LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2_BOT_7

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-BF061118.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	6.972	785	788	792	rBV	991889	818281	5.16%	0.241%
2	8.260	1003	1007	1008	rBV	1016291	962195	6.07%	0.283%
3	8.283	1008	1011	1015	rVV	4489590	4971462	31.37%	1.464%
4	8.972	1124	1128	1132	rBV	3159623	2841689	17.93%	0.837%
5	9.072	1140	1145	1148	rVB	2743020	2263977	14.28%	0.666%
6	9.430	1203	1206	1212	rVB	1201173	967561	6.10%	0.285%
7	9.601	1229	1235	1238	rBV	1198358	1636118	10.32%	0.482%
8	9.672	1243	1247	1249	rBV	1668447	1620603	10.22%	0.477%
9	9.701	1249	1252	1254	rVB	1111369	902508	5.69%	0.266%
10	9.789	1262	1267	1269	rBV	843665	809882	5.11%	0.238%
11	9.889	1278	1284	1287	rBV	4487700	5297655	33.42%	1.560%
12	10.019	1304	1306	1308	rVV	1047032	820463	5.18%	0.242%
13	10.054	1308	1312	1315	rVV	4063843	3641279	22.97%	1.072%
14	10.225	1337	1341	1344	rBV	3603547	4003963	25.26%	1.179%
15	10.325	1354	1358	1361	rBV2	677909	795579	5.02%	0.234%
16	10.472	1380	1383	1385	rBV	1161476	932675	5.88%	0.275%
17	10.577	1396	1401	1405	rVB	4990606	7079867	44.67%	2.084%
18	10.677	1415	1418	1421	rVV	826004	802132	5.06%	0.236%
19	10.724	1422	1426	1428	rVV	2452369	2236831	14.11%	0.658%
20	10.807	1434	1440	1444	rBV2	2395949	4015642	25.34%	1.182%
21	11.113	1487	1492	1495	rBV2	2353365	2769462	17.47%	0.815%
22	11.201	1503	1507	1510	rBV	1116297	1070753	6.76%	0.315%
23	11.242	1510	1514	1516	rVV	1001436	1005907	6.35%	0.296%
24	11.266	1516	1518	1523	rVV2	1333474	1460046	9.21%	0.430%
25	11.319	1523	1527	1530	rVV	1307159	1297965	8.19%	0.382%
26	11.354	1530	1533	1537	rVB	1120237	1222746	7.71%	0.360%
27	11.407	1537	1542	1549	rVB	2484126	2799472	17.66%	0.824%
28	11.554	1556	1567	1570	rBV4	5426210	14798077	93.36%	4.356%
29	11.613	1573	1577	1579	rVV	5236788	7178387	45.29%	2.113%
30	11.630	1579	1580	1584	rVV	1379822	845635	5.34%	0.249%
31	11.754	1597	1601	1607	rVB	2622605	2739538	17.28%	0.806%
32	11.807	1607	1610	1614	rVB2	1601168	1503252	9.48%	0.443%
33	11.848	1614	1617	1621	rBV4	994660	1229729	7.76%	0.362%
34	11.924	1627	1630	1635	rVB3	675796	986340	6.22%	0.290%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2_BOT_7

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-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.019	1642	1646	1649	rBV	3781225	4883902	30.81%	1.438%
36	12.054	1649	1652	1655	rVB	4790336	5189154	32.74%	1.528%
37	12.107	1655	1661	1663	rBV	2797513	3329916	21.01%	0.980%
38	12.148	1663	1668	1673	rVB2	5338287	10981748	69.29%	3.233%
39	12.313	1693	1696	1699	rVB	3714855	3524013	22.23%	1.037%
40	12.354	1699	1703	1706	rBV4	832334	1248146	7.87%	0.367%
41	12.489	1723	1726	1728	rBV	1213778	961931	6.07%	0.283%
42	12.566	1735	1739	1742	rBV2	1965353	2666316	16.82%	0.785%
43	12.607	1742	1746	1748	rBV	1277463	1425049	8.99%	0.420%
44	12.701	1759	1762	1764	rVB	1347220	1491492	9.41%	0.439%
45	12.754	1764	1771	1776	rBV	4784483	15849845	100.00%	4.666%
46	12.854	1784	1788	1791	rVB	4696572	5890505	37.16%	1.734%
47	12.901	1791	1796	1801	rBV2	2274092	3554290	22.42%	1.046%
48	12.983	1805	1810	1815	rBV3	4838127	13346682	84.21%	3.929%
49	13.095	1824	1829	1833	rBV	3254837	3845182	24.26%	1.132%
50	13.136	1833	1836	1839	rVB	2463073	2600146	16.40%	0.765%
51	13.195	1839	1846	1849	rBV2	3361725	6339730	40.00%	1.866%
52	13.224	1849	1851	1856	rBV	875117	1014448	6.40%	0.299%
53	13.277	1856	1860	1862	rBV4	2646151	4169805	26.31%	1.228%
54	13.313	1862	1866	1869	rVB	4320299	6768918	42.71%	1.993%
55	13.383	1873	1878	1880	rVV	4316170	7283859	45.96%	2.144%
56	13.418	1880	1884	1889	rVB3	3766066	5923878	37.37%	1.744%
57	13.471	1889	1893	1896	rBV2	1967479	2803007	17.68%	0.825%
58	13.507	1896	1899	1901	rVV	2097045	2423978	15.29%	0.714%
59	13.536	1901	1904	1910	rVB2	2948536	3441644	21.71%	1.013%
60	13.695	1928	1931	1933	rBV	1020233	996296	6.29%	0.293%
61	13.718	1933	1935	1938	rVB2	1274058	978741	6.18%	0.288%
62	13.777	1941	1945	1948	rBV2	1641748	2415332	15.24%	0.711%
63	13.813	1948	1951	1955	rVB	1997533	2005923	12.66%	0.591%
64	13.924	1965	1970	1972	rBV	2116513	2644624	16.69%	0.779%
65	13.948	1972	1974	1977	rVB	2539680	2534763	15.99%	0.746%
66	13.983	1977	1980	1985	rVB3	2971666	3960410	24.99%	1.166%
67	14.030	1985	1988	1993	rVB	1621151	1957428	12.35%	0.576%
68	14.089	1993	1998	2006	rBV2	840972	1532772	9.67%	0.451%
69	14.177	2006	2013	2015	rBV3	4789345	10437232	65.85%	3.073%
70	14.295	2031	2033	2036	rVV3	1394007	1640865	10.35%	0.483%
71	14.336	2036	2040	2042	rVV	2286298	2891770	18.24%	0.851%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2_BOT_7

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-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.377	2045	2047	2049	rVV	1336526	1176984	7.43%	0.346%
73	14.412	2049	2053	2055	rVV2	2221863	3171286	20.01%	0.934%
74	14.530	2070	2073	2075	rBV2	1448957	1761123	11.11%	0.518%
75	14.571	2077	2080	2083	rVV	3103163	4269812	26.94%	1.257%
76	14.607	2083	2086	2090	rVB2	1972833	1978647	12.48%	0.582%
77	14.677	2095	2098	2100	rVV2	2402434	3015882	19.03%	0.888%
78	14.707	2100	2103	2104	rVV2	2387969	2529544	15.96%	0.745%
79	14.730	2104	2107	2111	rVV3	2855424	3726775	23.51%	1.097%
80	14.771	2111	2114	2116	rVV2	1423282	1416384	8.94%	0.417%
81	14.901	2133	2136	2138	rBV3	897113	1068242	6.74%	0.314%
82	14.924	2138	2140	2145	rVB4	855309	1309209	8.26%	0.385%
83	15.095	2165	2169	2174	rBV3	964250	1411100	8.90%	0.415%
84	15.301	2193	2204	2207	rBV	4373942	14363094	90.62%	4.228%
85	15.401	2216	2221	2227	rVV	2865080	4074179	25.70%	1.199%
86	15.495	2230	2237	2240	rBV2	930224	1917468	12.10%	0.564%
87	15.612	2249	2257	2263	rVV	3243151	7166452	45.21%	2.110%
88	15.701	2263	2272	2276	rVV3	4073825	10074628	63.56%	2.966%
89	15.783	2280	2286	2290	rVB2	2522761	4083307	25.76%	1.202%
90	15.924	2304	2310	2312	rBV2	839805	1634599	10.31%	0.481%
91	16.112	2339	2342	2349	rVB3	684451	1168847	7.37%	0.344%
92	16.336	2375	2380	2384	rVV2	926712	1343932	8.48%	0.396%
93	16.495	2402	2407	2418	rVB2	551589	1147093	7.24%	0.338%
94	17.101	2504	2510	2514	rBV3	481246	1144123	7.22%	0.337%
95	17.348	2538	2552	2557	rBV	2548648	7841941	49.48%	2.309%
96	17.401	2557	2561	2571	rVB	548296	1093143	6.90%	0.322%
97	17.506	2572	2579	2584	rBV	955617	2252426	14.21%	0.663%
98	17.565	2585	2589	2594	rBV2	453620	840898	5.31%	0.248%
99	17.836	2622	2635	2648	rVB	1974344	6150029	38.80%	1.810%
100	18.077	2668	2676	2688	rVB2	1077944	3283514	20.72%	0.967%

