LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104696.D
Acq On : 21 Apr 2018 1:58
Operator : JU/SJ
Sample : J2453-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

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-BF040618.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	5.010	492	497	508	rBV	114768	143950	5.17%	0.385%
2	5.422	562	567	570	rBV	2119554	1918217	68.96%	5.133%
3	6.439	735	740	754	rBV	2029882	2182424	78.46%	5.840%
4	6.575	758	763	766	rBV	2627461	2273229	81.72%	6.083%
5	6.804	798	802	805	rBV	818750	666156	23.95%	1.782%
6	6.963	824	829	832	rBV	2491625	2328222	83.70%	6.230%
7	7.369	893	898	901	rBV	1782527	1856933	66.76%	4.969%
8	8.063	1011	1016	1017	rBV2	36785	59470	2.14%	0.159%
9	8.086	1017	1020	1023	rBV	1010553	805661	28.96%	2.156%
10	8.486	1084	1088	1103	rVB	57609	116646	4.19%	0.312%
11	8.910	1154	1160	1172	rBV2	32684	76756	2.76%	0.205%
12	9.163	1199	1203	1206	rBV	3275312	2781698	100.00%	7.443%
13	9.233	1212	1215	1218	rVB	56972	47163	1.70%	0.126%
14	9.498	1256	1260	1263	rBV	61009	64793	2.33%	0.173%
15	9.557	1267	1270	1277	rVB	281091	257815	9.27%	0.690%
16	9.704	1292	1295	1298	rBV	109277	94964	3.41%	0.254%
17	9.769	1303	1306	1310	rVB	114848	100655	3.62%	0.269%
