LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108084.D
Acq On : 10 Aug 2018 15:22
Operator : JU/SJ
Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

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-BF080818.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	5.625	555	559	566	rVB	771677	725648	2.91%	0.274%
2	6.619	725	728	733	rVB	981637	789341	3.16%	0.298%
3	6.778	751	755	759	rVB	946751	749879	3.01%	0.283%
4	7.013	792	795	799	rBV	1899649	1772461	7.10%	0.668%
5	7.172	816	822	824	rBV	676984	609059	2.44%	0.230%
6	7.572	887	890	896	rVB2	580501	544362	2.18%	0.205%
7	8.301	1009	1014	1016	rBV	2573539	2536569	10.17%	0.956%
8	8.325	1016	1018	1020	rVV	4005884	2991044	11.99%	1.128%
9	9.013	1132	1135	1139	rBV	1195044	931114	3.73%	0.351%
10	9.119	1147	1153	1156	rBV	4491479	4291278	17.20%	1.618%
11	9.372	1192	1196	1200	rBV	1090075	865448	3.47%	0.326%
12	9.477	1210	1214	1218	rVB	3756005	3101240	12.43%	1.169%
13	9.577	1224	1231	1236	rVB	4389191	4393588	17.61%	1.657%
14	9.648	1236	1243	1246	rBV	2108868	2940927	11.79%	1.109%
15	9.719	1250	1255	1258	rBV	3133843	3259224	13.06%	1.229%
16	9.748	1258	1260	1262	rVB	841727	646385	2.59%	0.244%
17	9.836	1270	1275	1280	rBV	1674593	1790972	7.18%	0.675%
18	9.925	1287	1290	1294	rVB2	1951009	1708224	6.85%	0.644%
19	10.042	1307	1310	1312	rBV	1267999	1187027	4.76%	0.448%
20	10.066	1312	1314	1317	rVV2	2183548	2334247	9.35%	0.880%
21	10.113	1317	1322	1325	rVV	12158972	14779155	59.23%	5.573%
22	10.160	1327	1330	1335	rBV	901260	1224047	4.91%	0.462%
23	10.266	1344	1348	1352	rVV2	2122578	2604679	10.44%	0.982%
24	10.301	1352	1354	1358	rVB	962468	847600	3.40%	0.320%
25	10.377	1363	1367	1370	rBV2	870825	1094353	4.39%	0.413%
26	10.407	1370	1372	1378	rVB2	886941	913103	3.66%	0.344%
27	10.472	1378	1383	1385	rBV2	645414	902141	3.62%	0.340%
28	10.519	1388	1391	1393	rBV	760540	653168	2.62%	0.246%
29	10.589	1400	1403	1405	rVV	867523	821202	3.29%	0.310%
30	10.619	1405	1408	1412	rVV	7110005	7329034	29.37%	2.764%
31	10.666	1412	1416	1418	rVV	1404972	1224968	4.91%	0.462%
32	10.701	1418	1422	1424	rVV3	1283473	1539100	6.17%	0.580%
33	10.730	1424	1427	1429	rVV	1226177	1312628	5.26%	0.495%
34	10.754	1429	1431	1432	rVV	1197559	1034153	4.14%	0.390%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.772	1432	1434	1436	rVV	1144343	966770	3.87%	0.365%
36	10.848	1441	1447	1452	rBV2	1575386	2636099	10.56%	0.994%
37	10.972	1464	1468	1474	rVB4	587620	894807	3.59%	0.337%
38	11.166	1496	1501	1503	rBV	1588680	1821169	7.30%	0.687%
39	11.195	1503	1506	1508	rVV	742880	654631	2.62%	0.247%
40	11.248	1512	1515	1518	rVV	827776	761250	3.05%	0.287%
41	11.289	1518	1522	1524	rVV4	430674	568739	2.28%	0.214%
42	11.313	1524	1526	1530	rVV3	638334	809056	3.24%	0.305%
43	11.366	1533	1535	1538	rVV	736478	663674	2.66%	0.250%
44	11.407	1538	1542	1545	rVV3	450237	609654	2.44%	0.230%
45	11.460	1545	1551	1559	rVB	2970627	3194183	12.80%	1.204%
46	11.607	1565	1576	1579	rBV2	14479061	24953382	100.00%	9.409%
47	11.654	1579	1584	1587	rBV	8944565	8582078	34.39%	3.236%
48	11.860	1616	1619	1622	rBV	1348262	1183555	4.74%	0.446%
49	11.895	1622	1625	1630	rVB2	890649	835655	3.35%	0.315%
50	11.977	1635	1639	1643	rVB	504373	597025	2.39%	0.225%
51	12.066	1651	1654	1657	rBV	3229489	3267917	13.10%	1.232%
52	12.095	1657	1659	1663	rVV	3891146	3536645	14.17%	1.334%
53	12.148	1664	1668	1670	rVV	1764208	1723703	6.91%	0.650%
54	12.189	1670	1675	1681	rVB2	5775218	8120152	32.54%	3.062%
55	12.360	1701	1704	1708	rVB	3364755	3035013	12.16%	1.144%
56	12.513	1724	1730	1733	rBV2	721839	854811	3.43%	0.322%
57	12.618	1742	1748	1751	rBV	1470028	1919827	7.69%	0.724%
58	12.660	1751	1755	1757	rVV2	1016944	1450981	5.81%	0.547%
59	12.677	1757	1758	1761	rVV	934153	668386	2.68%	0.252%
60	12.801	1773	1779	1781	rBV	10986539	13614281	54.56%	5.134%
61	12.824	1781	1783	1786	rVV2	1225557	1150610	4.61%	0.434%
62	12.883	1790	1793	1797	rVV	4308073	4221572	16.92%	1.592%
63	12.942	1800	1803	1804	rBV	616454	543854	2.18%	0.205%
64	12.960	1804	1806	1810	rVB	698705	724491	2.90%	0.273%
65	13.036	1811	1819	1822	rBV	11691177	17342317	69.50%	6.539%
66	13.066	1822	1824	1828	rVB2	548091	617915	2.48%	0.233%
67	13.148	1836	1838	1840	rVV	743606	643757	2.58%	0.243%
68	13.230	1848	1852	1856	rBV3	1015811	1535994	6.16%	0.579%
69	13.324	1864	1868	1869	rVV3	981498	1333108	5.34%	0.503%
70	13.342	1869	1871	1875	rVB	2897678	2842673	11.39%	1.072%
71	13.413	1880	1883	1886	rVV	3023335	2788722	11.18%	1.052%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.454	1886	1890	1892	rVV2	1764888	1894142	7.59%	0.714%
73	13.518	1897	1901	1903	rVV	1389452	1543567	6.19%	0.582%
74	13.548	1903	1906	1908	rVV	1261343	1378632	5.52%	0.520%
75	13.577	1908	1911	1916	rVB	1932055	1933173	7.75%	0.729%
76	13.824	1950	1953	1957	rBV	395336	658592	2.64%	0.248%
77	13.971	1975	1978	1980	rVV	886695	912937	3.66%	0.344%
78	13.995	1980	1982	1984	rVV	1752841	1601451	6.42%	0.604%
79	14.024	1984	1987	1989	rVV	1759756	1667172	6.68%	0.629%
80	14.218	2015	2020	2023	rBV2	8500691	11151062	44.69%	4.205%
81	14.254	2023	2026	2030	rVB	6059013	5962357	23.89%	2.248%
82	14.330	2037	2039	2043	rBV2	914717	944222	3.78%	0.356%
83	14.571	2077	2080	2082	rVV2	488111	624126	2.50%	0.235%
84	14.607	2083	2086	2090	rVV2	1428939	1720826	6.90%	0.649%
85	14.642	2090	2092	2096	rVB	688729	574357	2.30%	0.217%
86	14.707	2096	2103	2106	rBV3	778596	1449607	5.81%	0.547%
87	14.742	2106	2109	2110	rVV	769761	737757	2.96%	0.278%
88	14.765	2110	2113	2118	rVV	1596089	1813201	7.27%	0.684%
89	14.812	2118	2121	2126	rVB2	595400	720503	2.89%	0.272%
90	15.330	2202	2209	2211	rBV	3575590	6540835	26.21%	2.466%
91	15.442	2223	2228	2232	rVB	1443227	1837593	7.36%	0.693%
92	15.659	2259	2265	2271	rVB	2699548	4045938	16.21%	1.526%
93	15.736	2271	2278	2282	rBV	4793701	7190988	28.82%	2.711%
94	15.795	2282	2288	2291	rVV	1217881	1904488	7.63%	0.718%
95	15.830	2291	2294	2299	rVB	1107590	1371612	5.50%	0.517%
96	16.012	2316	2325	2335	rVB2	309595	1111718	4.46%	0.419%
97	16.406	2388	2392	2402	rVB2	621675	1101654	4.41%	0.415%
98	17.418	2556	2564	2572	rVB2	1323702	2962771	11.87%	1.117%
99	17.918	2641	2649	2660	rVB	1078399	2453619	9.83%	0.925%
100	18.177	2686	2693	2703	rVB	574608	1278701	5.12%	0.482%

Sum of corrected areas: 265203425

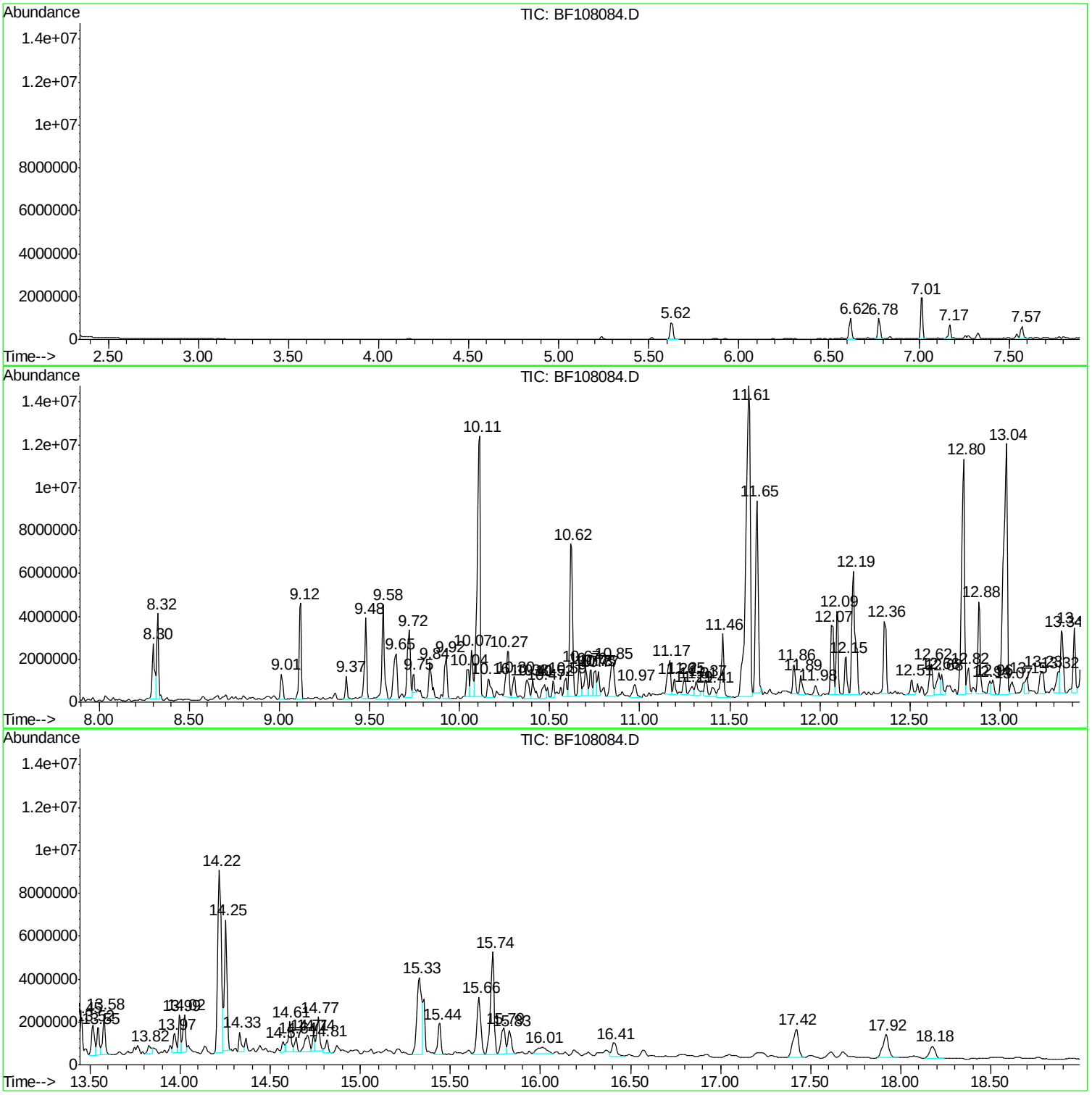
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108084.D
Acq On : 10 Aug 2018 15:22
Operator : JU/SJ
Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108084.D
Acq On : 10 Aug 2018 15:22
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