Sum of corrected areas: 339696072

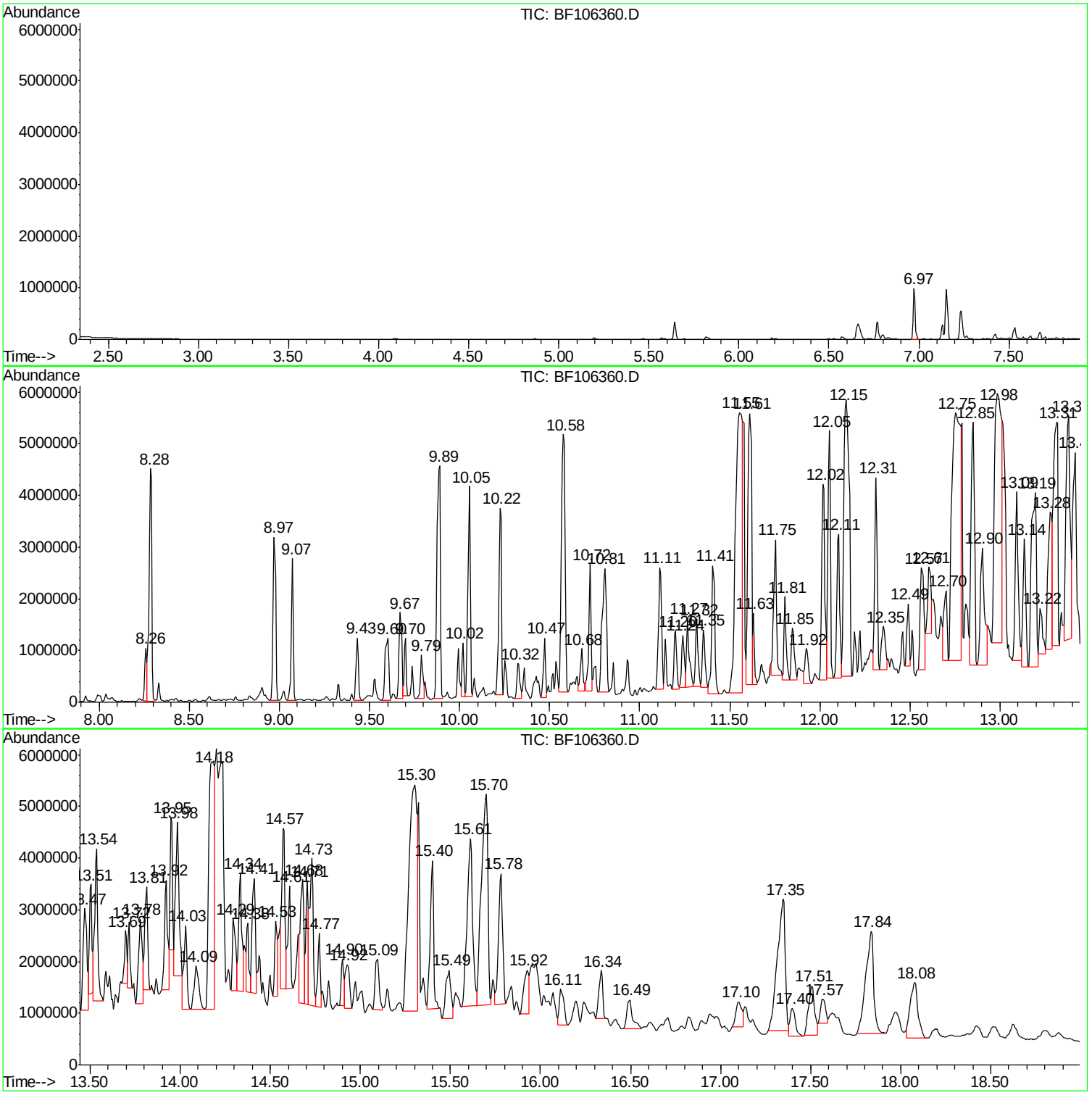
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB02-2_BOT_7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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\BF061218\
Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2_BOT_7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

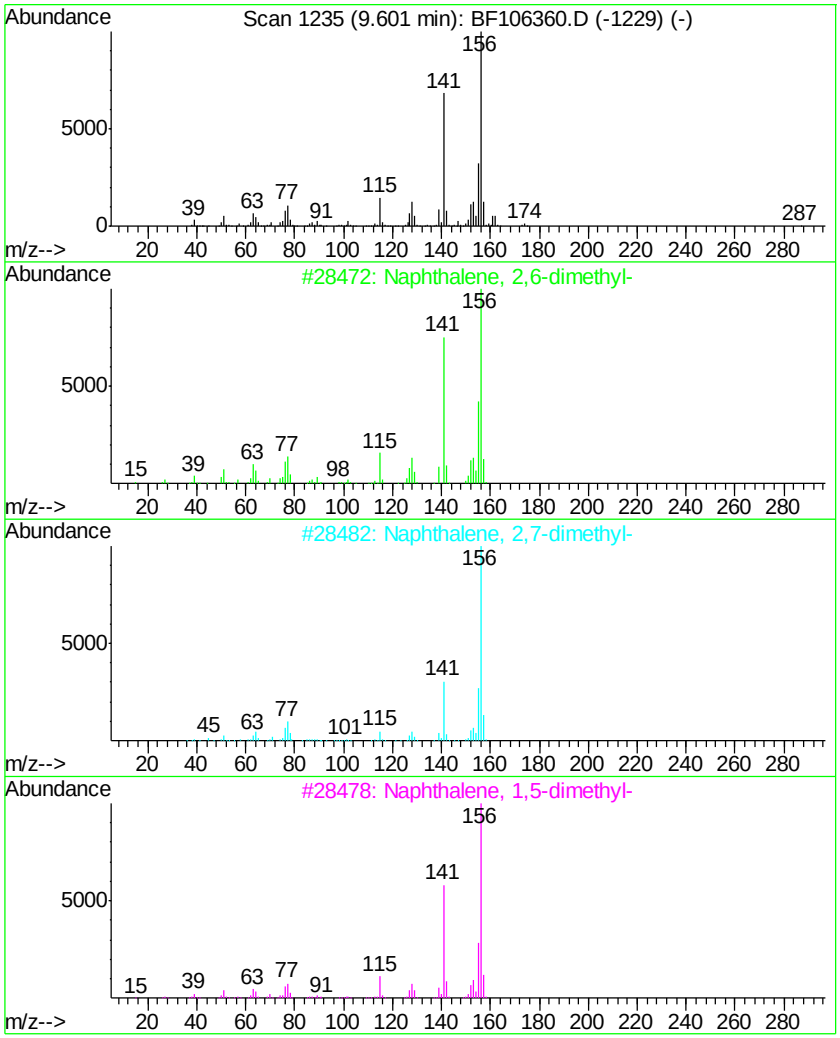
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

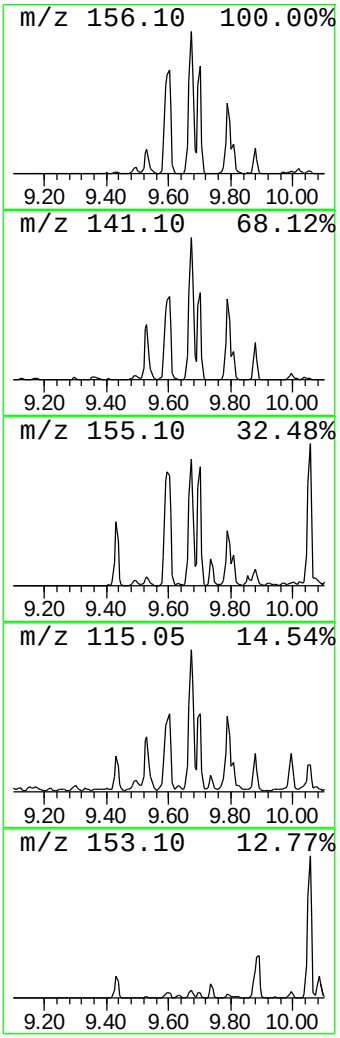
****

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	39.88 ng	1636120	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2_BOT_7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

