LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102916.D
Acq On : 12 Feb 2018 13:18
Operator : SJ/JU
Sample : J1526-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	6	12	26	rVB	404874	565890	5.88%	0.348%
2	5.504	576	581	584	rBV	4116896	3933490	40.85%	2.420%
3	6.510	747	752	763	rVB	3435165	3847161	39.95%	2.367%
4	6.657	772	777	780	rBV	3787963	3852012	40.00%	2.370%
5	6.887	812	816	819	rBV	1152961	1050170	10.91%	0.646%
6	7.040	839	842	846	rVB	3171727	2931603	30.44%	1.804%
7	7.445	904	911	914	rBV	2697386	2627344	27.28%	1.617%
8	8.169	1030	1034	1036	rBV	1534354	1355997	14.08%	0.834%
9	9.239	1211	1216	1220	rBV	3817691	3692233	38.34%	2.272%
10	9.510	1257	1262	1265	rBV	354453	476812	4.95%	0.293%
11	9.581	1270	1274	1276	rBV	668496	631801	6.56%	0.389%
12	9.633	1280	1283	1290	rVB2	1048785	1024660	10.64%	0.630%
13	9.781	1305	1308	1312	rBV2	734452	722328	7.50%	0.444%
14	9.904	1324	1329	1330	rBV2	351339	409355	4.25%	0.252%
15	9.922	1330	1332	1335	rVV	1502649	1332625	13.84%	0.820%
16	9.957	1335	1338	1341	rVB	1354153	1098797	11.41%	0.676%
17	10.028	1346	1350	1354	rBV4	236378	392370	4.07%	0.241%
18	10.128	1363	1367	1370	rVB2	920081	910191	9.45%	0.560%
19	10.163	1370	1373	1378	rBV2	536096	461822	4.80%	0.284%
20	10.239	1382	1386	1388	rBV2	436218	479783	4.98%	0.295%
21	10.328	1397	1401	1403	rBV3	354127	541968	5.63%	0.333%
22	10.345	1403	1404	1407	rVB	602188	383342	3.98%	0.236%
23	10.475	1422	1426	1431	rVV	2335839	2232193	23.18%	1.373%
24	10.539	1431	1437	1438	rBV2	375570	534475	5.55%	0.329%
25	10.557	1438	1440	1443	rVV3	598597	666281	6.92%	0.410%
26	10.628	1449	1452	1455	rVB	713717	664002	6.90%	0.409%
27	10.716	1460	1467	1471	rBV3	2366530	2818221	29.27%	1.734%
28	10.822	1482	1485	1490	rBV2	702407	1068617	11.10%	0.658%
29	11.022	1515	1519	1521	rVV2	924474	1028540	10.68%	0.633%
30	11.051	1521	1524	1527	rVB	545999	472198	4.90%	0.291%
31	11.104	1531	1533	1536	rVB	547137	422643	4.39%	0.260%
32	11.145	1536	1540	1542	rBV2	384479	592485	6.15%	0.365%
33	11.269	1557	1561	1563	rBV2	534622	626218	6.50%	0.385%
34	11.310	1564	1568	1573	rVB2	1061709	1272088	13.21%	0.783%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102916.D
Acq On : 12 Feb 2018 13:18
Operator : SJ/JU
Sample : J1526-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.375	1575	1579	1582	rVB	3191004	2899152	30.11%	1.784%
36	11.457	1587	1593	1595	rVV	5470673	8203736	85.19%	5.048%
37	11.504	1595	1601	1602	rVV	3927708	4210828	43.73%	2.591%
38	11.516	1602	1603	1607	rVV2	1829892	1526499	15.85%	0.939%
39	11.592	1614	1616	1618	rVV	566780	475696	4.94%	0.293%
40	11.622	1618	1621	1623	rVV	806896	744415	7.73%	0.458%
41	11.645	1623	1625	1628	rVV2	475417	587798	6.10%	0.362%
42	11.710	1631	1636	1638	rVV2	729197	916535	9.52%	0.564%
43	11.745	1639	1642	1646	rVV2	615946	745164	7.74%	0.459%
44	11.922	1668	1672	1674	rBV	2065128	2161587	22.45%	1.330%
45	11.951	1674	1677	1680	rVB	2556828	2379890	24.71%	1.464%
46	11.998	1681	1685	1688	rBV	1179019	1174706	12.20%	0.723%
47	12.039	1688	1692	1694	rVV2	2802704	3648718	37.89%	2.245%
48	12.057	1694	1695	1697	rVB	1561783	746288	7.75%	0.459%
49	12.216	1718	1722	1724	rBV	1650459	1526712	15.85%	0.939%
50	12.392	1749	1752	1754	rVB2	630696	557445	5.79%	0.343%
51	12.469	1761	1765	1768	rBV	977439	1143307	11.87%	0.703%
52	12.510	1768	1772	1774	rVV3	604648	792958	8.23%	0.488%
53	12.563	1777	1781	1785	rBV3	408710	670749	6.97%	0.413%
54	12.651	1789	1796	1798	rBV	5205192	8196510	85.12%	5.043%
55	12.727	1806	1809	1812	rVB	482372	485429	5.04%	0.299%
56	12.880	1827	1835	1838	rBV3	5071694	9629510	100.00%	5.925%
57	12.910	1838	1840	1845	rVB2	763646	798083	8.29%	0.491%
58	12.980	1849	1852	1853	rBV	741862	712979	7.40%	0.439%
59	12.998	1853	1855	1858	rVB	1793838	1580306	16.41%	0.972%
60	13.086	1864	1870	1873	rBV2	892798	1598071	16.60%	0.983%
61	13.169	1880	1884	1885	rVV3	721949	885854	9.20%	0.545%
62	13.192	1885	1888	1891	rVB	2370859	2499150	25.95%	1.538%
63	13.263	1896	1900	1902	rVV	2404265	2285080	23.73%	1.406%
64	13.298	1902	1906	1908	rVV2	1413255	1576614	16.37%	0.970%
65	13.386	1918	1921	1924	rBV	789413	751509	7.80%	0.462%
66	13.421	1924	1927	1929	rVV	930767	783661	8.14%	0.482%
67	13.563	1948	1951	1953	rBV3	313481	372539	3.87%	0.229%
68	13.668	1966	1969	1972	rBV2	518782	753356	7.82%	0.464%
69	13.698	1972	1974	1978	rVB2	448990	557117	5.79%	0.343%
70	13.810	1989	1993	1995	rBV	1075956	1150218	11.94%	0.708%
71	13.839	1995	1998	2000	rVB	976409	807787	8.39%	0.497%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102916.D
Acq On : 12 Feb 2018 13:18
Operator : SJ/JU
Sample : J1526-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.863	2000	2002	2005	rBV2	652515	816524	8.48%	0.502%
73	14.063	2028	2036	2039	rBV2	4028050	7077450	73.50%	4.355%
74	14.098	2039	2042	2048	rVV	3820270	4483935	46.56%	2.759%
75	14.174	2052	2055	2058	rVV	1197512	1231525	12.79%	0.758%
76	14.204	2058	2060	2065	rVV4	575477	881879	9.16%	0.543%
77	14.286	2070	2074	2077	rVV2	572346	877445	9.11%	0.540%
78	14.410	2092	2095	2097	rBV2	399429	399886	4.15%	0.246%
79	14.451	2097	2102	2104	rVV	1237942	1555759	16.16%	0.957%
80	14.480	2104	2107	2110	rVV2	729378	616973	6.41%	0.380%
81	14.545	2110	2118	2120	rVV3	815914	1325682	13.77%	0.816%
82	14.574	2120	2123	2124	rVV	713578	618485	6.42%	0.381%
83	14.592	2124	2126	2130	rVB2	1047976	1028472	10.68%	0.633%
84	14.639	2130	2134	2140	rVB4	543856	862331	8.96%	0.531%
85	14.951	2183	2187	2194	rVV2	341391	511520	5.31%	0.315%
86	15.127	2210	2217	2220	rBV	2765467	5959875	61.89%	3.667%
87	15.227	2230	2234	2238	rVB	989047	988324	10.26%	0.608%
88	15.433	2263	2269	2275	rVB	1900663	3121068	32.41%	1.920%
89	15.510	2275	2282	2285	rBV	2874307	4390660	45.60%	2.702%
90	15.557	2285	2290	2293	rVV2	747038	1211890	12.59%	0.746%
91	15.592	2293	2296	2301	rVB2	1066372	1368203	14.21%	0.842%
92	15.921	2349	2352	2359	rVB4	216631	384560	3.99%	0.237%
93	15.998	2361	2365	2370	rBV3	309832	495281	5.14%	0.305%
94	16.051	2370	2374	2378	rBV2	220751	401947	4.17%	0.247%
95	16.133	2384	2388	2392	rVB	353294	481442	5.00%	0.296%
96	17.074	2540	2548	2555	rBV2	1078338	2277479	23.65%	1.401%
97	17.239	2571	2576	2582	rBV	284107	554476	5.76%	0.341%
98	17.304	2582	2587	2592	rBV2	211245	419187	4.35%	0.258%
99	17.539	2618	2627	2636	rVB	796551	1948407	20.23%	1.199%
100	17.768	2661	2666	2675	rVB	278646	575731	5.98%	0.354%