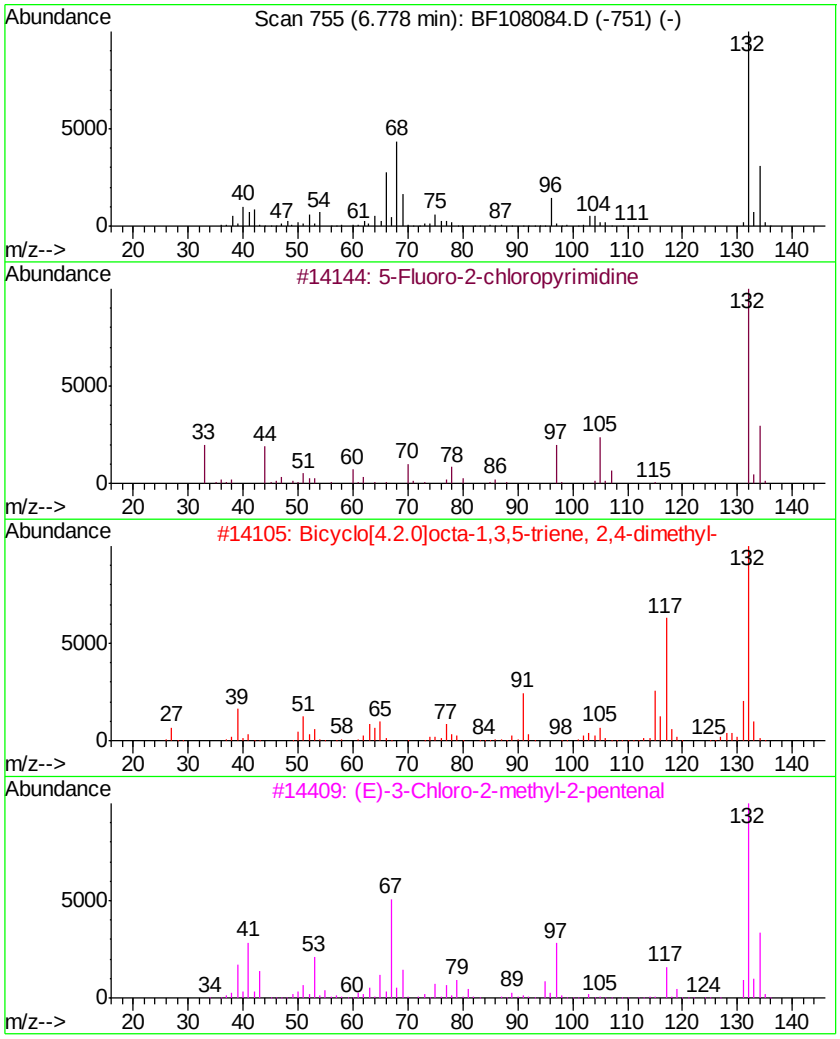
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

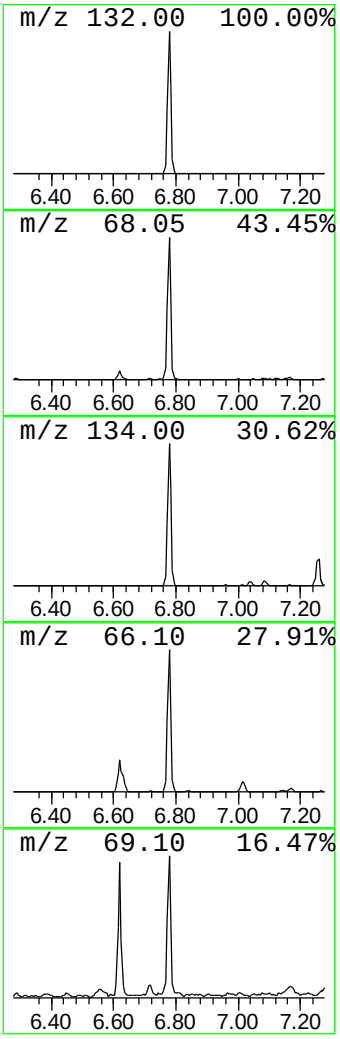
****

Peak Number 1 unknown6.78 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	8.46 ng	749879	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108084.D
Acq On : 10 Aug 2018 15:22
Operator : JU/SJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

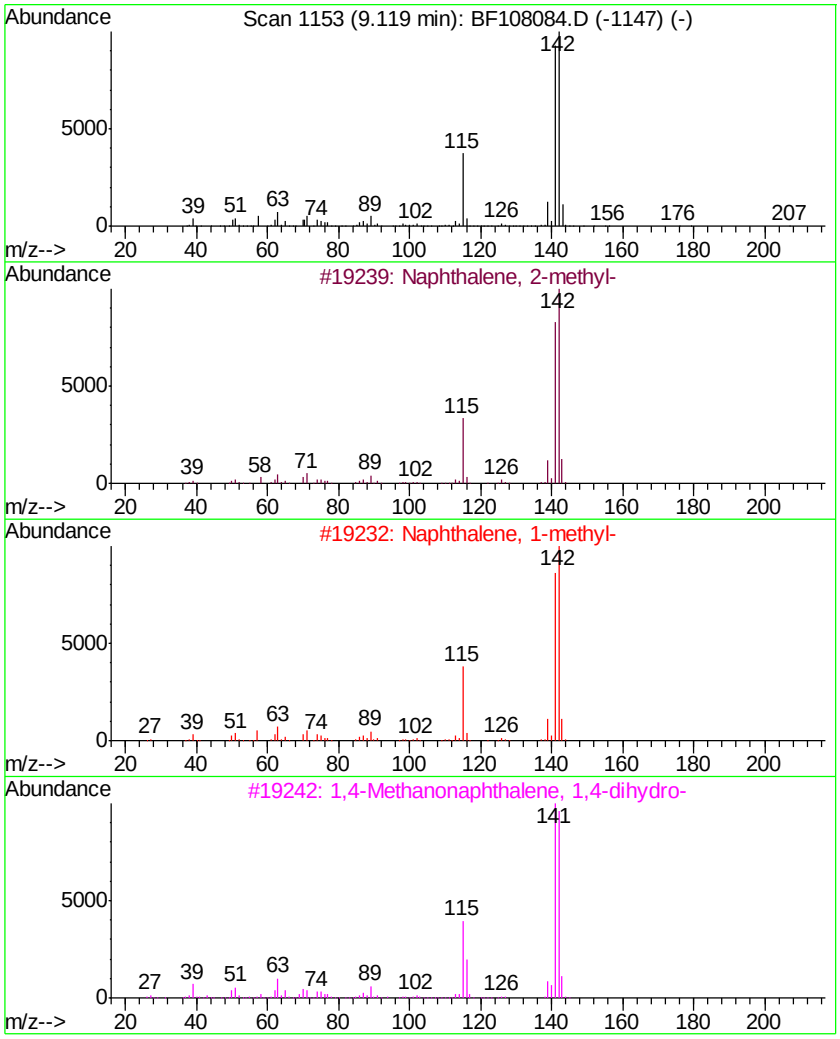
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

