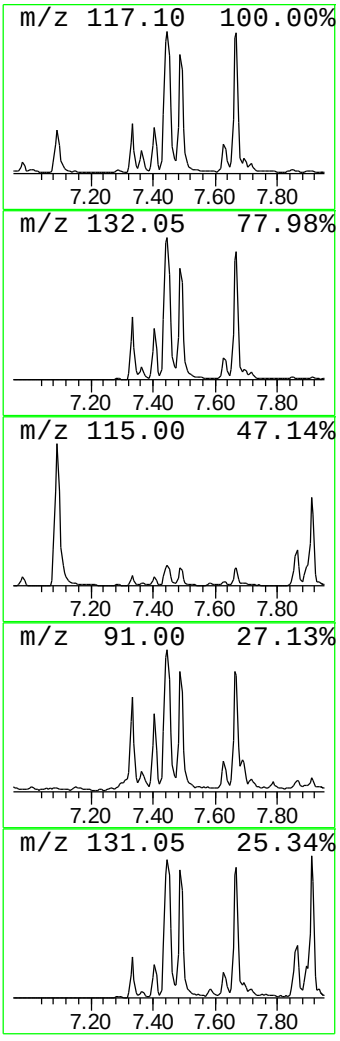
Peak Number 6 Benzene, (2-methyl-1-propen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	76.09 ng	1676720	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	96
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC-7-(8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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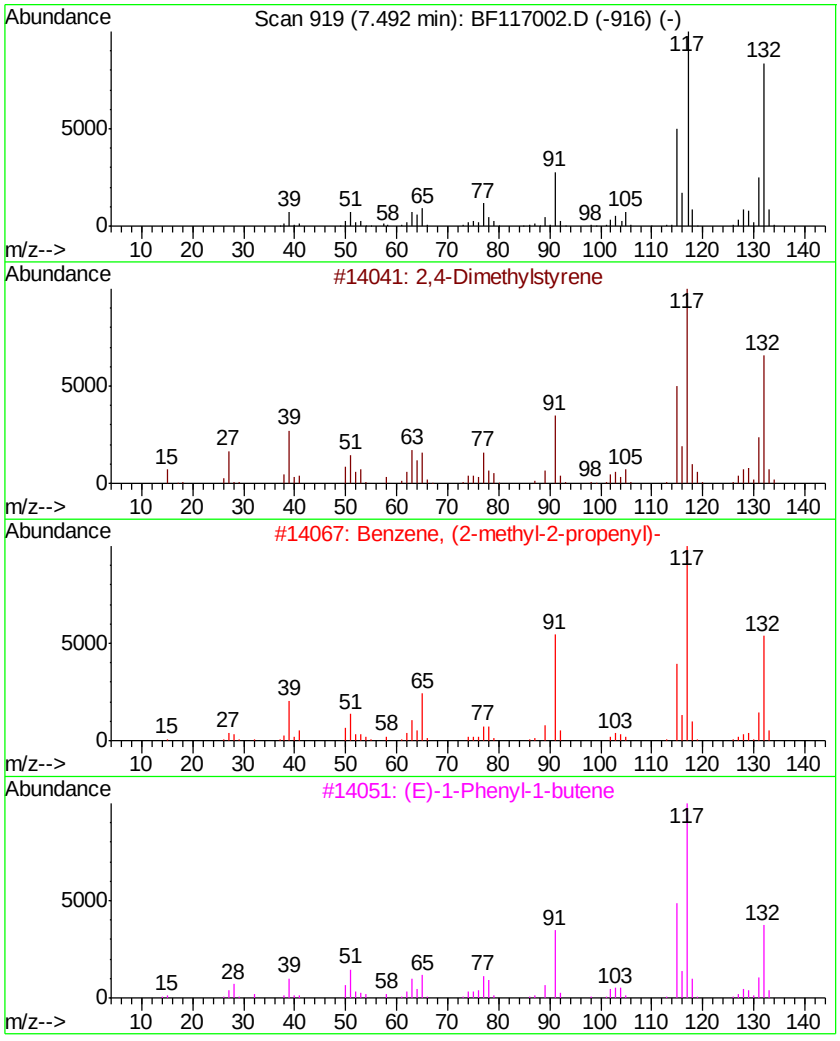
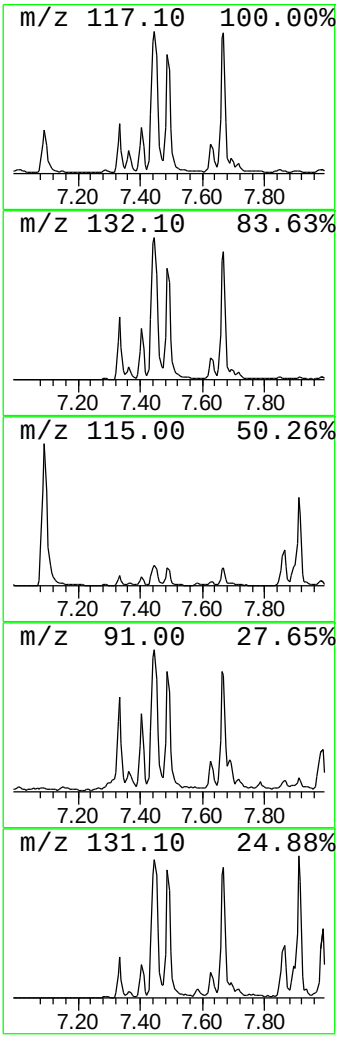
Peak Number 7 2,4-Dimethylstyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	33.79 ng	1062180	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	95
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	95
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95





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Misc :
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Instrument : BNA_F
ClientSampleId : AOC-7-(8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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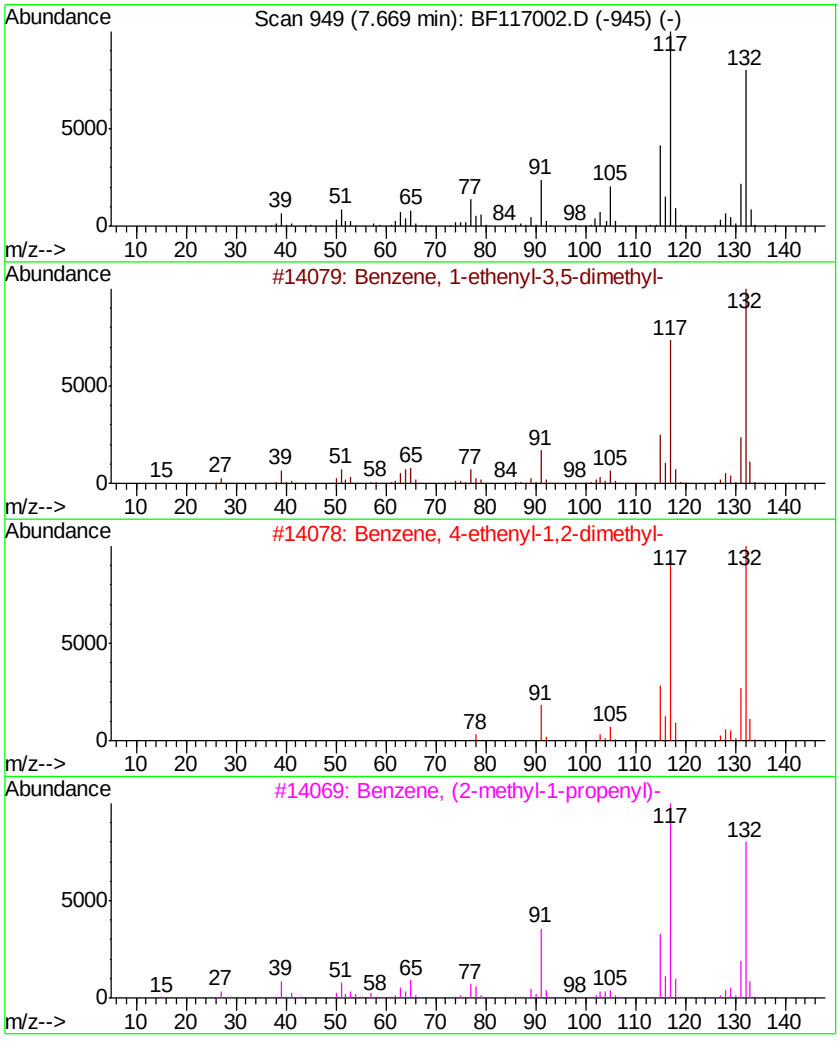
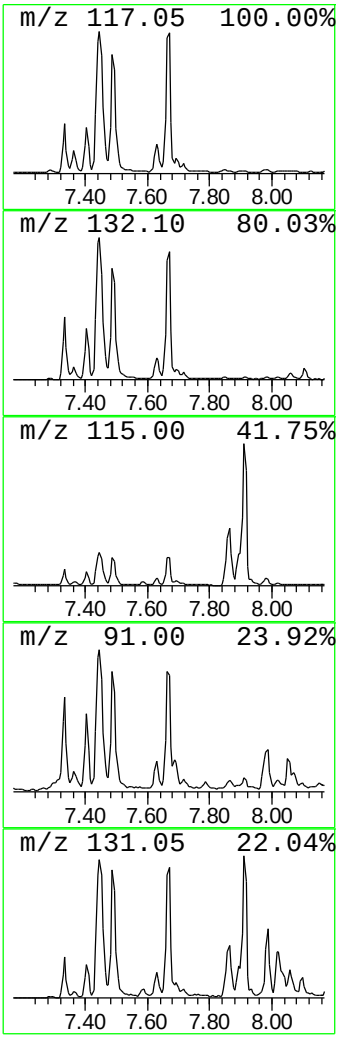
