LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098966.D
Acq On : 30 Sep 2017 16:51
Operator : SJ/JU
Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

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-BF092317.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	6.445	737	741	744	rBV	3989005	4026352	12.80%	0.845%
2	6.475	744	746	749	rVB	2429440	1922108	6.11%	0.403%
3	6.522	749	754	763	rVB	3577758	3641902	11.57%	0.764%
4	6.745	787	792	796	rBV2	5116901	6462808	20.54%	1.356%
5	6.975	828	831	833	rBV	1975800	1857509	5.90%	0.390%
6	7.110	843	854	857	rBV	5880287	8594748	27.31%	1.804%
7	7.181	860	866	870	rVB2	2415339	3171859	10.08%	0.666%
8	7.234	870	875	880	rBV	2214483	2106441	6.69%	0.442%
9	7.451	906	912	914	rBV	2547899	2331433	7.41%	0.489%
10	7.563	928	931	935	rVB2	1722963	1749900	5.56%	0.367%
11	7.622	935	941	944	rBV	2926833	3719992	11.82%	0.781%
12	7.686	948	952	954	rBV	1968535	1654290	5.26%	0.347%
13	7.710	954	956	960	rVB	1636802	1436392	4.56%	0.301%
14	7.875	977	984	988	rVB2	2698123	3144385	9.99%	0.660%
15	7.951	988	997	1001	rBV3	3279645	6359741	20.21%	1.335%
16	7.992	1001	1004	1015	rVB	3102945	5540038	17.61%	1.163%
17	8.233	1037	1045	1056	rBV2	5744478	31465545	100.00%	6.604%
18	8.322	1058	1060	1064	rVB	4492035	3372890	10.72%	0.708%
19	8.639	1108	1114	1116	rBV2	951371	1354960	4.31%	0.284%
20	8.933	1156	1164	1166	rBV	5433511	12849105	40.84%	2.697%
21	8.981	1169	1172	1175	rBV2	1531003	1604892	5.10%	0.337%
22	9.039	1175	1182	1183	rBV2	5137980	9705234	30.84%	2.037%
23	9.386	1236	1241	1244	rVB	5416099	6578278	20.91%	1.381%
24	9.480	1253	1257	1262	rVB	3989028	4789125	15.22%	1.005%
25	9.557	1262	1270	1273	rBV	4983822	9224468	29.32%	1.936%
26	9.633	1276	1283	1285	rBV2	5035693	9228393	29.33%	1.937%
27	9.657	1285	1287	1290	rVB	4817615	4279364	13.60%	0.898%
28	9.745	1295	1302	1309	rVB2	3813022	6374070	20.26%	1.338%
29	9.828	1313	1316	1319	rVB	4308247	4312651	13.71%	0.905%
30	9.969	1330	1340	1341	rBV	3505996	4276187	13.59%	0.897%
31	10.010	1341	1347	1350	rBV	3781370	8851965	28.13%	1.858%
32	10.063	1354	1356	1361	rVB3	975024	1429835	4.54%	0.300%
33	10.180	1368	1376	1378	rBV3	5050284	10013204	31.82%	2.102%
34	10.275	1388	1392	1395	rBV2	2959983	3619560	11.50%	0.760%

LSC Area Percent Report

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Acq On : 30 Sep 2017 16:51
Operator : SJ/JU
Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.304	1395	1397	1403	rVB2	2289172	2550181	8.10%	0.535%
36	10.369	1403	1408	1410	rBV2	1839728	2891077	9.19%	0.607%
37	10.416	1413	1416	1419	rVB	2647199	2561910	8.14%	0.538%
38	10.457	1419	1423	1424	rBV2	1173413	1269681	4.04%	0.266%
39	10.480	1424	1427	1429	rVV2	1948343	2390123	7.60%	0.502%
40	10.527	1429	1435	1437	rVV	4957764	10852285	34.49%	2.278%
41	10.604	1445	1448	1450	rVV2	1864601	2200615	6.99%	0.462%
42	10.627	1450	1452	1454	rVV	2831496	2524550	8.02%	0.530%
43	10.651	1454	1456	1457	rVV	1793362	1610045	5.12%	0.338%
44	10.675	1457	1460	1462	rVV	4058832	4466499	14.19%	0.937%
45	11.063	1520	1526	1528	rBV	3327743	4479349	14.24%	0.940%
46	11.086	1528	1530	1533	rVB	1812260	1485739	4.72%	0.312%
47	11.139	1536	1539	1542	rBV	1828109	1931689	6.14%	0.405%
48	11.186	1544	1547	1549	rBV	1403303	1484107	4.72%	0.311%
49	11.210	1549	1551	1557	rVB	1332714	1337175	4.25%	0.281%
50	11.257	1557	1559	1563	rVB	1380129	1423478	4.52%	0.299%
51	11.298	1563	1566	1571	rBV	1560903	2083751	6.62%	0.437%
52	11.357	1571	1576	1585	rVB	3826063	5903033	18.76%	1.239%
53	11.492	1589	1599	1606	rBV	5062489	20095595	63.87%	4.218%
54	11.569	1609	1612	1618	rVB2	4393912	10165993	32.31%	2.134%
55	11.698	1625	1634	1638	rBV	4131648	6699737	21.29%	1.406%
56	11.963	1673	1679	1682	rBV	4012796	6516306	20.71%	1.368%
57	12.004	1682	1686	1689	rVB	4417128	5765618	18.32%	1.210%
58	12.051	1689	1694	1696	rBV	3419394	5045807	16.04%	1.059%
59	12.092	1696	1701	1706	rVB2	3664934	8192312	26.04%	1.719%
60	12.216	1718	1722	1725	rBV3	779112	1356700	4.31%	0.285%
61	12.257	1725	1729	1732	rVB	3609578	3904444	12.41%	0.819%
62	12.510	1767	1772	1776	rBV2	2225536	4336995	13.78%	0.910%
63	12.551	1776	1779	1784	rVB2	1185292	1795310	5.71%	0.377%
64	12.610	1787	1789	1796	rVB3	1226515	1819180	5.78%	0.382%
65	12.686	1796	1802	1808	rBV	4318765	14396140	45.75%	3.021%
66	12.792	1816	1820	1824	rVB	3983469	4630494	14.72%	0.972%
67	12.839	1824	1828	1833	rBV2	1830049	2527265	8.03%	0.530%
68	12.921	1833	1842	1845	rBV2	4134628	10320711	32.80%	2.166%
69	13.033	1857	1861	1864	rVV	2642779	2667102	8.48%	0.560%
70	13.133	1872	1878	1880	rBV2	2506857	4569110	14.52%	0.959%
71	13.216	1888	1892	1893	rBV2	1903266	2539017	8.07%	0.533%

LSC Area Percent Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.251	1893	1898	1900	rVB	3822632	6469549	20.56%	1.358%
73	13.316	1900	1909	1912	rBV	3779682	7634907	24.26%	1.602%
74	13.351	1912	1915	1921	rVB3	2754501	4674026	14.85%	0.981%
75	13.410	1921	1925	1928	rBV2	1706528	2472689	7.86%	0.519%
76	13.445	1928	1931	1933	rVV	1990347	2305172	7.33%	0.484%
77	13.474	1933	1936	1942	rVB	2686679	3482253	11.07%	0.731%
78	13.716	1973	1977	1980	rBV3	1180558	1854121	5.89%	0.389%
79	13.857	1997	2001	2003	rBV	1029916	1598480	5.08%	0.335%
80	13.886	2003	2006	2008	rVV	2405972	2840920	9.03%	0.596%
81	13.915	2008	2011	2017	rVB3	2082294	3286658	10.45%	0.690%
82	14.121	2036	2046	2047	rBV4	3871380	10099454	32.10%	2.120%
83	14.239	2062	2066	2068	rVV	2517108	2802657	8.91%	0.588%
84	14.268	2068	2071	2075	rVV2	1064915	1421546	4.52%	0.298%
85	14.339	2080	2083	2086	rVV2	1774192	2265469	7.20%	0.475%
86	14.504	2105	2111	2113	rVV2	2179786	3627686	11.53%	0.761%
87	14.533	2113	2116	2119	rVB2	1580849	1564569	4.97%	0.328%
88	14.604	2125	2128	2130	rVV2	1184667	1275433	4.05%	0.268%
89	14.633	2130	2133	2134	rVV	1200054	1366126	4.34%	0.287%
90	14.657	2134	2137	2139	rVB3	1877193	2063385	6.56%	0.433%
91	15.215	2219	2232	2237	rBV2	3460155	14084764	44.76%	2.956%
92	15.304	2242	2247	2252	rVB	2178032	3214845	10.22%	0.675%
93	15.515	2275	2283	2287	rBV	2111592	5174189	16.44%	1.086%
94	15.598	2287	2297	2301	rVB3	3244142	9044394	28.74%	1.898%
95	15.680	2305	2311	2315	rVB2	2191192	3409121	10.83%	0.715%
96	16.215	2397	2402	2410	rVB2	741856	1376748	4.38%	0.289%
97	17.192	2554	2568	2572	rBV2	1746479	5742575	18.25%	1.205%
98	17.339	2585	2593	2598	rBV	670078	1630496	5.18%	0.342%
99	17.662	2634	2648	2655	rBV	1369596	4782826	15.20%	1.004%
100	17.903	2678	2689	2698	rVB2	962548	3069733	9.76%	0.644%