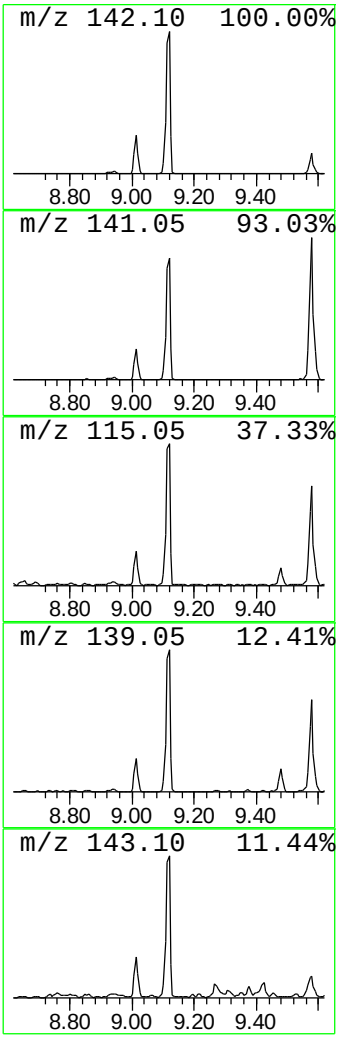
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	33.84 ng	4291280	Naphthalene-d8	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Instrument : BNA_F
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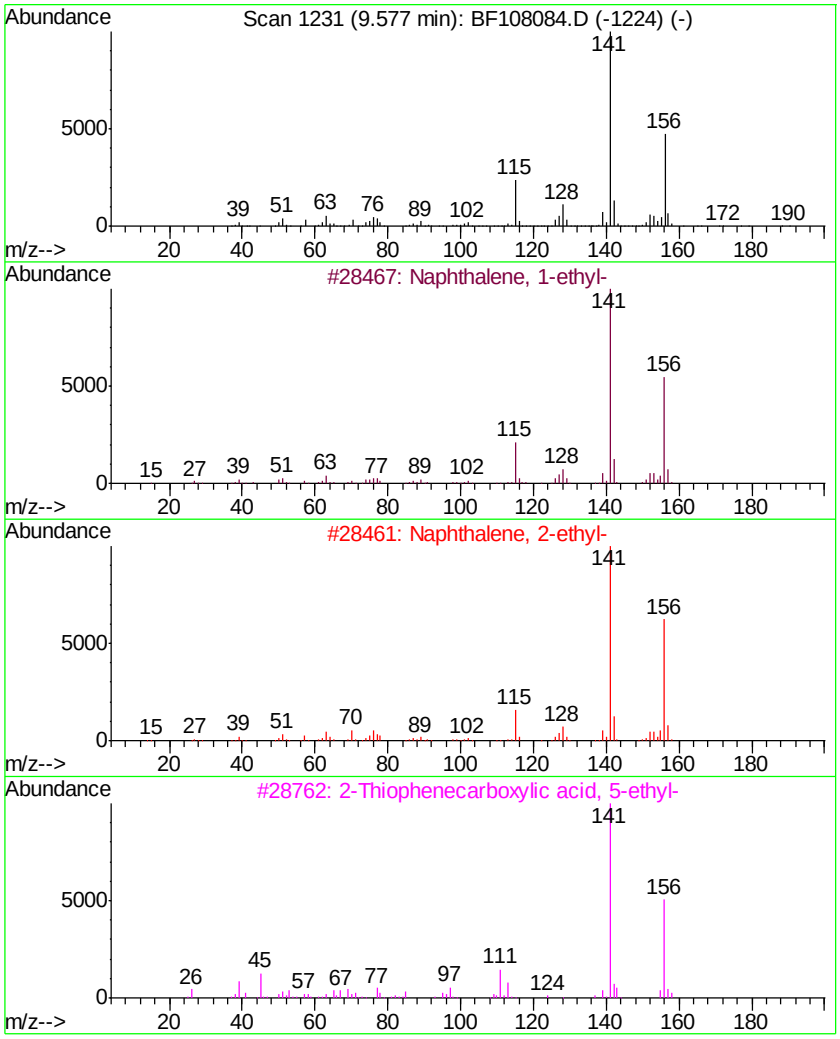
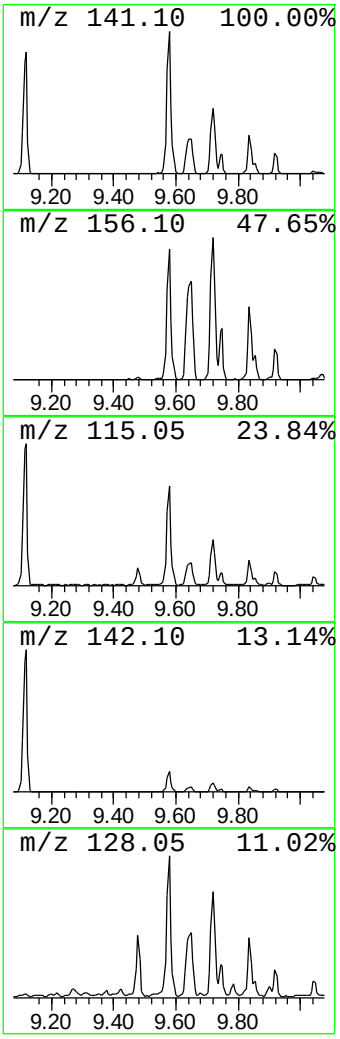
Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	37.64 ng	4393590	Acenaphthene-d10	10.07

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-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	58
5	2-Pyrimidinethiol, 4,5-dihydro-4...	156	C7H12N2S	1000319-31-6	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108084.D
Acq On : 10 Aug 2018 15:22
Operator : JU/SJ
Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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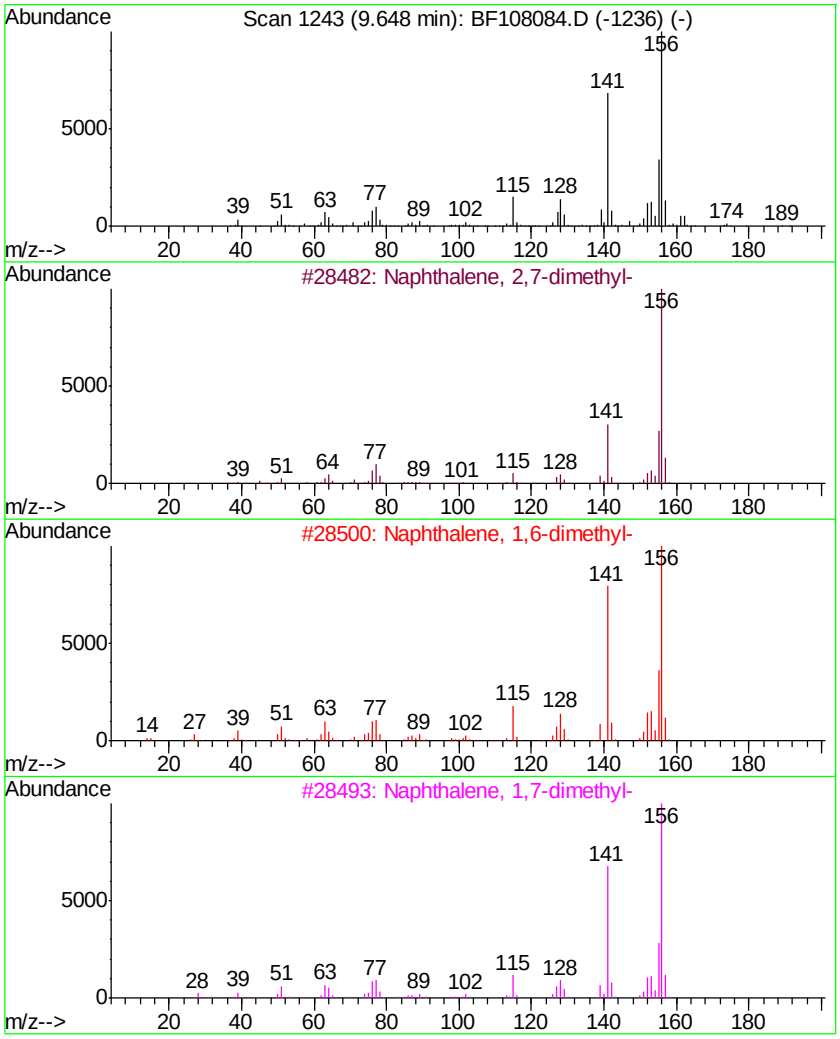
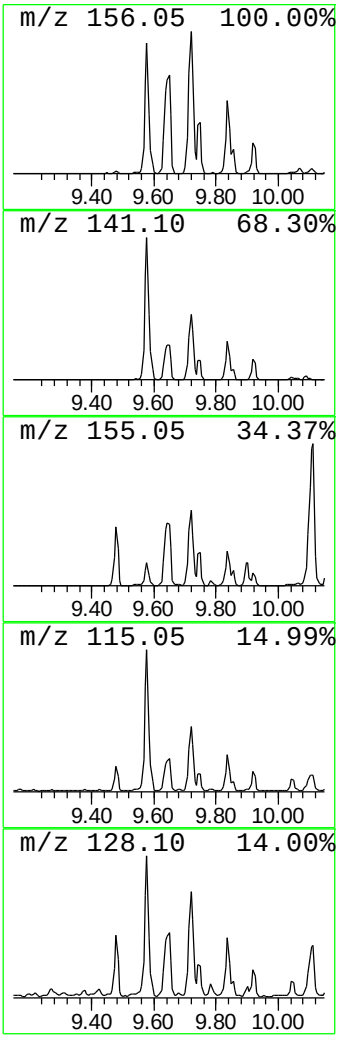
Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	25.20 ng	2940930	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





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Data File : BF108084.D
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Operator : JU/SJ
Sample : J4409-01 10X
Misc :
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Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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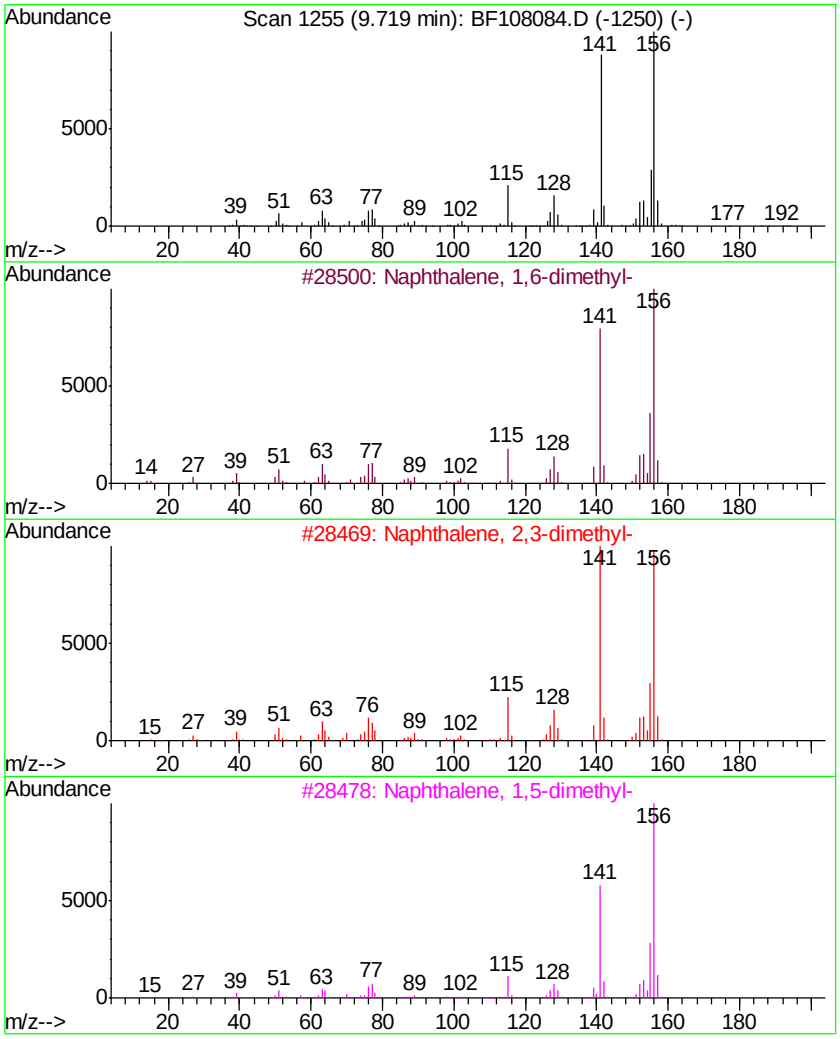
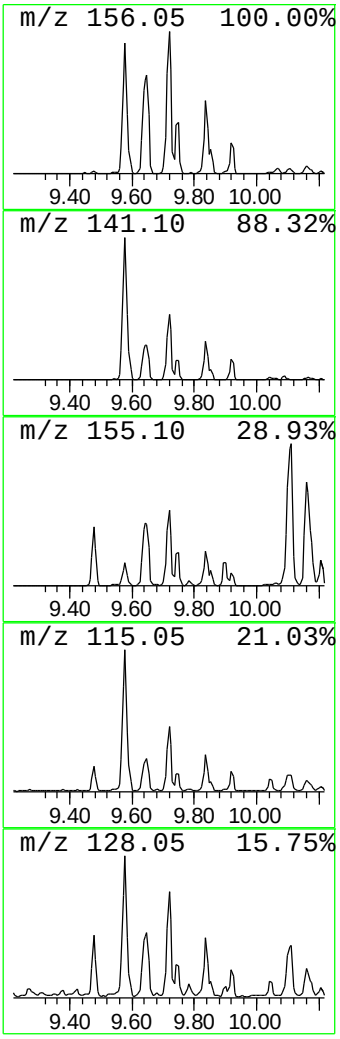
Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	27.93 ng	3259220	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Library Search Compound Report