Sum of corrected areas: 162522067

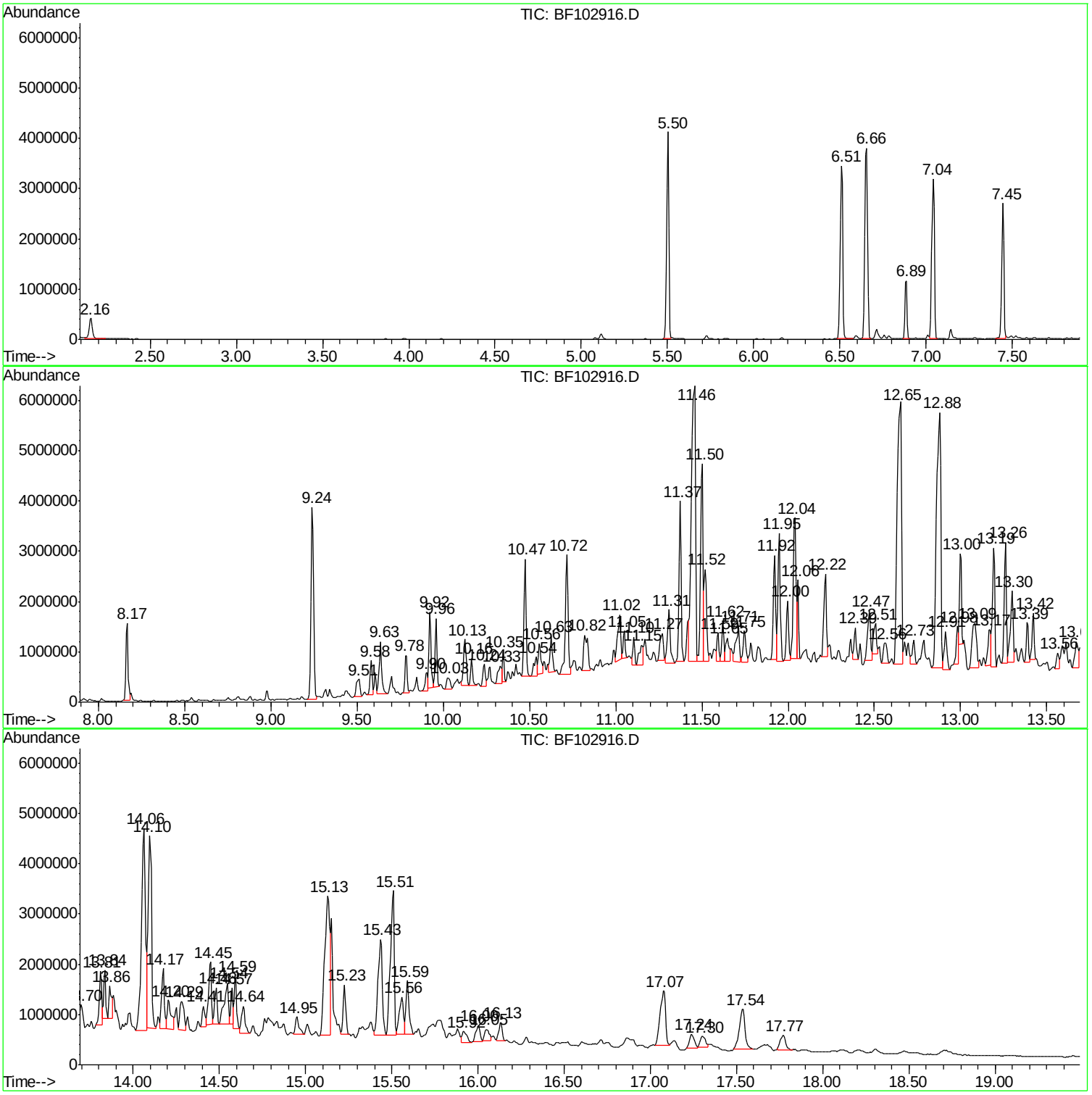
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102916.D
Acq On : 12 Feb 2018 13:18
Operator : SJ/JU
Sample : J1526-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102916.D
Acq On : 12 Feb 2018 13:18
Operator : SJ/JU
Sample : J1526-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

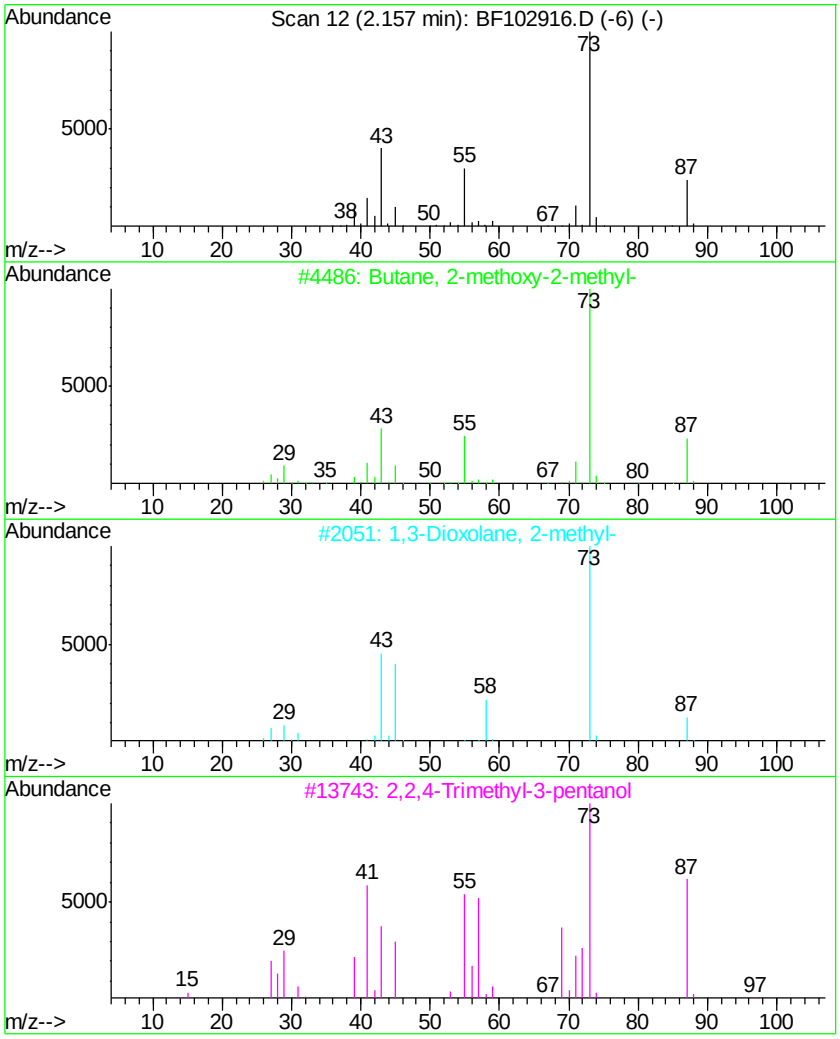
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

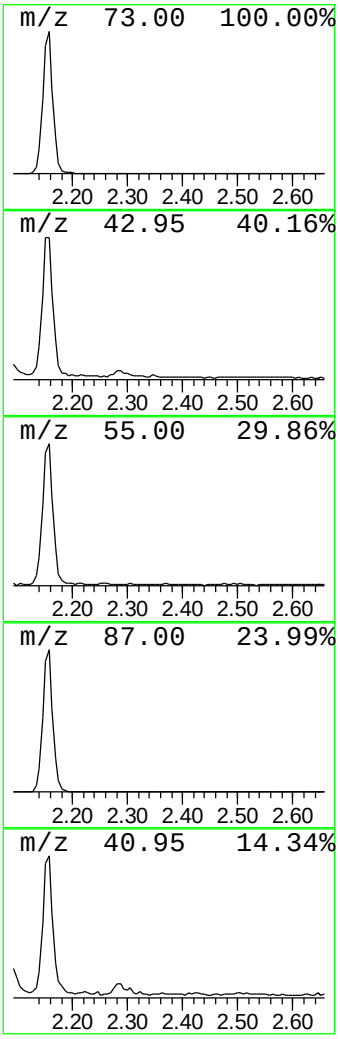
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	10.78 ng	565890	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102916.D
Acq On : 12 Feb 2018 13:18
Operator : SJ/JU
Sample : J1526-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

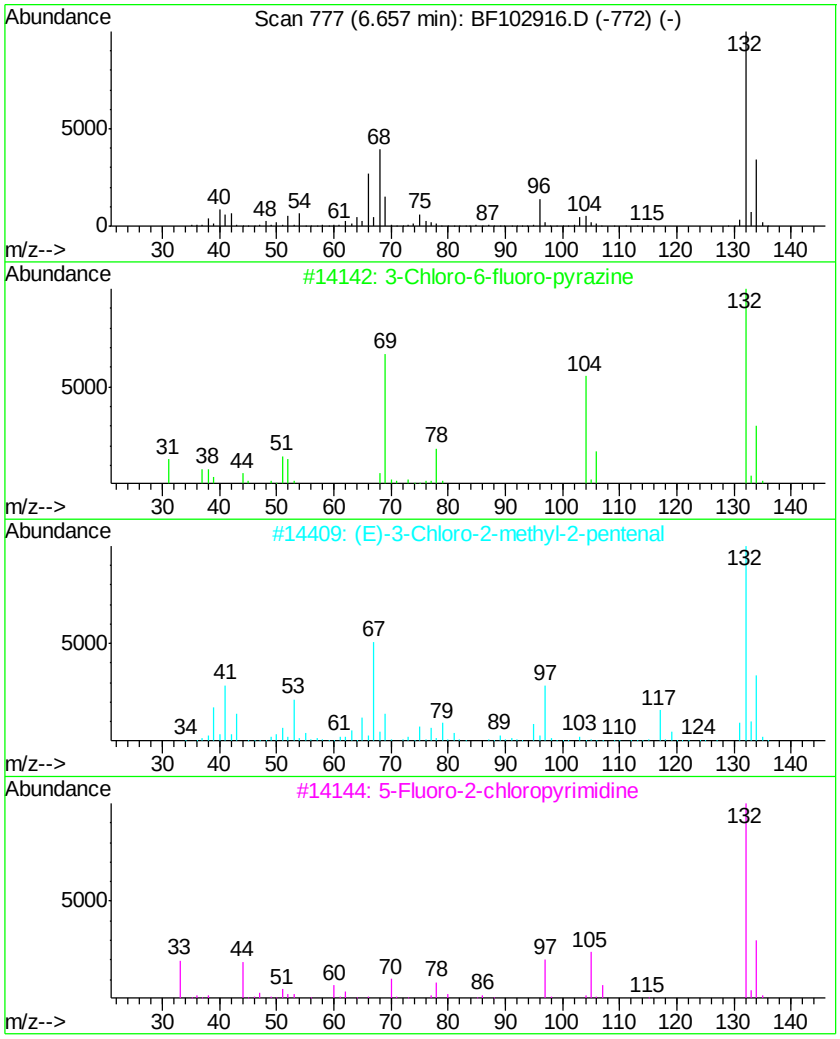
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

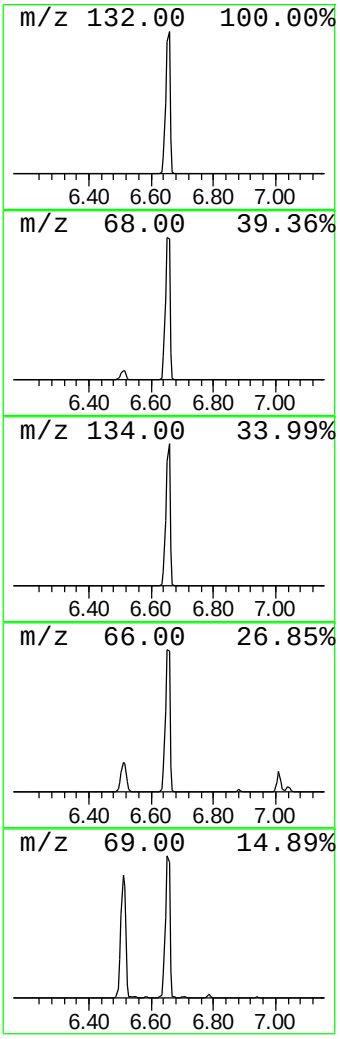
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	73.36 ng	3852010	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102916.D
Acq On : 12 Feb 2018 13:18
Operator : SJ/JU
Sample : J1526-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