Peak Number 8 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	40.61 ng	1276440	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	97
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	96
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	93
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	93





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC-7-(8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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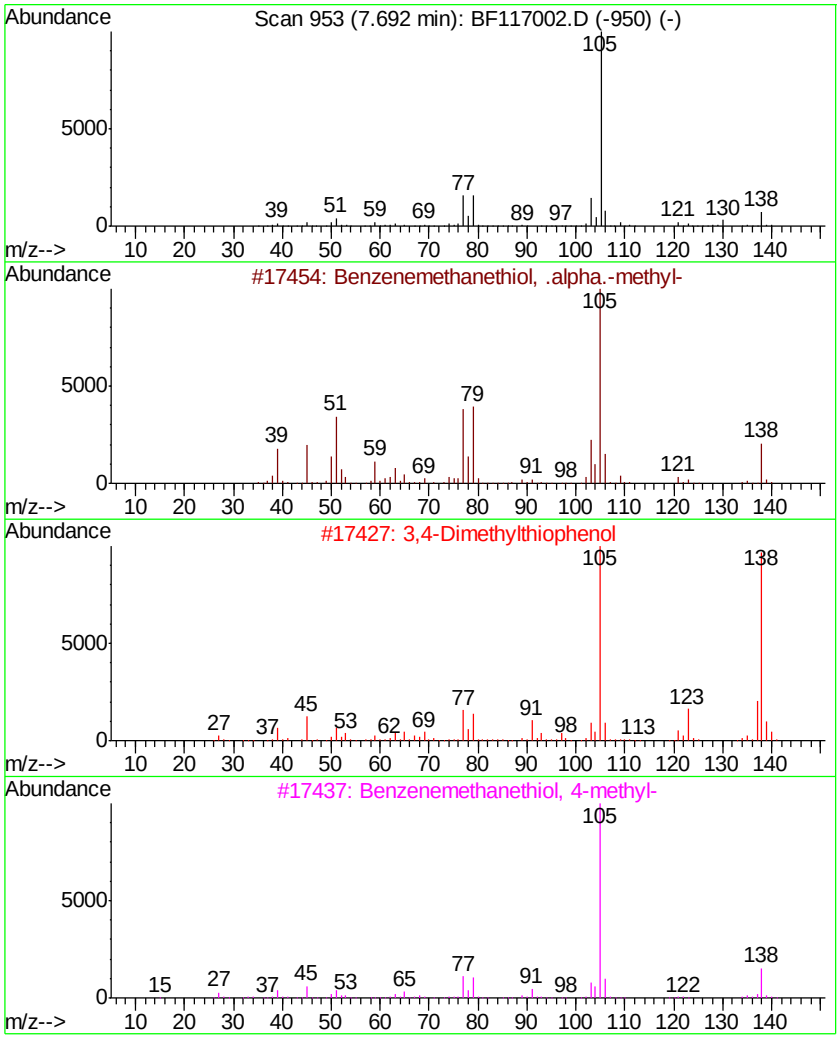
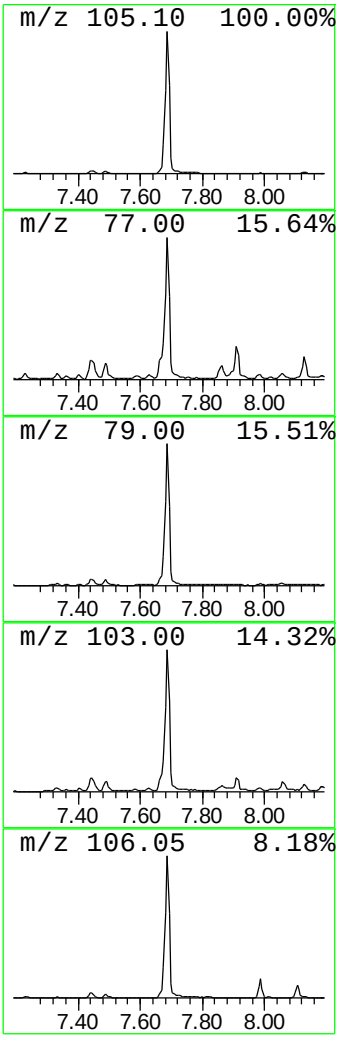
Peak Number 9 Benzenemethanethiol, .alpha... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	71.73 ng	2254640	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	81
2	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
3	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	64
4	3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	64
5	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	64





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Misc :
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Instrument : BNA_F