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Acq On : 10 Aug 2018 15:22
Operator : JU/SJ
Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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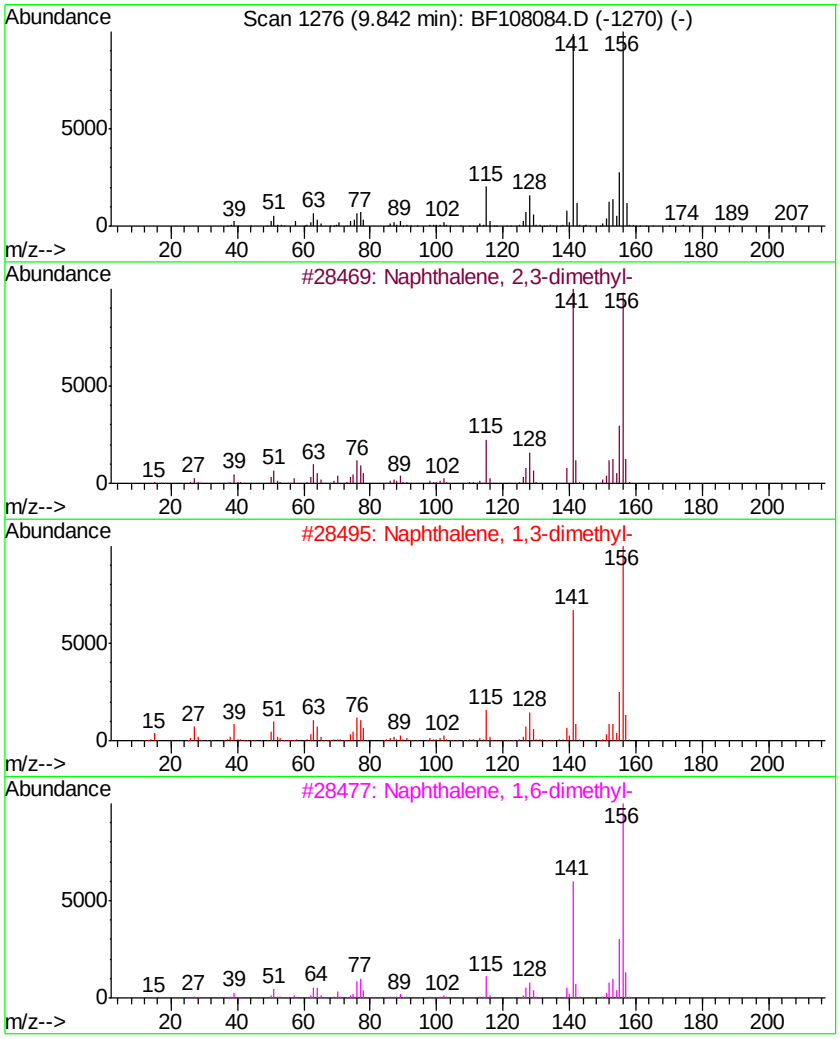
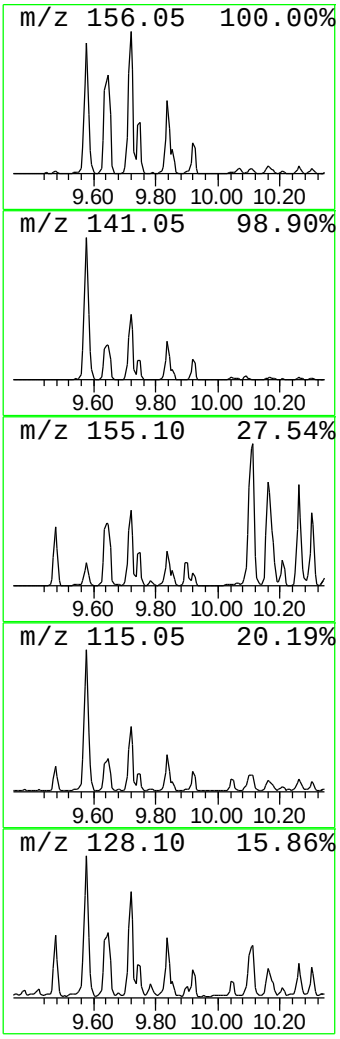
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	15.35 ng	1790970	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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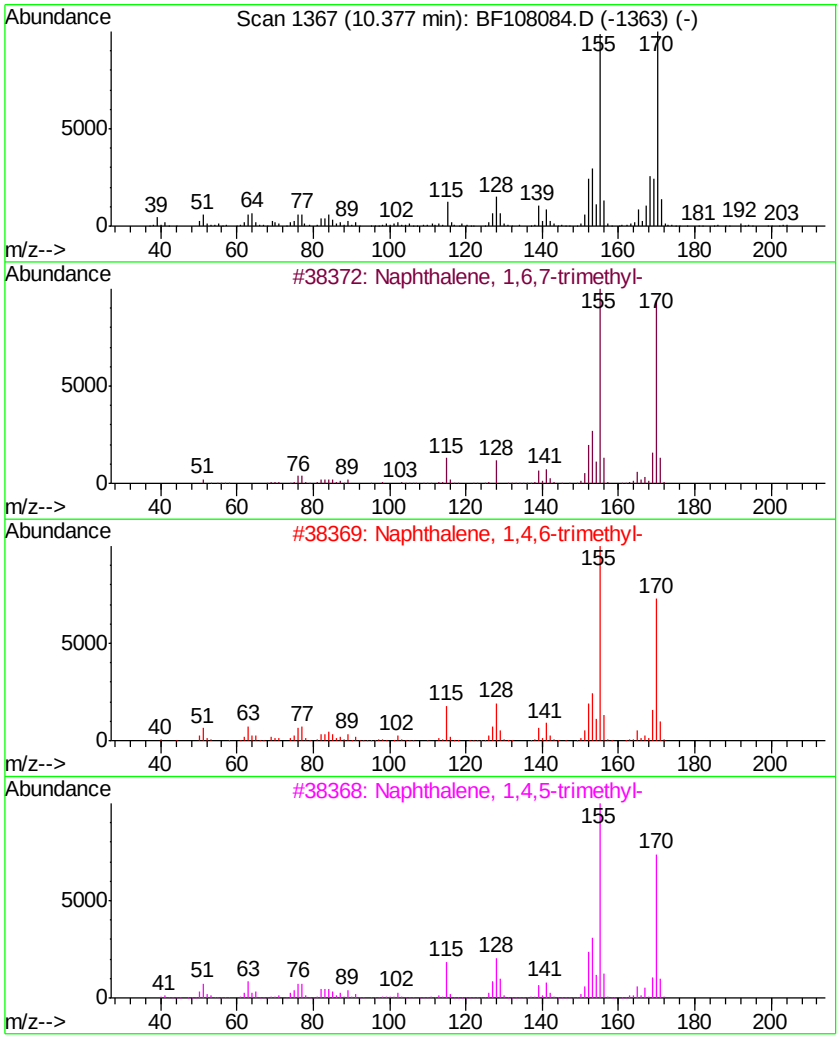
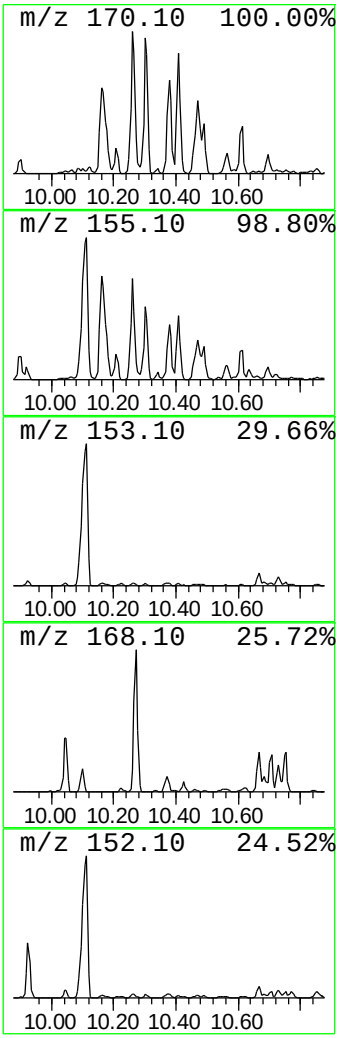
Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	9.38 ng	1094350	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

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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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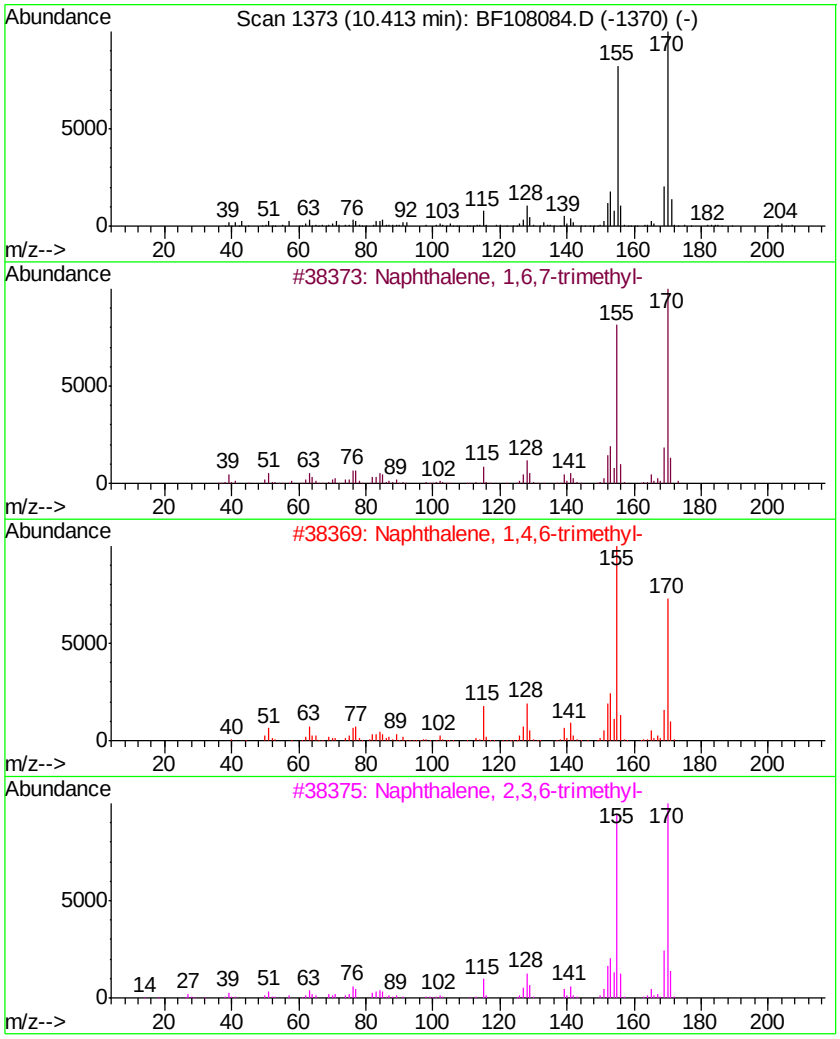
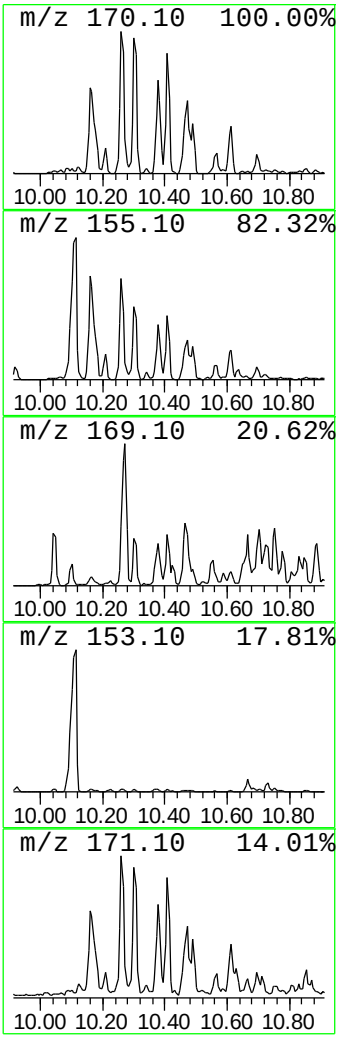
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	7.82 ng	913103	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