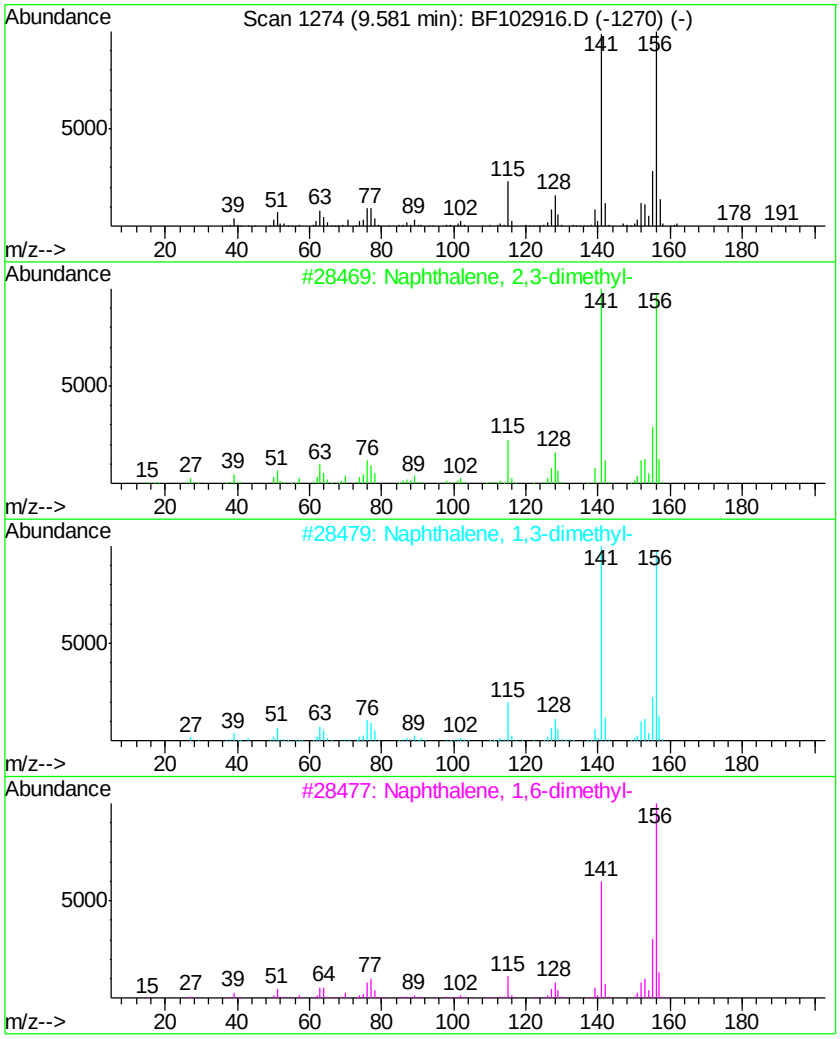
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

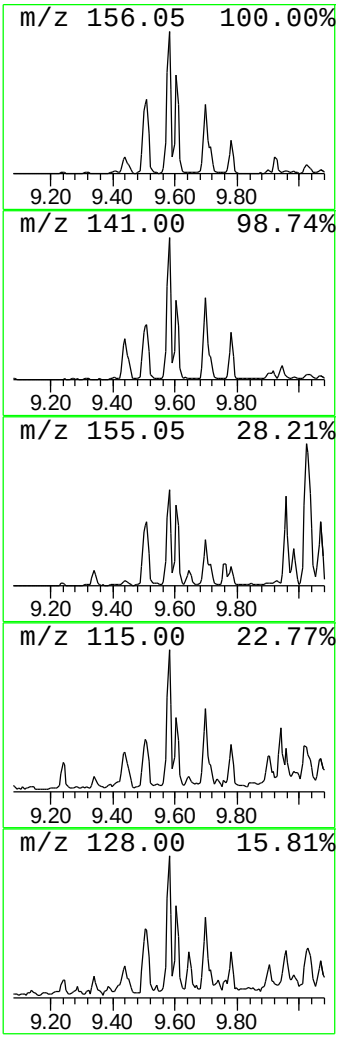
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	9.48 ng	631801	Acenaphthene-d10	9.92

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, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102916.D
Acq On : 12 Feb 2018 13:18
Operator : SJ/JU
Sample : J1526-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

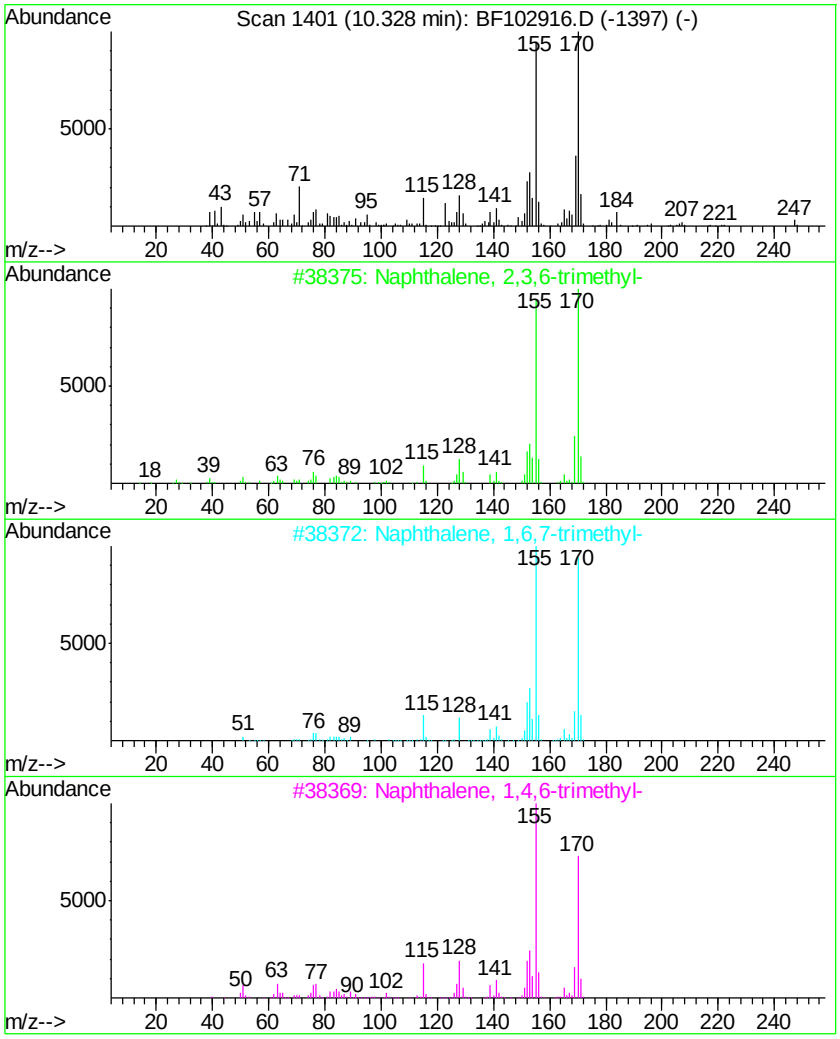
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

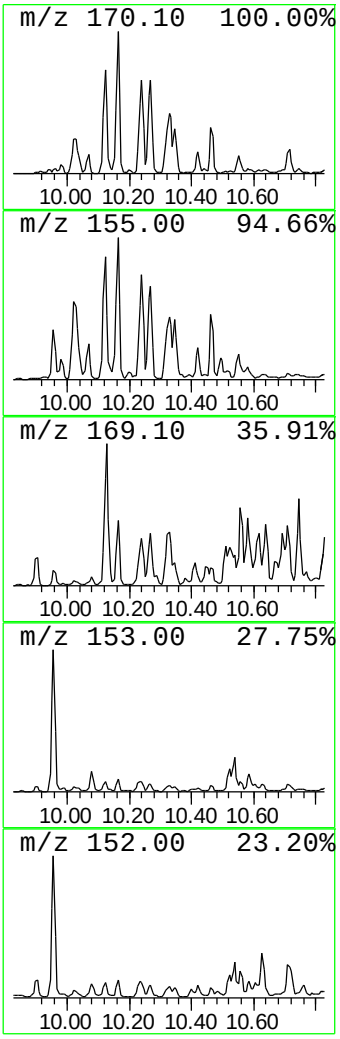
****

Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	8.13 ng	541968	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
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





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102916.D
Acq On : 12 Feb 2018 13:18
Operator : SJ/JU
Sample : J1526-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

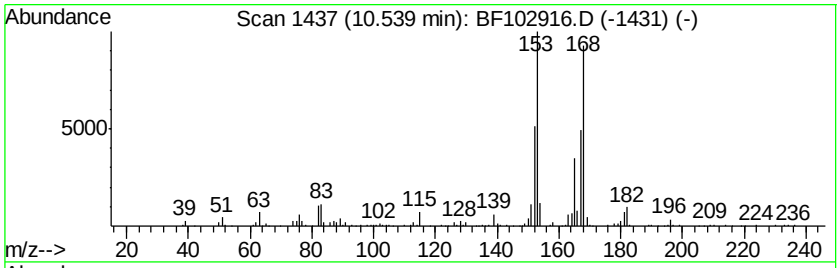
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

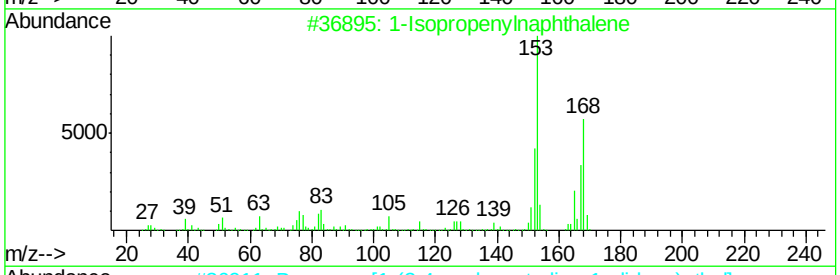
****

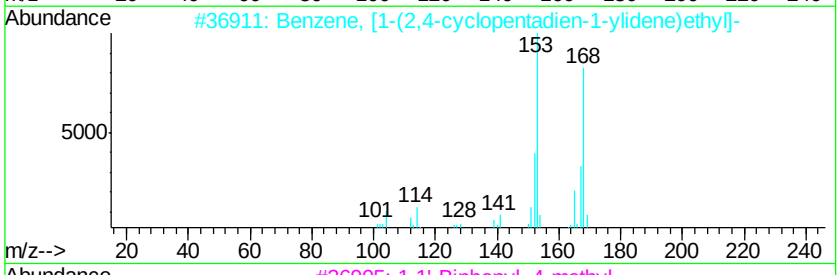
Peak Number 6 1-Isopropenylnaphthalene Concentration Rank 20