Sum of corrected areas: 476473538

LSC Report - Integrated Chromatogram

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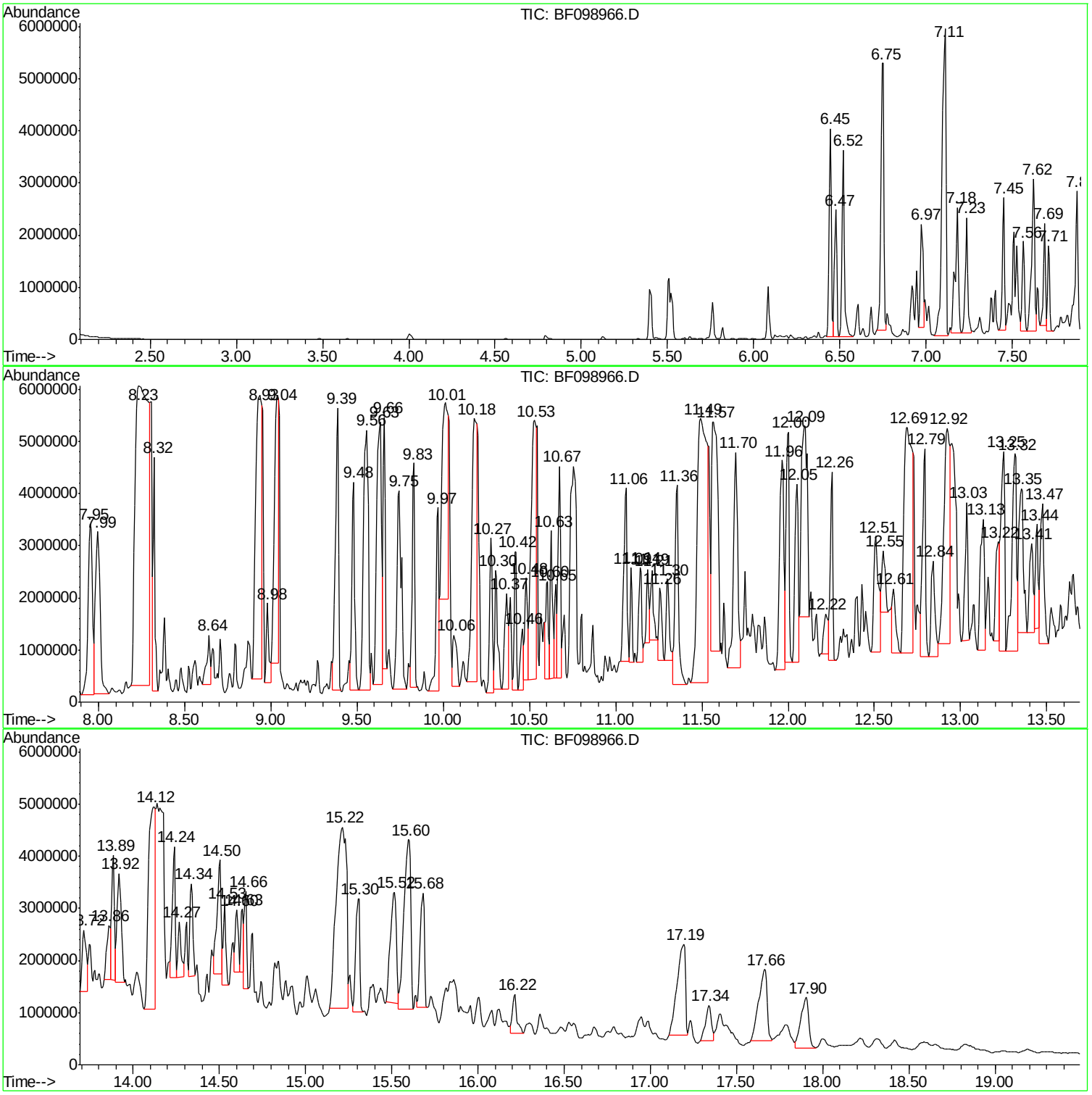
Data File : BF098966.D
Acq On : 30 Sep 2017 16:51
Operator : SJ/JU
Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098966.D
Acq On : 30 Sep 2017 16:51
Operator : SJ/JU
Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

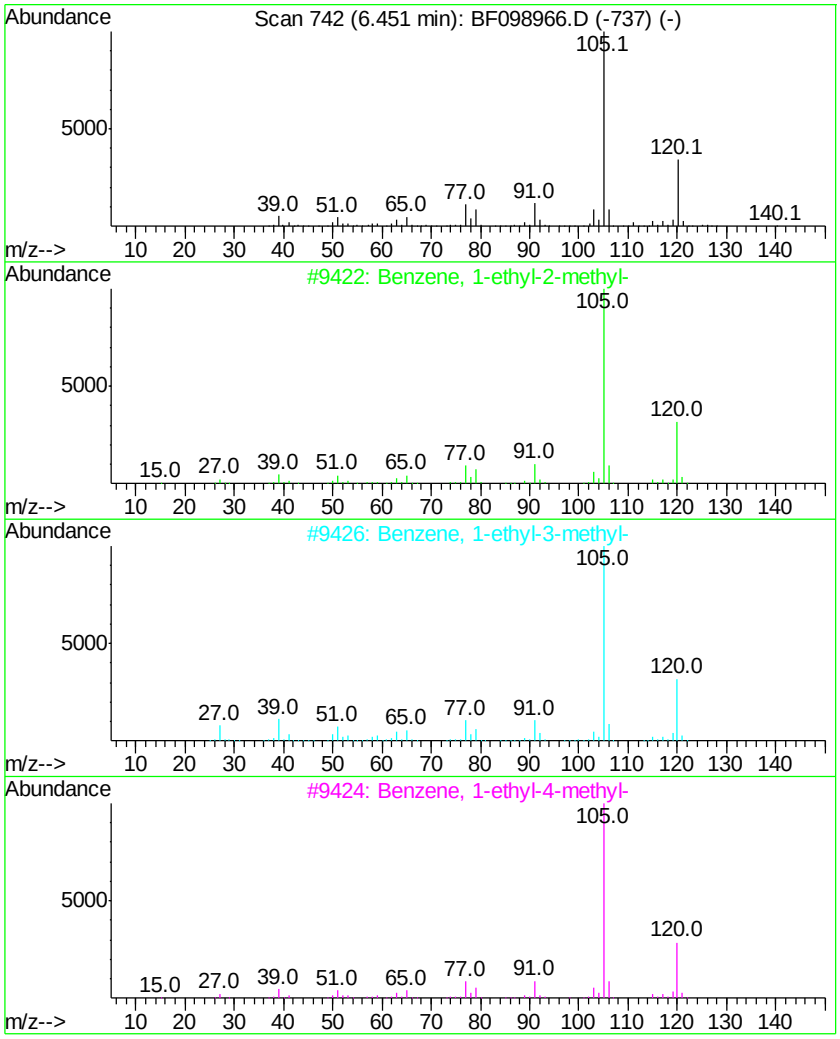
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

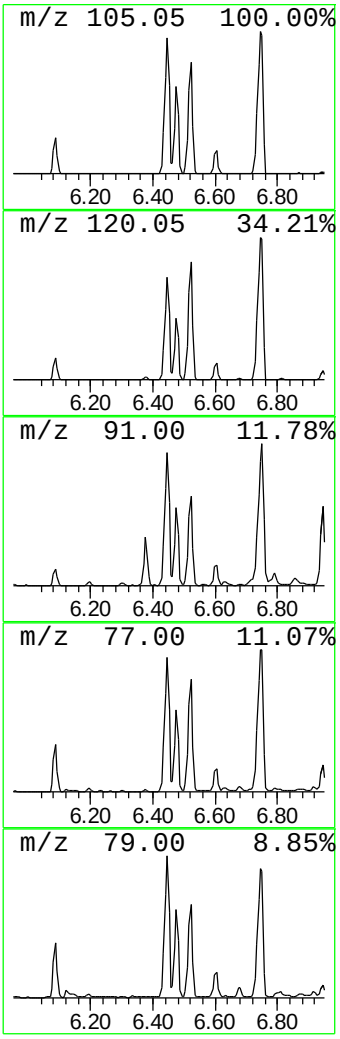
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	43.35 ng	4026350	1,4-Dichlorobenzene-d4	6.92

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-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

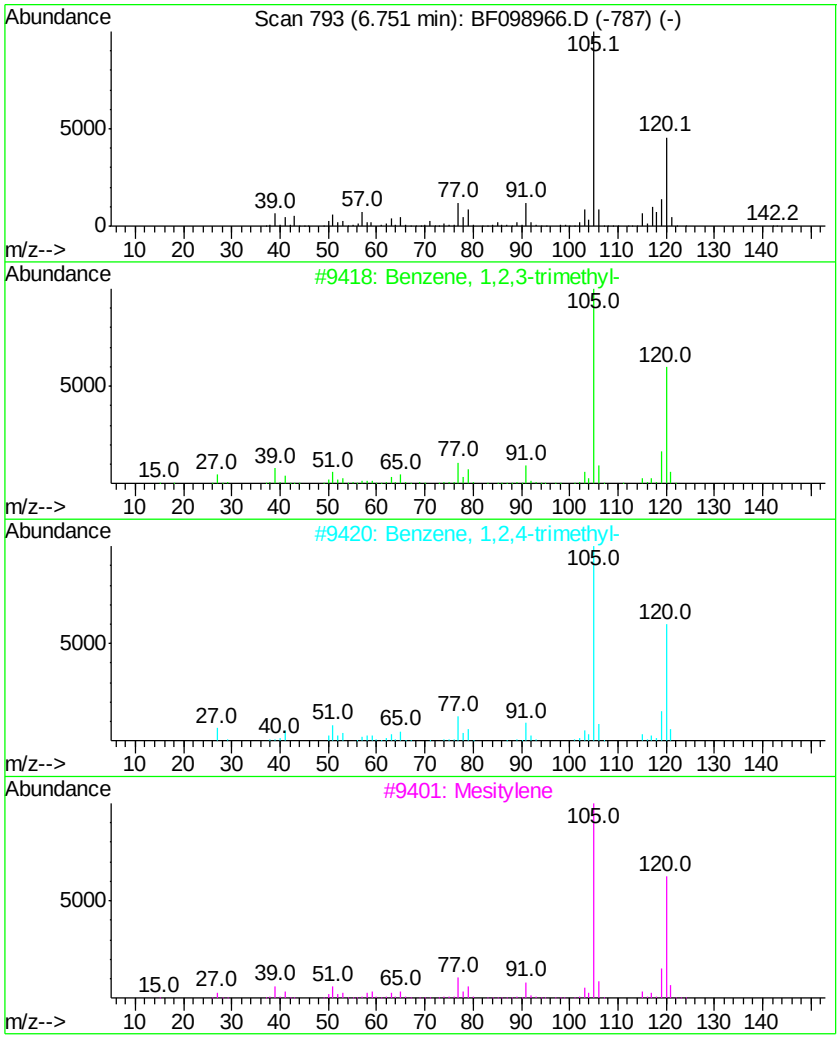
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