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Operator : JU/SJ
Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-9B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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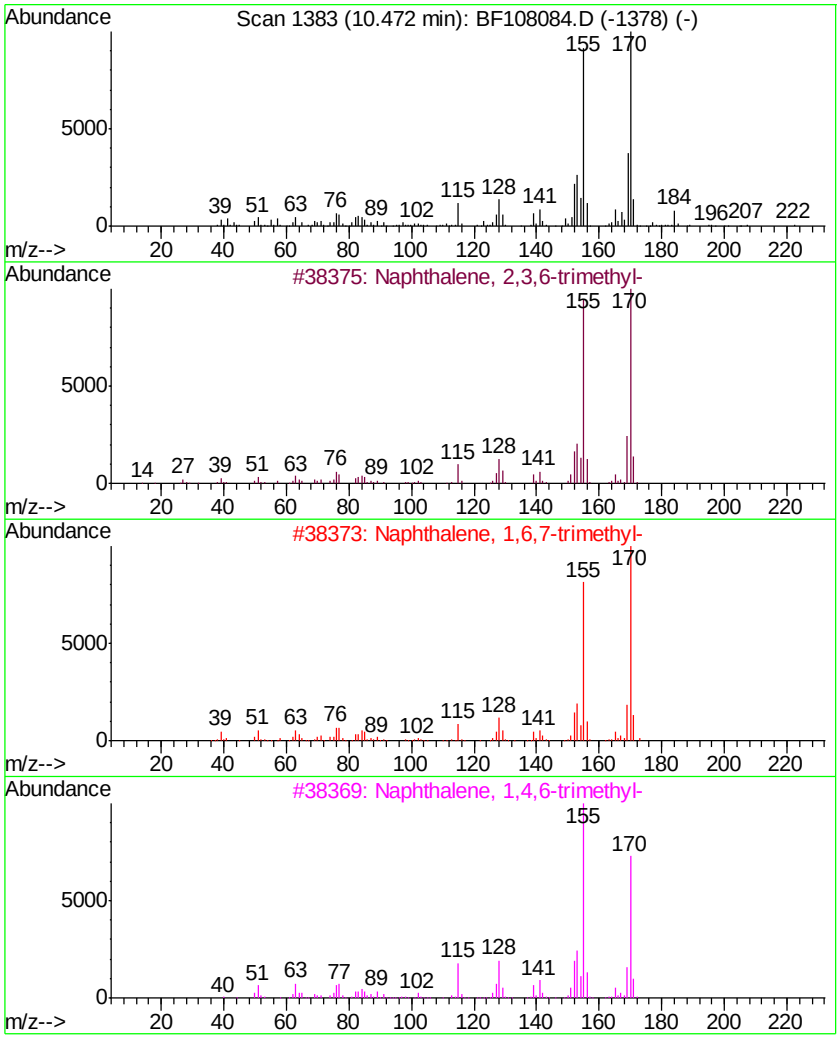
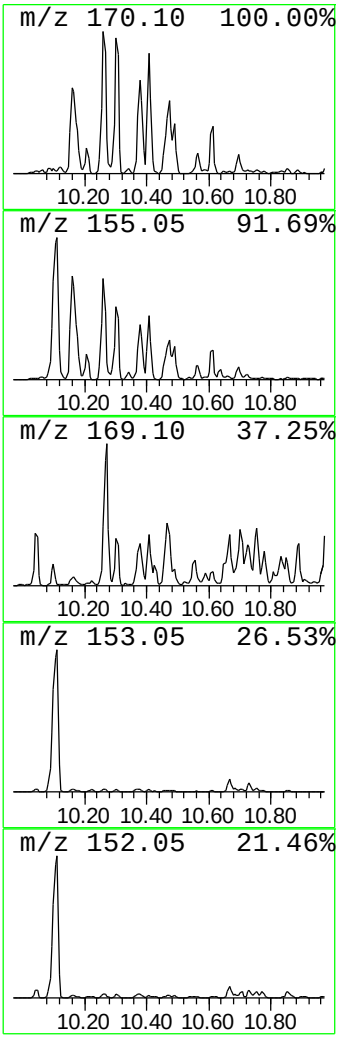
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	7.73 ng	902141	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





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Operator : JU/SJ
Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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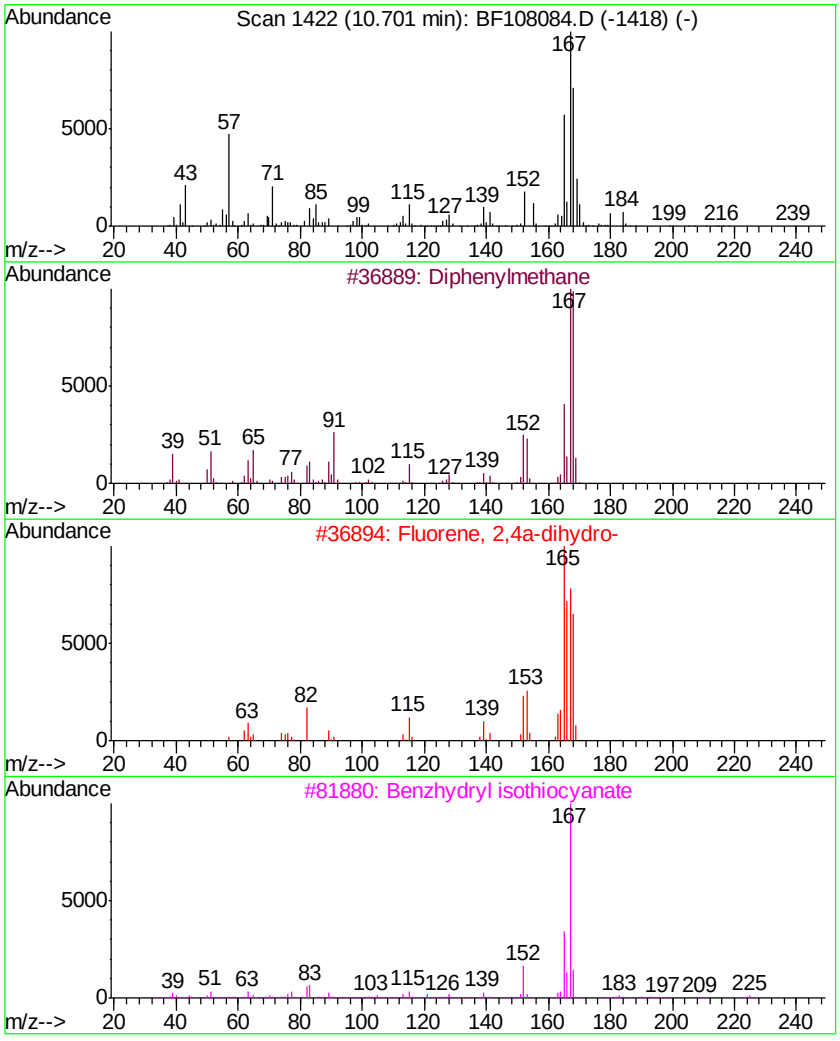
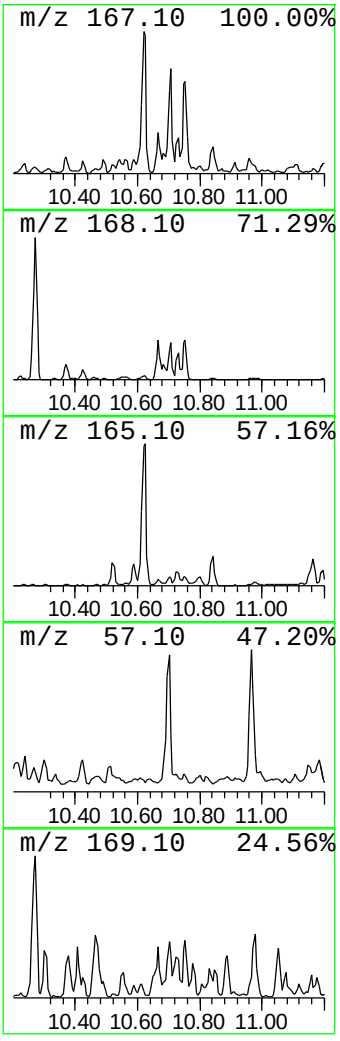
Peak Number 11 Diphenylmethane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	13.19 ng	1539100	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	58
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	46
3	Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	43
4	Benzene, 1,1'-[(ethylthio)methyl...	228	C15H16S	038793-64-5	43
5	Benzeneacetaldehyde, .alpha.-phe...	196	C14H12O	000947-91-1	43





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Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