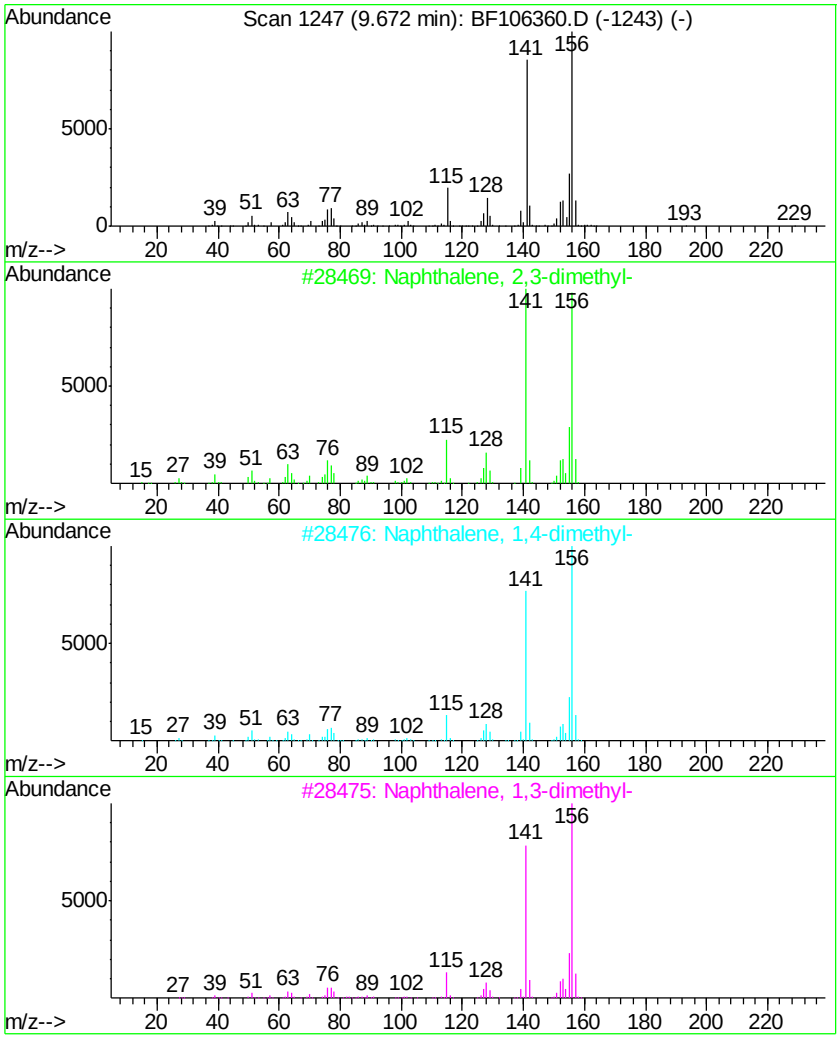
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

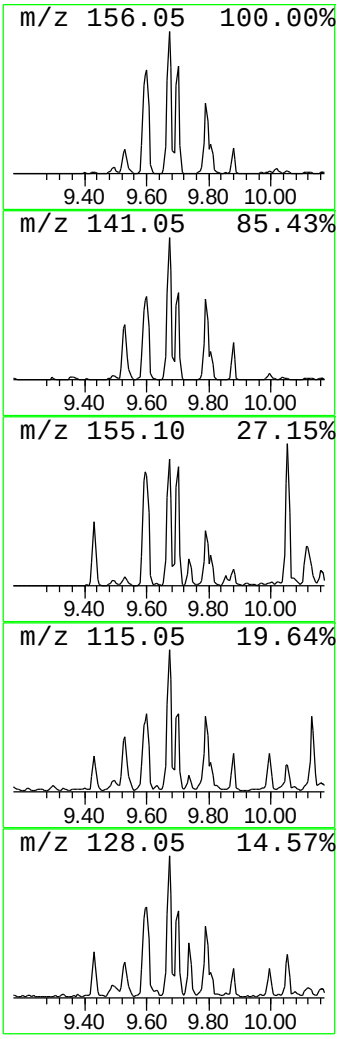
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	39.50 ng	1620600	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2_BOT_7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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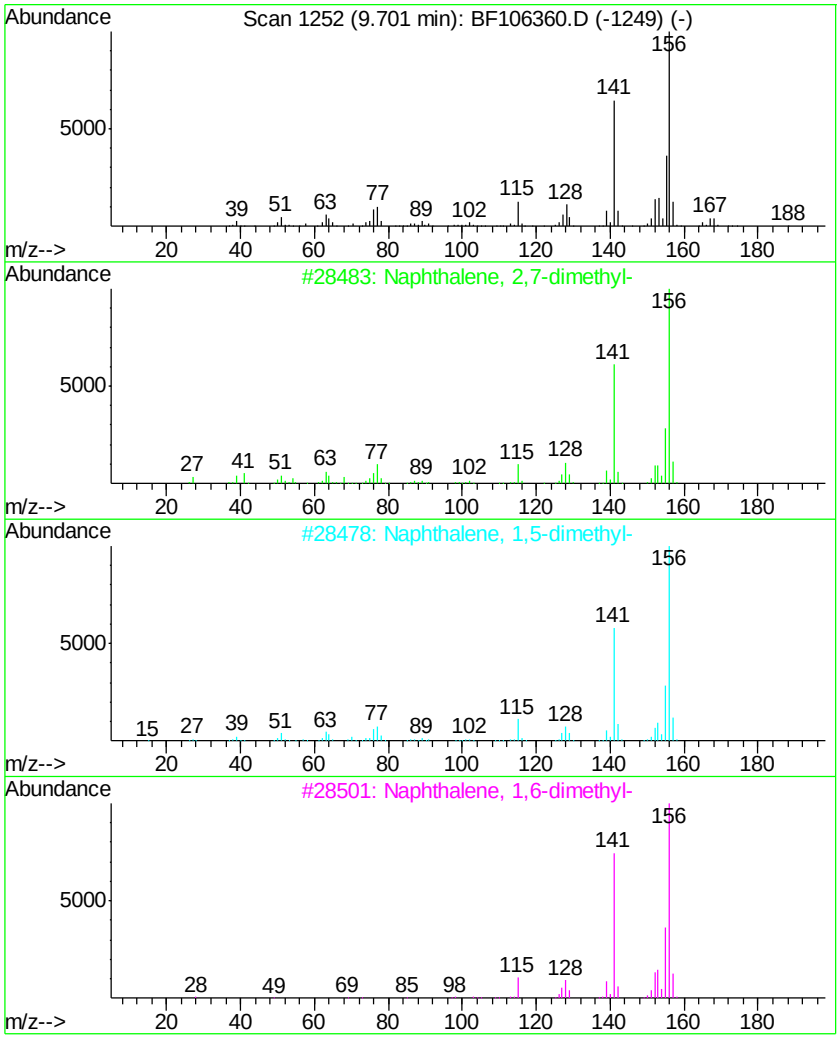
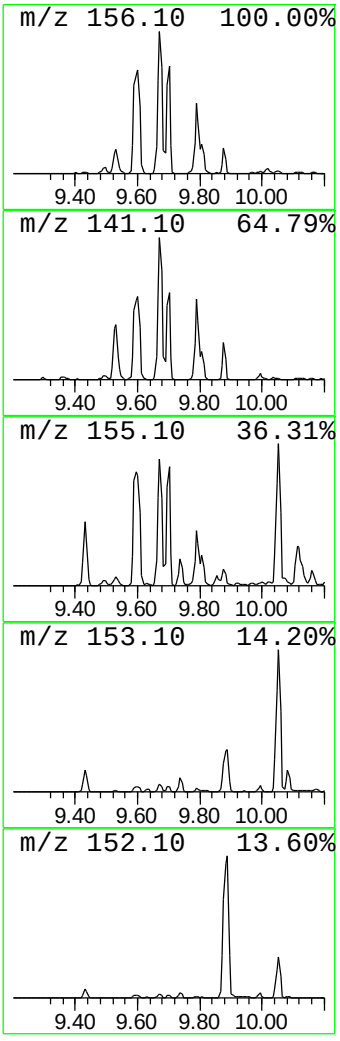
Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	22.00 ng	902508	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2_BOT_7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