ClientSampleId : AOC-7-(8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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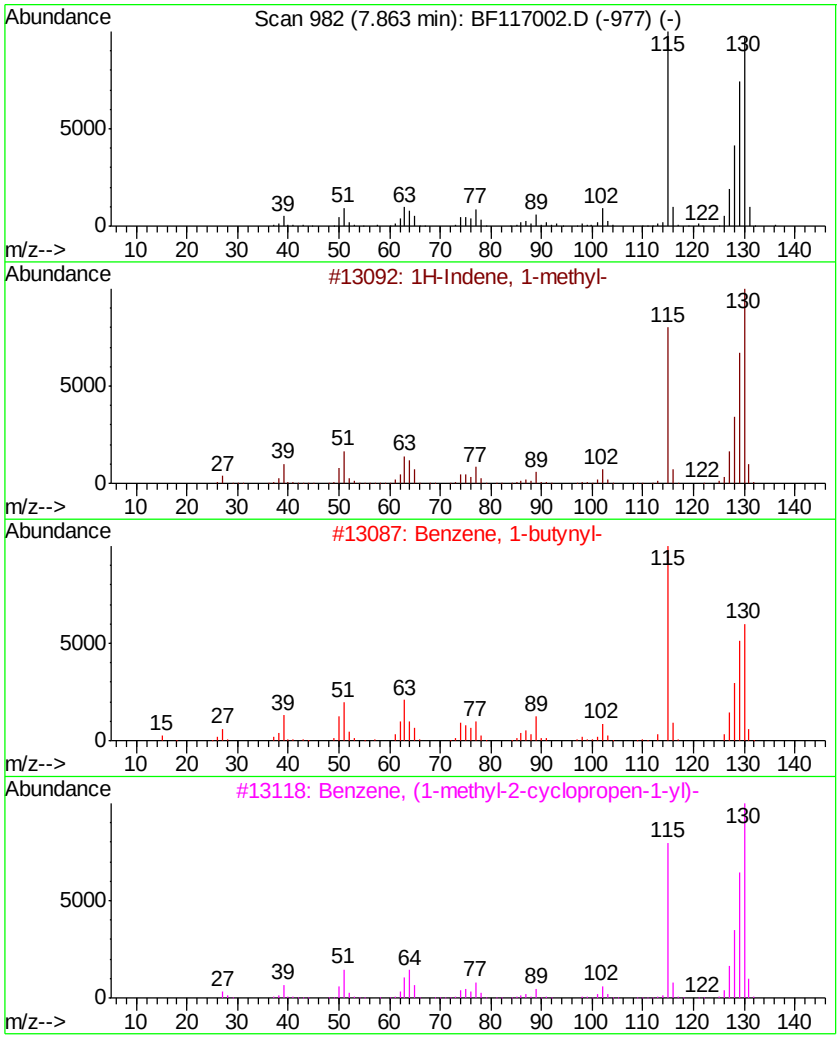
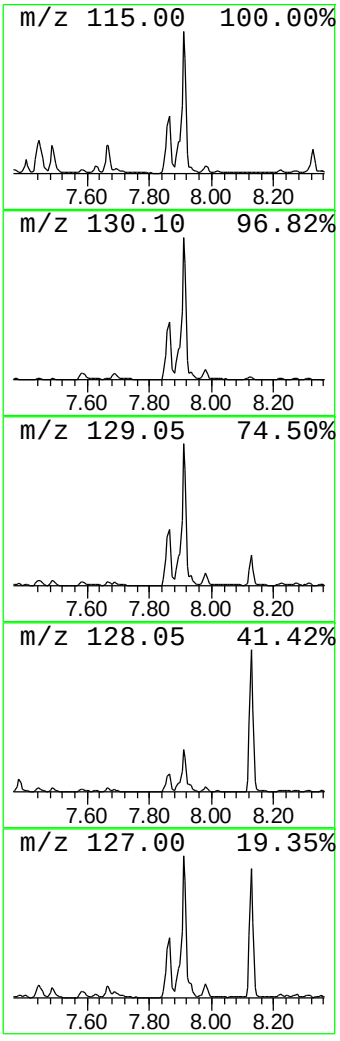
Peak Number 10 1H-Indene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	40.67 ng	1278450	Naphthalene-d8	8.10

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-2-cyclopropen...	130	C10H10	065051-83-4	91
4	2-Methylindene	130	C10H10	002177-47-1	91
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	90





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Misc :
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ClientSampleId : AOC-7-(8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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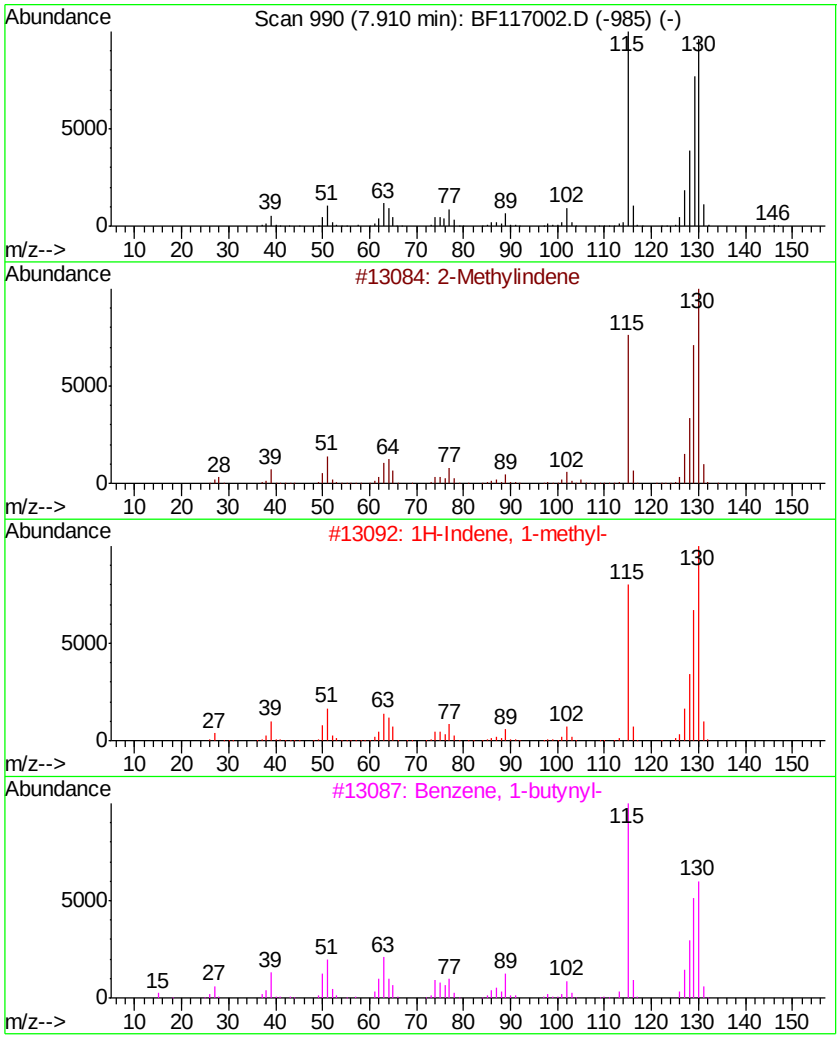
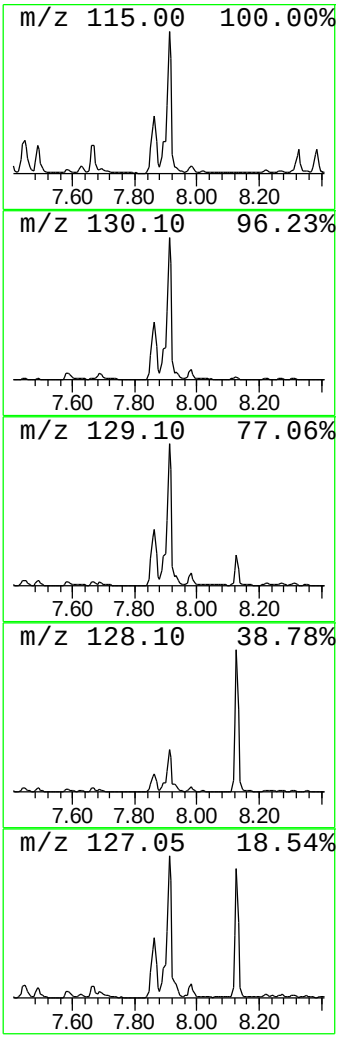
Peak Number 11 2-Methylindene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	91.26 ng	2868730	Naphthalene-d8	8.10

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	Cyclopropa[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92