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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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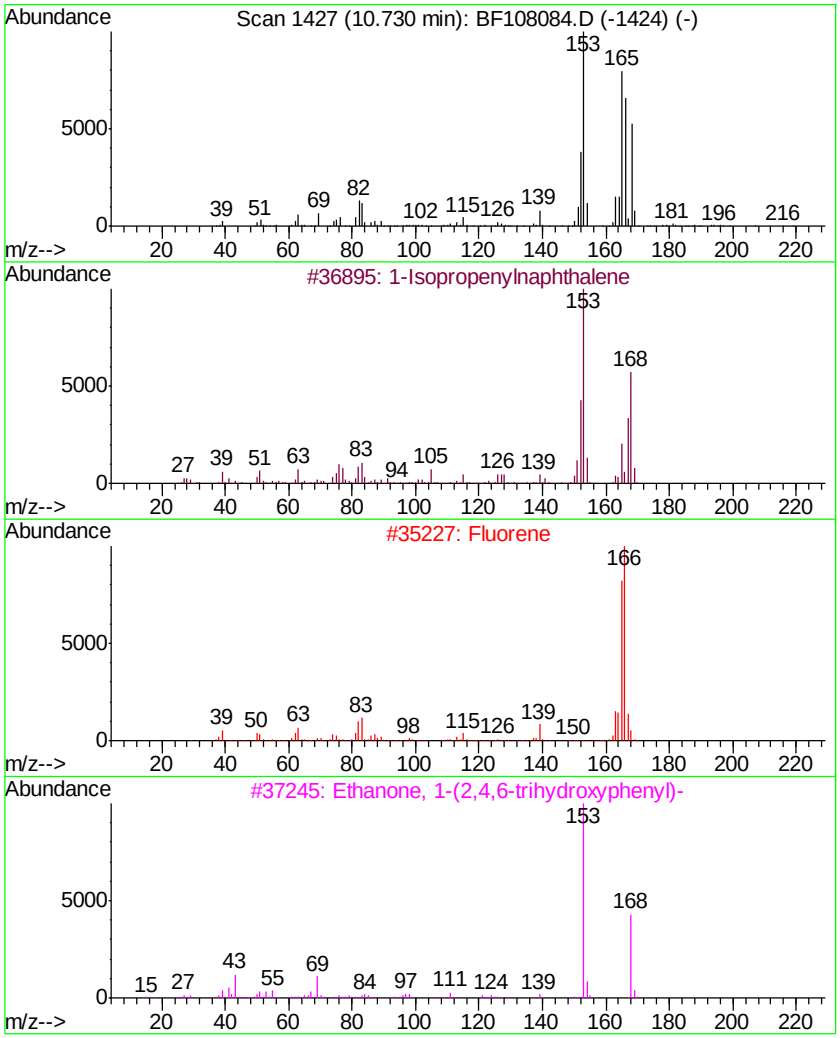
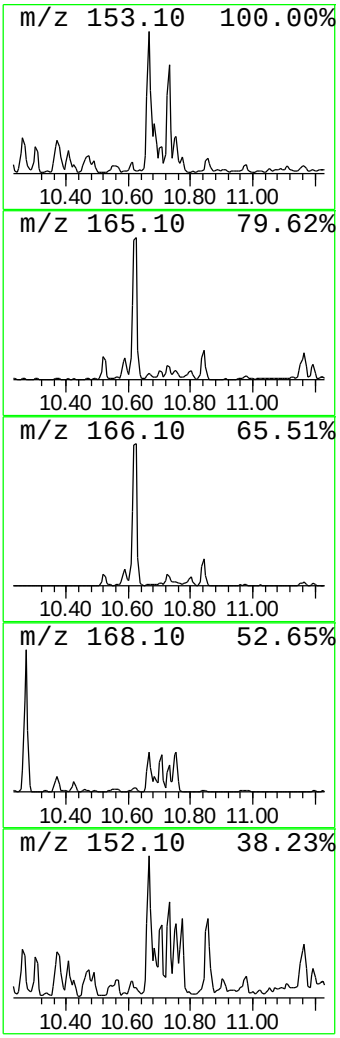
Peak Number 12 unknown10.73 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	11.25 ng	1312630	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	49
2	Fluorene	166	C13H10	000086-73-7	46
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	27
4	1-Fluoro-1-hex-1-ynyl-2,2-dimeth...	168	C11H17F	1000300-49-2	27
5	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	27





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Operator : JU/SJ
Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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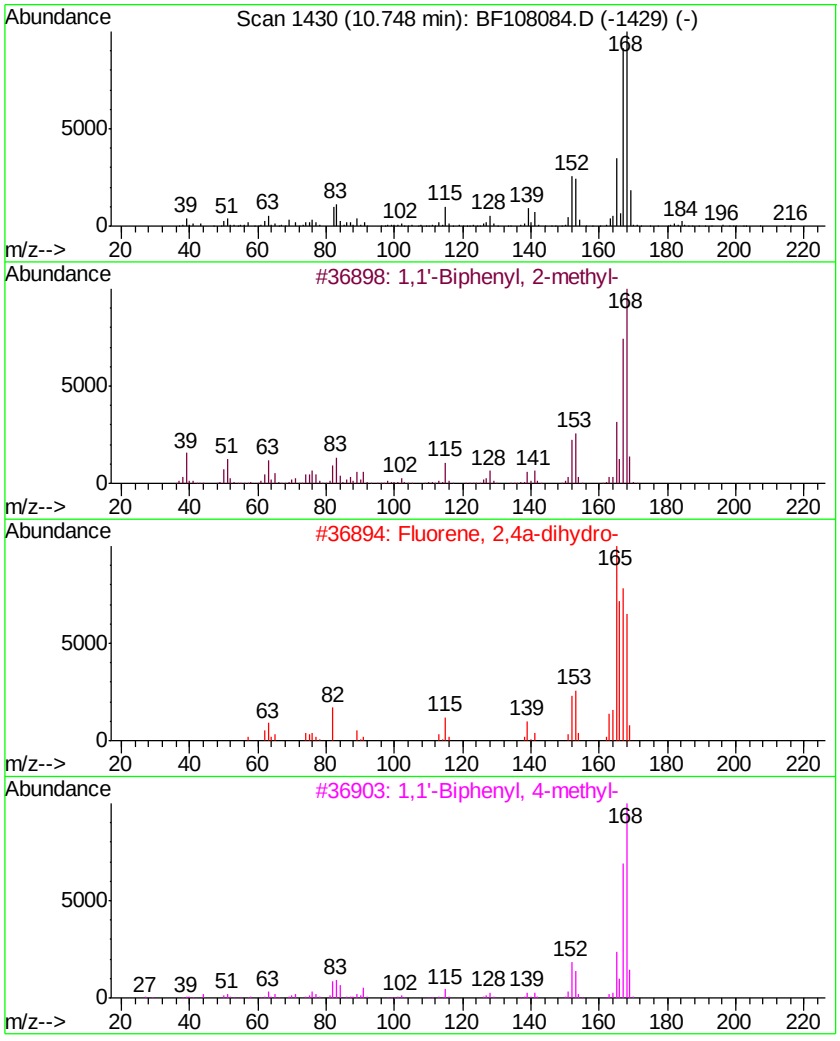
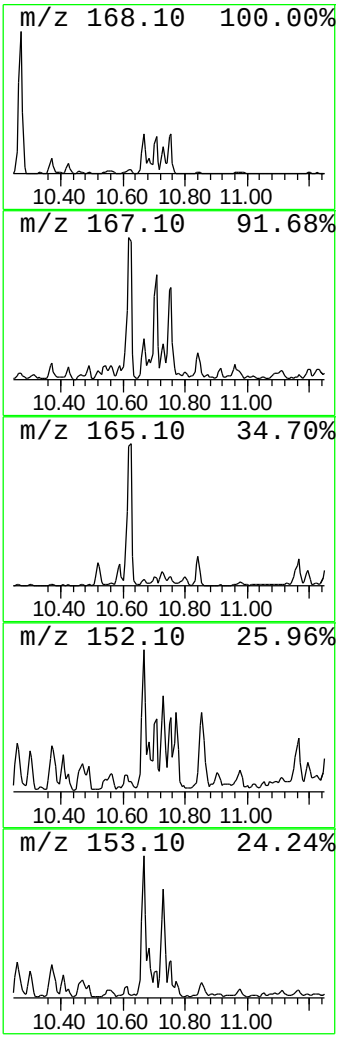
Peak Number 13 1,1'-Biphenyl, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	8.86 ng	1034150	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	90
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	81
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	81
4	Diphenylmethane	168	C13H12	000101-81-5	81
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	68





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Misc :
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Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

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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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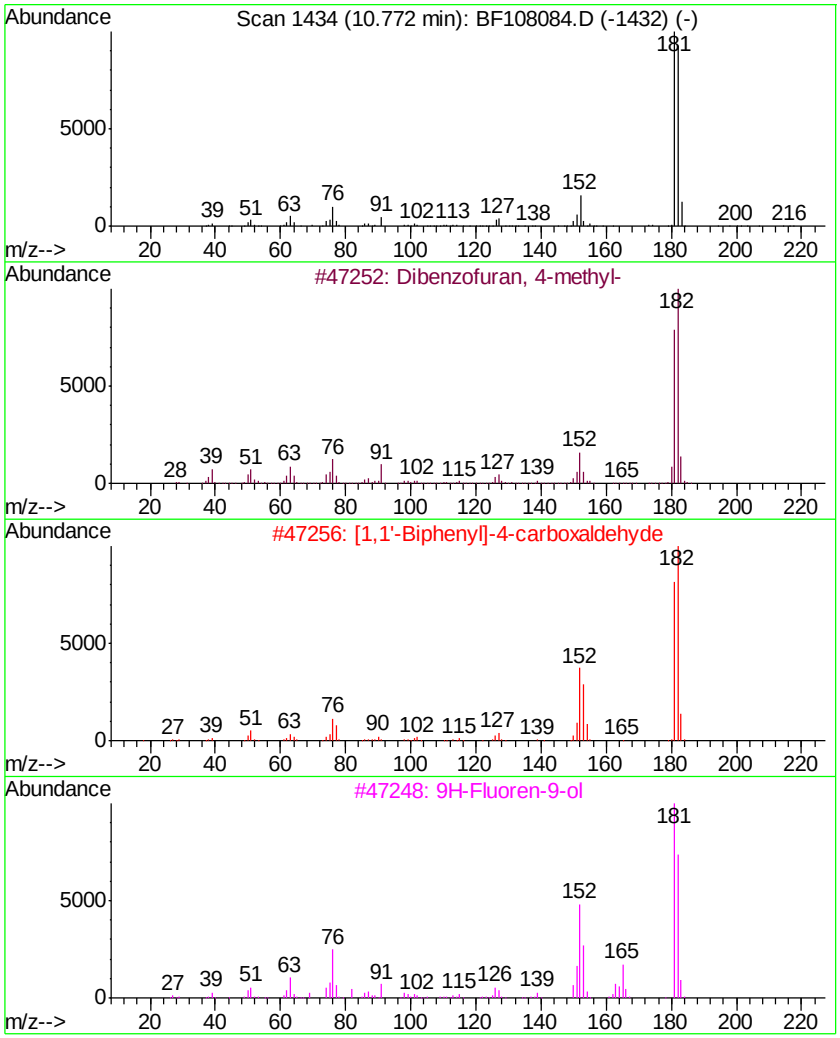
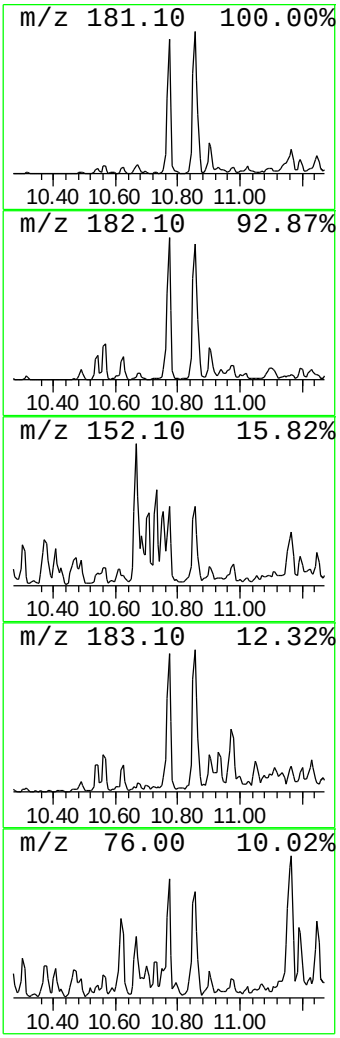
Peak Number 14 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	8.28 ng	966770	Acenaphthene-d10	10.07

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	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	83
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78