18	9.839	1315	1318	1322	rVV	927633	865807	31.13%	2.317%
19	10.045	1347	1353	1356	rBV3	67419	77407	2.78%	0.207%
20	10.086	1356	1360	1363	rVV3	62370	61768	2.22%	0.165%
21	10.186	1374	1377	1380	rVV	65575	58243	2.09%	0.156%
22	10.245	1383	1387	1388	rBV2	44951	46775	1.68%	0.125%
23	10.263	1388	1390	1393	rVB	163323	143723	5.17%	0.385%
24	10.386	1408	1411	1417	rVB2	99277	127213	4.57%	0.340%
25	10.480	1424	1427	1434	rVB3	29997	56651	2.04%	0.152%
26	10.545	1434	1438	1441	rBV	83384	78188	2.81%	0.209%
27	10.633	1450	1453	1463	rVB	900638	910478	32.73%	2.436%
28	10.739	1468	1471	1480	rVB2	177214	193728	6.96%	0.518%
29	10.939	1500	1505	1508	rBV3	82804	98196	3.53%	0.263%
30	11.063	1522	1526	1528	rVV2	83674	81181	2.92%	0.217%
31	11.086	1528	1530	1532	rVV3	72499	69499	2.50%	0.186%
32	11.133	1536	1538	1541	rVV2	66309	74870	2.69%	0.200%
33	11.186	1542	1547	1550	rVV2	152097	185978	6.69%	0.498%
34	11.227	1550	1554	1559	rVB	67720	88682	3.19%	0.237%

LSC Area Percent Report

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Data File : BF104696.D
Acq On : 21 Apr 2018 1:58
Operator : JU/SJ
Sample : J2453-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.333	1568	1572	1574	rBV	845251	837861	30.12%	2.242%
36	11.357	1574	1576	1579	rVV	1108984	817066	29.37%	2.186%