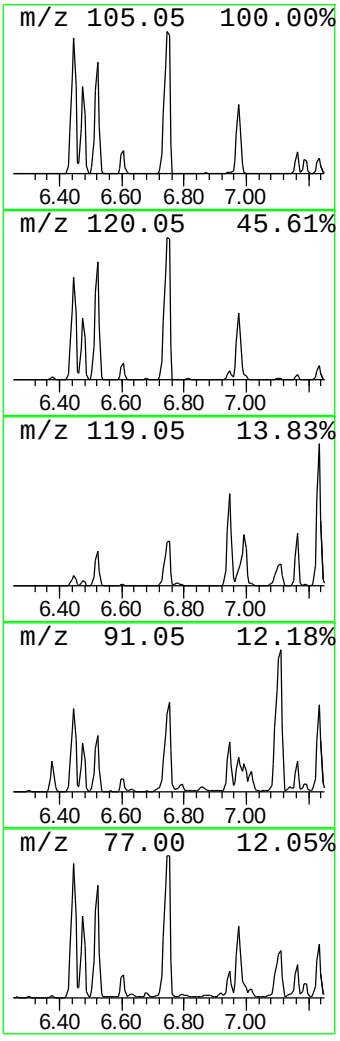
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	69.59 ng	6462810	1,4-Dichlorobenzene-d4	6.92

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	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

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Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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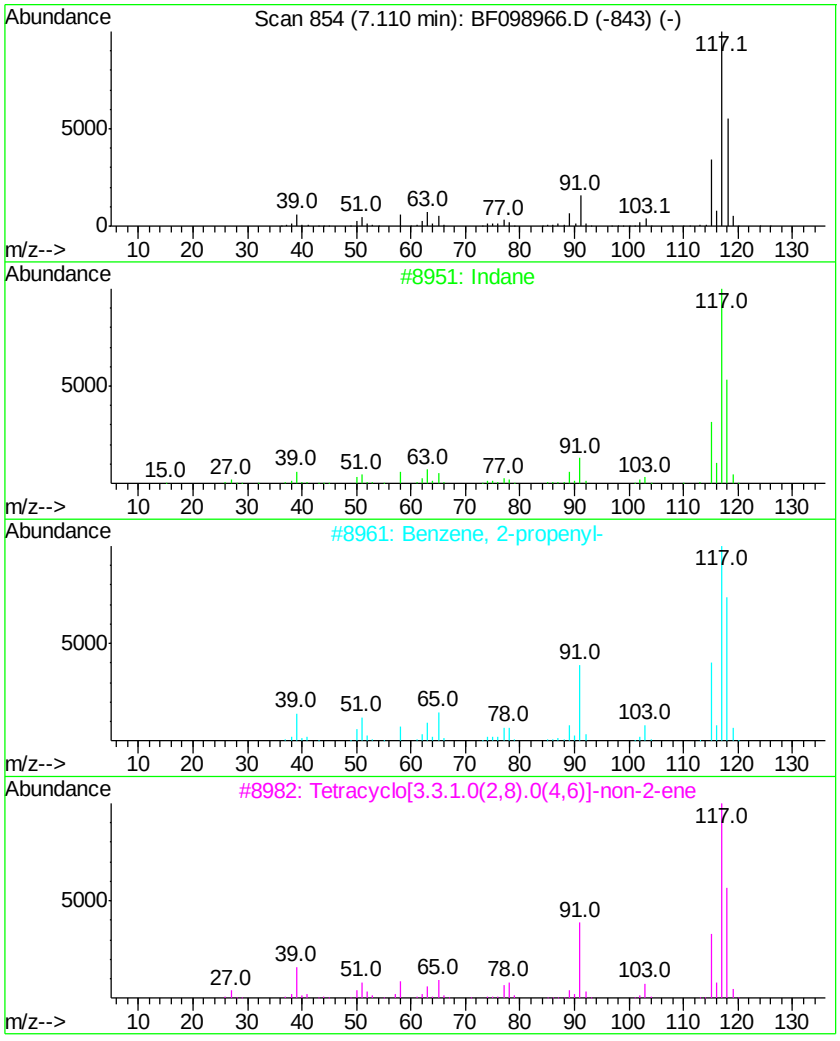
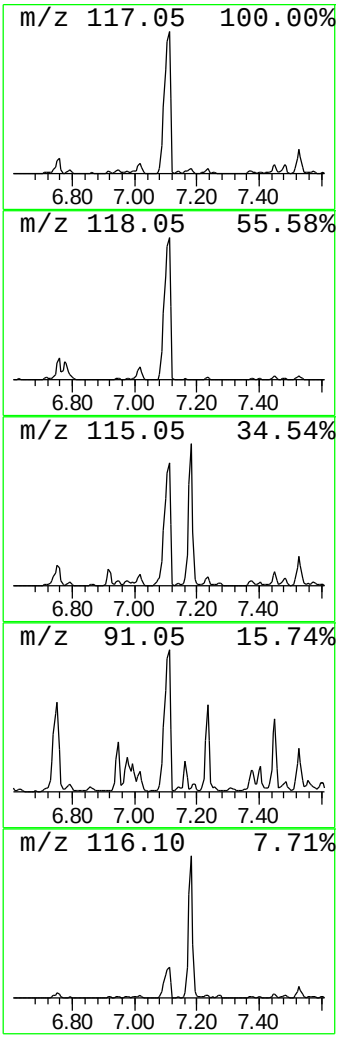
Peak Number 5 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	92.54 ng	8594750	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Deltacyclene	118	C9H10	007785-10-6	72





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Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

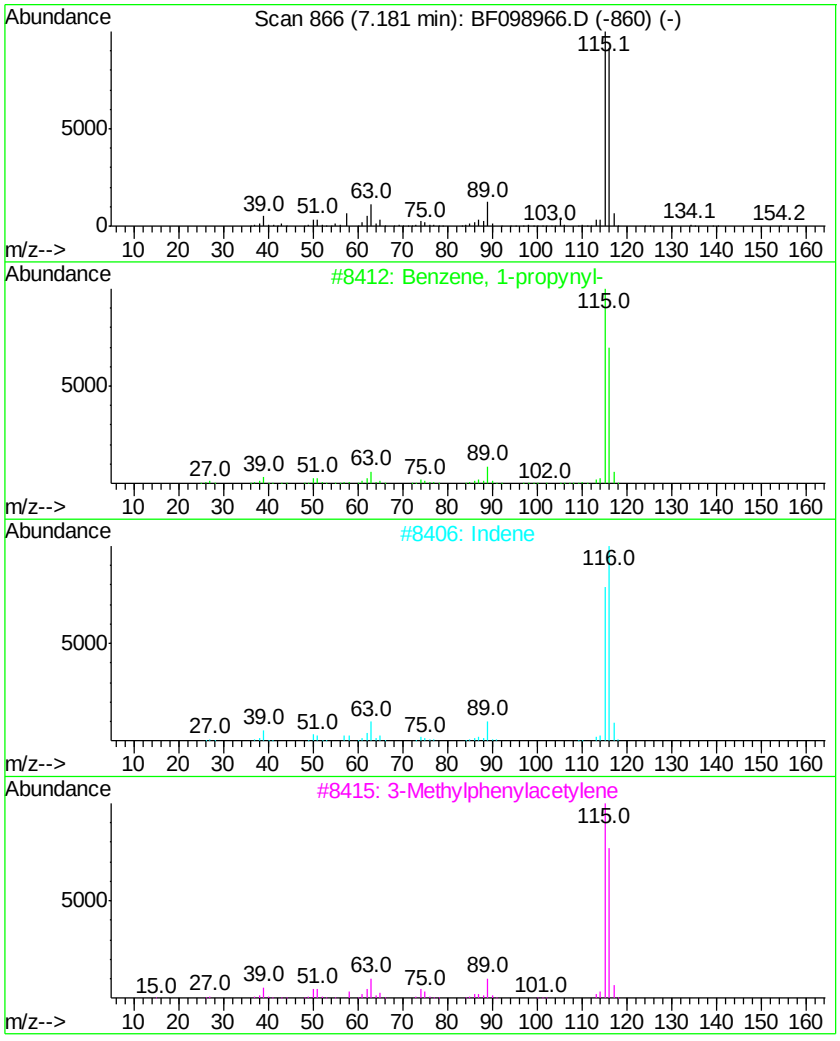
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

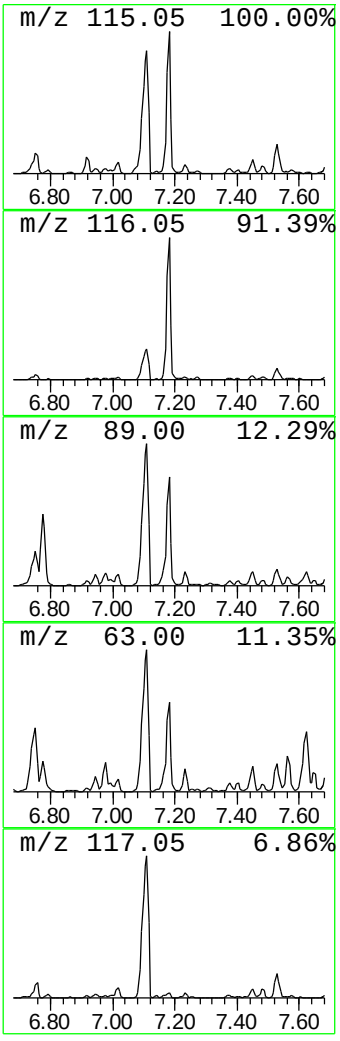
****

Peak Number 6 Benzene, 1-propynyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	34.15 ng	3171860	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Indene	116	C9H8	000095-13-6	93
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90





Library Search Compound Report

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Acq On : 30 Sep 2017 16:51
Operator : SJ/JU
Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