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Misc :
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Instrument : BNA_F
ClientSampleId : AOC-7-(8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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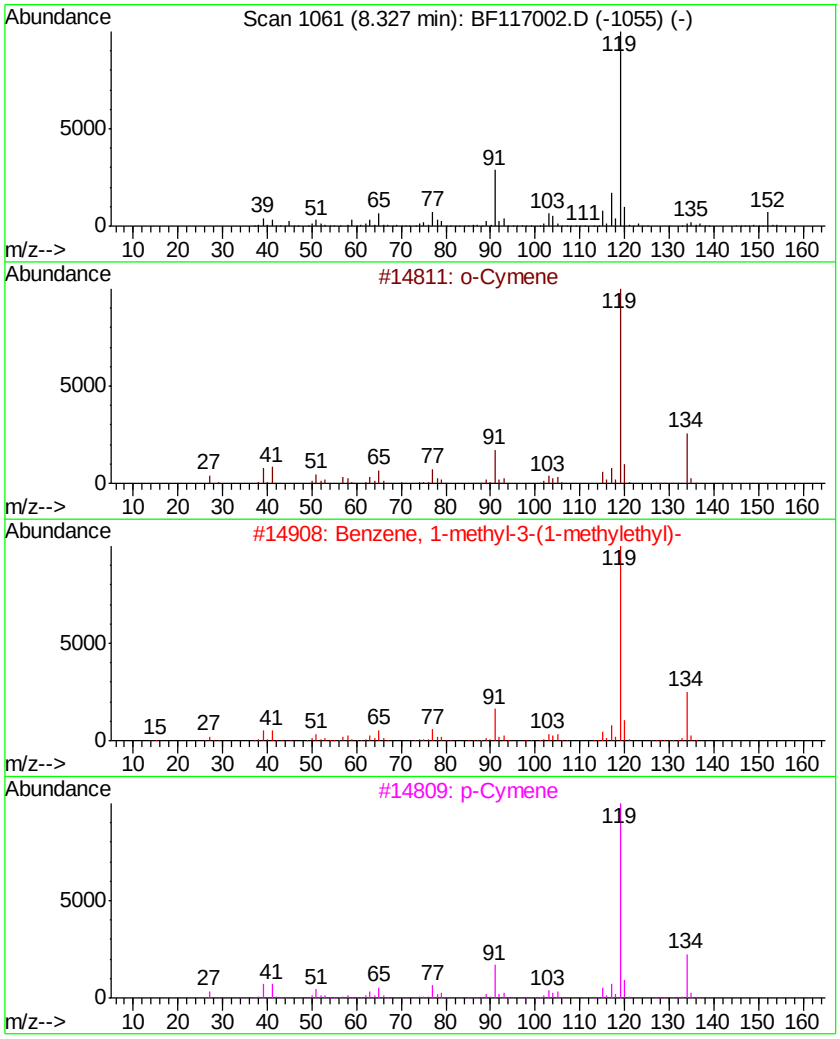
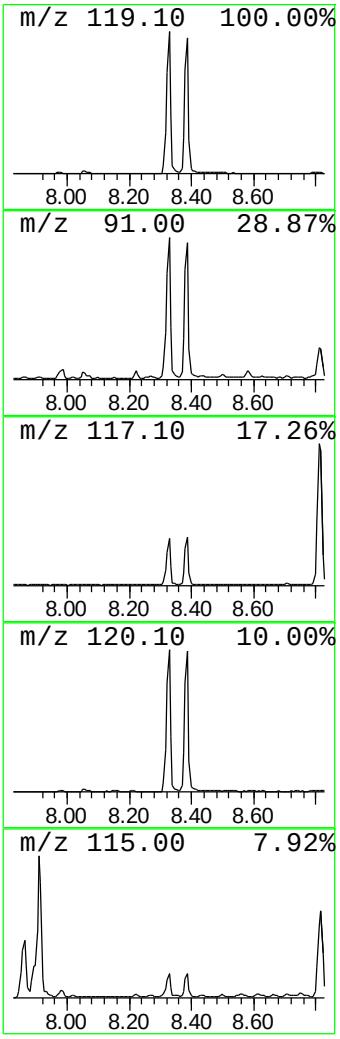
Peak Number 12 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	93.51 ng	2939510	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	90
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
3	p-Cymene	134	C10H14	000099-87-6	87
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	80
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	80





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Misc :
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ClientSampleId : AOC-7-(8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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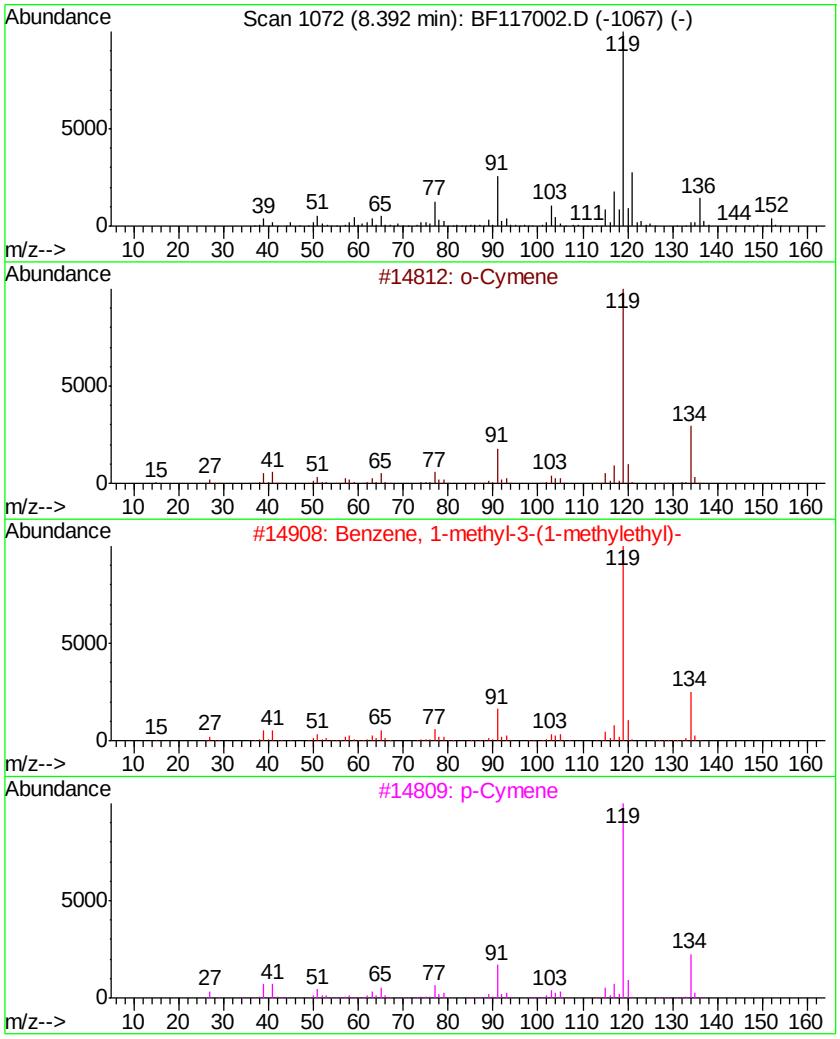
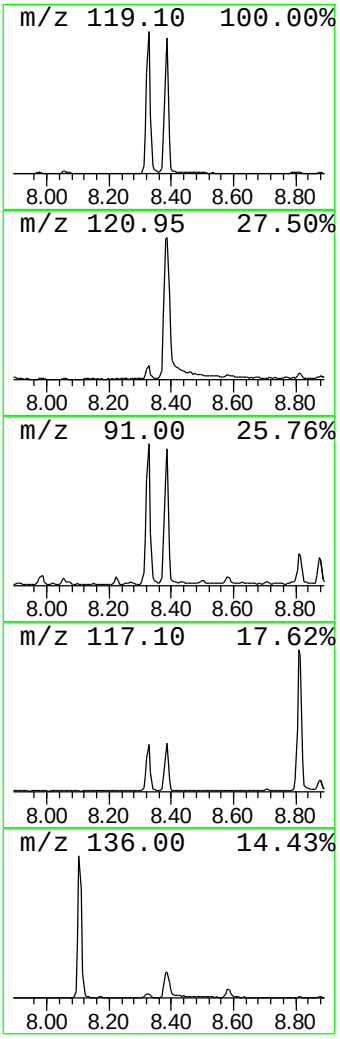