37	11.404	1581	1584	1587	rVV	354206	287098	10.32%	0.768%
38	11.580	1609	1614	1617	rBV3	37605	67907	2.44%	0.182%
39	11.616	1617	1620	1625	rVV2	114464	131338	4.72%	0.351%
40	11.663	1625	1628	1633	rVB3	62406	71996	2.59%	0.193%
41	11.833	1653	1657	1659	rBV	261494	225542	8.11%	0.603%
42	11.863	1659	1662	1666	rVB	353207	314990	11.32%	0.843%
43	11.910	1666	1670	1672	rBV	162506	141843	5.10%	0.380%
44	11.945	1672	1676	1678	rVV	331002	346218	12.45%	0.926%
45	11.969	1678	1680	1684	rVB	181212	146370	5.26%	0.392%
46	12.021	1684	1689	1694	rBV3	98110	109934	3.95%	0.294%
47	12.127	1704	1707	1710	rBV	177080	149445	5.37%	0.400%
48	12.157	1710	1712	1717	rVB	95814	79056	2.84%	0.212%
49	12.274	1727	1732	1735	rBV2	59578	65165	2.34%	0.174%
50	12.310	1735	1738	1740	rVV	66115	56127	2.02%	0.150%
51	12.333	1740	1742	1744	rVB	65689	47324	1.70%	0.127%
52	12.380	1744	1750	1753	rBV	163650	192518	6.92%	0.515%
53	12.416	1753	1756	1759	rVV2	120908	174945	6.29%	0.468%
54	12.468	1762	1765	1770	rVB2	110273	127969	4.60%	0.342%
55	12.545	1774	1778	1782	rBV	1451652	1364596	49.06%	3.651%
56	12.639	1791	1794	1797	rBV	188063	150426	5.41%	0.402%
57	12.680	1797	1801	1802	rBV3	37088	47040	1.69%	0.126%
58	12.774	1811	1817	1823	rBV2	1174598	1455930	52.34%	3.896%