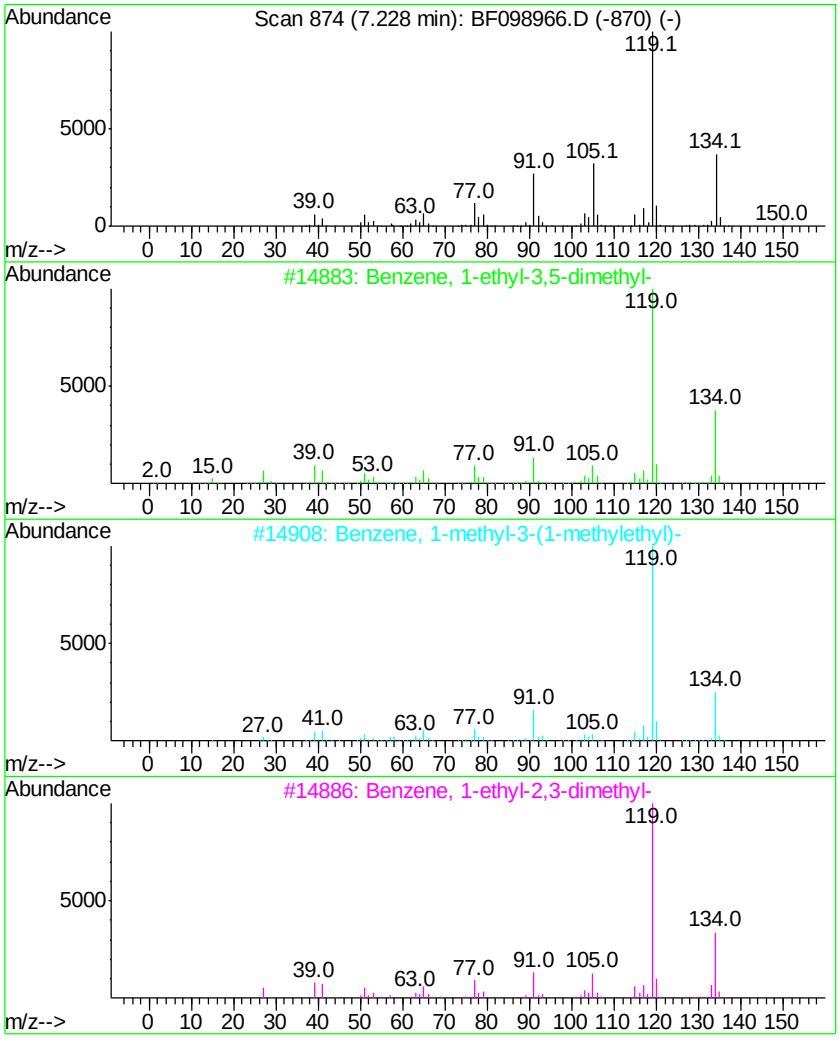
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

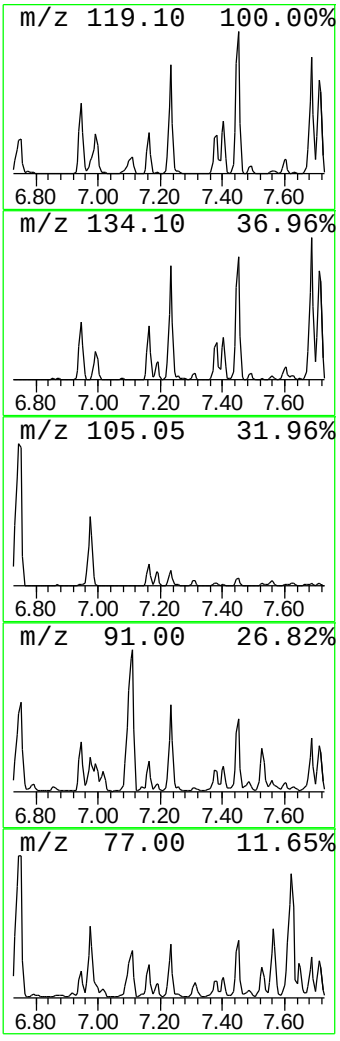
****

Peak Number 7 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	22.68 ng	2106440	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90





Library Search Compound Report

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Data File : BF098966.D
Acq On : 30 Sep 2017 16:51
Operator : SJ/JU
Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

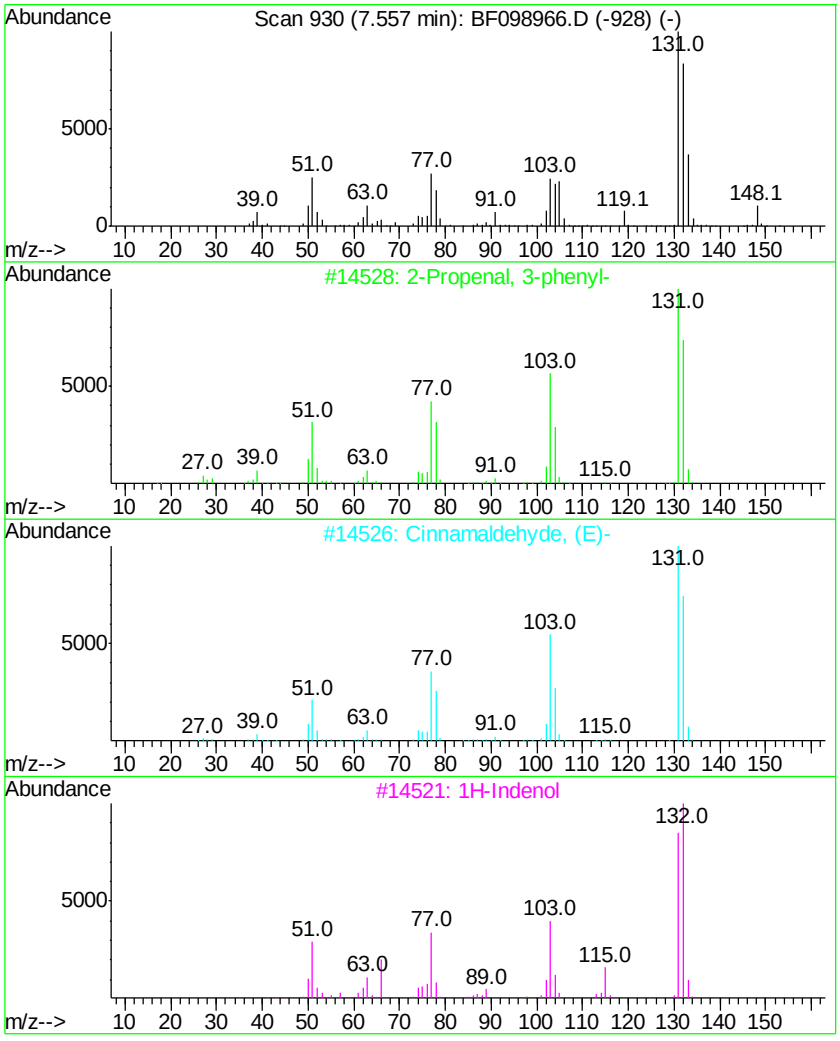
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

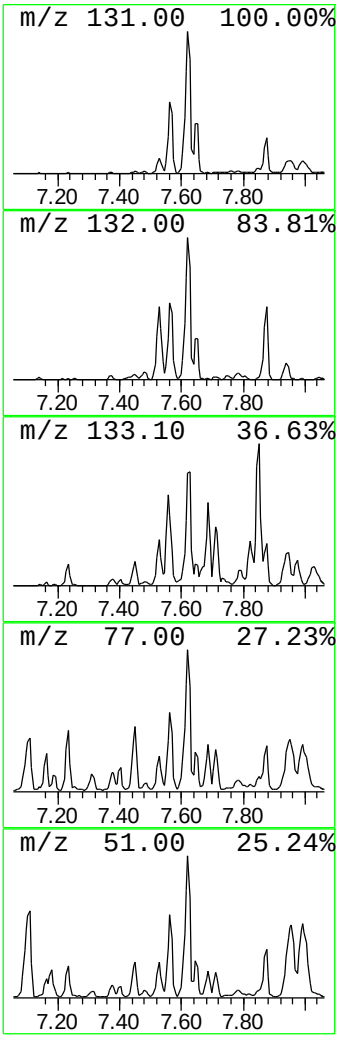
****

Peak Number 8 2-Propenal, 3-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	18.84 ng	1749900	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
3	1H-Indenol	132	C9H8O	056631-57-3	87
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	83





Library Search Compound Report

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Acq On : 30 Sep 2017 16:51
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Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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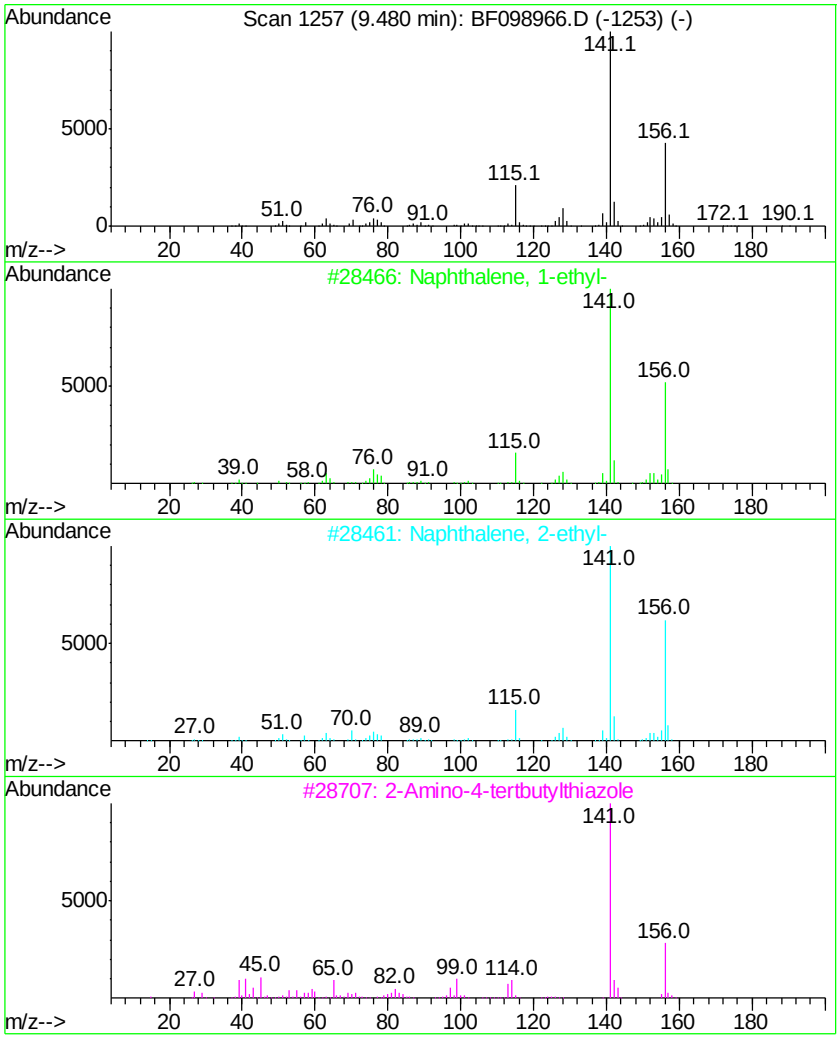
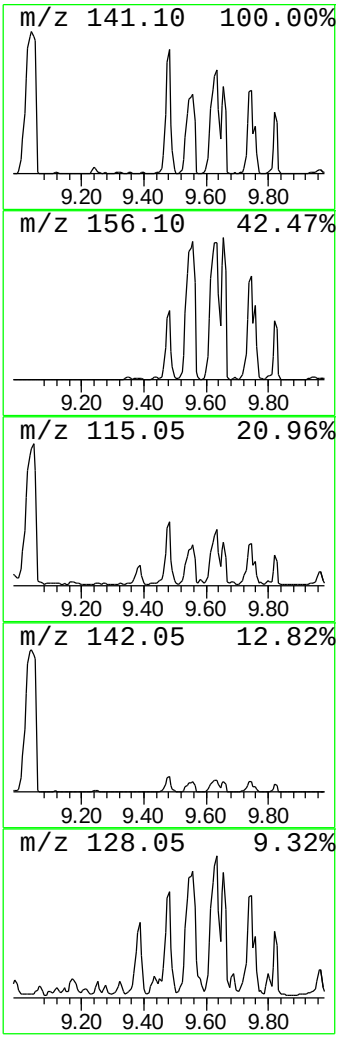
Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	22.40 ng	4789130	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
4	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53
5	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	53