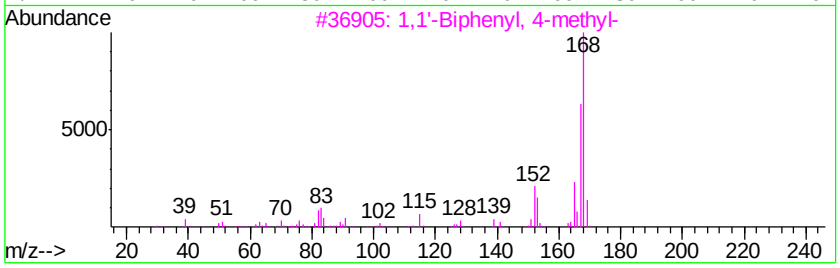
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	8.02 ng	534475	Acenaphthene-d10	9.92

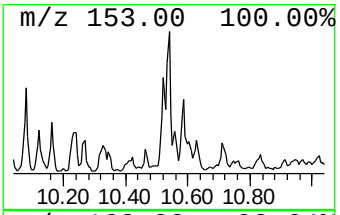
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	91
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	52
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	43
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43

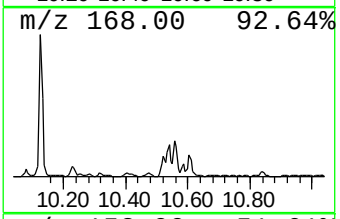


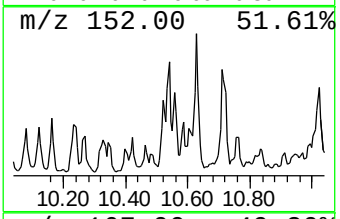


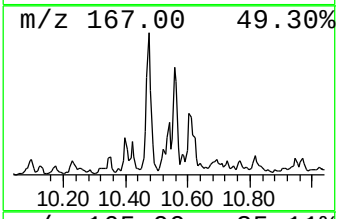


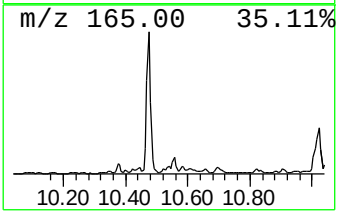












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Sample : J1526-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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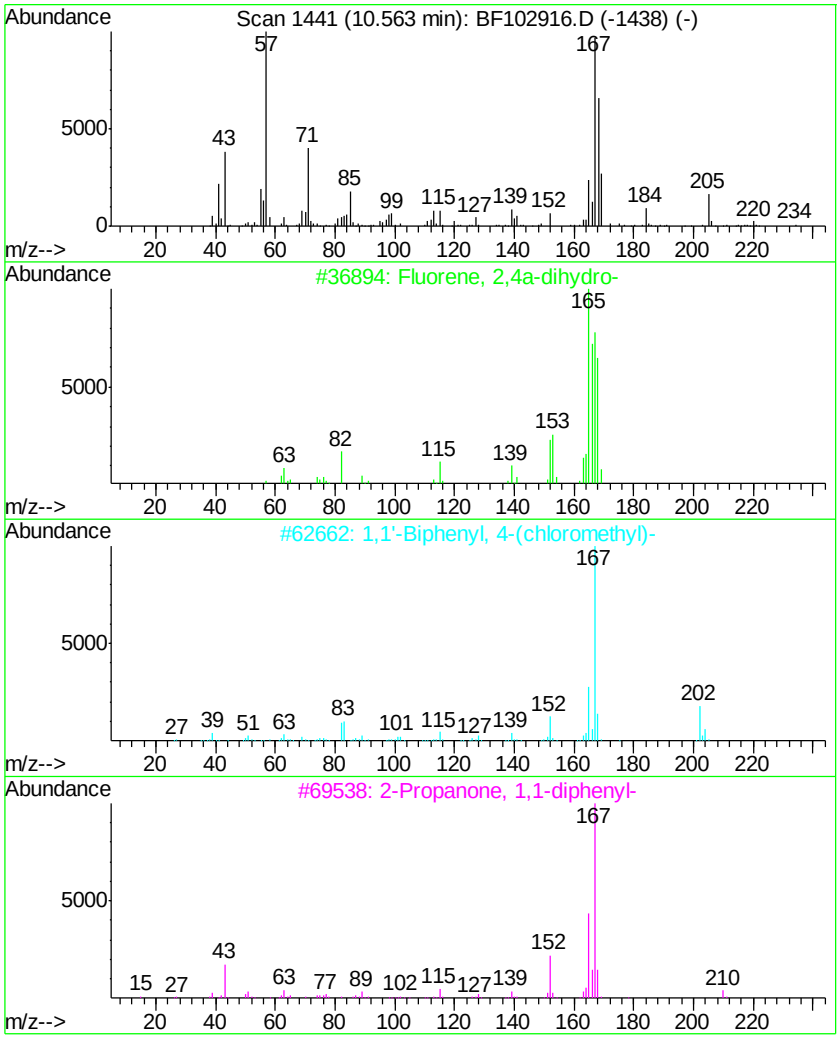
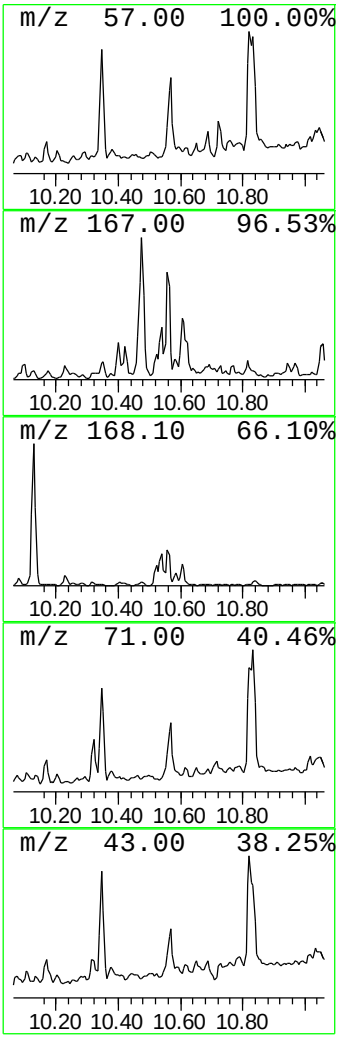
Peak Number 7 unknown10.56 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	10.00 ng	666281	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	38
2	1,1'-Biphenyl, 4-(chloromethyl)-	202	C13H11Cl	001667-11-4	35
3	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	35
4	4-Propyl-1,1'-diphenyl	196	C15H16	010289-45-9	35
5	Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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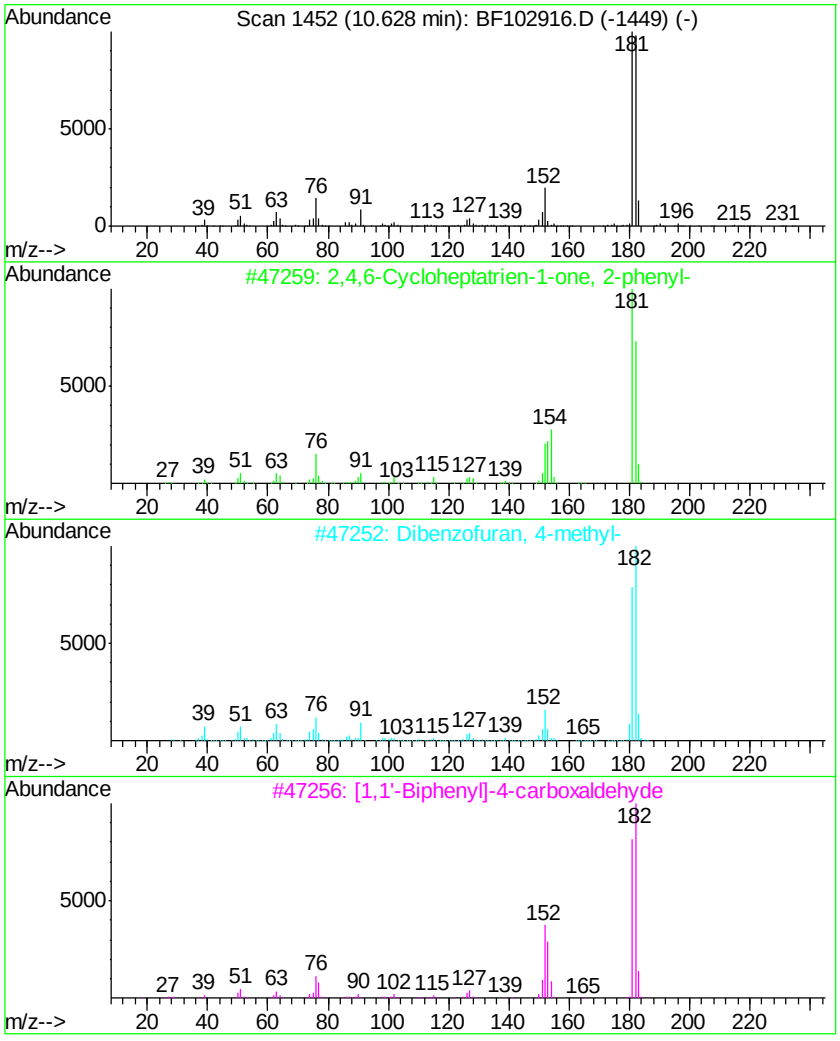
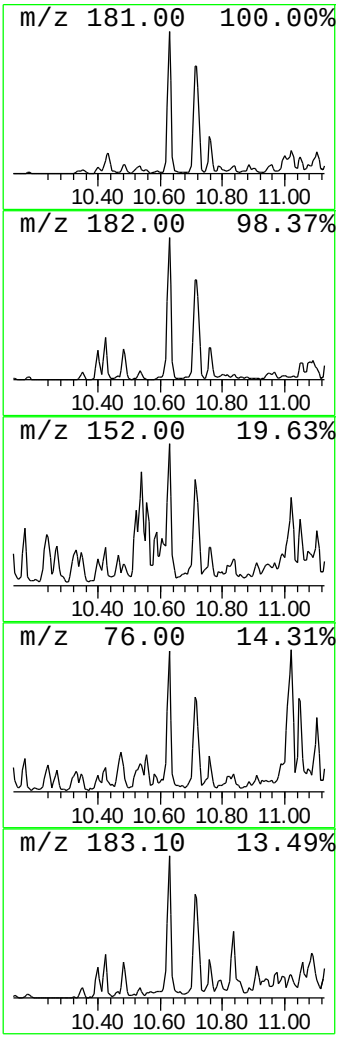
Peak Number 8 2,4,6-Cycloheptatrien-1-one... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	9.97 ng	664002	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	68