59	12.821	1823	1825	1830	rVB2	112020	135054	4.86%	0.361%
60	12.892	1830	1837	1838	rBV	151164	150318	5.40%	0.402%
61	12.916	1838	1841	1845	rVV	2063998	2054090	73.84%	5.496%
62	12.998	1848	1855	1862	rBV4	143117	287476	10.33%	0.769%
63	13.080	1865	1869	1870	rBV2	115666	130325	4.69%	0.349%
64	13.104	1870	1873	1876	rVB	287775	272219	9.79%	0.728%
65	13.139	1876	1879	1882	rBV3	57328	67644	2.43%	0.181%
66	13.168	1882	1884	1887	rVV	187233	149993	5.39%	0.401%
67	13.204	1887	1890	1894	rVV2	195444	229125	8.24%	0.613%
68	13.263	1898	1900	1903	rBV3	47478	50879	1.83%	0.136%
69	13.298	1903	1906	1909	rVB	94692	80786	2.90%	0.216%
70	13.327	1909	1911	1915	rBV2	83474	99225	3.57%	0.265%
71	13.486	1934	1938	1940	rBV3	68790	91917	3.30%	0.246%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J2453-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.610	1957	1959	1964	rVB	118717	126897	4.56%	0.340%
73	13.721	1974	1978	1981	rBV2	105844	133351	4.79%	0.357%
74	13.751	1981	1983	1985	rVV	158036	154870	5.57%	0.414%
75	13.774	1985	1987	1991	rVV2	203337	251906	9.06%	0.674%
76	13.815	1991	1994	2002	rVB3	201719	288558	10.37%	0.772%
77	13.904	2002	2009	2013	rBV3	35945	81388	2.93%	0.218%
78	13.974	2016	2021	2024	rVV2	1073319	1573609	56.57%	4.211%