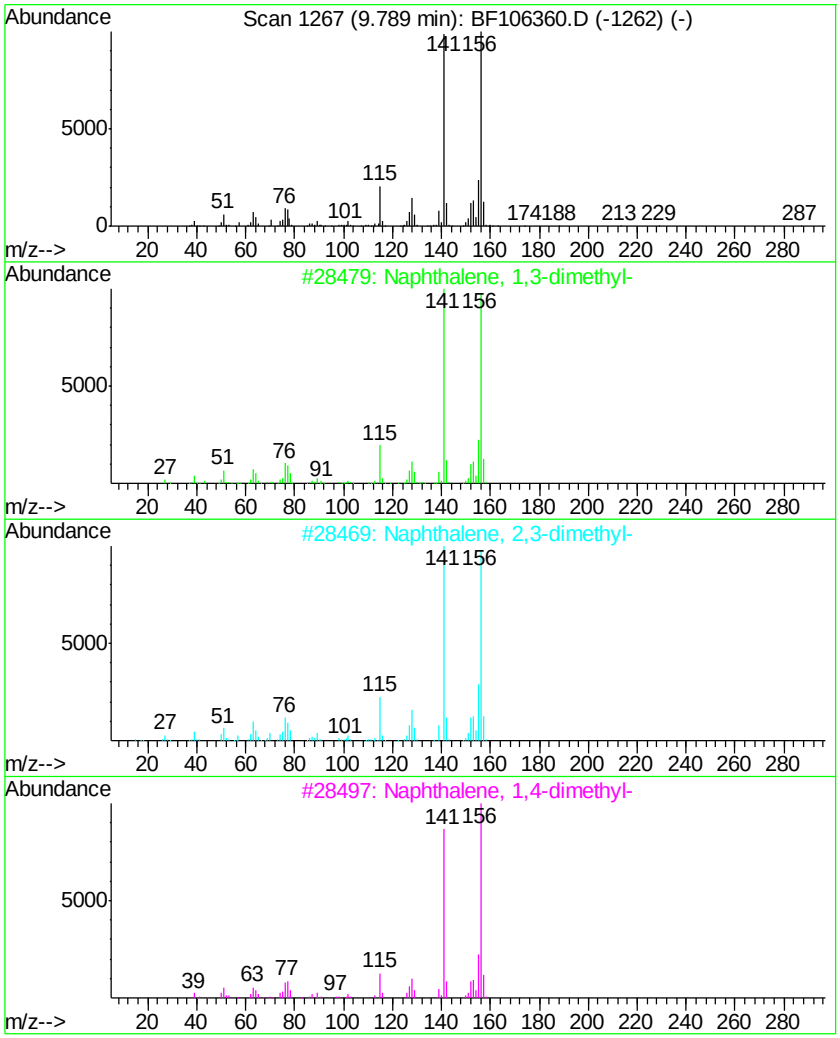
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

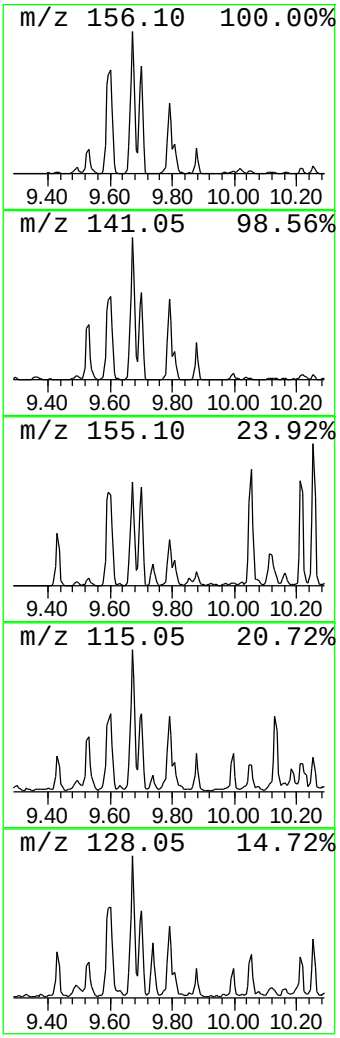
****

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	19.74 ng	809882	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2_BOT_7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

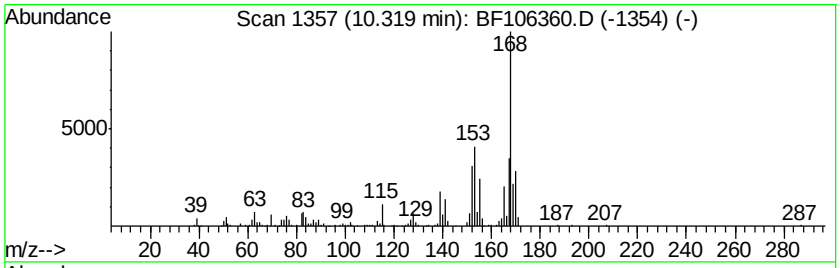
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

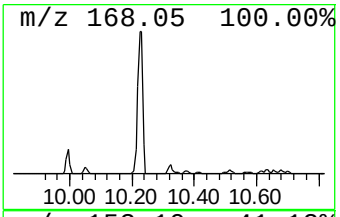
****

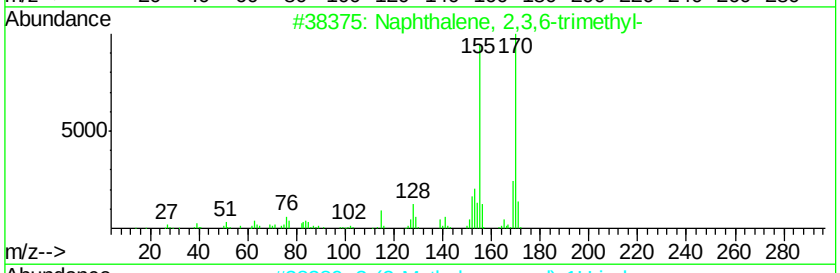
Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

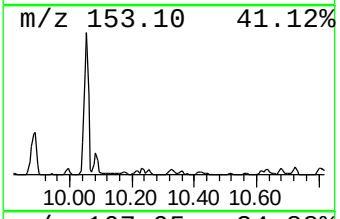
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	19.39 ng	795579	Acenaphthene-d10	10.02

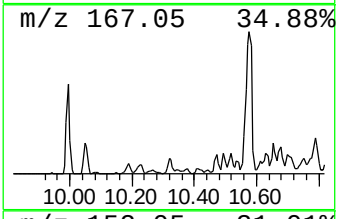
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	55
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	55
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50

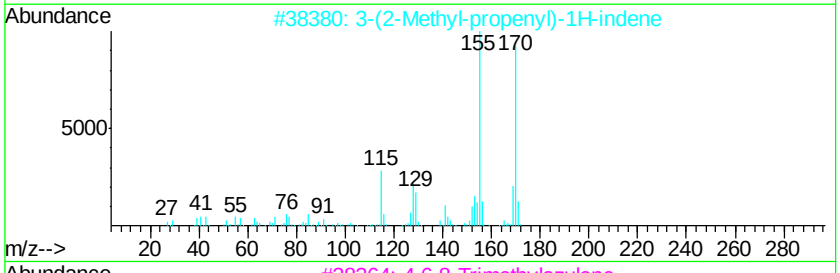


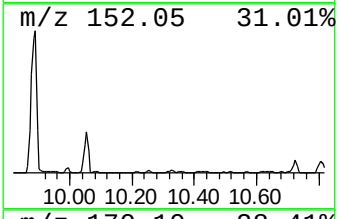


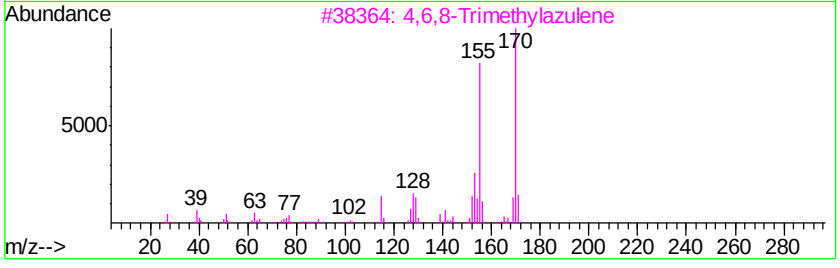


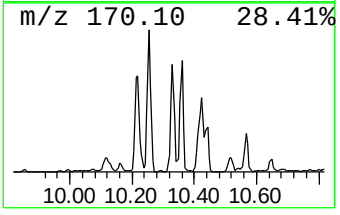












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2_BOT_7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