Peak Number 13 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	92.42 ng	2905020	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	87
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
3	p-Cymene	134	C10H14	000099-87-6	81
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	72
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72





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ClientSampleId : AOC-7-(8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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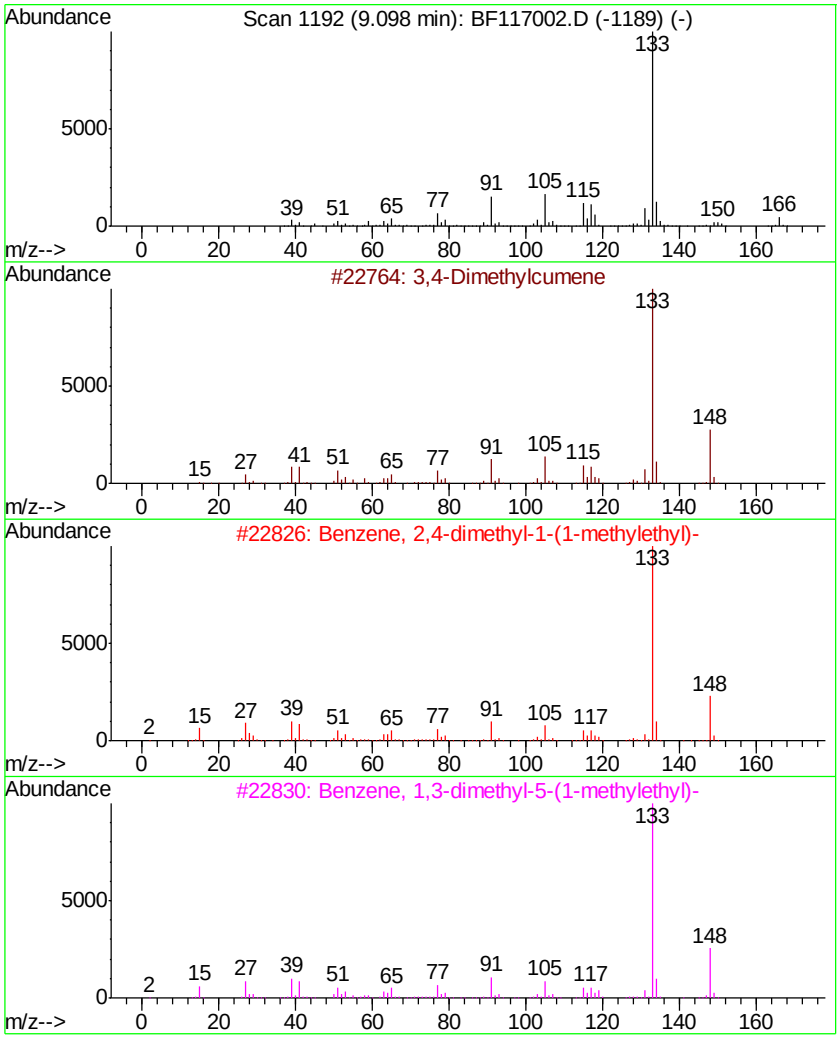
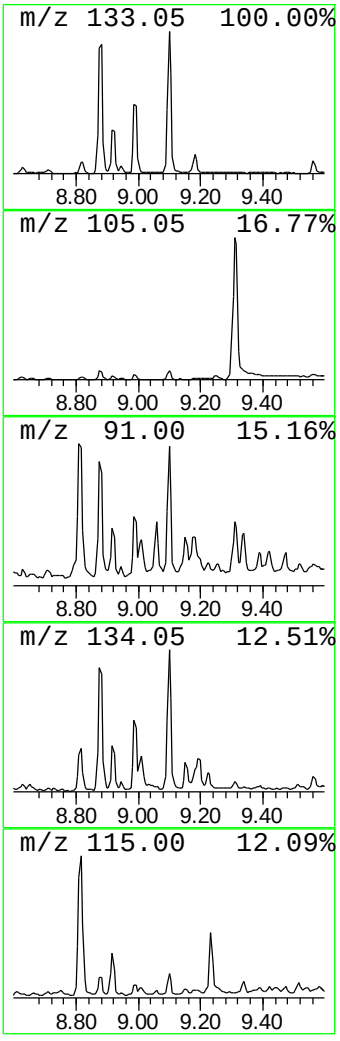
Peak Number 14 3,4-Dimethylcumene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	36.38 ng	975145	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	78
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	78
4	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	78
5	1-methyl-1-indanol	148	C10H12O	064666-42-8	72





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

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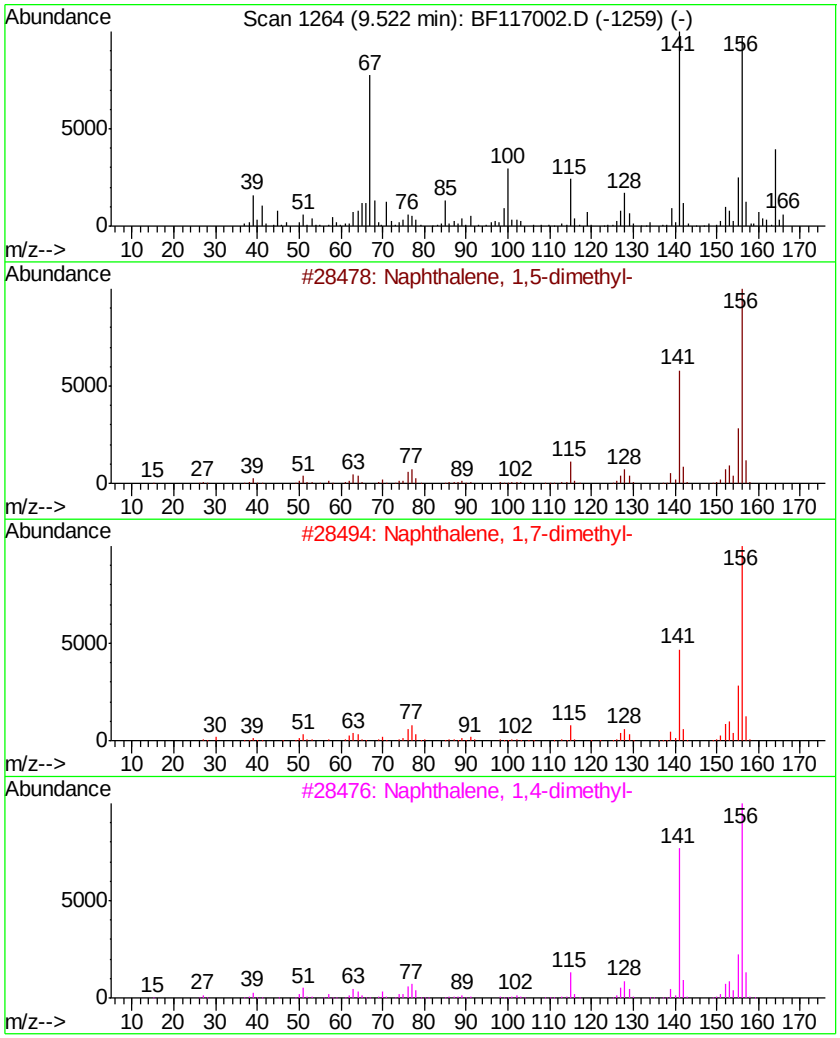