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Misc :
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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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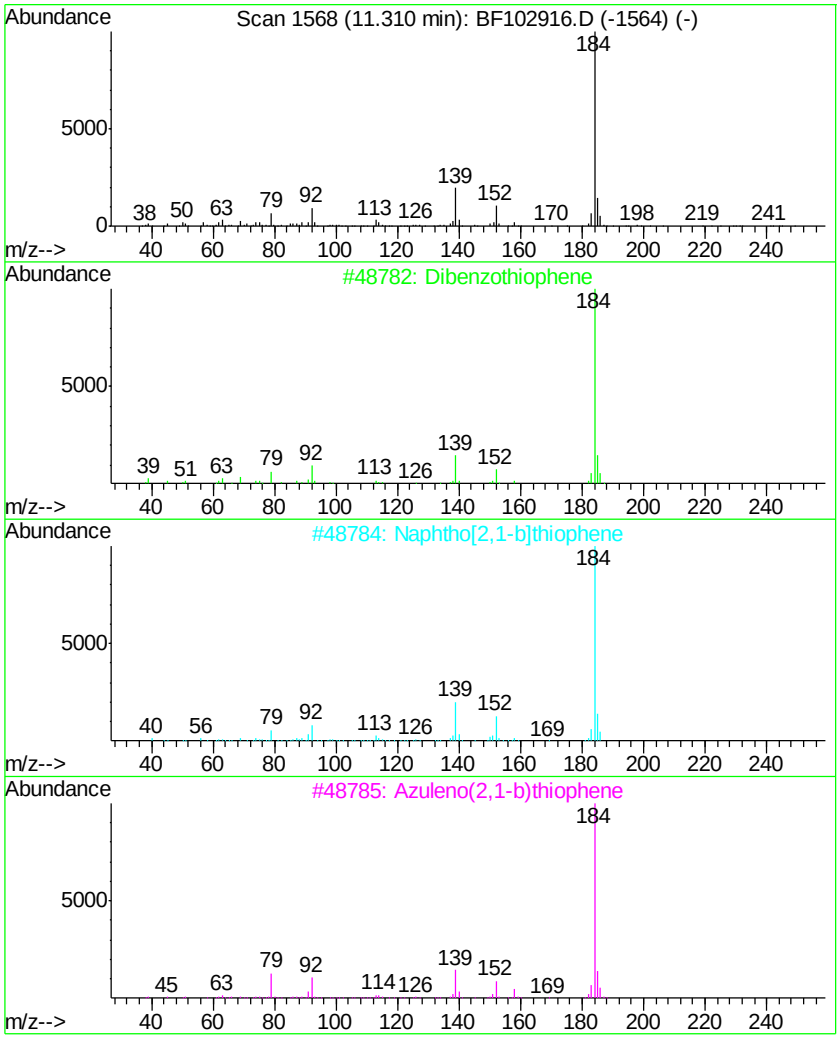
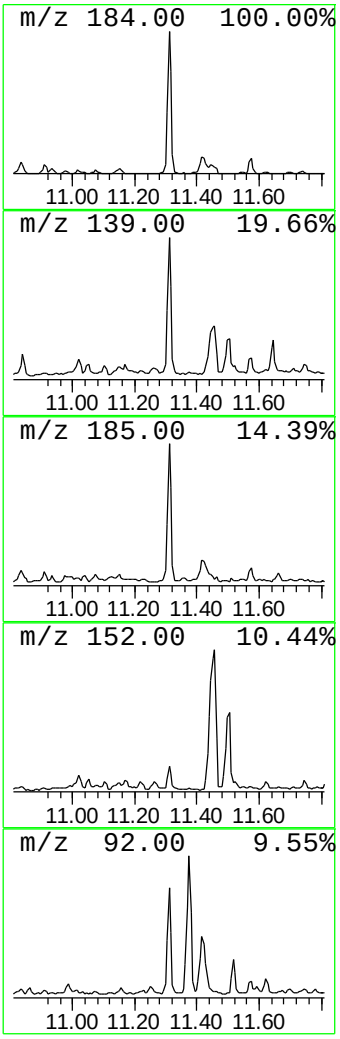
Peak Number 9 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	8.78 ng	1272090	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87





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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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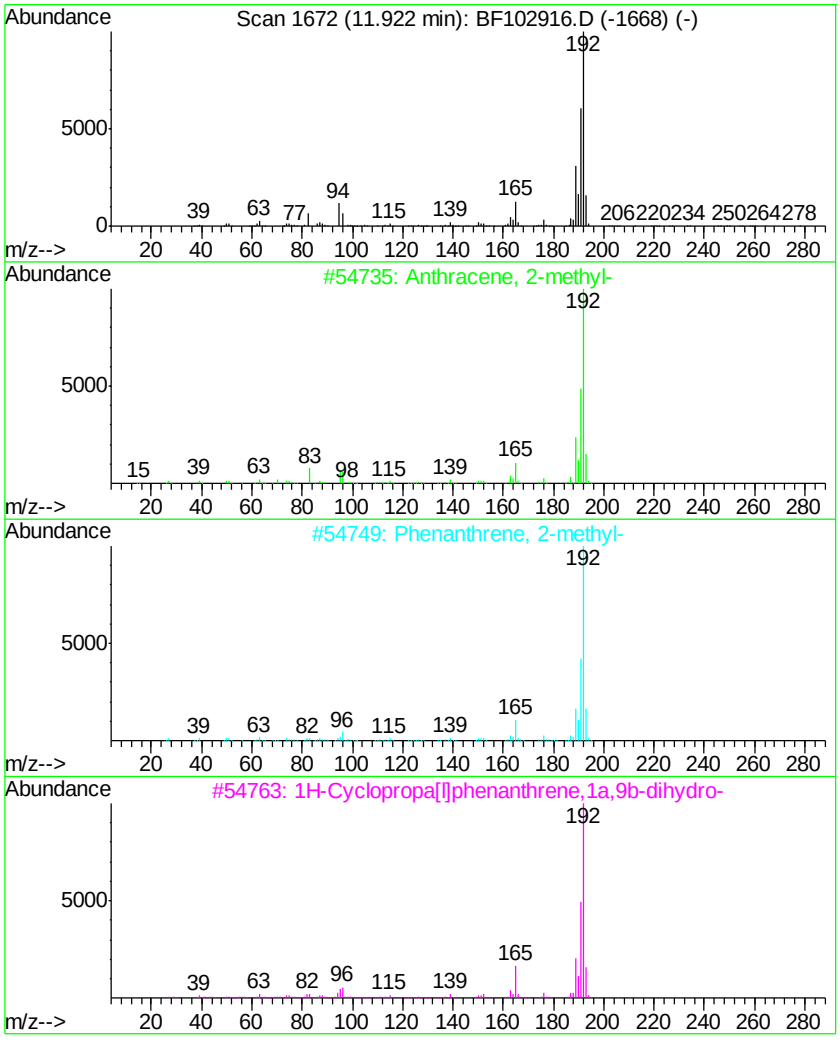
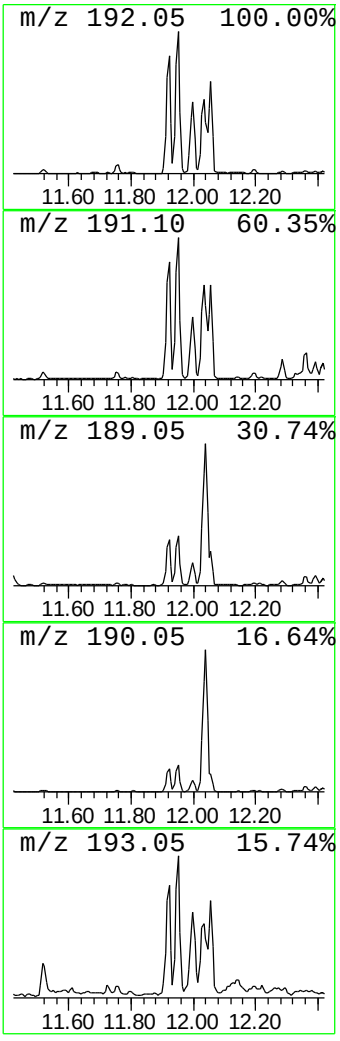
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	14.91 ng	2161590	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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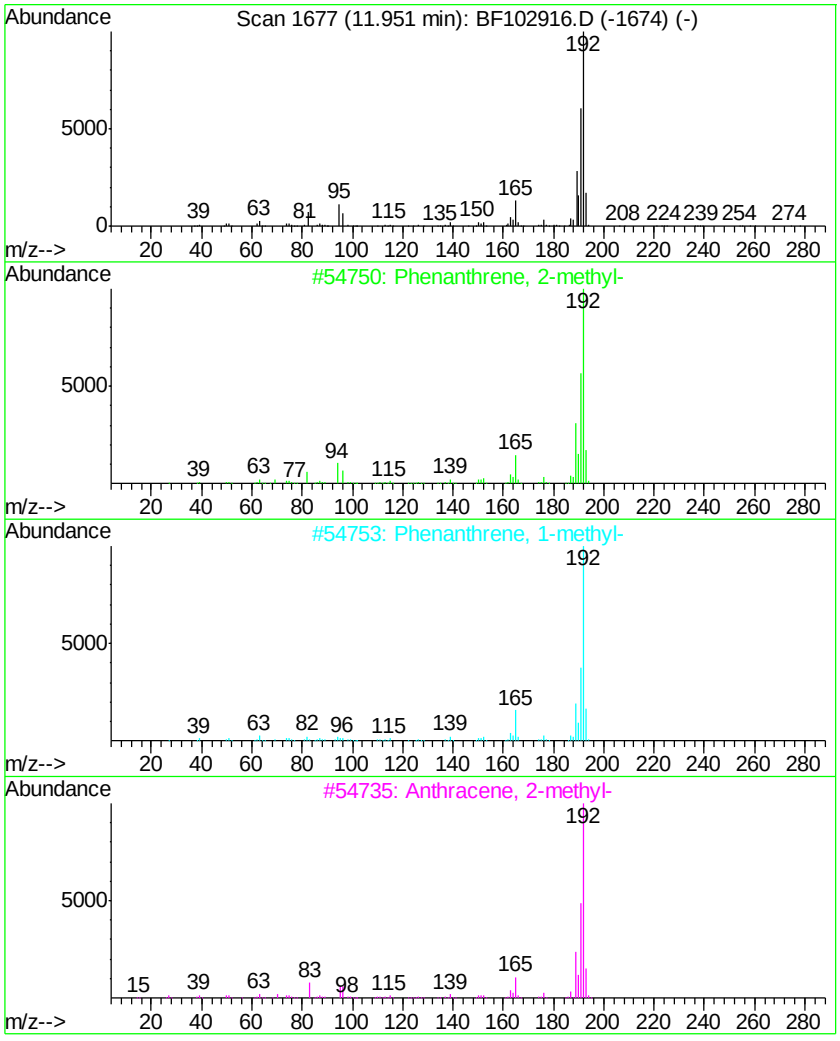
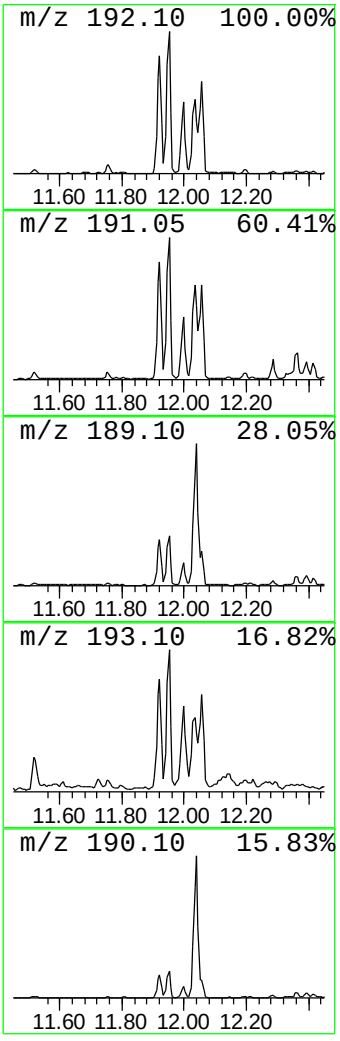
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	16.42 ng	2379890	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Sample : J1526-01
Misc :
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Instrument : BNA_F
ClientSampleId : RO-1-2