79	14.004	2024	2026	2032	rVB	661457	571951	20.56%	1.530%
80	14.121	2043	2046	2051	rVV2	161078	215556	7.75%	0.577%
81	14.168	2052	2054	2056	rVV	57810	47639	1.71%	0.127%
82	14.327	2079	2081	2083	rVV	53703	54312	1.95%	0.145%
83	14.368	2083	2088	2091	rVV	191013	248642	8.94%	0.665%
84	14.398	2091	2093	2097	rVV	107063	115575	4.15%	0.309%
85	14.439	2097	2100	2102	rVV2	111138	131088	4.71%	0.351%
86	14.492	2106	2109	2111	rVV2	97868	109278	3.93%	0.292%
87	14.515	2111	2113	2117	rVV2	87102	102773	3.69%	0.275%
88	14.562	2119	2121	2127	rVB2	46485	63778	2.29%	0.171%
89	14.751	2150	2153	2157	rBV3	61755	72750	2.62%	0.195%
90	14.862	2167	2172	2179	rVB2	51677	94908	3.41%	0.254%
91	15.021	2194	2199	2202	rBV	396255	674267	24.24%	1.804%
92	15.080	2206	2209	2213	rVV3	57927	88382	3.18%	0.236%
93	15.127	2213	2217	2220	rVB	120682	131401	4.72%	0.352%
94	15.315	2245	2249	2255	rVB	211990	298416	10.73%	0.798%
95	15.380	2256	2260	2265	rVB	391680	453508	16.30%	1.213%
96	15.445	2266	2271	2274	rBV	426979	576455	20.72%	1.542%
97	15.880	2341	2345	2349	rVV4	41296	63455	2.28%	0.170%
98	16.892	2511	2517	2525	rBV2	112984	229421	8.25%	0.614%
99	17.068	2542	2547	2552	rBV	36767	69284	2.49%	0.185%
100	17.333	2586	2592	2600	rBV2	74258	148864	5.35%	0.398%