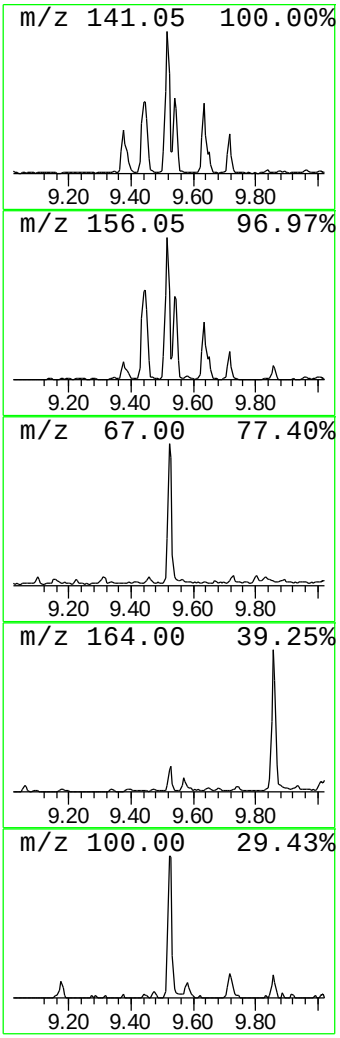
Peak Number 15 Naphthalene, 1,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	22.71 ng	608891	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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TIC Library : C:\DATABASE\NIST11.L
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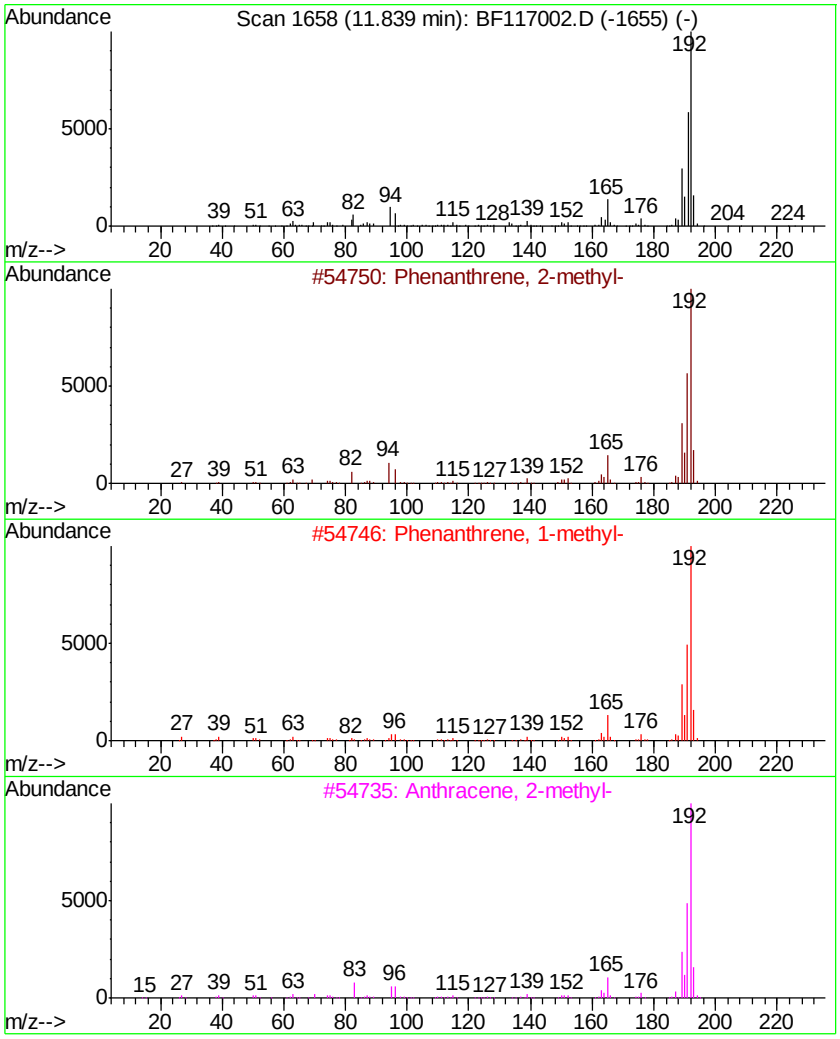
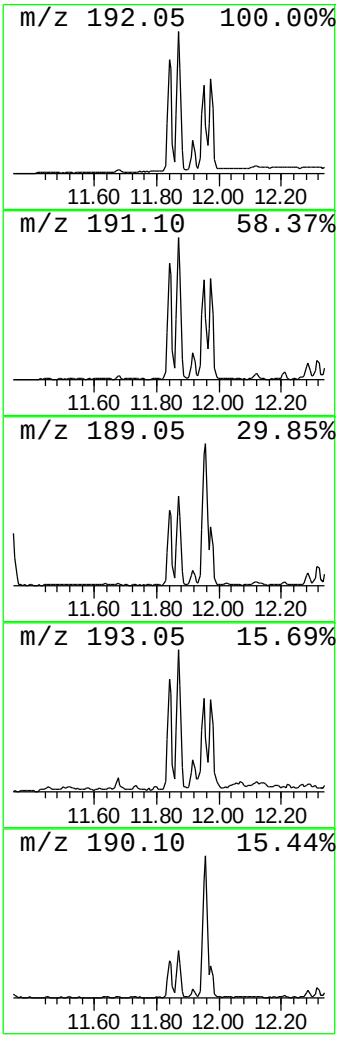
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	20.40 ng	640674	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF117002.D
Acq On : 12 Sep 2019 19:50
Operator : HP/JU
Sample : K4850-04 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC-7-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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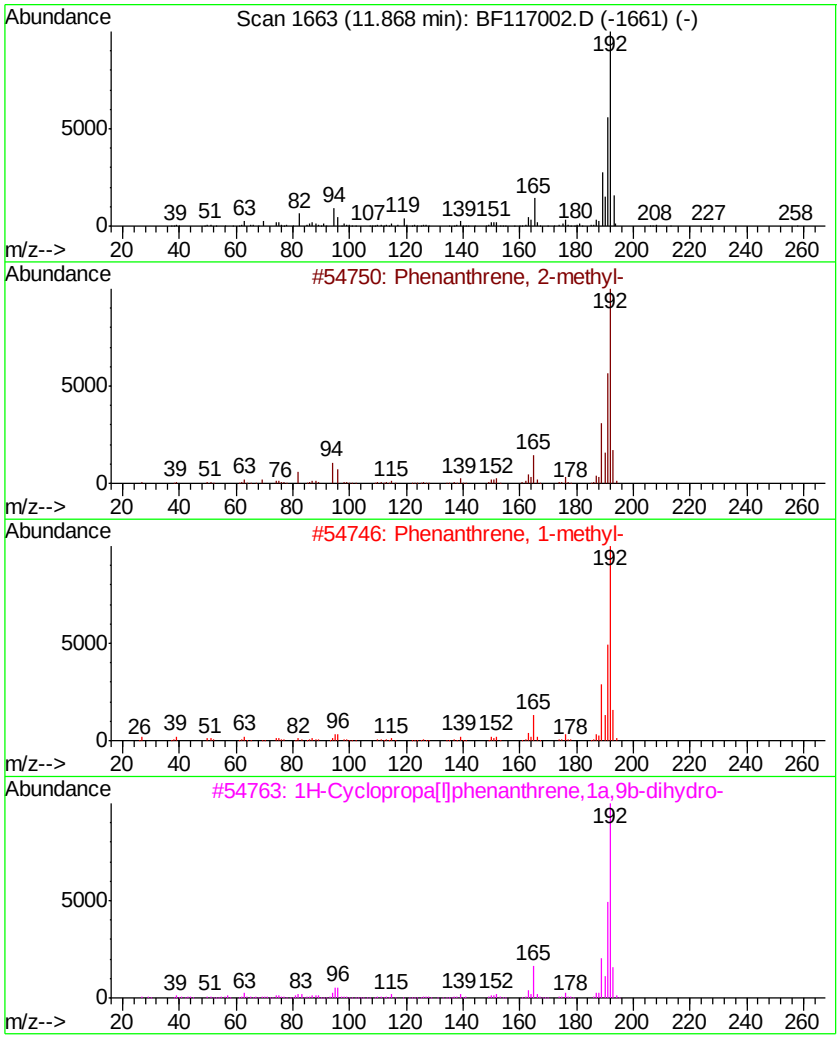
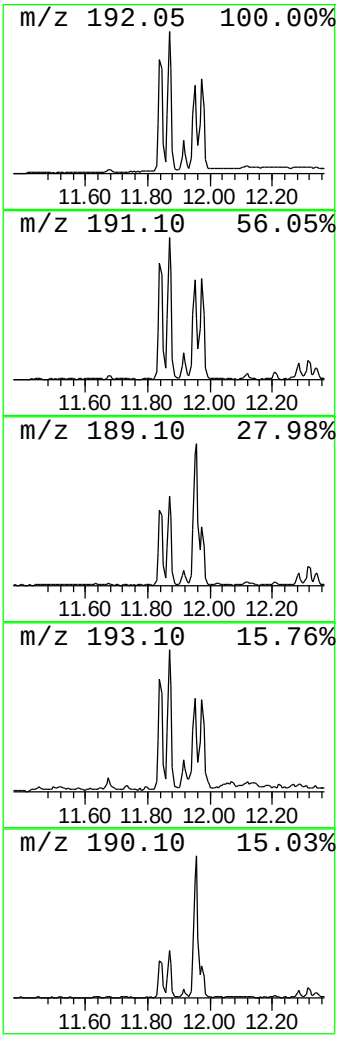
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	21.09 ng	662179	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF117002.D
Acq On : 12 Sep 2019 19:50
Operator : HP/JU