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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 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	8.10 ng	1174710	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
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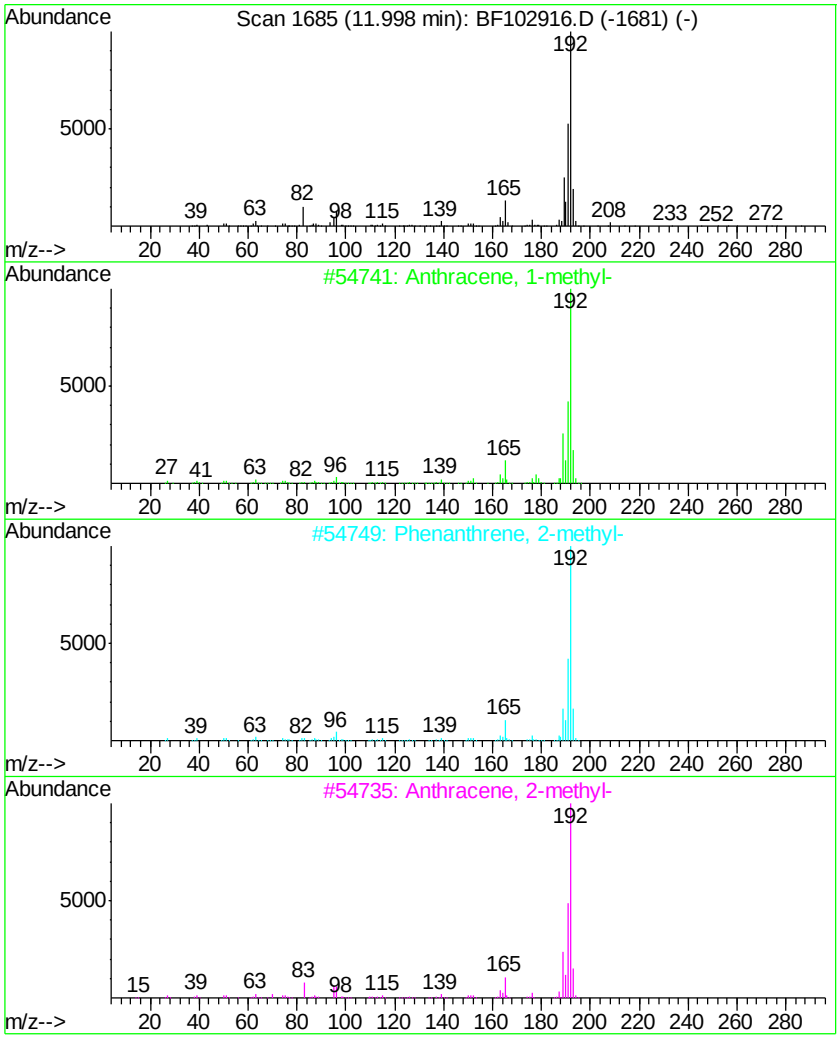

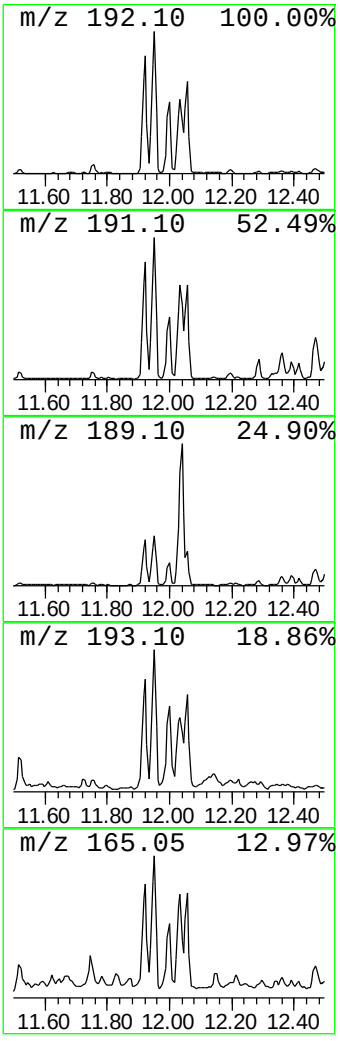

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Sample : J1526-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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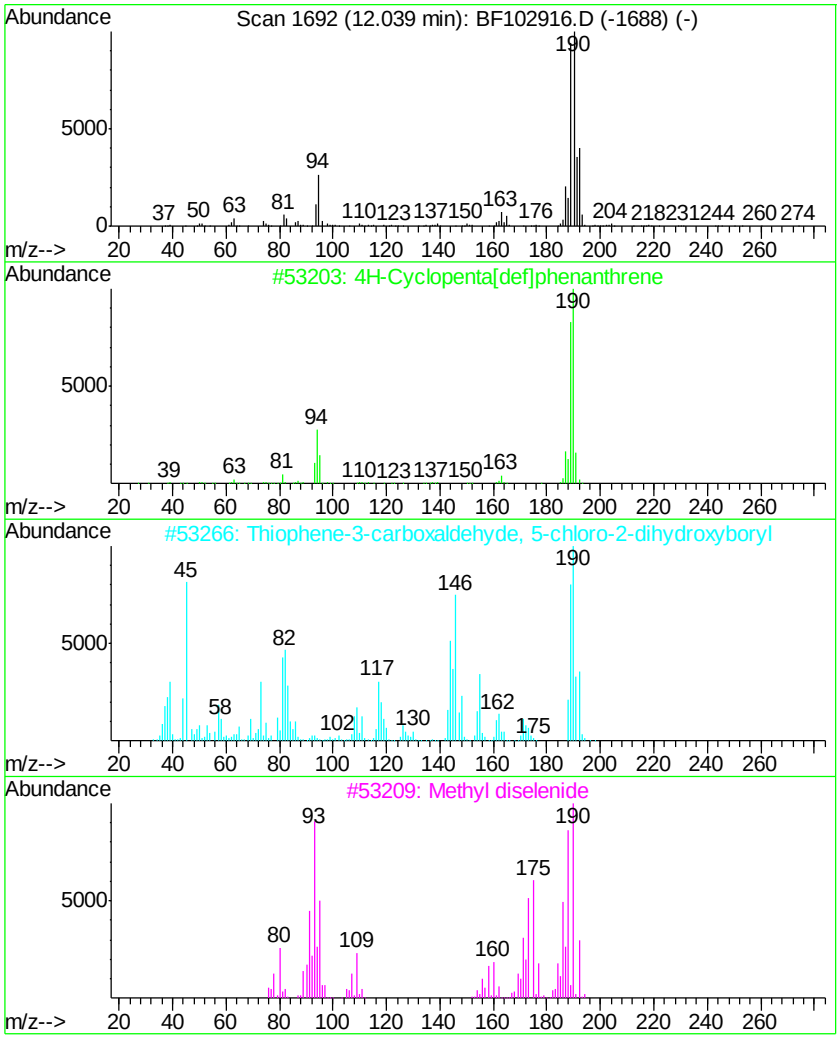
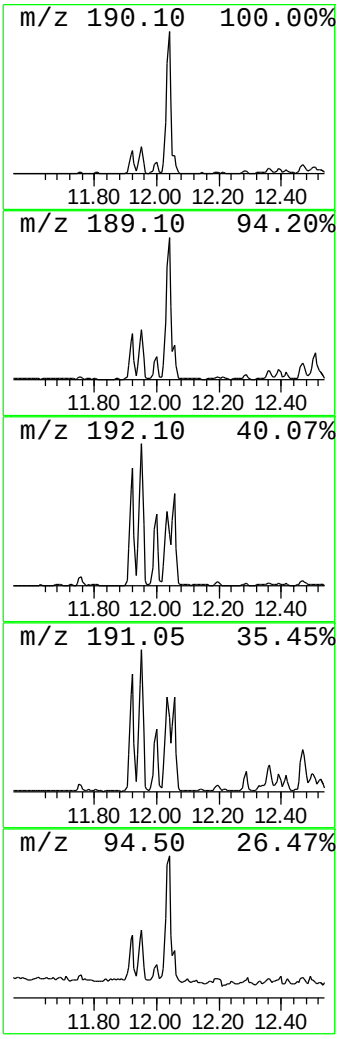
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	25.17 ng	3648720	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	12