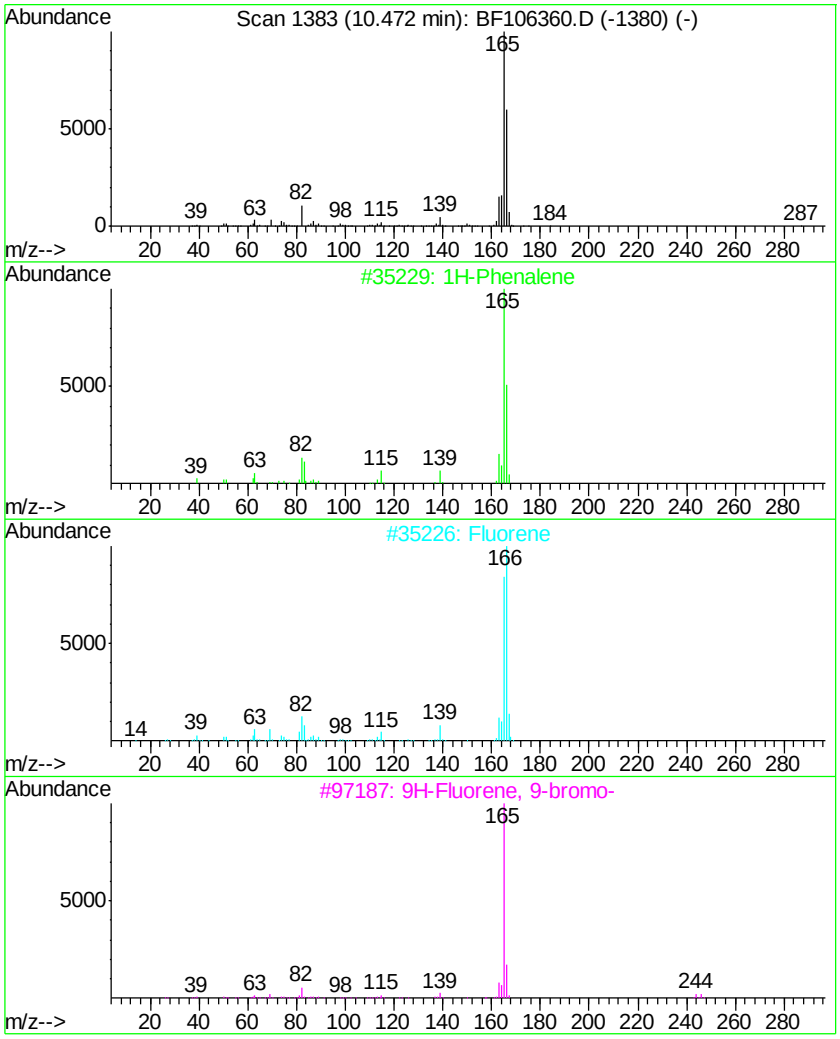
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

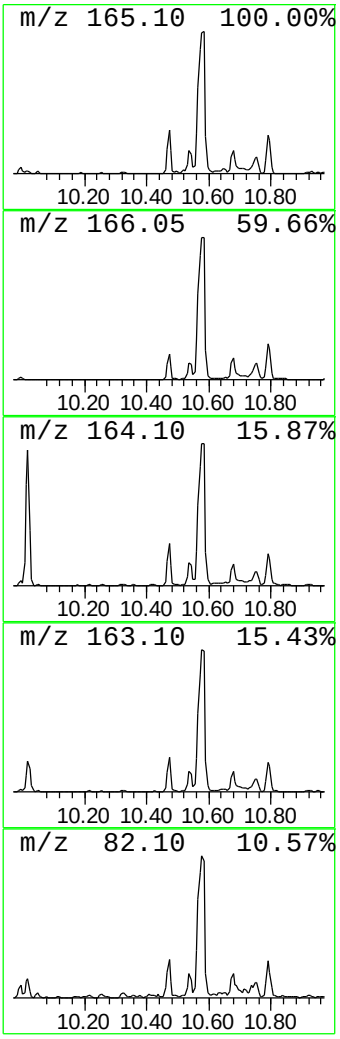
****

Peak Number 7 1H-Phenalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	22.74 ng	932675	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	78
2	Fluorene	166	C13H10	000086-73-7	46
3	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	42
4	Fluorene, 9-benzenesulfonyl-	306	C19H14O2S	022010-78-2	33
5	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	33





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Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2_BOT_7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

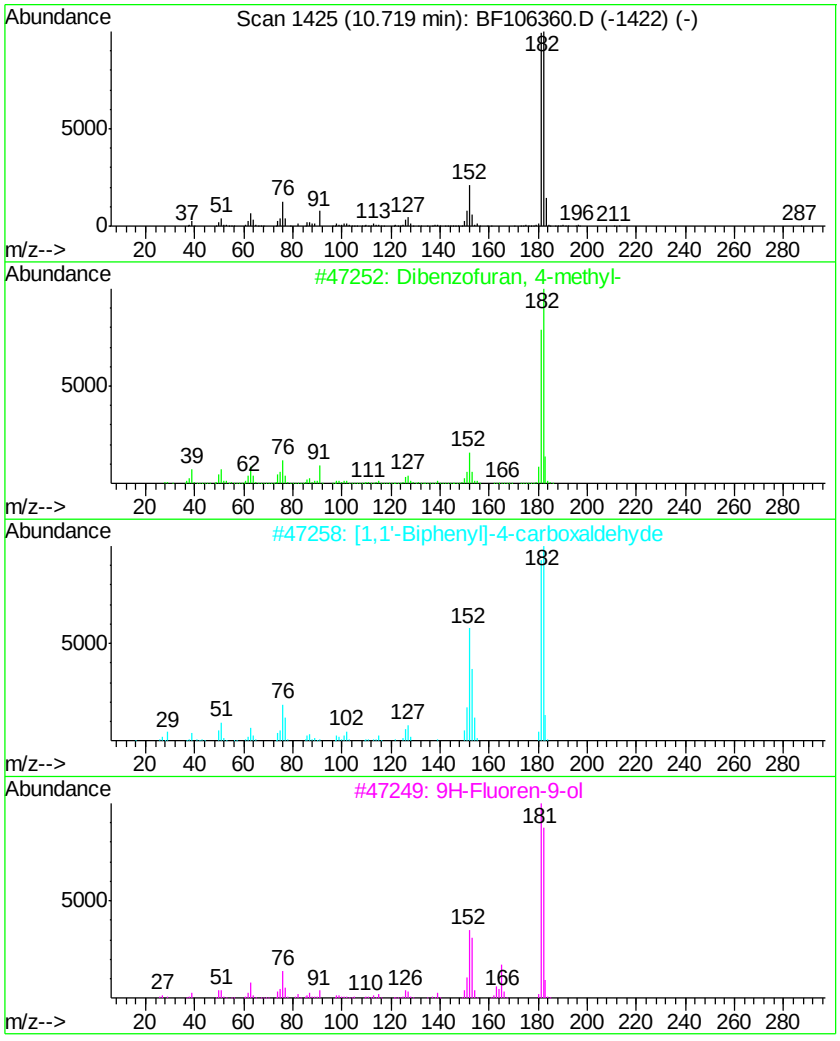
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

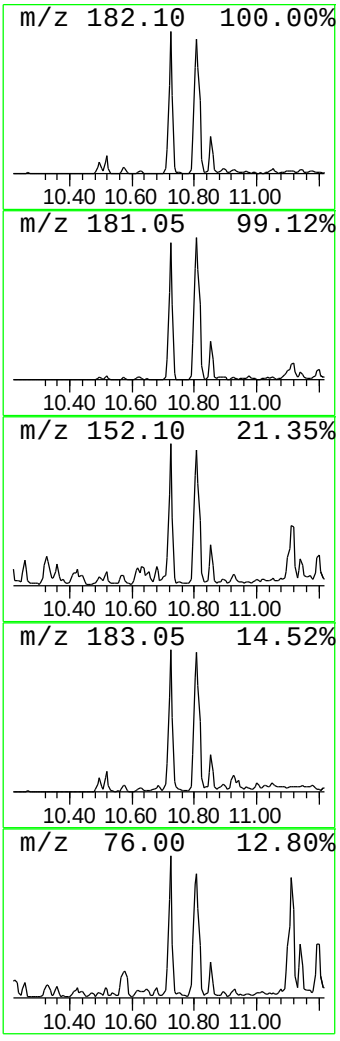
****

Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	54.53 ng	2236830	Acenaphthene-d10	10.02

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	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	64