Sample : K4850-04 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC-7-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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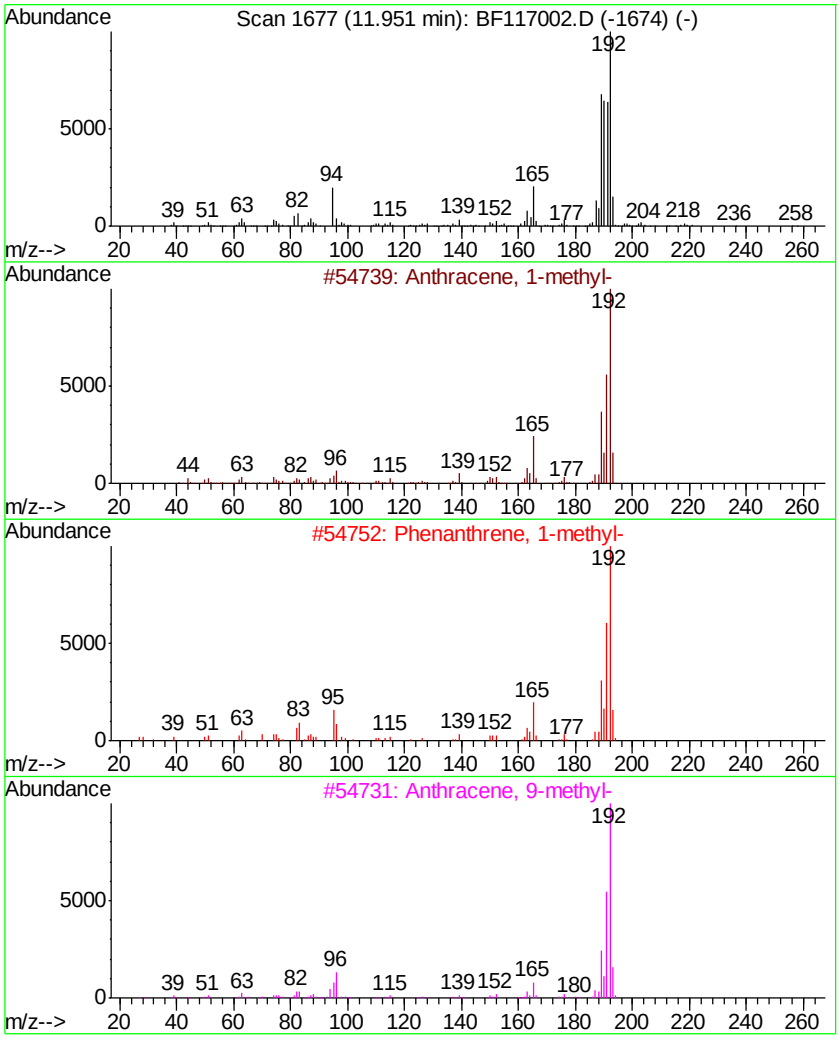
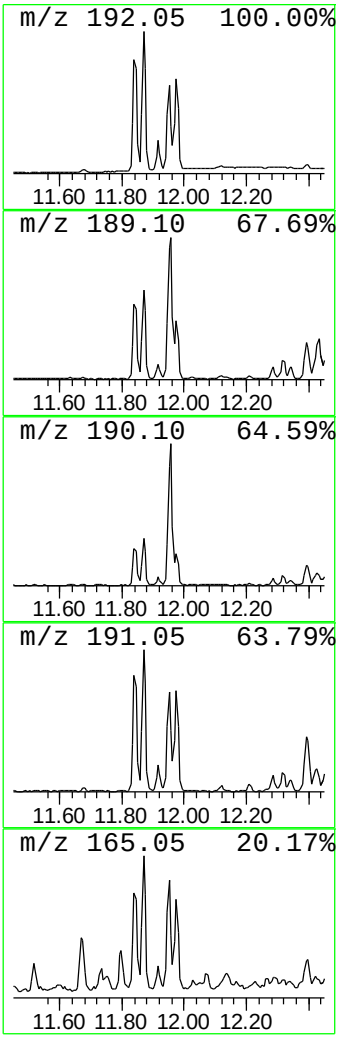
Peak Number 19 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	22.55 ng	708186	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF117002.D
Acq On : 12 Sep 2019 19:50
Operator : HP/JU
Sample : K4850-04 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC-7-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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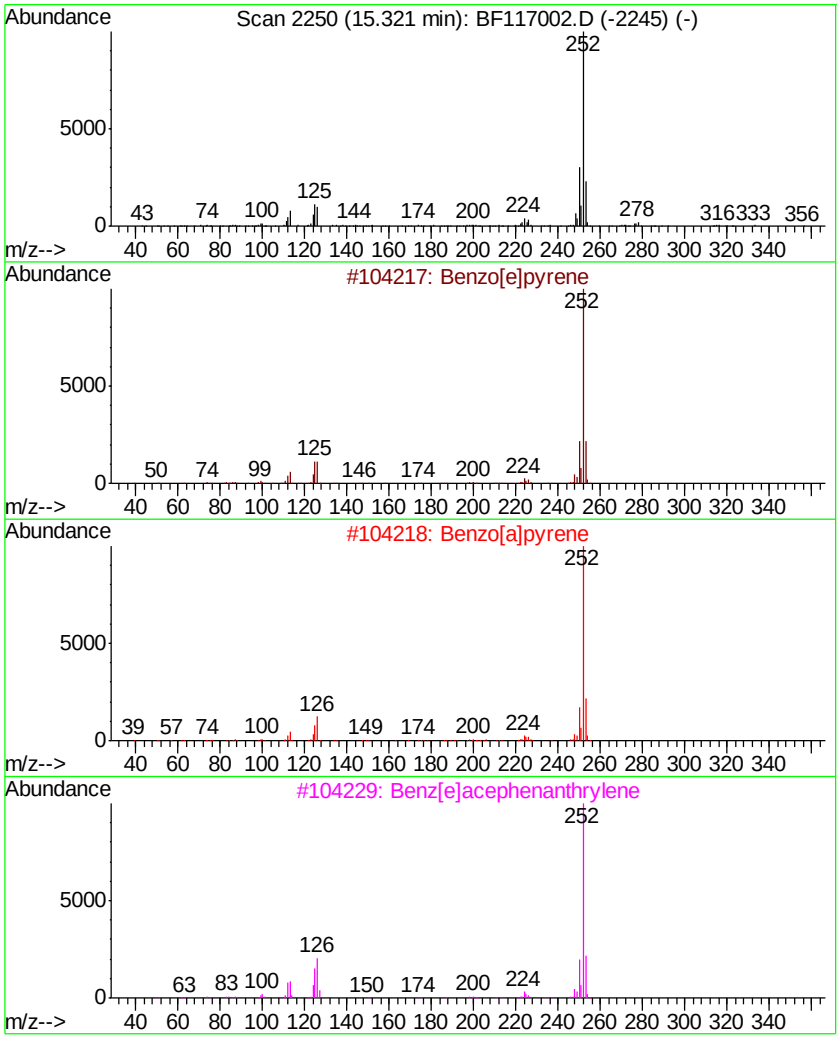
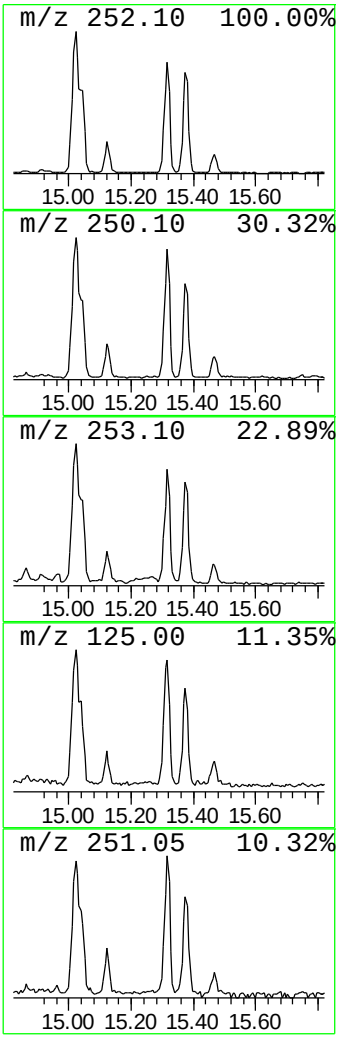
Peak Number 20 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	20.24 ng	435674	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091219\
Data File : BF117002.D
Acq On : 12 Sep 2019 19:50
Operator : HP/JU
Sample : K4850-04 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC-7-(8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
1,3,5,7-Cycloocta...	5.66	99.1	ng	2184050	1	6.83	440694	20.0