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

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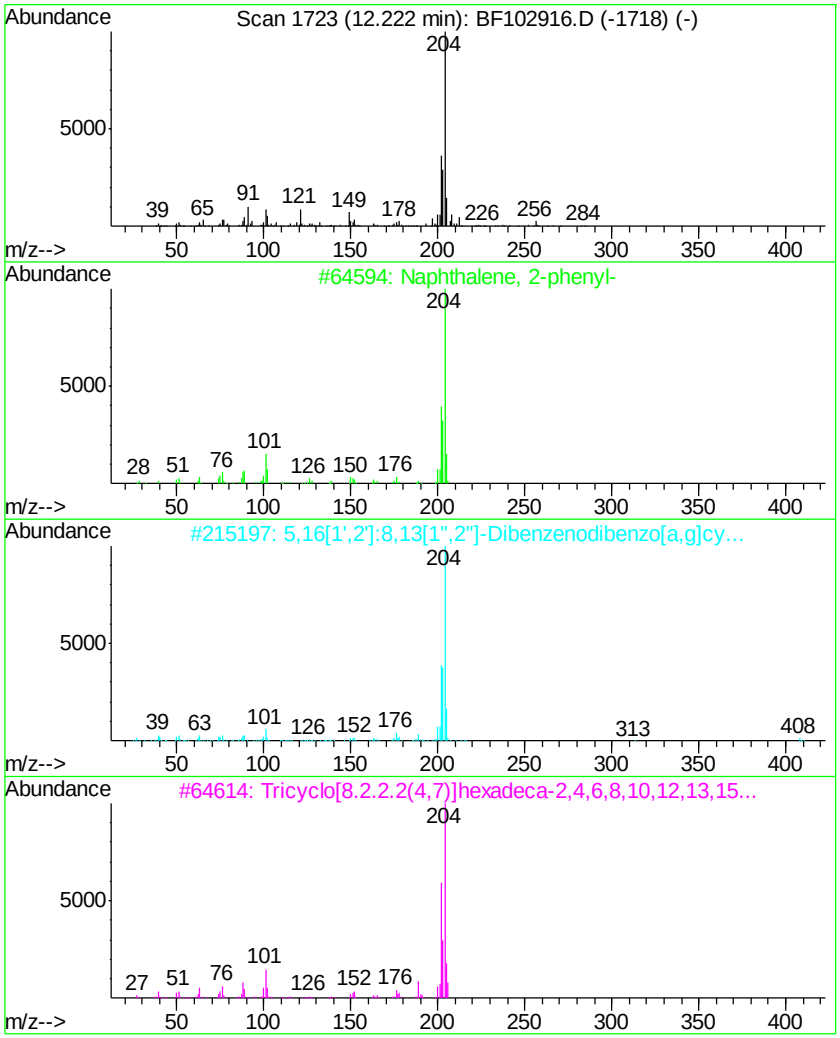
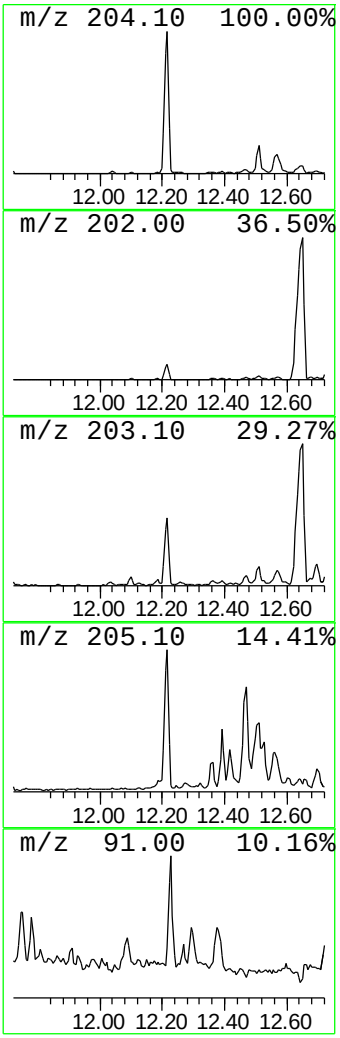
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	10.53 ng	1526710	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49





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

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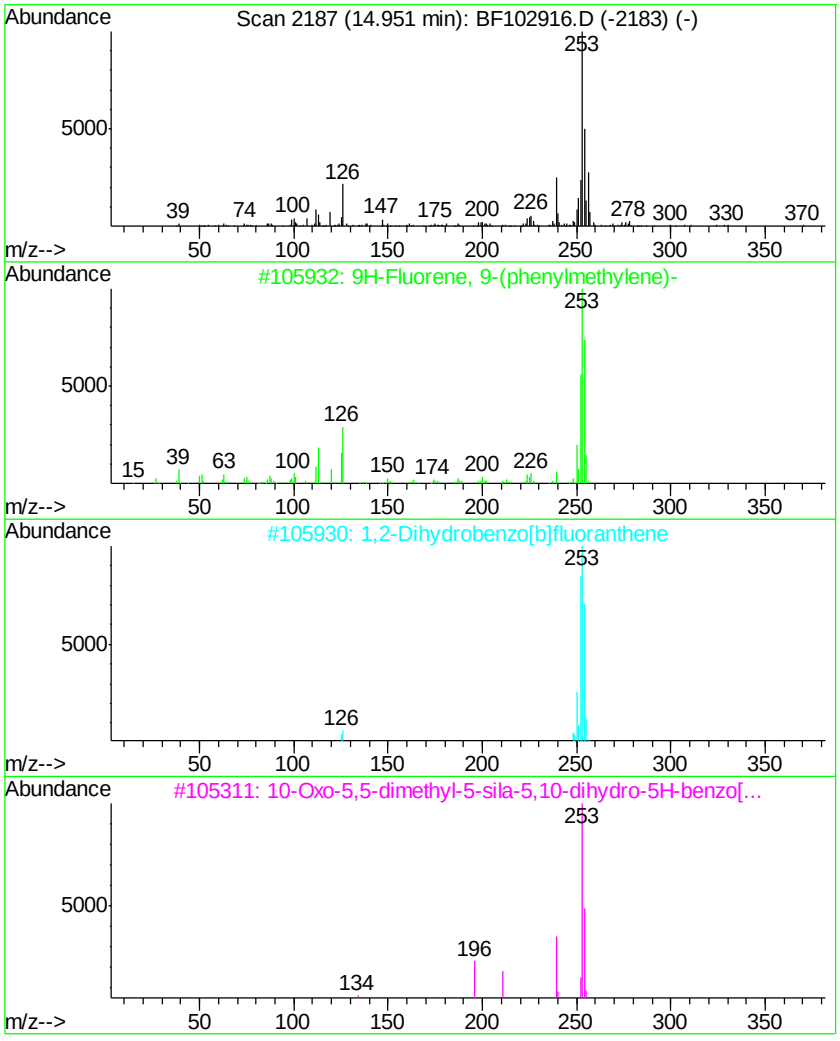
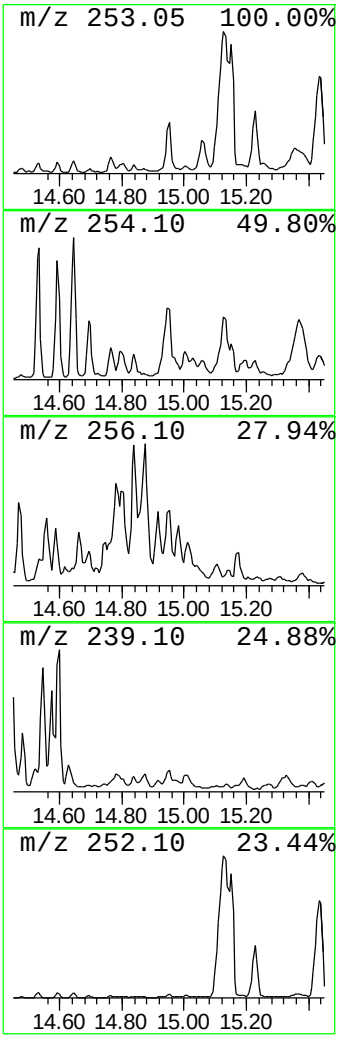
Peak Number 15 9H-Fluorene, 9-(phenylmethy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	8.44 ng	511520	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	86
2	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	53
3	10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	53
4	1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	52
5	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	49