Sum of corrected areas: 37373176

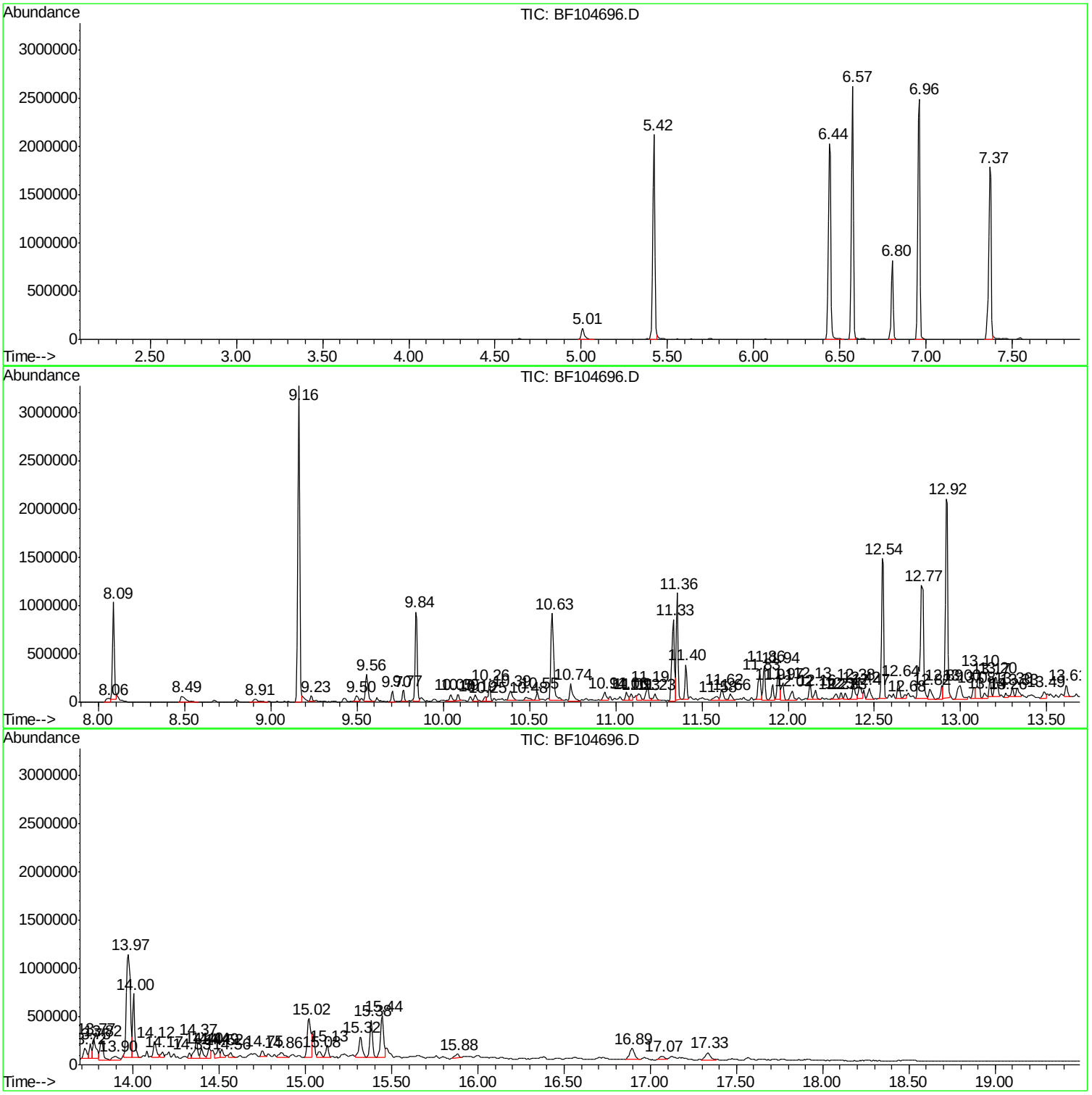
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104696.D
Acq On : 21 Apr 2018 1:58
Operator : JU/SJ
Sample : J2453-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
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Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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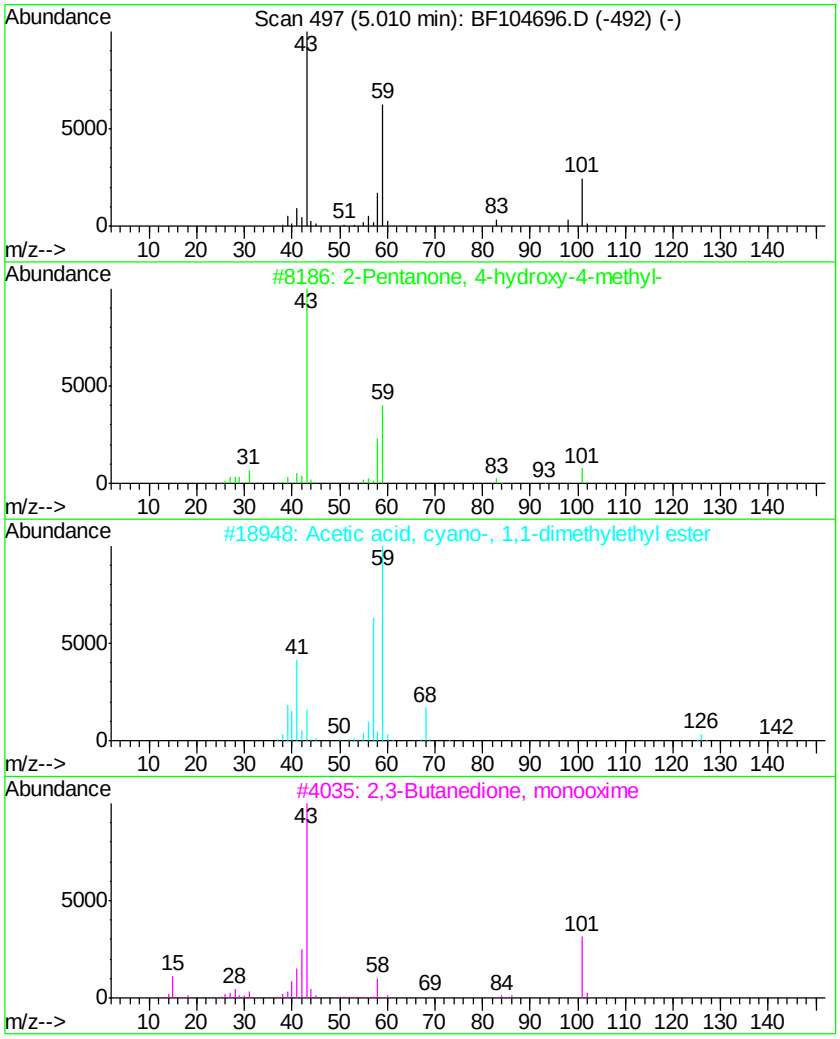
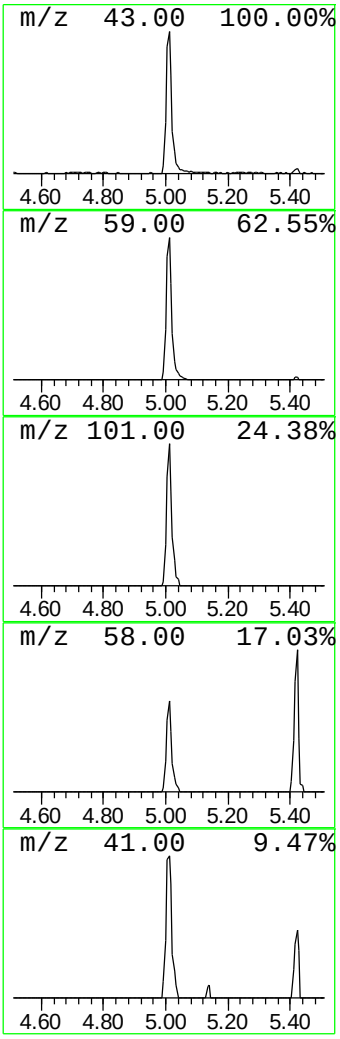
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	4.32 ng	143950	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
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Sample : J2453-14
Misc :
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Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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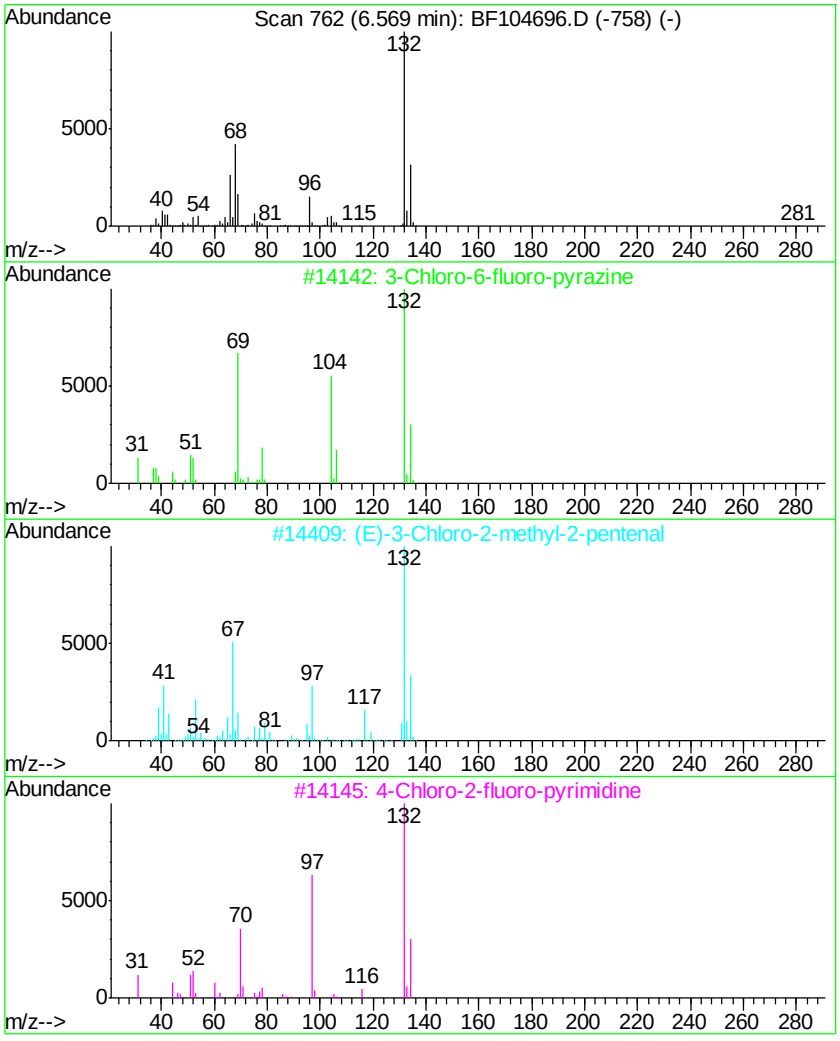
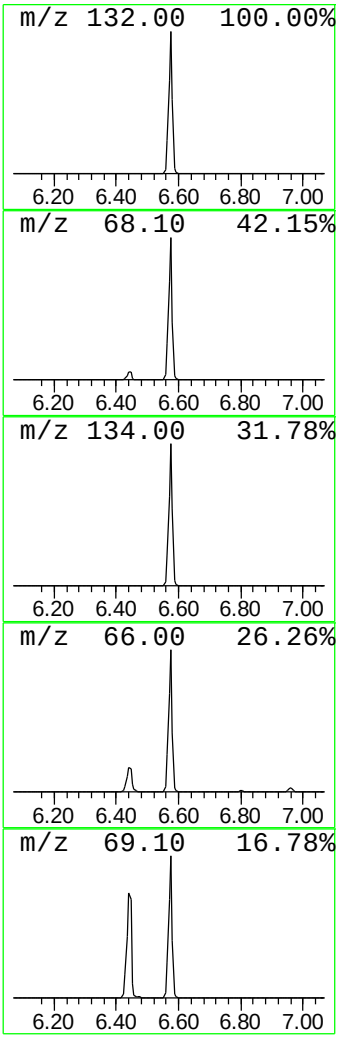
Peak Number 2 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	68.25 ng	2273230	1,4-Dichlorobenzene-d4	6.80

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	16
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
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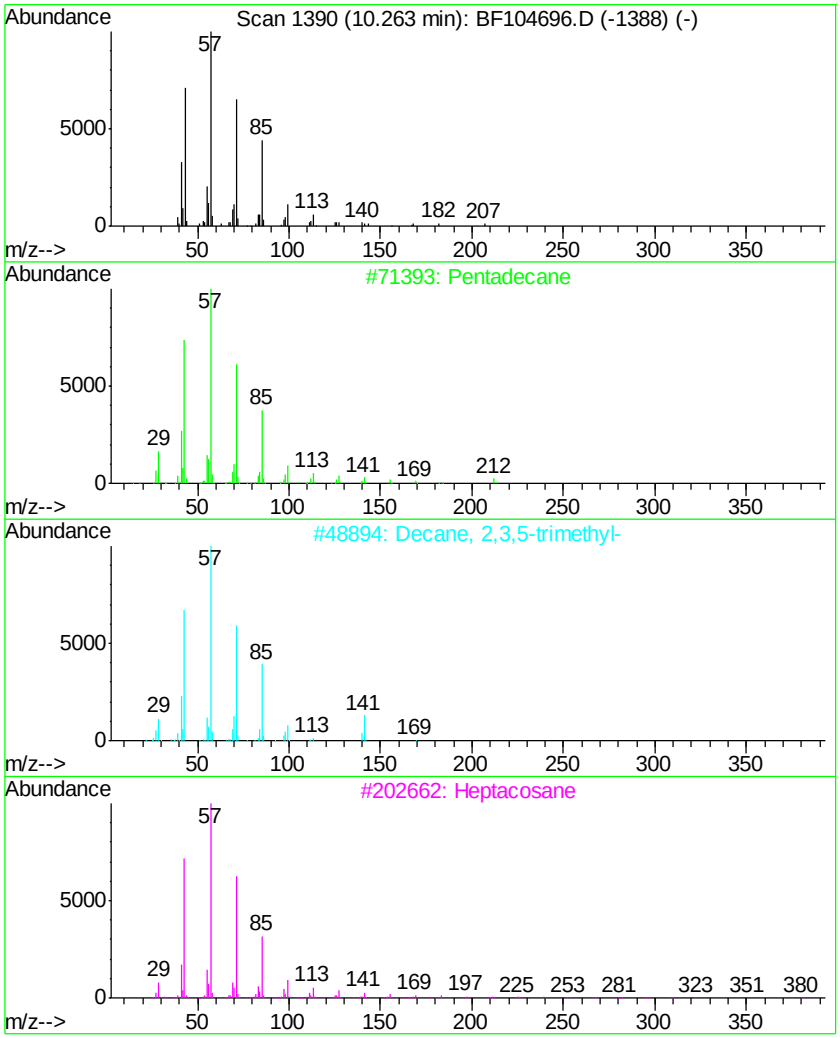