Library Search Compound Report

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Operator : SJ/JU
Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

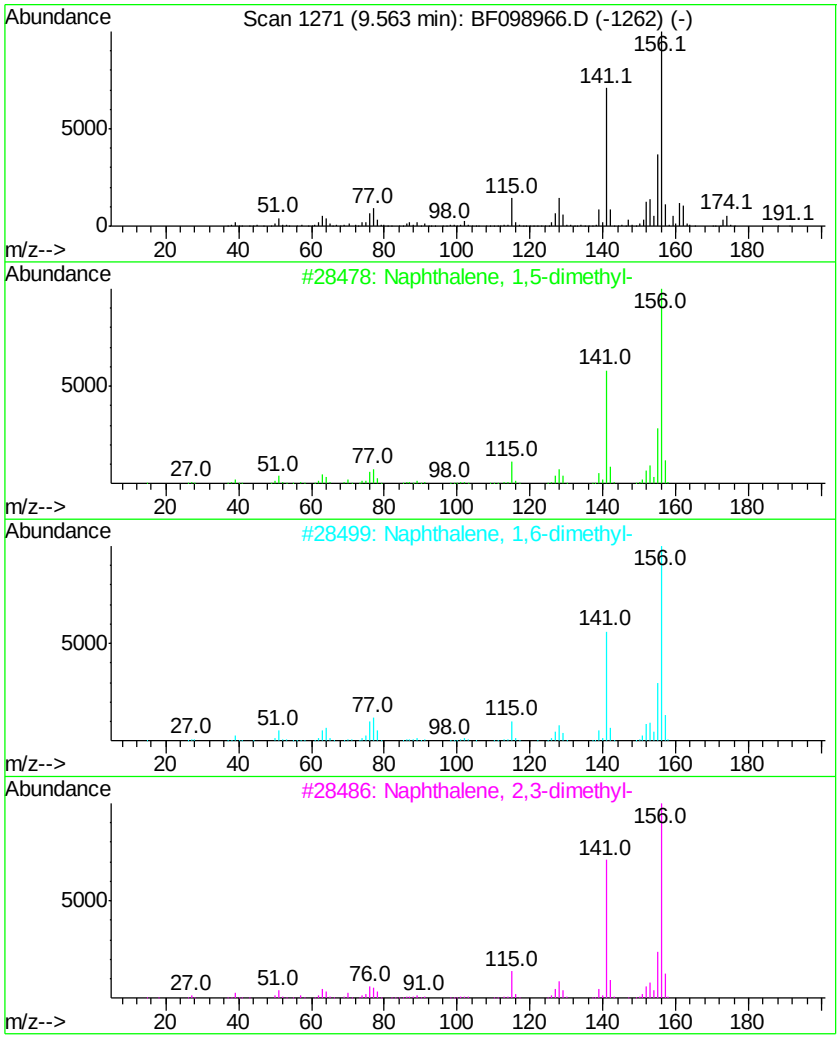
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