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Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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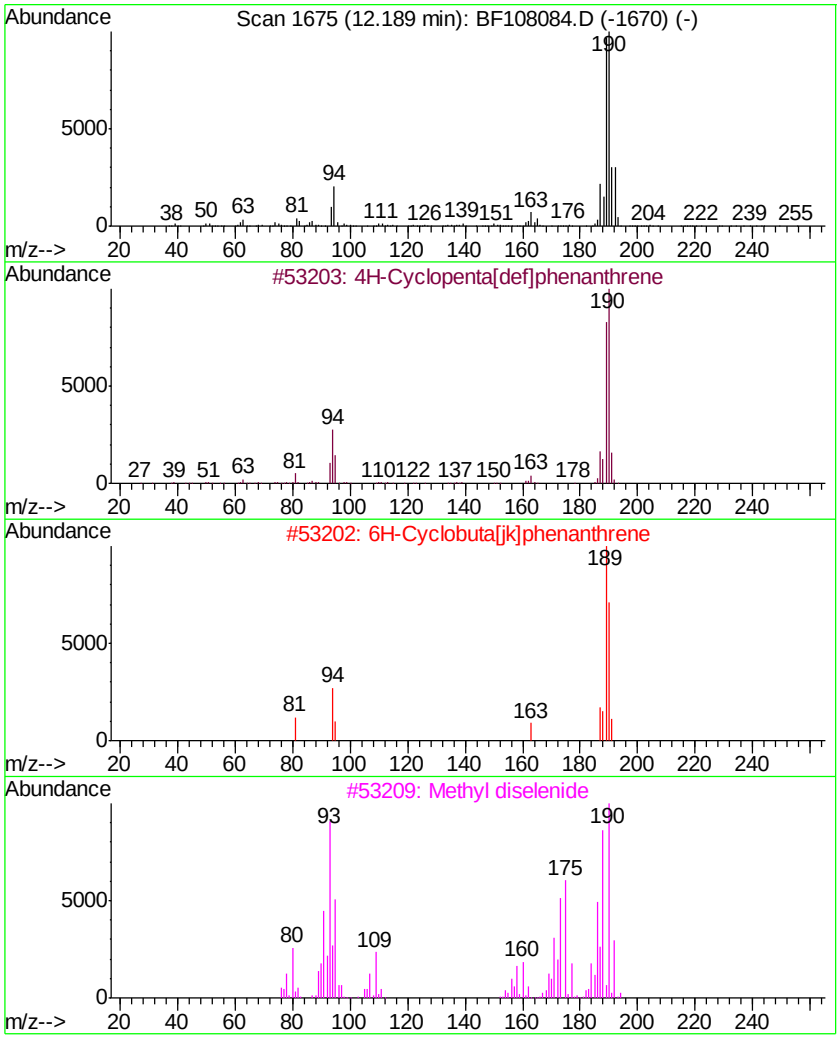
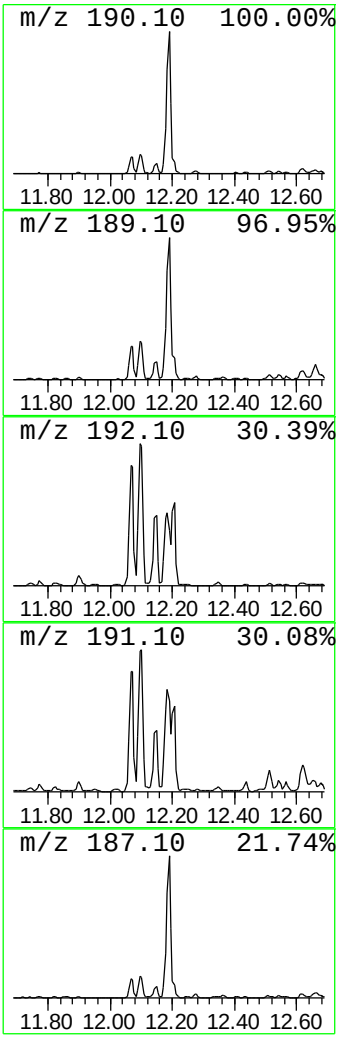
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	6.51 ng	8120150	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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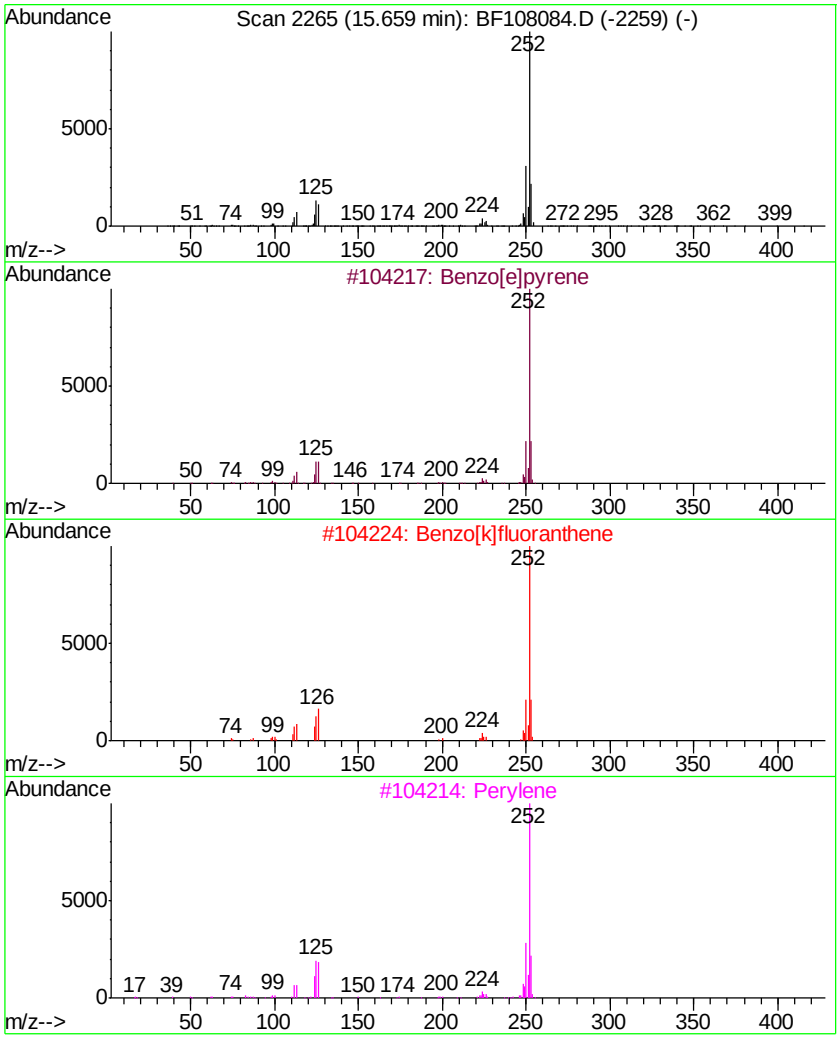
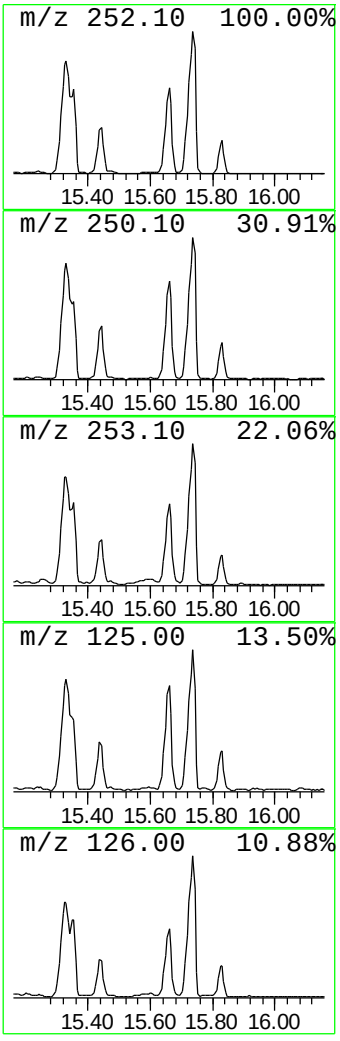
Peak Number 17 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	42.49 ng	4045940	Perylene-d12	15.79

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





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Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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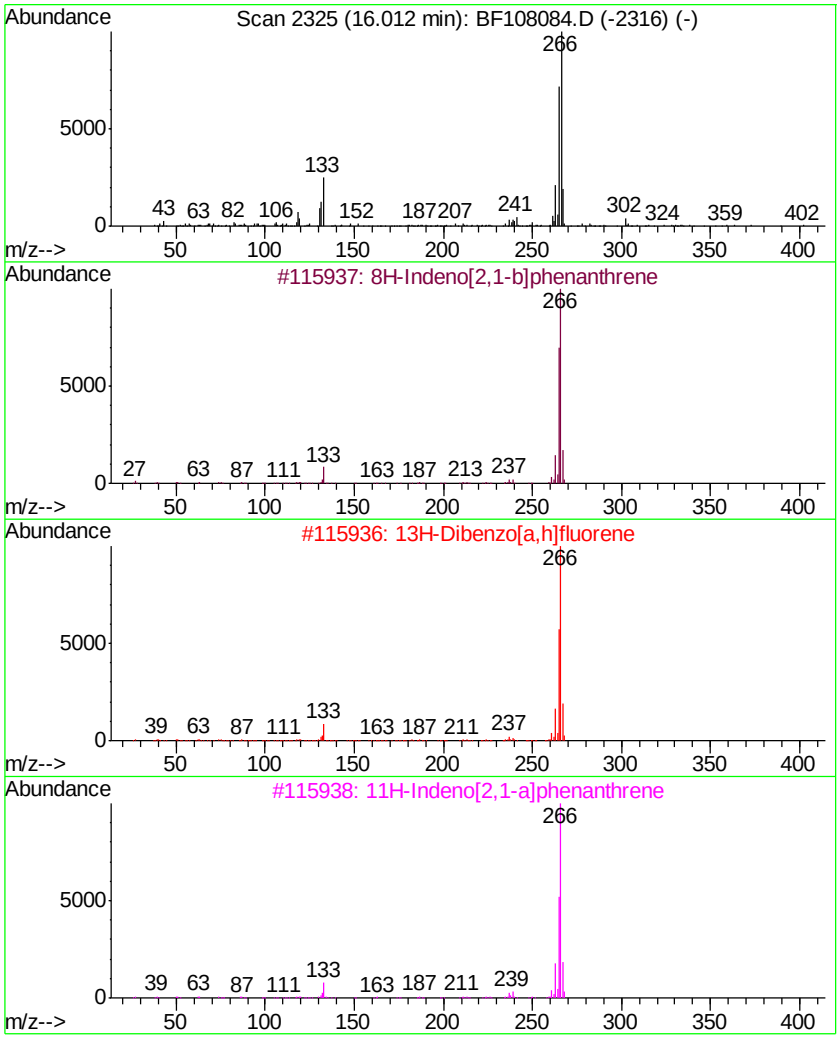
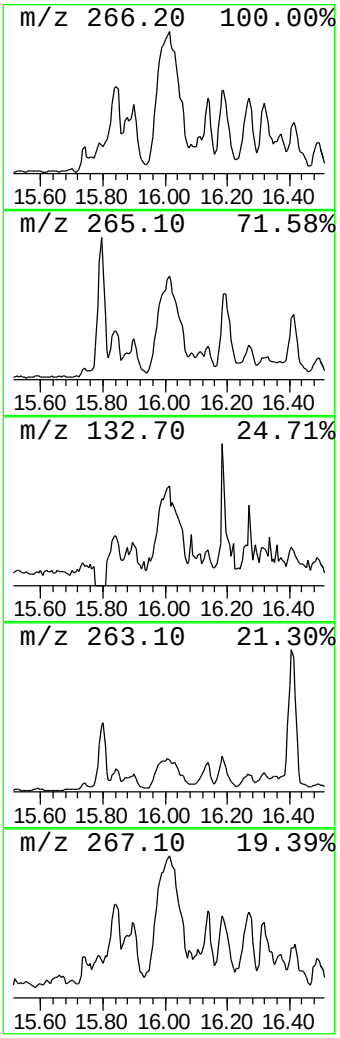
Peak Number 18 8H-Indeno[2,1-b]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	11.67 ng	1111720	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	90
2	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	86
3	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	86
4	Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	53
5	1-Benzothieno[3,2-f]quinazoline-...	266	C14H10N4S	065642-92-4	53