Library Search Compound Report

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Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2_BOT_7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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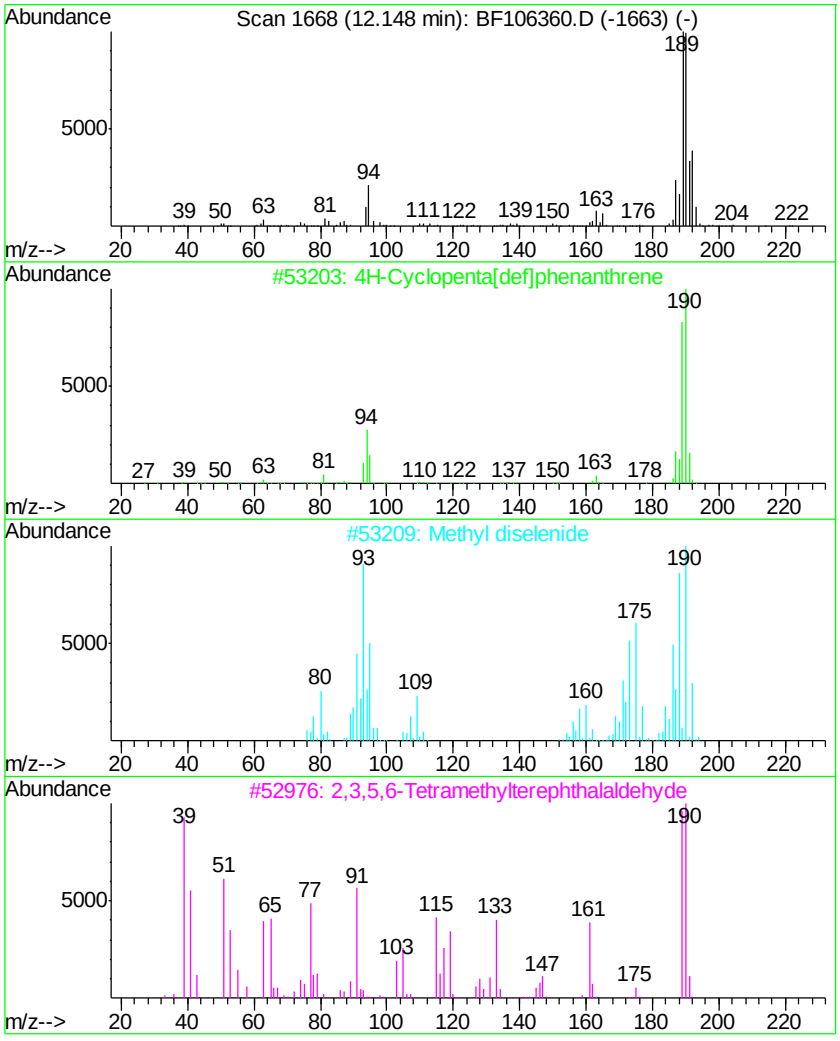
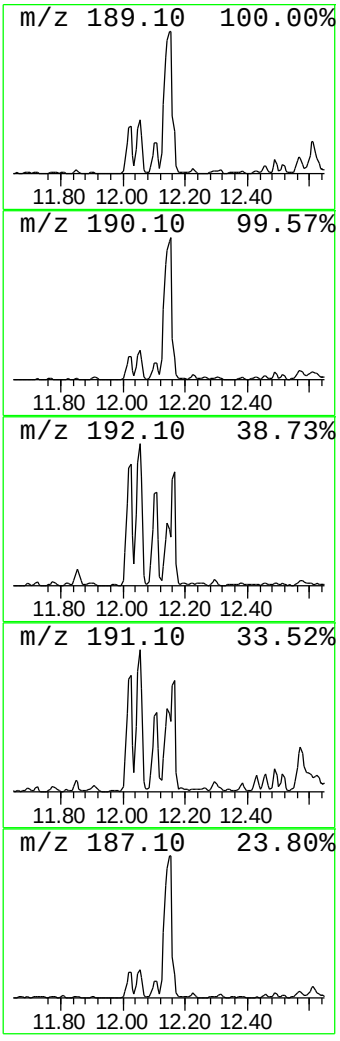
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	14.84 ng	10981700	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	60
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2_BOT_7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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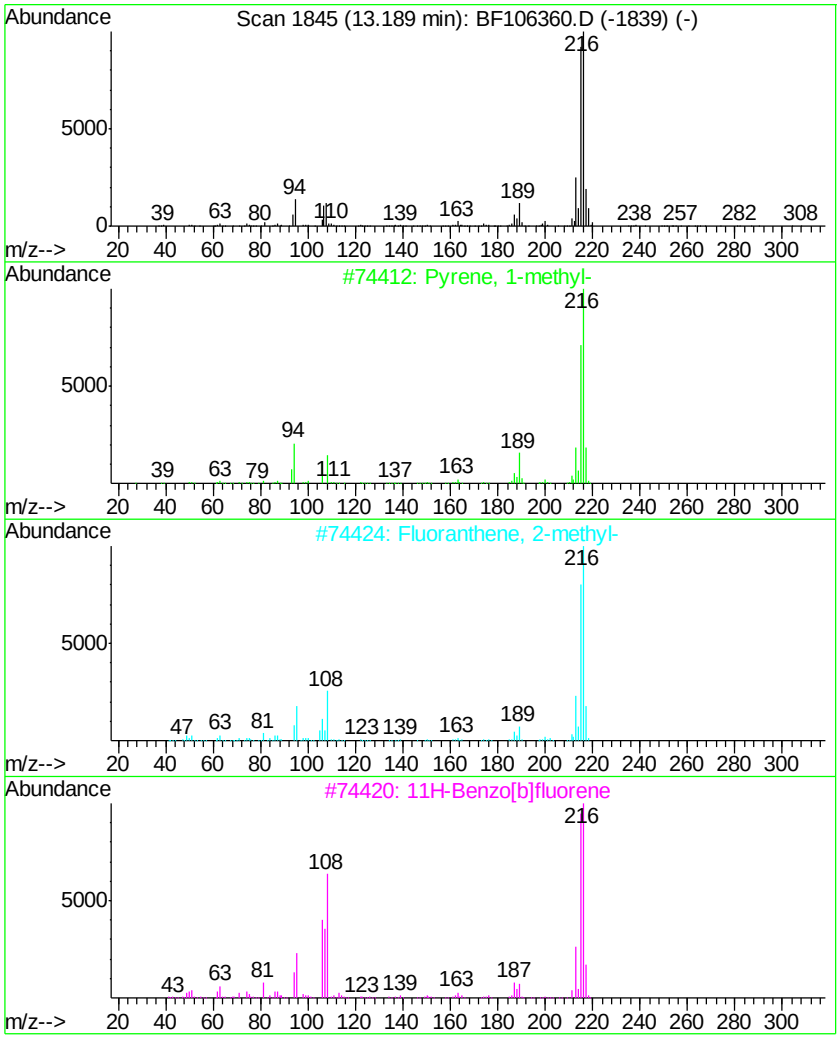
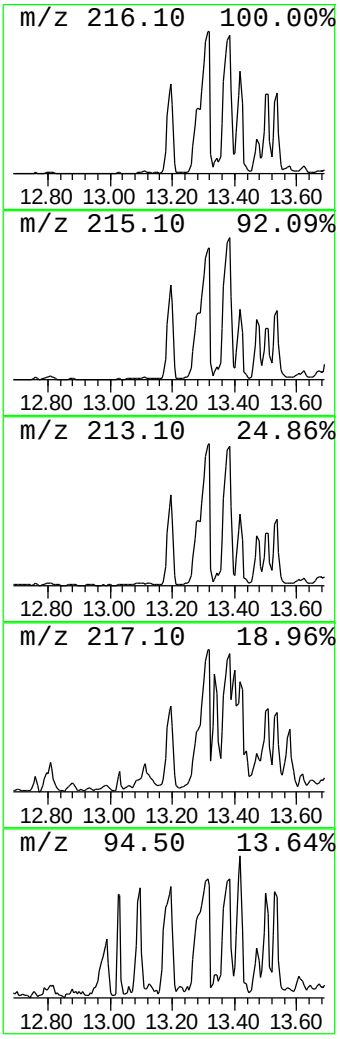
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	12.15 ng	6339730	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2_BOT_7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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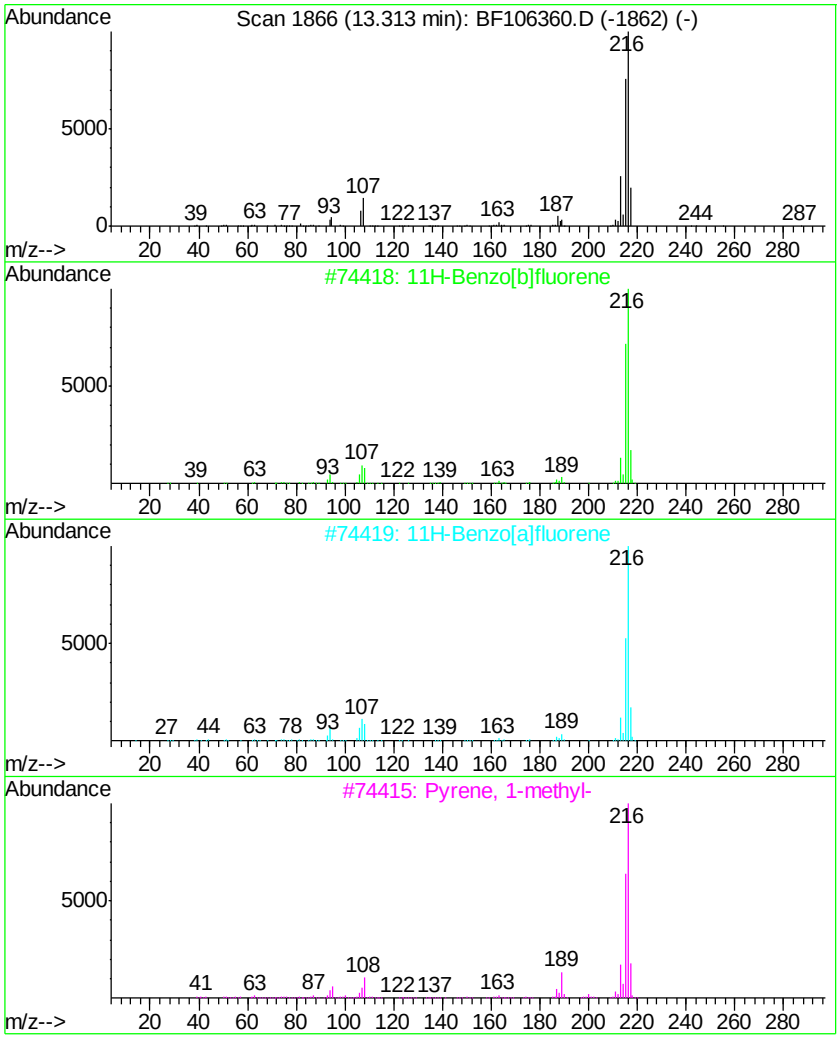
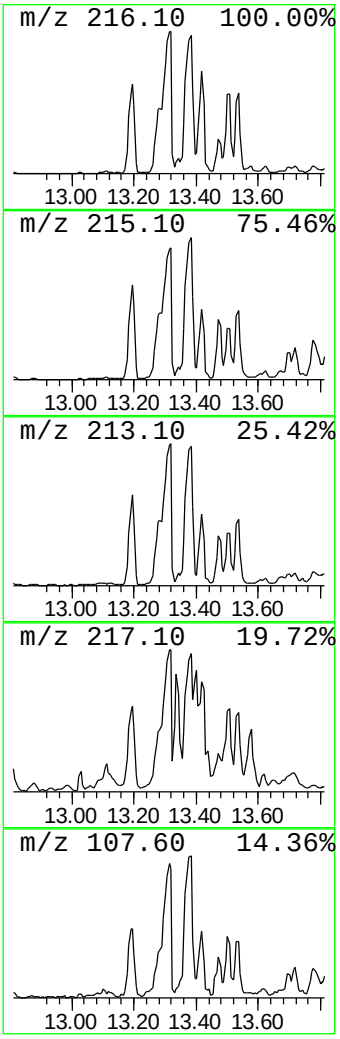