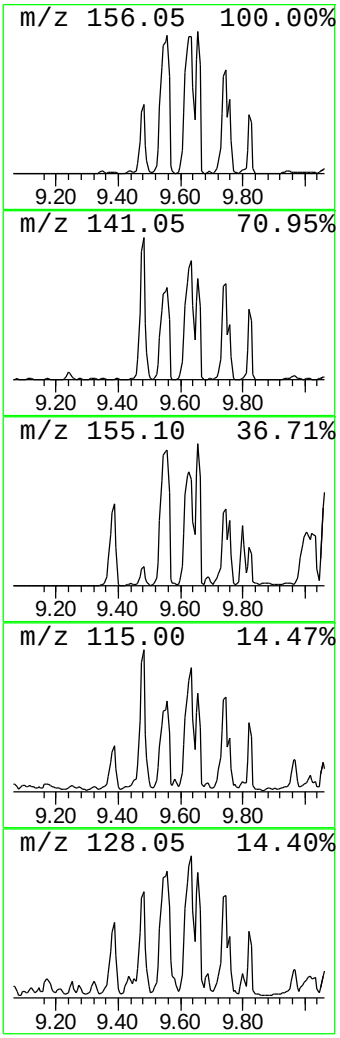
****

Peak Number 10 Naphthalene, 1,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	43.14 ng	9224470	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Acq On : 30 Sep 2017 16:51
Operator : SJ/JU
Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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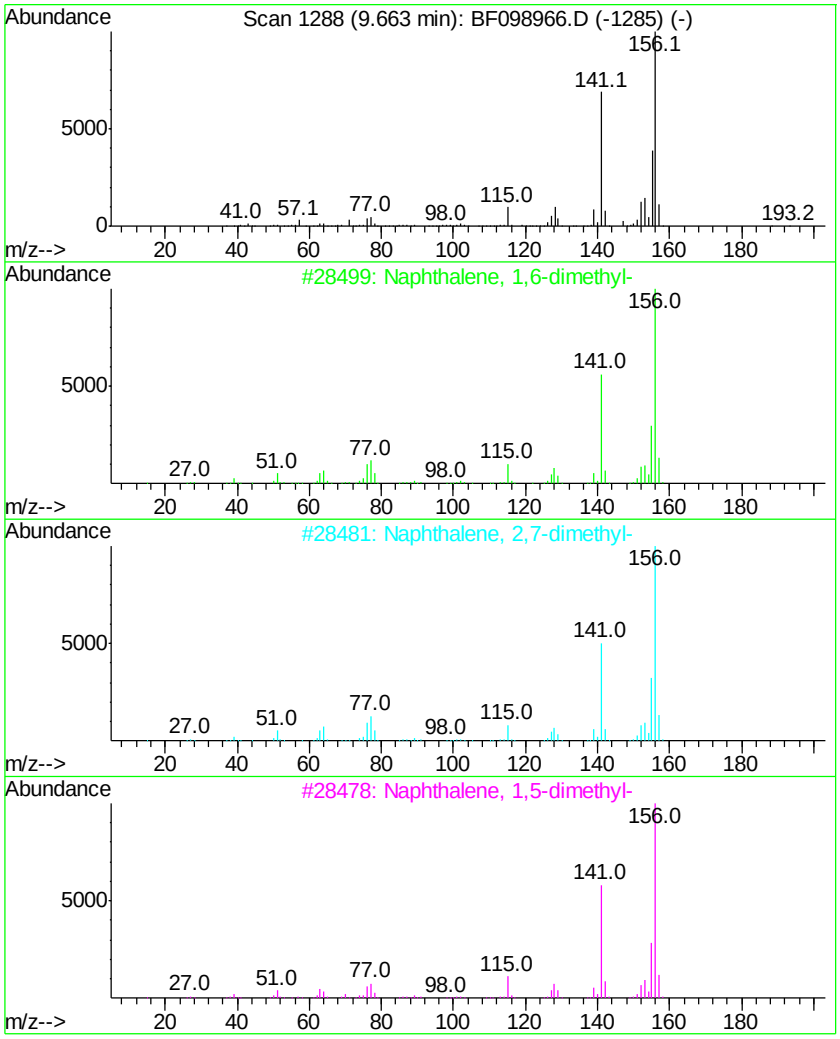
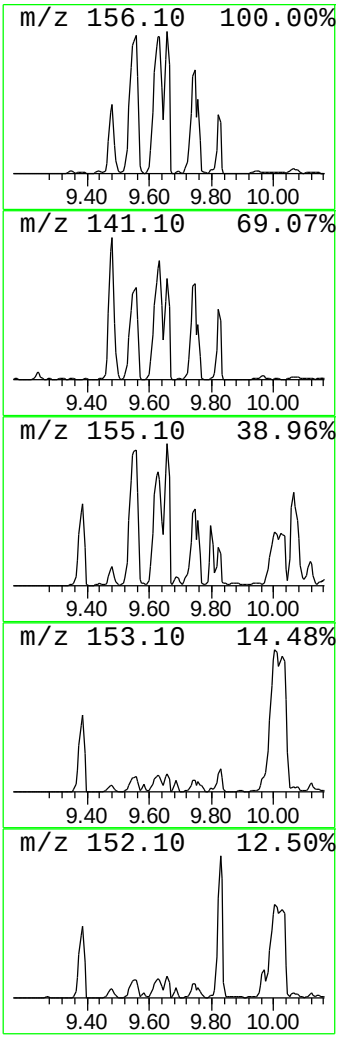
Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	20.01 ng	4279360	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Acq On : 30 Sep 2017 16:51
Operator : SJ/JU
Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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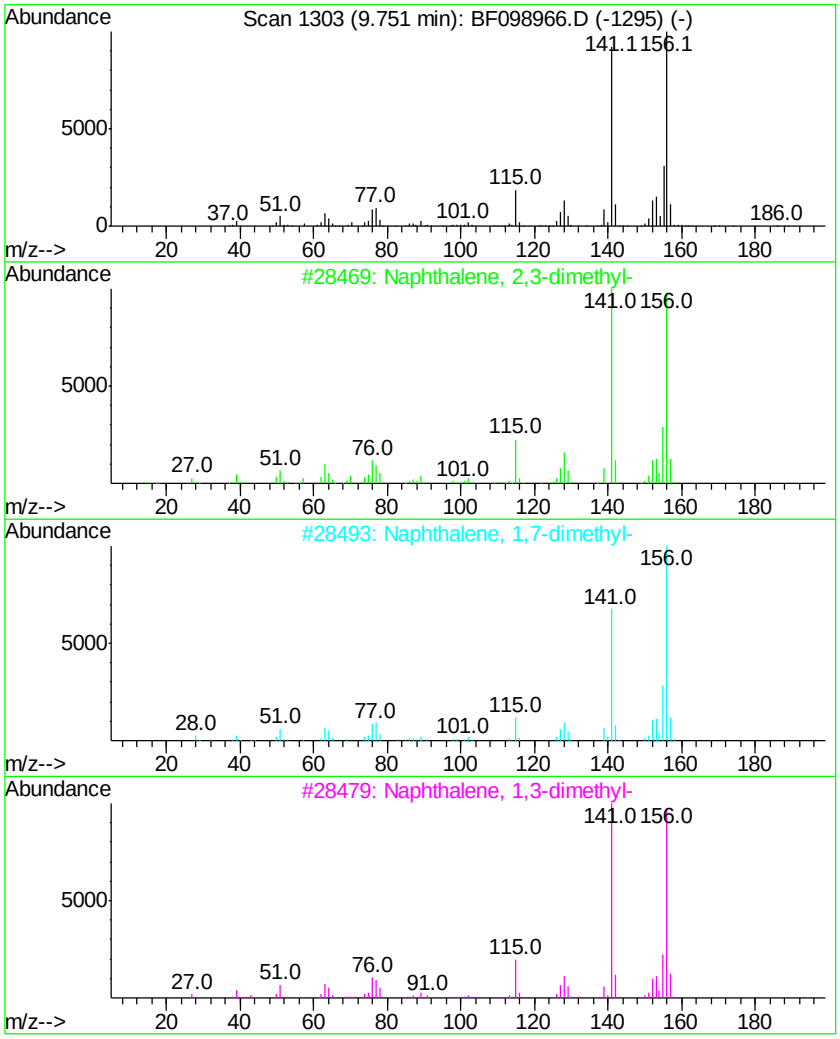
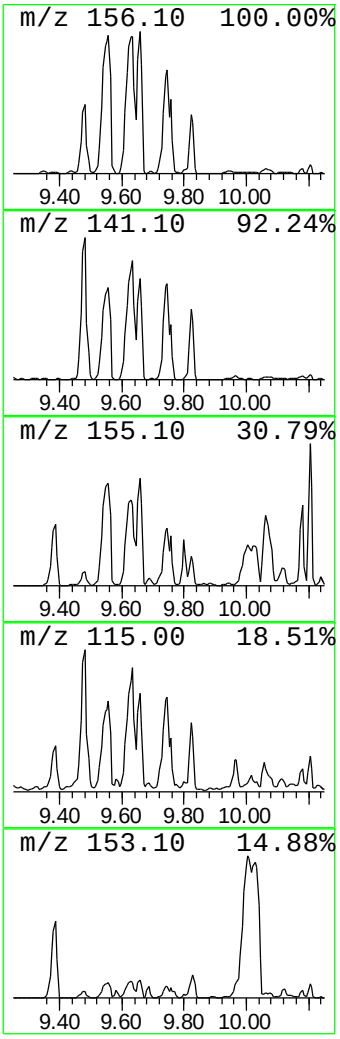
Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	29.81 ng	6374070	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Acq On : 30 Sep 2017 16:51
Operator : SJ/JU
Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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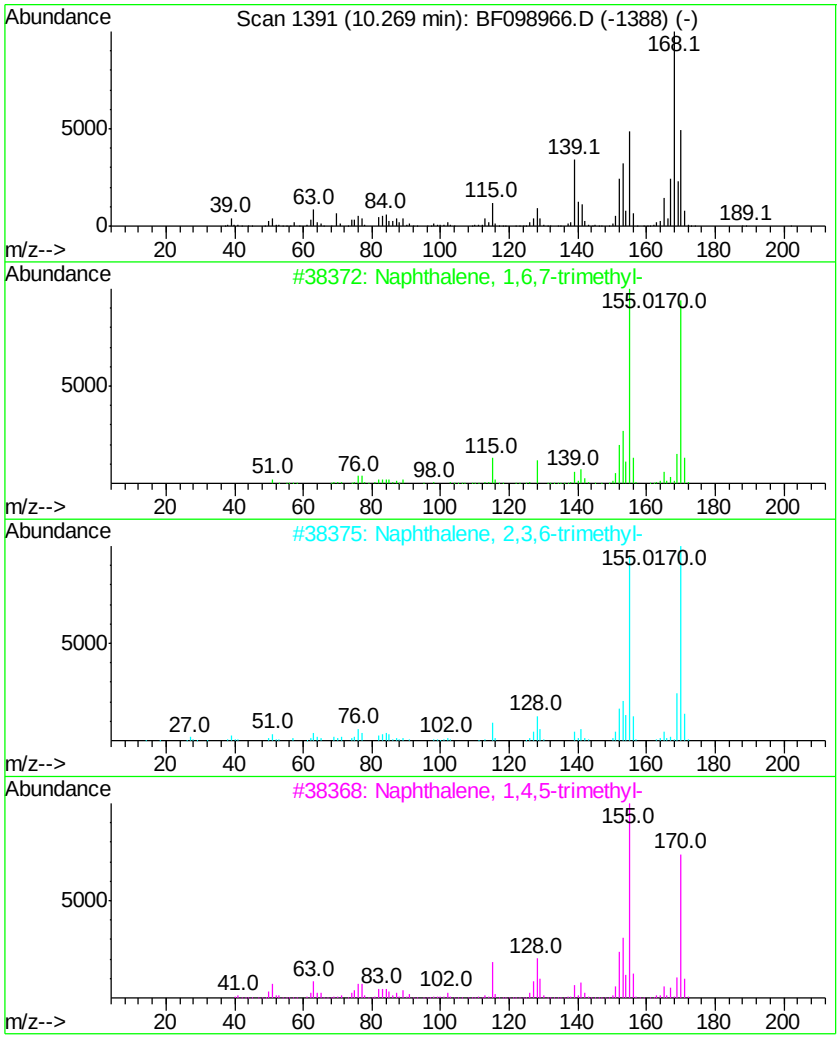
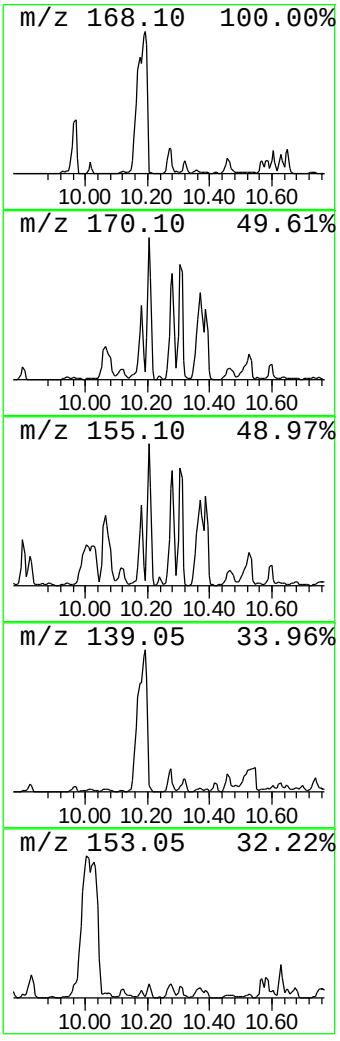
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	16.93 ng	3619560	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	74
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64