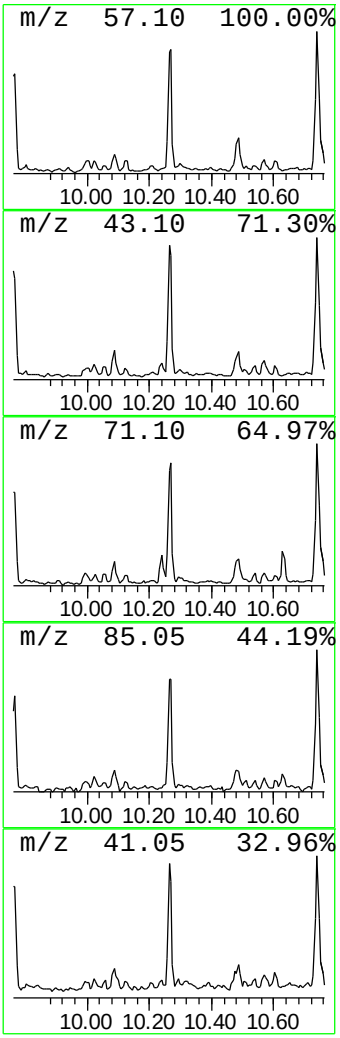
Peak Number 4 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	3.32 ng	143723	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Heptacosane	380	C27H56	000593-49-7	86
4	Tetradecane	198	C14H30	000629-59-4	83
5	Tritetracontane	605	C43H88	007098-21-7	83





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Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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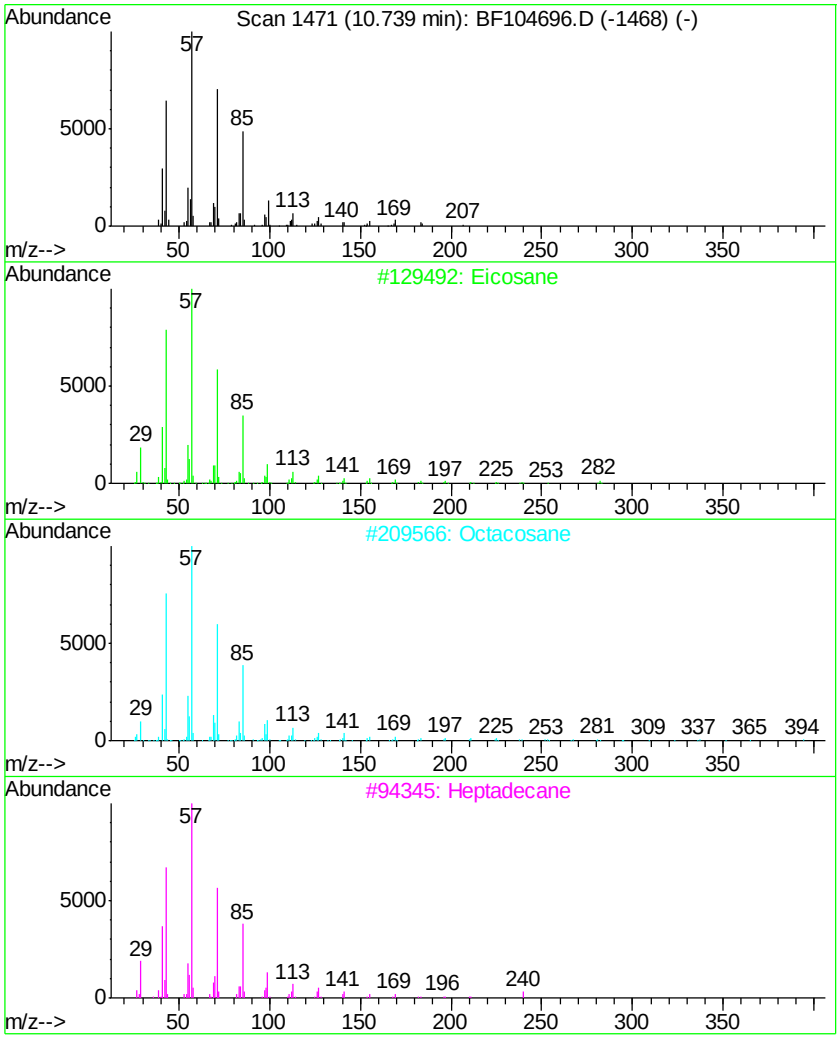
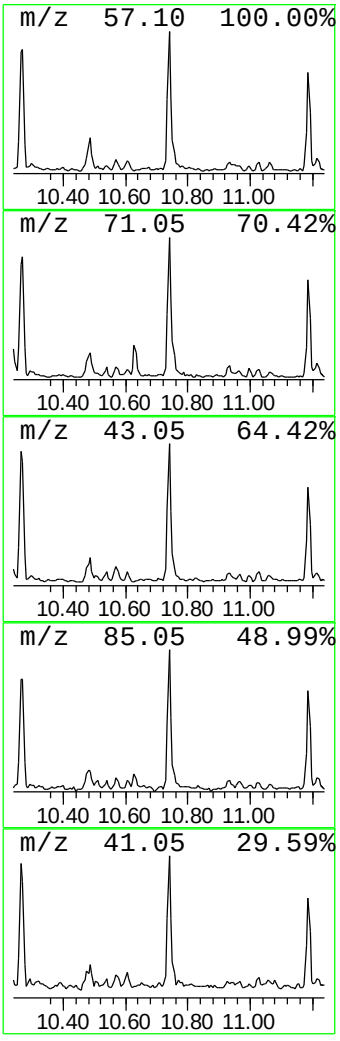
Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	4.62 ng	193728	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Hexadecane	226	C16H34	000544-76-3	91





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Acq On : 21 Apr 2018 1:58
Operator : JU/SJ
Sample : J2453-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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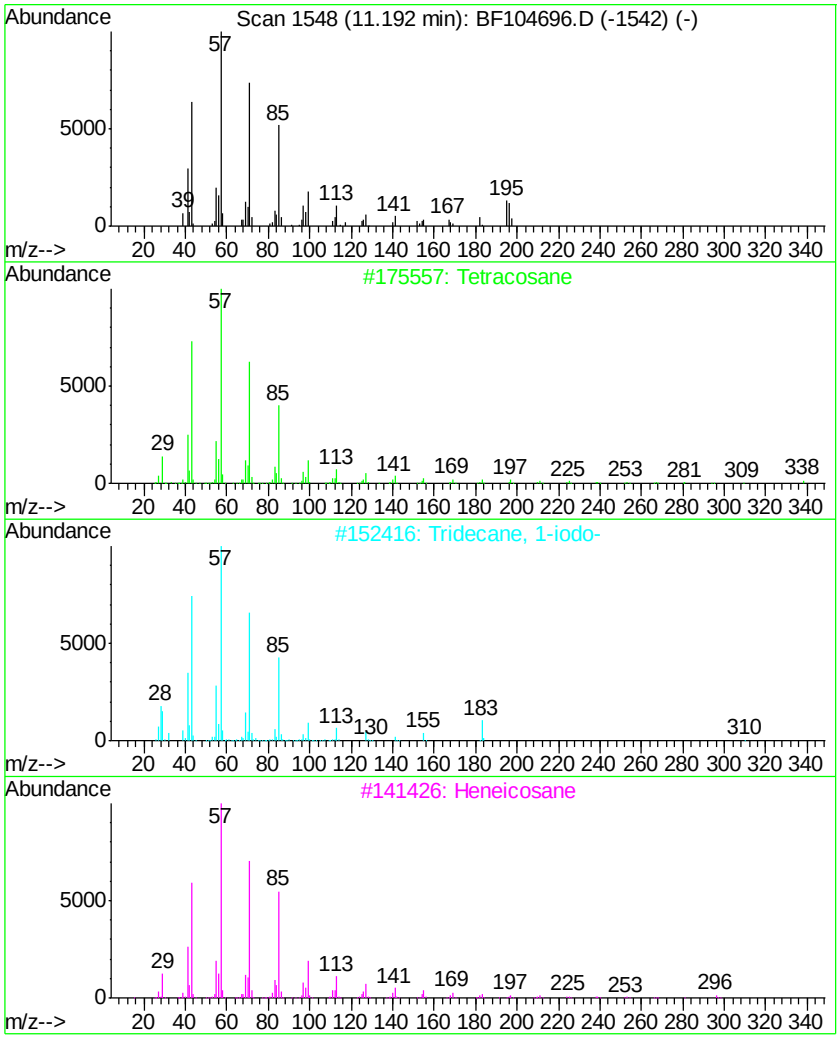
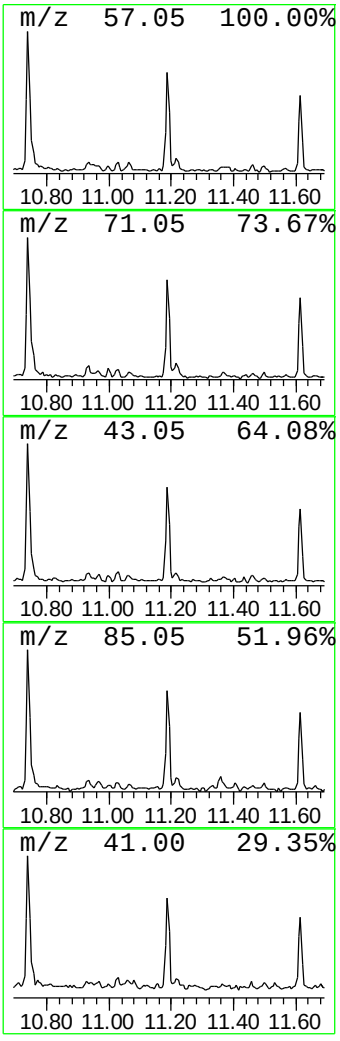
Peak Number 6 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	4.44 ng	185978	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	58
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58