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	12.97 ng	6768920	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2_BOT_7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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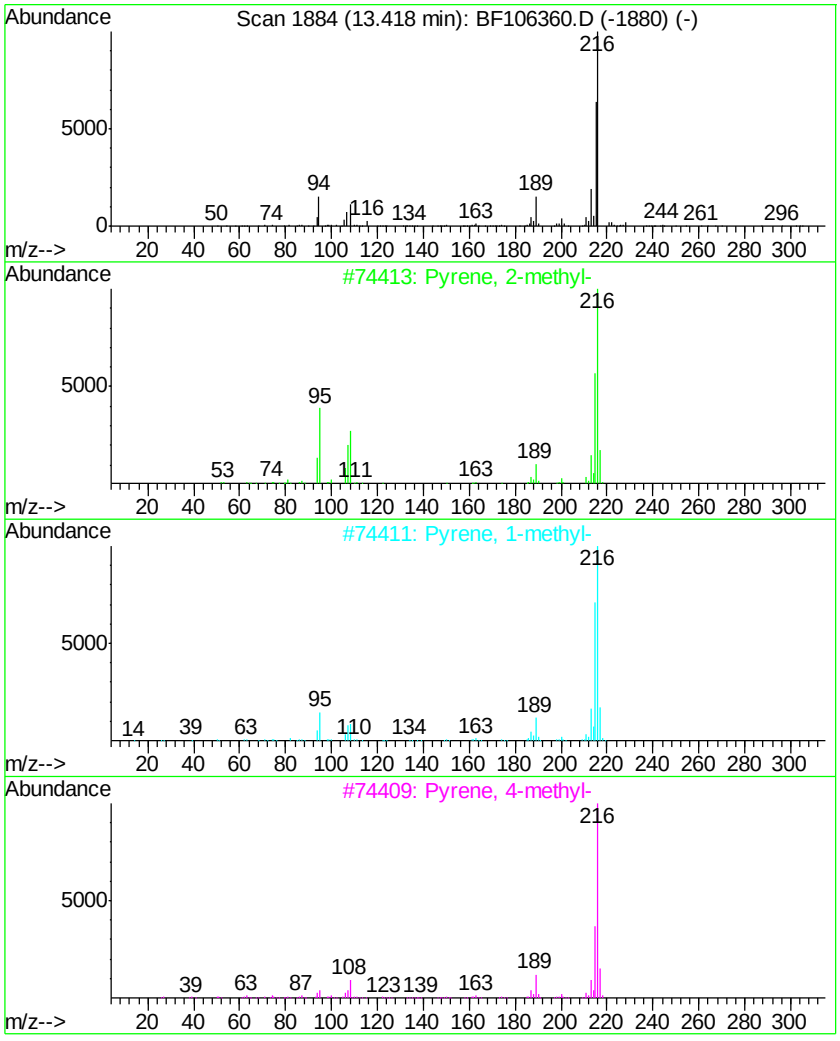
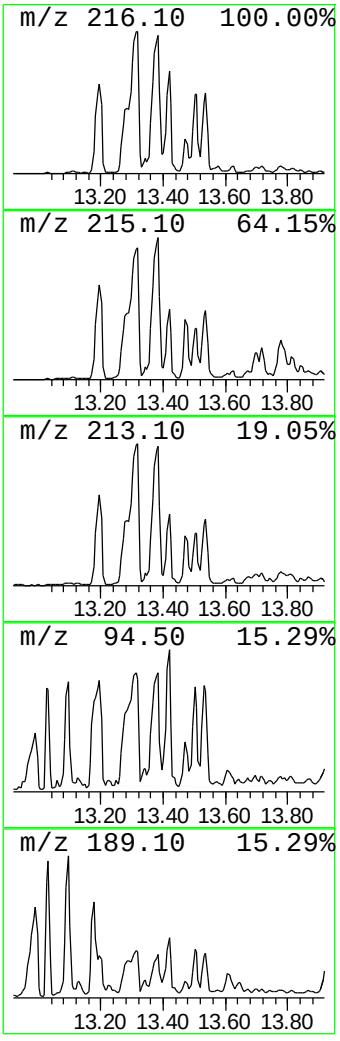
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	11.35 ng	5923880	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2_BOT_7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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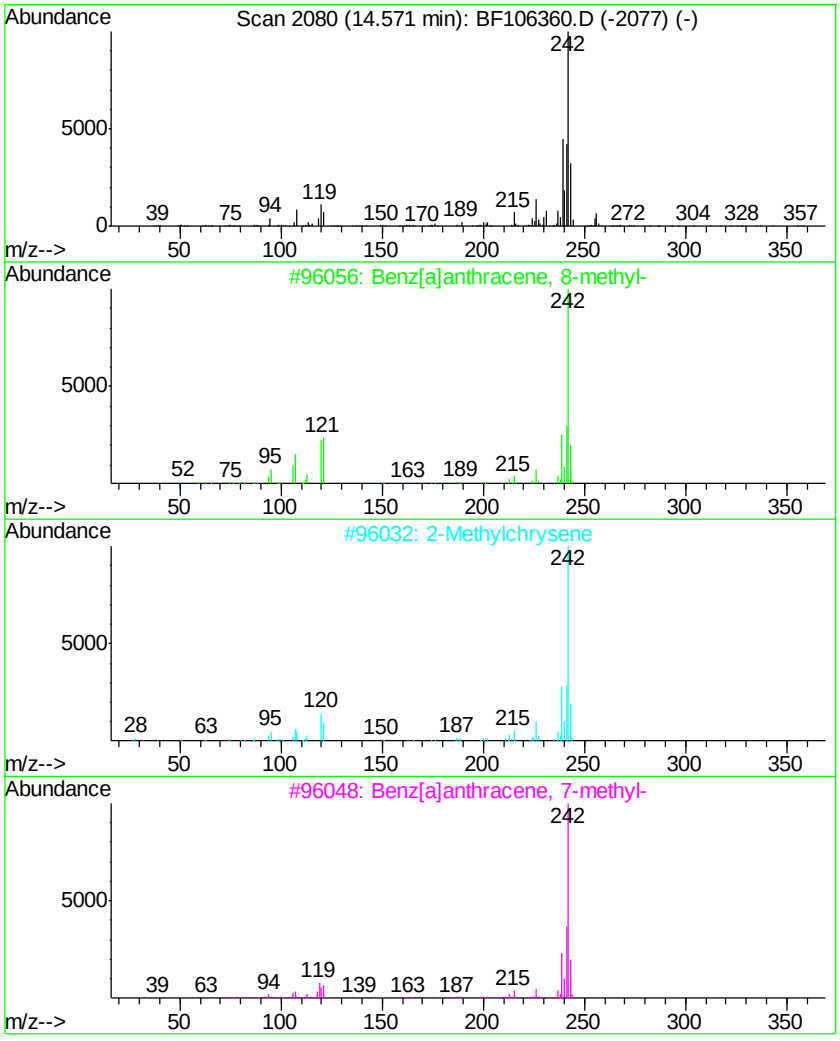
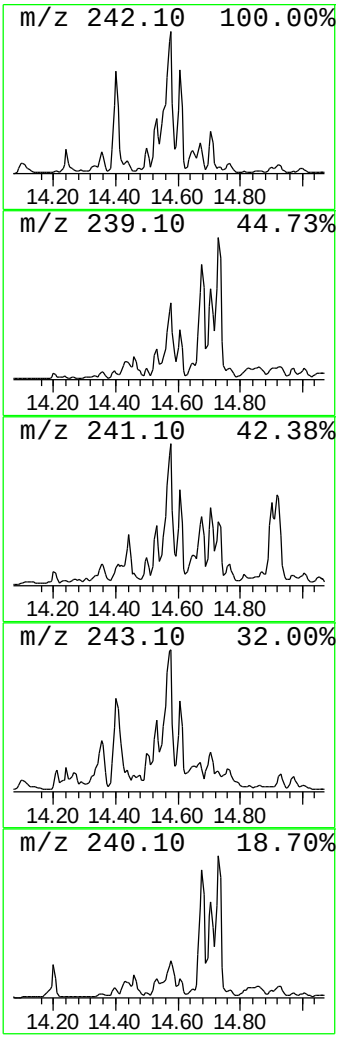
Peak Number 18 Benz[a]anthracene, 8-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	8.18 ng	4269810	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	76
2	2-Methylchrysene	242	C19H14	003351-32-4	76
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	68
4	8,9-Dihydro-7H-cyclopenta[a]pyrene	242	C19H14	082979-72-4	64
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	62