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Operator : SJ/JU
Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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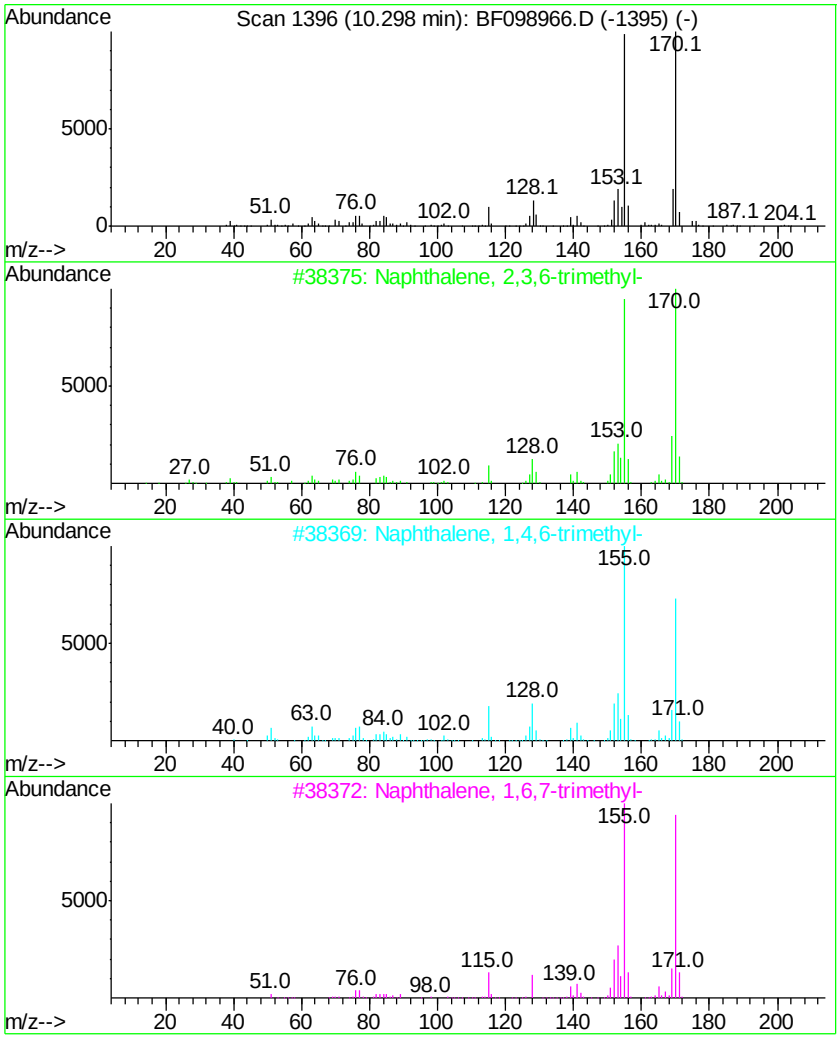
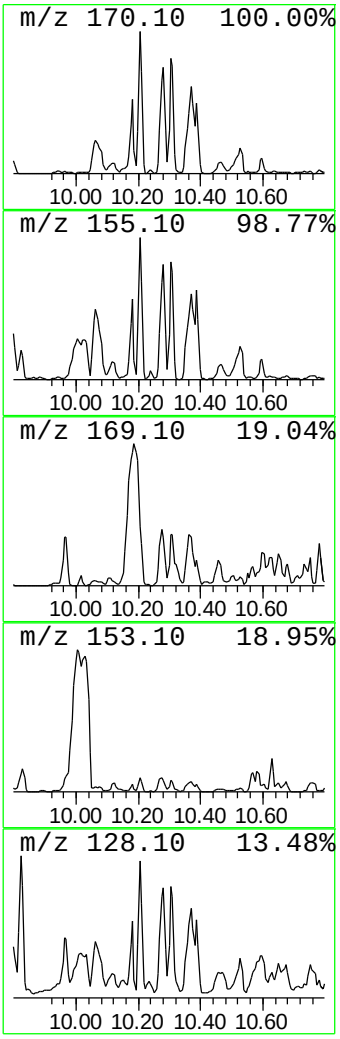
Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	11.93 ng	2550180	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91





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Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

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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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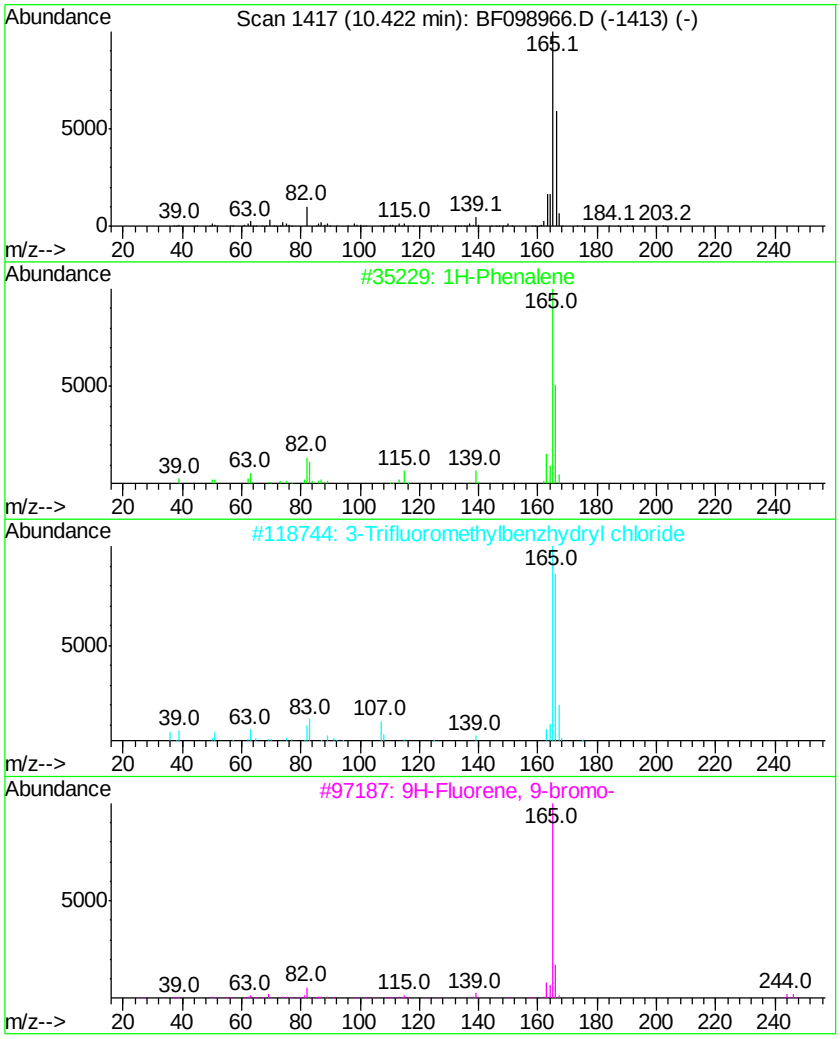
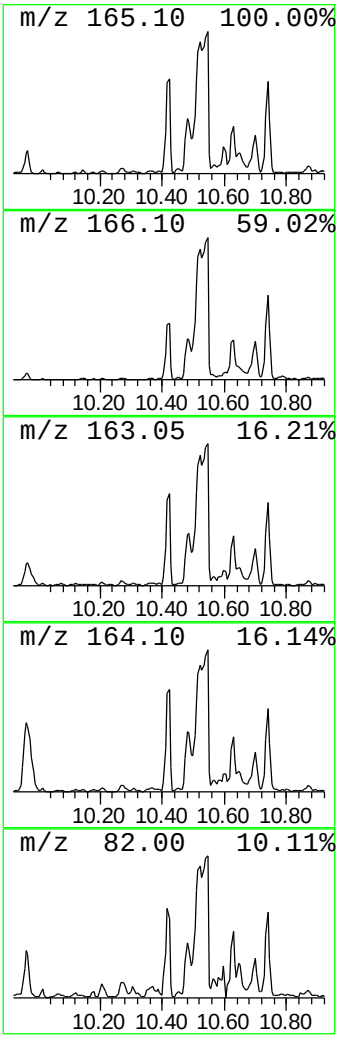
Peak Number 17 1H-Phenalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	11.98 ng	2561910	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	78
2	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	64
3	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	53
4	Fluorene	166	C13H10	000086-73-7	52
5	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	9





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Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
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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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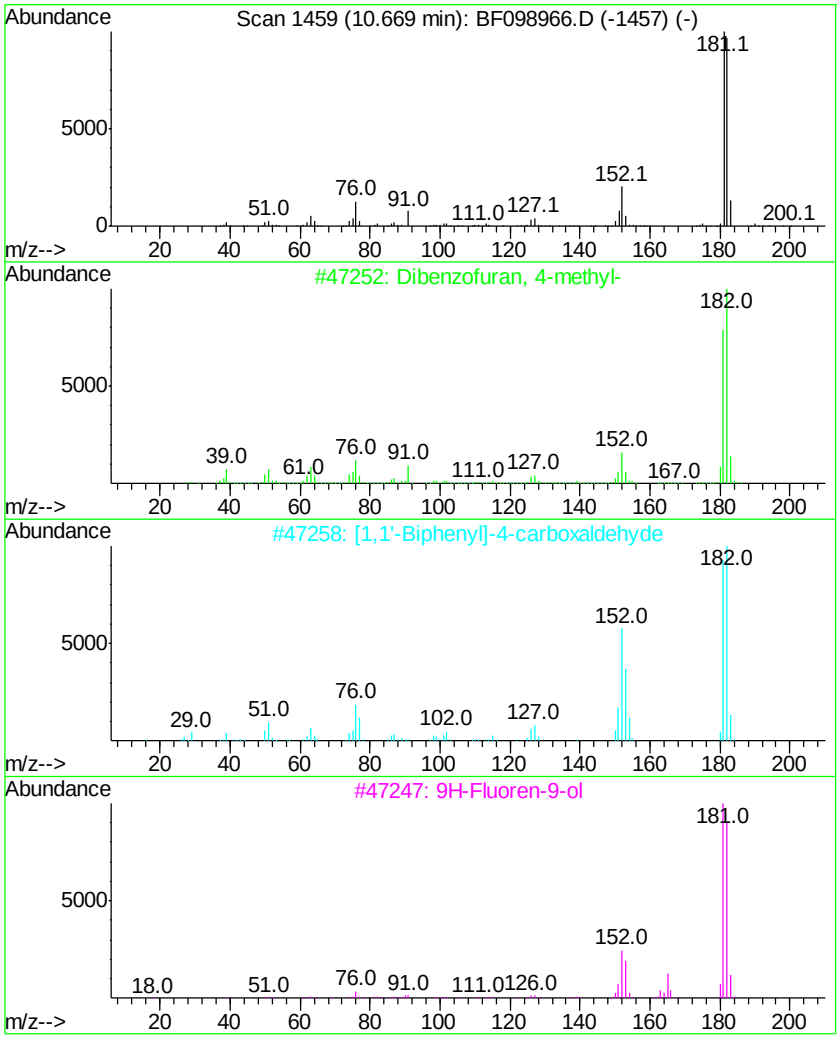
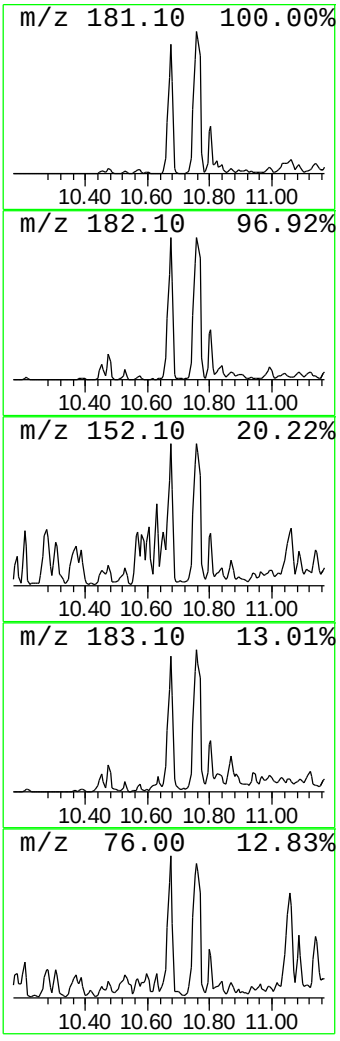
Peak Number 18 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	20.89 ng	4466500	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	72
5	9H-Xanthene	182	C13H10O	000092-83-1	64