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Acq On : 10 Aug 2018 15:22
Operator : JU/SJ
Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

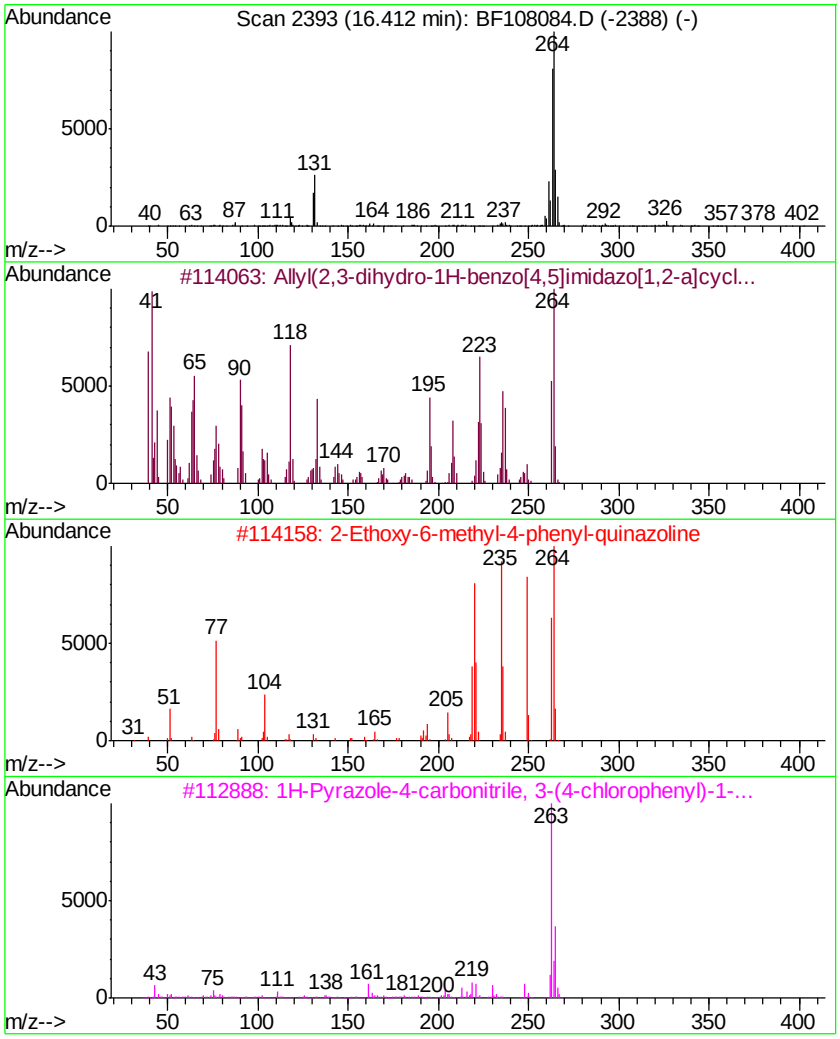
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

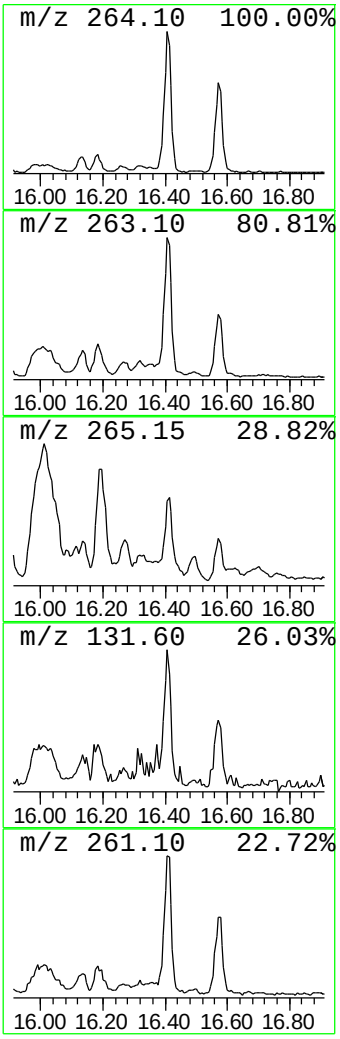
****

Peak Number 19 unknown16.41 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	11.57 ng	1101650	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allyl(2,3-dihydro-1H-benzo[4,5]i...	264	C16H16N4	1000322-09-2	40
2	2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	35
3	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	35
4	Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	32
5	Quinoxaline, 2-isopropyl-3-pheny...	264	C17H16N2O	016007-79-7	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108084.D
Acq On : 10 Aug 2018 15:22
Operator : JU/SJ
Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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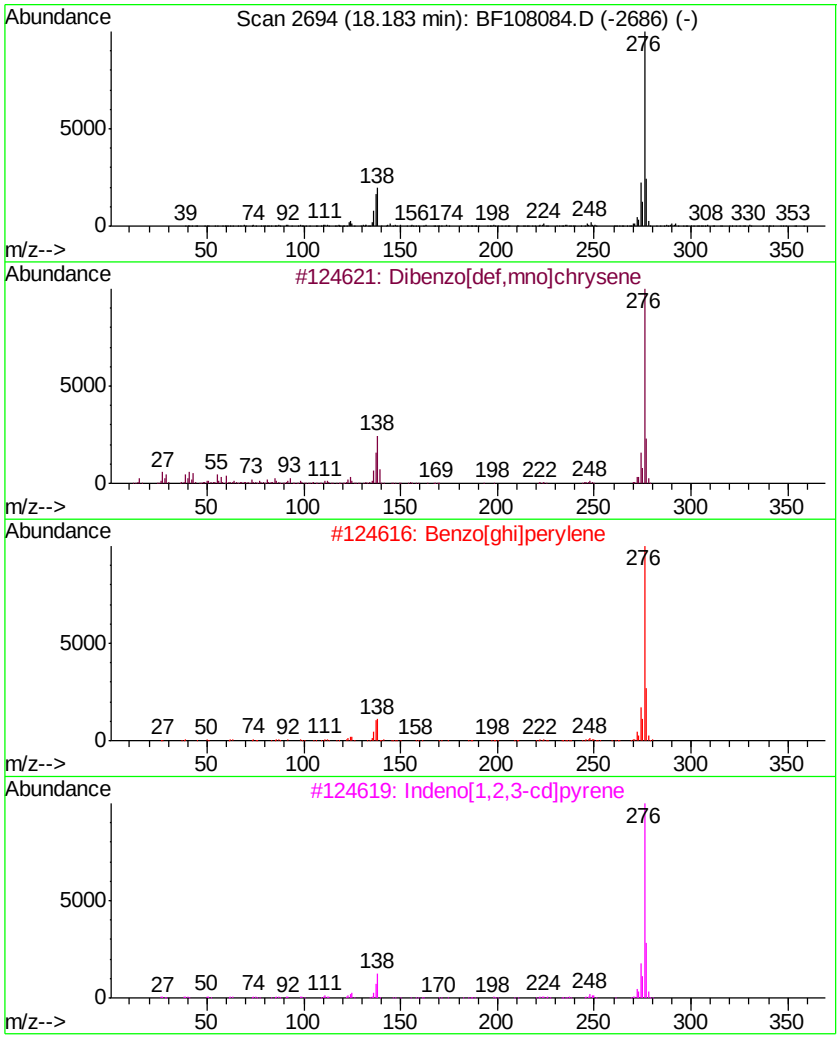
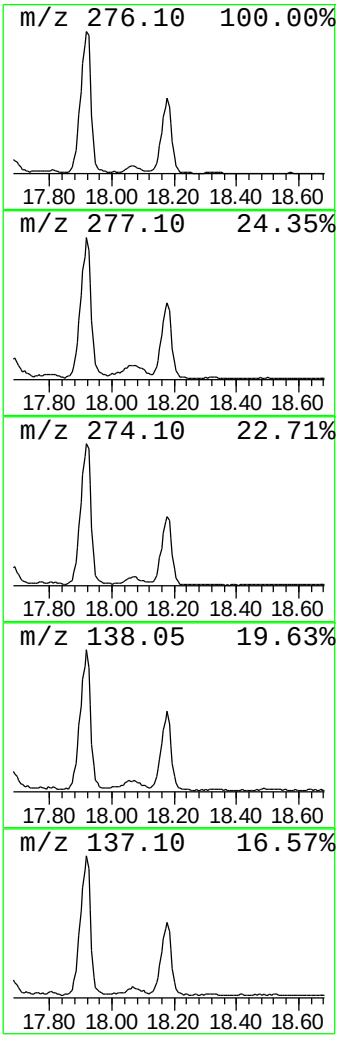
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	13.43 ng	1278700	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	97
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	96
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
4	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	59
5	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108084.D
Acq On : 10 Aug 2018 15:22
Operator : JU/SJ
Sample : J4409-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2018-NYSEG-CLARK-AREA-9B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
unknown6.78	6.78	8.5	ng	749879	1	7.02	1772460	20.0
Naphthalene, 1-me...	9.12	33.8	ng	4291280	2	8.30	2536570	20.0
Naphthalene, 1-et...	9.58	37.6	ng	4393590	3	10.07	2334250	20.0
Naphthalene, 2,7-...	9.65	25.2	ng	2940930	3	10.07	2334250	20.0
Naphthalene, 1,6-...	9.72	27.9	ng	3259220	3	10.07	2334250	20.0
Naphthalene, 2,3-...	9.84	15.4	ng	1790970	3	10.07	2334250	20.0
Naphthalene, 1,4,...	10.38	9.4	ng	1094350	3	10.07	2334250	20.0
Naphthalene, 1,6,...	10.41	7.8	ng	913103	3	10.07	2334250	20.0
Naphthalene, 2,3,...	10.47	7.7	ng	902141	3	10.07	2334250	20.0
Diphenylmethane	10.70	13.2	ng	1539100	3	10.07	2334250	20.0
unknown10.73	10.73	11.3	ng	1312630	3	10.07	2334250	20.0
1,1'-Biphenyl, 2-...	10.75	8.9	ng	1034150	3	10.07	2334250	20.0
Dibenzofuran, 4-m...	10.77	8.3	ng	966770	3	10.07	2334250	20.0
4H-Cyclopenta[def...	12.19	6.5	ng	8120150	4	11.57	24953400	20.0
Benzo[e]pyrene	15.66	42.5	ng	4045940	6	15.79	1904490	20.0
8H-Indeno[2,1-b]p...	16.01	11.7	ng	1111720	6	15.79	1904490	20.0
unknown16.41	16.41	11.6	ng	1101650	6	15.79	1904490	20.0
Dibenzo[def,mno]c...	18.18	13.4	ng	1278700	6	15.79	1904490	20.0