unknown6.59	6.59	28.4	ng	625810	1	6.83	440694	20.0
Benzene, 1-etheny...	6.67	171.0	ng	3767360	1	6.83	440694	20.0
Benzene, 1-propenyl-	6.70	82.7	ng	1821110	1	6.83	440694	20.0
Indene	7.09	139.3	ng	3068560	1	6.83	440694	20.0
Benzene, (2-methy...	7.45	76.1	ng	1676720	1	6.83	440694	20.0
2,4-Dimethylstyrene	7.49	33.8	ng	1062180	2	8.10	628680	20.0
Benzene, 4-etheny...	7.67	40.6	ng	1276440	2	8.10	628680	20.0
Benzenemethanethi...	7.69	71.7	ng	2254640	2	8.10	628680	20.0
1H-Indene, 1-methyl-	7.86	40.7	ng	1278450	2	8.10	628680	20.0
2-Methylindene	7.91	91.3	ng	2868730	2	8.10	628680	20.0
o-Cymene	8.33	93.5	ng	2939510	2	8.10	628680	20.0
Benzene, 1-methyl...	8.39	92.4	ng	2905020	2	8.10	628680	20.0
3,4-Dimethylcumene	9.10	36.4	ng	975145	3	9.86	536121	20.0
Naphthalene, 1,5-...	9.52	22.7	ng	608891	3	9.86	536121	20.0
Phenanthrene, 2-m...	11.84	20.4	ng	640674	4	11.34	628080	20.0
Phenanthrene, 1-m...	11.87	21.1	ng	662179	4	11.34	628080	20.0
Anthracene, 1-met...	11.95	22.6	ng	708186	4	11.34	628080	20.0
Benzo[e]pyrene	15.32	20.2	ng	435674	6	15.44	430532	20.0