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Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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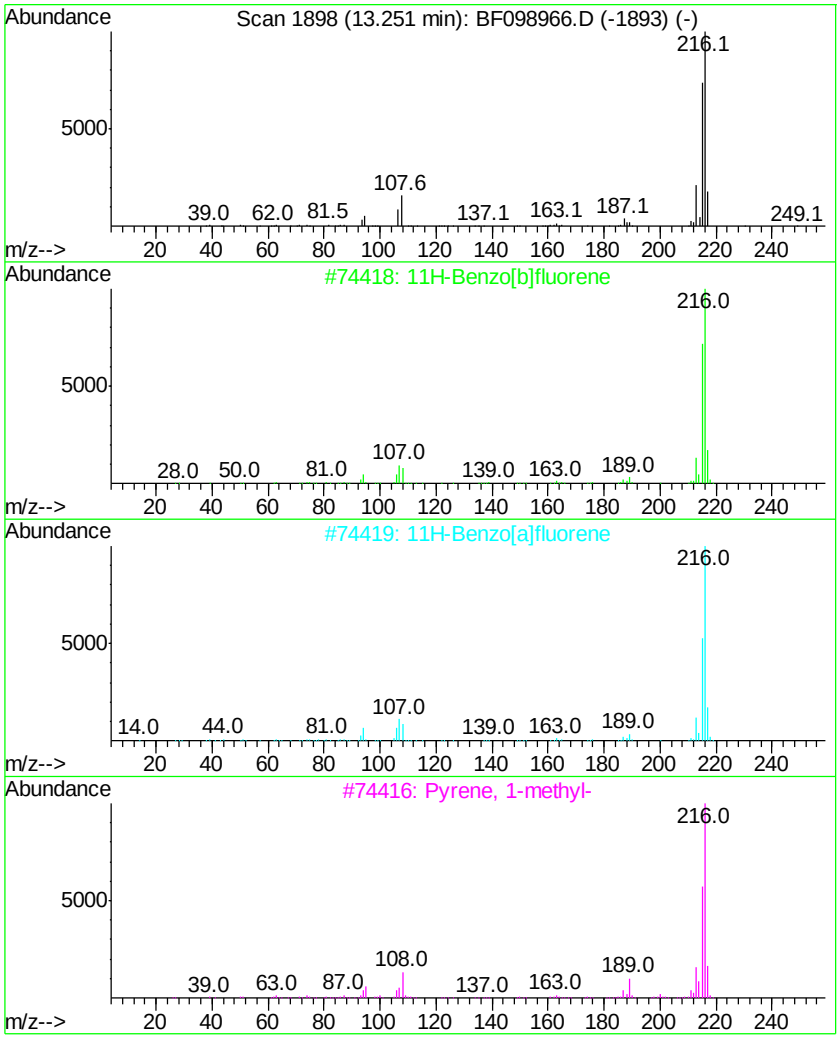
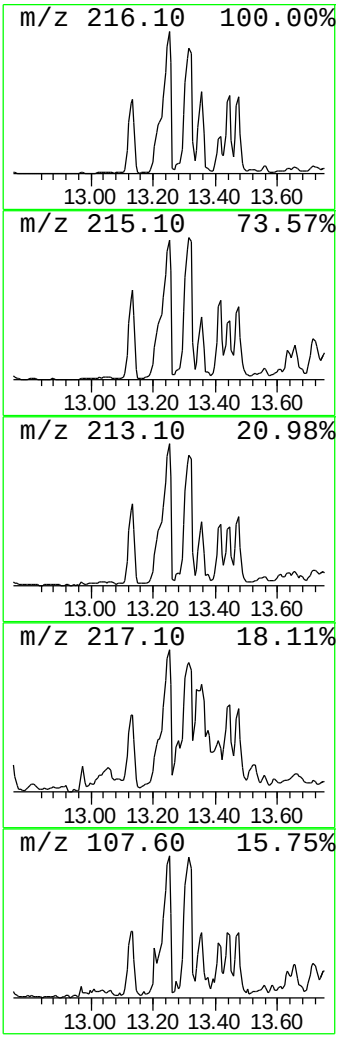
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	12.81 ng	6469550	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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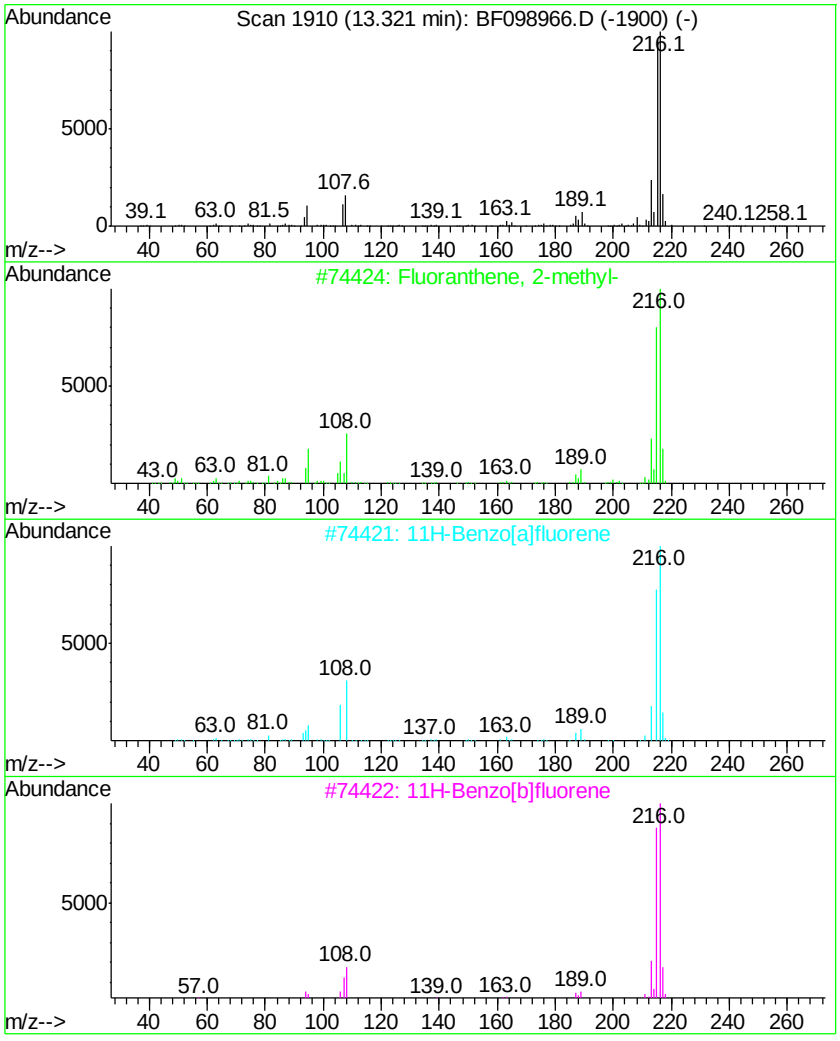
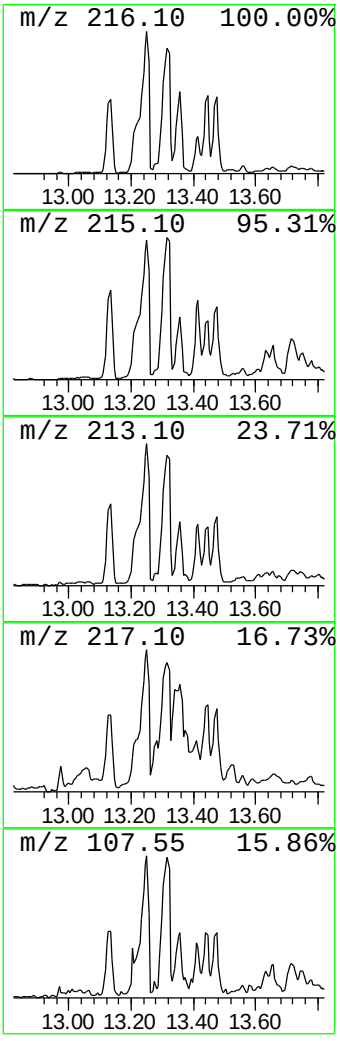
Peak Number 20 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	15.12 ng	7634910	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
Data File : BF098966.D
Acq On : 30 Sep 2017 16:51
Operator : SJ/JU
Sample : I5563-05 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-PH4-SB-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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, 1-ethyl-...	6.45	43.4	ng	4026350	1	6.92	1857510	20.0
Benzene, 1,2,3-tr...	6.75	69.6	ng	6462810	1	6.92	1857510	20.0
Indane	7.11	92.5	ng	8594750	1	6.92	1857510	20.0
Benzene, 1-propynyl-	7.18	34.1	ng	3171860	1	6.92	1857510	20.0
Benzene, 1-ethyl-...	7.23	22.7	ng	2106440	1	6.92	1857510	20.0
2-Propenal, 3-phe...	7.56	18.8	ng	1749900	1	6.92	1857510	20.0
Naphthalene, 1-et...	9.48	22.4	ng	4789130	3	9.96	4276190	20.0
Naphthalene, 1,5-...	9.56	43.1	ng	9224470	3	9.96	4276190	20.0
Naphthalene, 1,6-...	9.66	20.0	ng	4279360	3	9.96	4276190	20.0
Naphthalene, 2,3-...	9.75	29.8	ng	6374070	3	9.96	4276190	20.0
Naphthalene, 1,6,...	10.27	16.9	ng	3619560	3	9.96	4276190	20.0
Naphthalene, 2,3,...	10.30	11.9	ng	2550180	3	9.96	4276190	20.0
1H-Phenalene	10.42	12.0	ng	2561910	3	9.96	4276190	20.0
Dibenzofuran, 4-m...	10.67	20.9	ng	4466500	3	9.96	4276190	20.0
11H-Benzo[b]fluorene	13.25	12.8	ng	6469550	5	14.14	10099500	20.0
Fluoranthene, 2-m...	13.32	15.1	ng	7634910	5	14.14	10099500	20.0