Library Search Compound Report

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Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2_BOT_7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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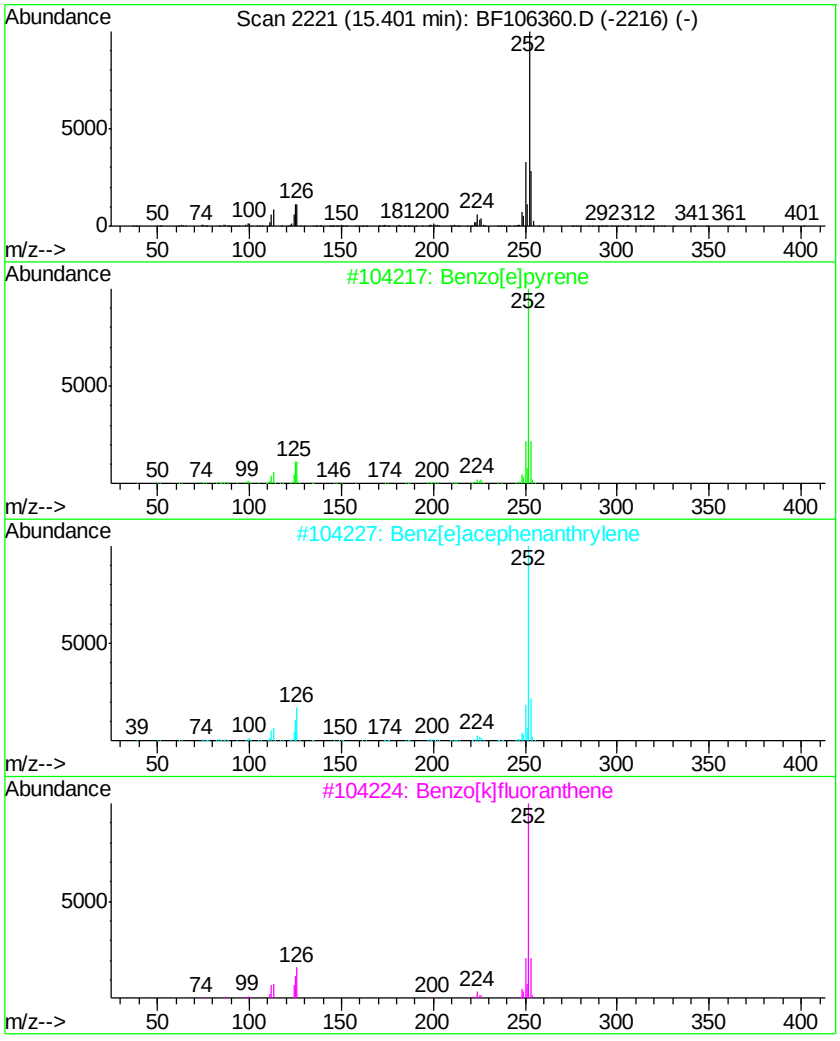
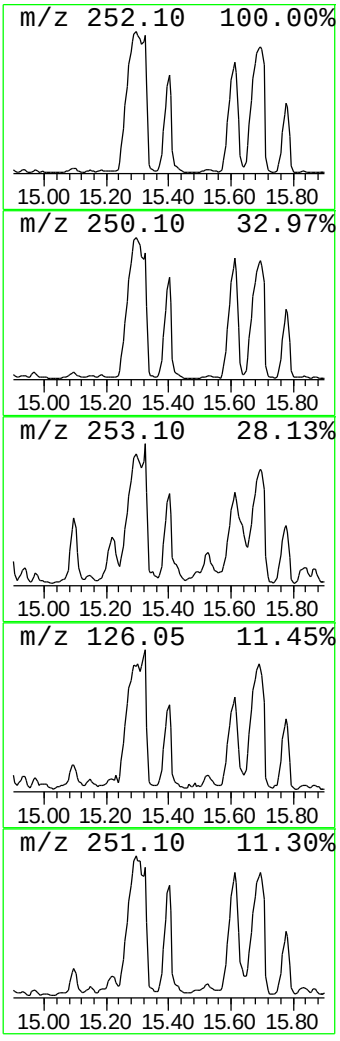
Peak Number 19 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	8.09 ng	4074180	Perylene-d12	15.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061218\
Data File : BF106360.D
Acq On : 12 Jun 2018 22:17
Operator : JU/SJ
Sample : J3322-02 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02-2_BOT_7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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
Naphthalene, 2,6-...	9.60	39.9	ng	1636120	3	10.02	820463	20.0
Naphthalene, 2,3-...	9.67	39.5	ng	1620600	3	10.02	820463	20.0
Naphthalene, 2,7-...	9.70	22.0	ng	902508	3	10.02	820463	20.0
Naphthalene, 1,3-...	9.79	19.7	ng	809882	3	10.02	820463	20.0
Naphthalene, 2,3,...	10.32	19.4	ng	795579	3	10.02	820463	20.0
1H-Phenalene	10.47	22.7	ng	932675	3	10.02	820463	20.0
Dibenzofuran, 4-m...	10.72	54.5	ng	2236830	3	10.02	820463	20.0
4H-Cyclopenta[def...	12.15	14.8	ng	10981700	4	11.52	14798100	20.0
Pyrene, 1-methyl-	13.19	12.2	ng	6339730	5	14.20	10437200	20.0
11H-Benzo[b]fluorene	13.31	13.0	ng	6768920	5	14.20	10437200	20.0
Pyrene, 2-methyl-	13.42	11.4	ng	5923880	5	14.20	10437200	20.0
Benz[a]anthracene...	14.57	8.2	ng	4269810	5	14.20	10437200	20.0
Benzo[e]pyrene	15.40	8.1	ng	4074180	6	15.74	10074600	20.0