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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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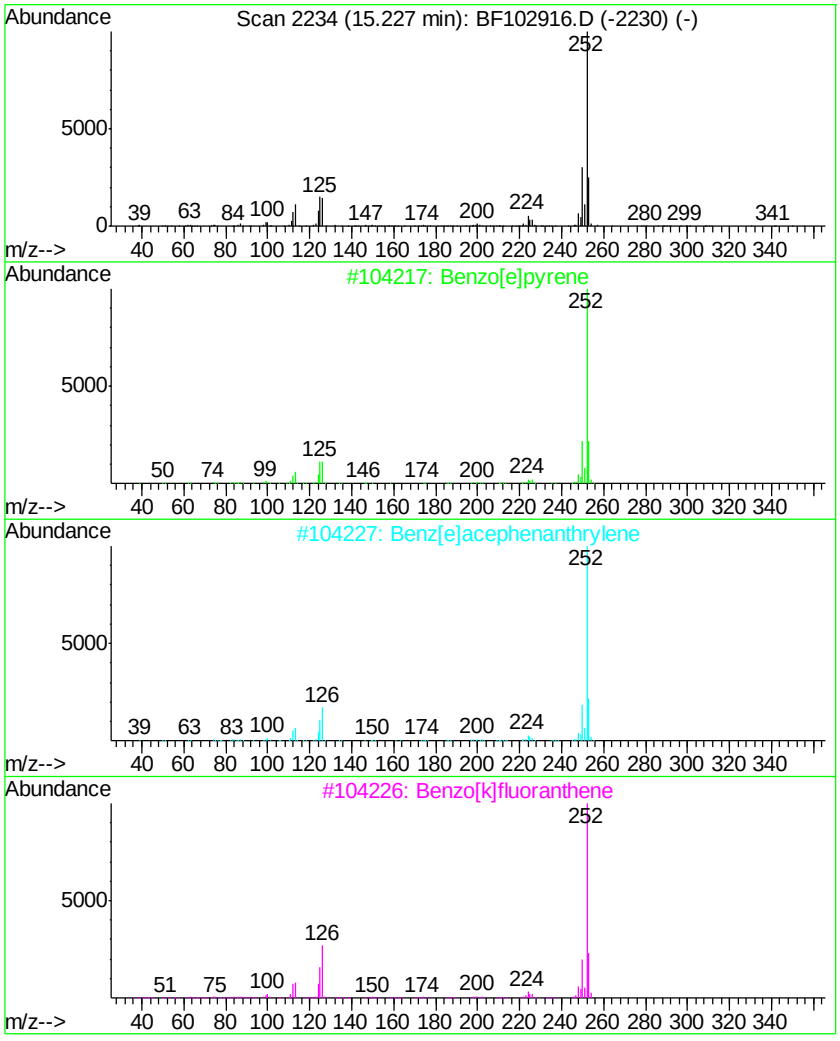
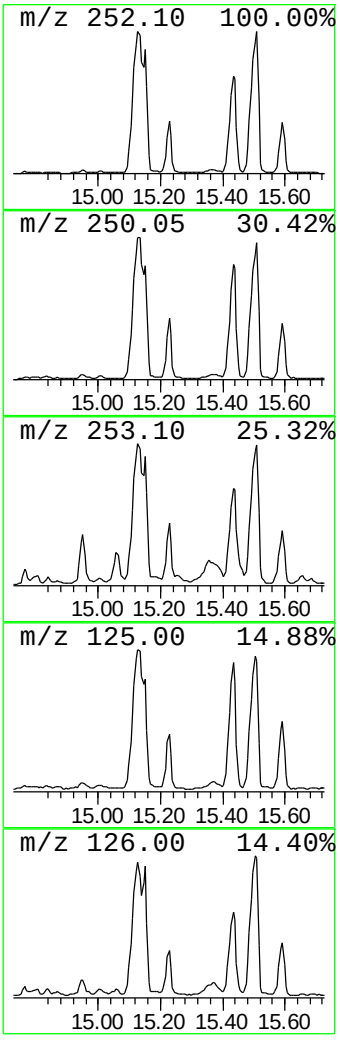
Peak Number 16 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	16.31 ng	988324	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	92
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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Acq On : 12 Feb 2018 13:18
Operator : SJ/JU
Sample : J1526-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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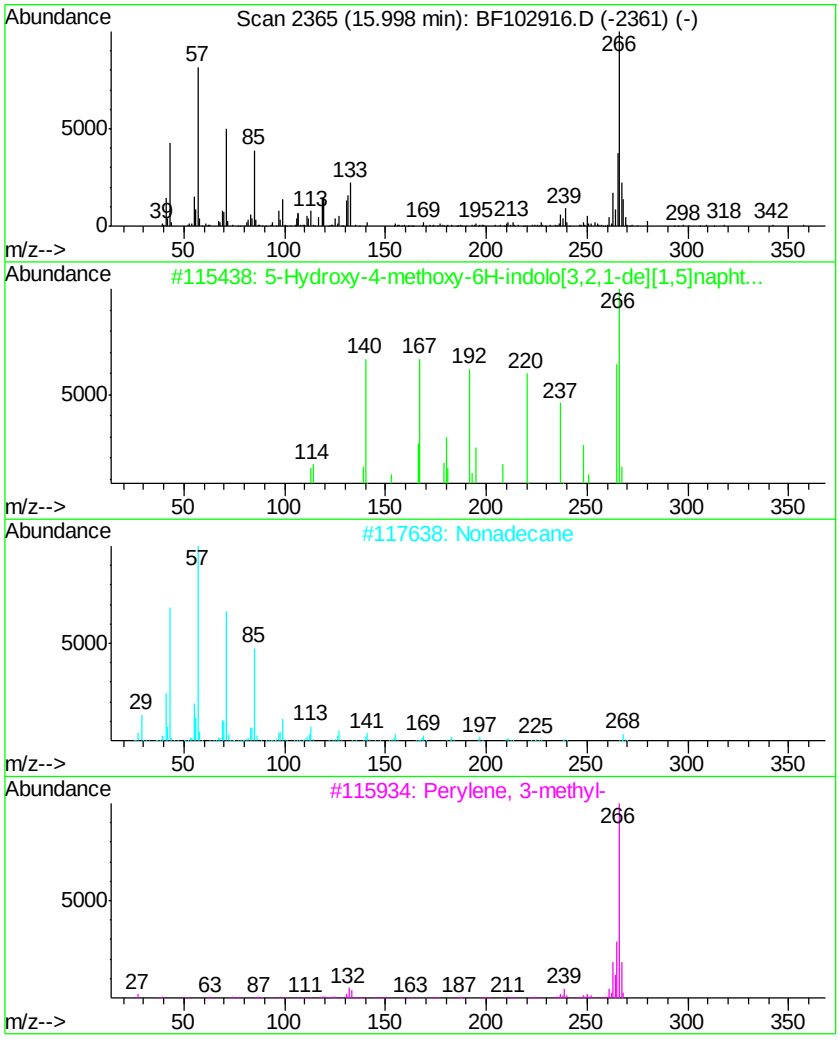
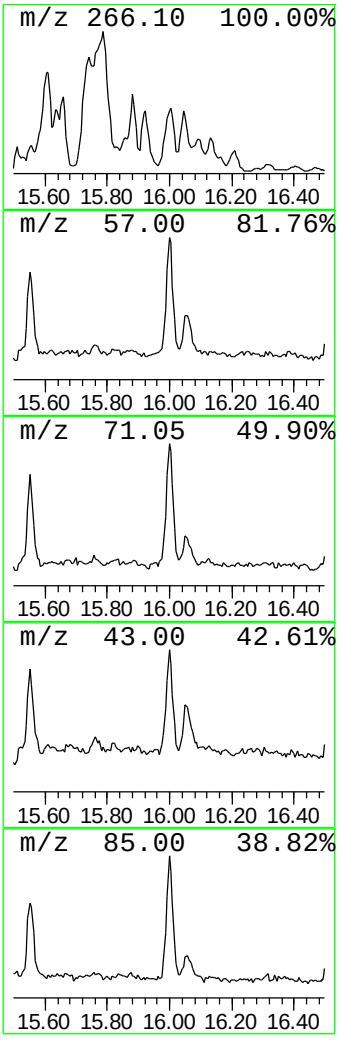
Peak Number 18 5-Hydroxy-4-methoxy-6H-indo... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	8.17 ng	495281	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hydroxy-4-methoxy-6H-indolo[3,...	266	C15H10N2O3	018110-86-6	52
2	Nonadecane	268	C19H40	000629-92-5	47
3	Perylene, 3-methyl-	266	C21H14	024471-47-4	46
4	Heptadecane	240	C17H36	000629-78-7	44
5	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	43





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102916.D
Acq On : 12 Feb 2018 13:18
Operator : SJ/JU
Sample : J1526-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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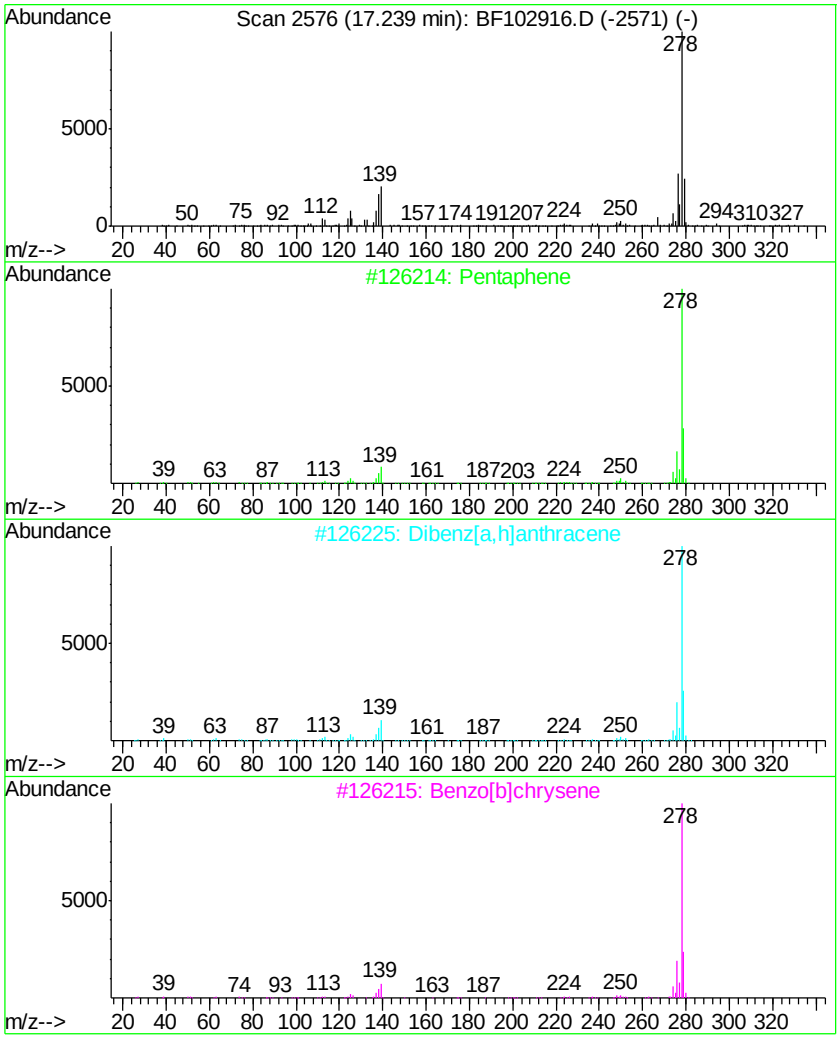
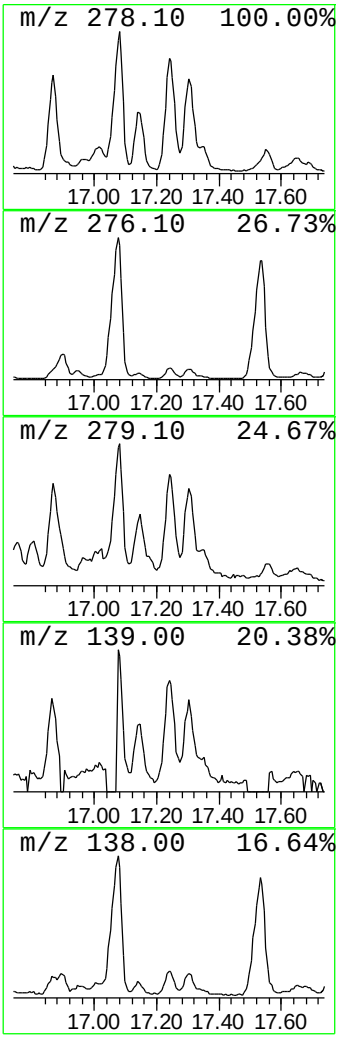
Peak Number 19 Pentaphene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	9.15 ng	554476	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaphene	278	C22H14	000222-93-5	98
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3	Benzo[b]chrysene	278	C22H14	000214-17-5	97
4	Picene	278	C22H14	000213-46-7	96
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	95





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021218\
Data File : BF102916.D
Acq On : 12 Feb 2018 13:18
Operator : SJ/JU
Sample : J1526-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
Butane, 2-methoxy...	2.16	10.8	ng	565890	1	6.89	1050170	20.0
unknown6.66	6.66	73.4	ng	3852010	1	6.89	1050170	20.0
Naphthalene, 2,3-...	9.58	9.5	ng	631801	3	9.92	1332630	20.0
Naphthalene, 2,3,...	10.33	8.1	ng	541968	3	9.92	1332630	20.0
1-Isopropenylnaph...	10.54	8.0	ng	534475	3	9.92	1332630	20.0
unknown10.56	10.56	10.0	ng	666281	3	9.92	1332630	20.0
2,4,6-Cycloheptat...	10.63	10.0	ng	664002	3	9.92	1332630	20.0
Dibenzothiophene	11.31	8.8	ng	1272090	4	11.42	2899150	20.0
Anthracene, 2-met...	11.92	14.9	ng	2161590	4	11.42	2899150	20.0
Phenanthrene, 2-m...	11.95	16.4	ng	2379890	4	11.42	2899150	20.0
Anthracene, 1-met...	12.00	8.1	ng	1174710	4	11.42	2899150	20.0
4H-Cyclopenta[def...	12.04	25.2	ng	3648720	4	11.42	2899150	20.0
Naphthalene, 2-ph...	12.22	10.5	ng	1526710	4	11.42	2899150	20.0
9H-Fluorene, 9-(p...	14.95	8.4	ng	511520	6	15.56	1211890	20.0
Benzo[e]pyrene	15.23	16.3	ng	988324	6	15.56	1211890	20.0
5-Hydroxy-4-metho...	16.00	8.2	ng	495281	6	15.56	1211890	20.0
Pentaphene	17.24	9.2	ng	554476	6	15.56	1211890	20.0