3	Heneicosane	296	C21H44	000629-94-7	58
4	Tetradecane	198	C14H30	000629-59-4	58
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	58





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Data File : BF104696.D
Acq On : 21 Apr 2018 1:58
Operator : JU/SJ
Sample : J2453-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

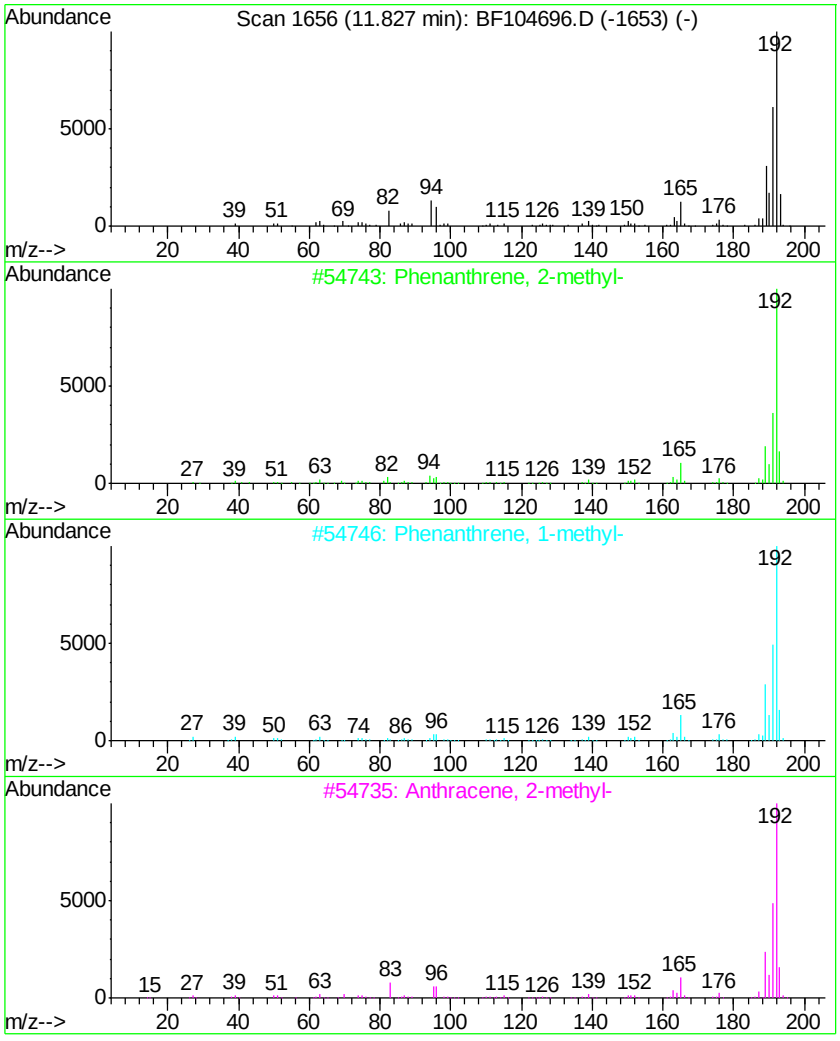
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

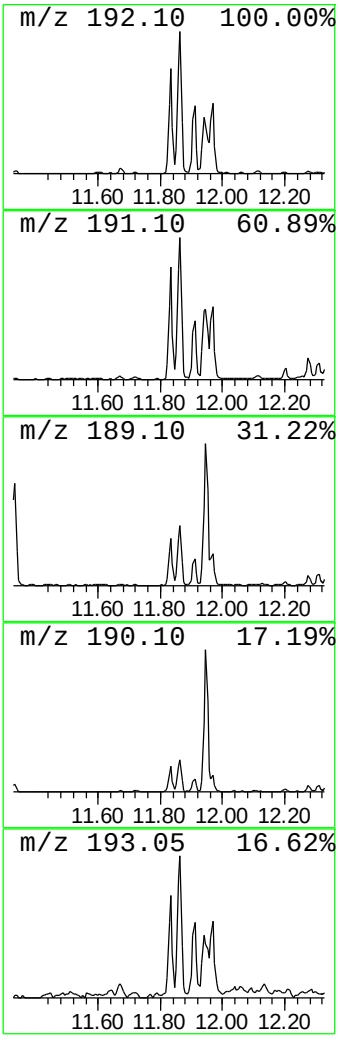
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	5.38 ng	225542	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Acq On : 21 Apr 2018 1:58
Operator : JU/SJ
Sample : J2453-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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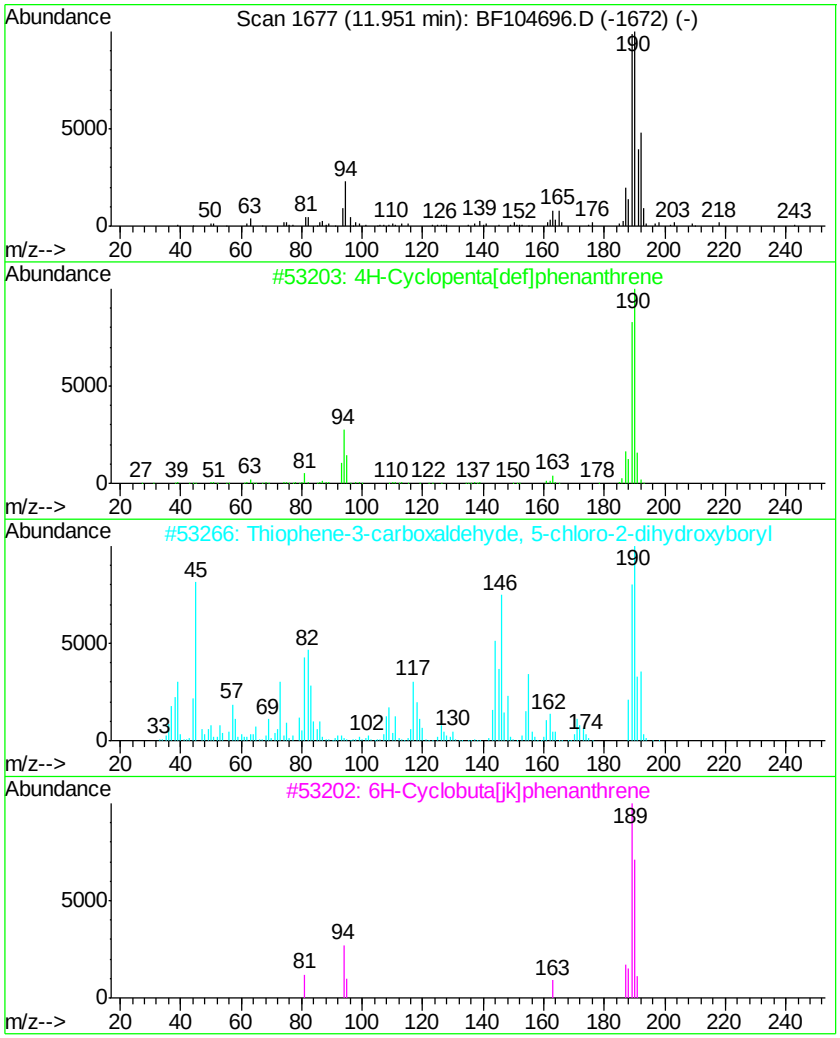
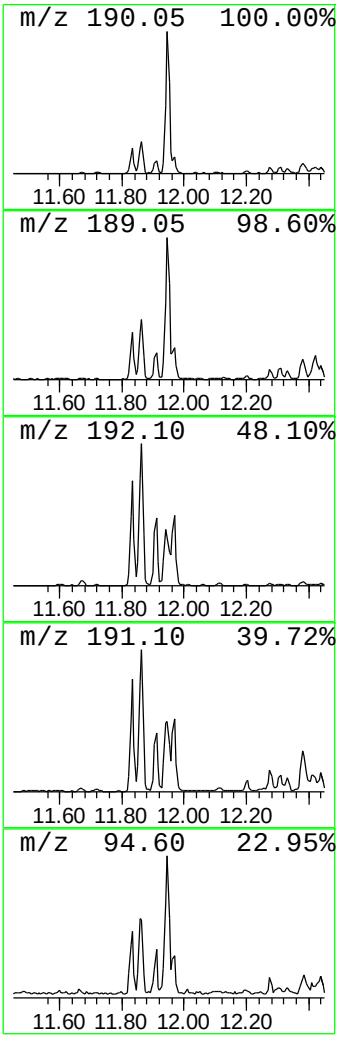
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	8.26 ng	346218	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40





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Data File : BF104696.D
Acq On : 21 Apr 2018 1:58
Operator : JU/SJ
Sample : J2453-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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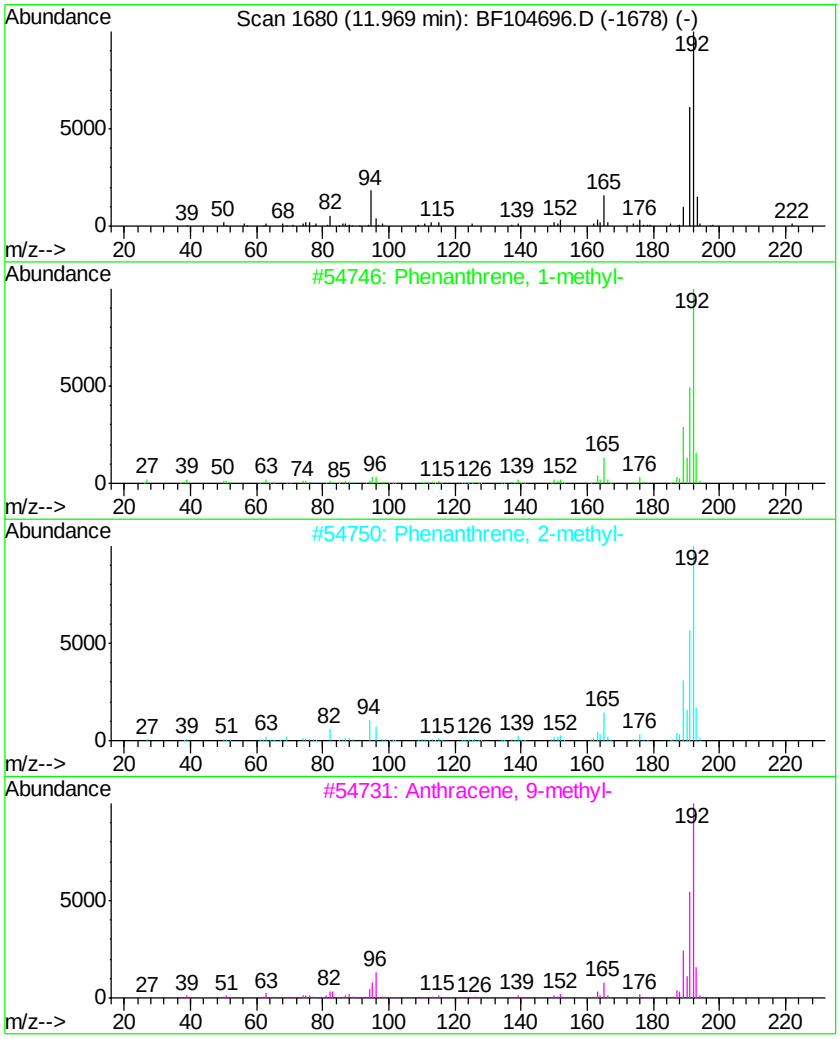
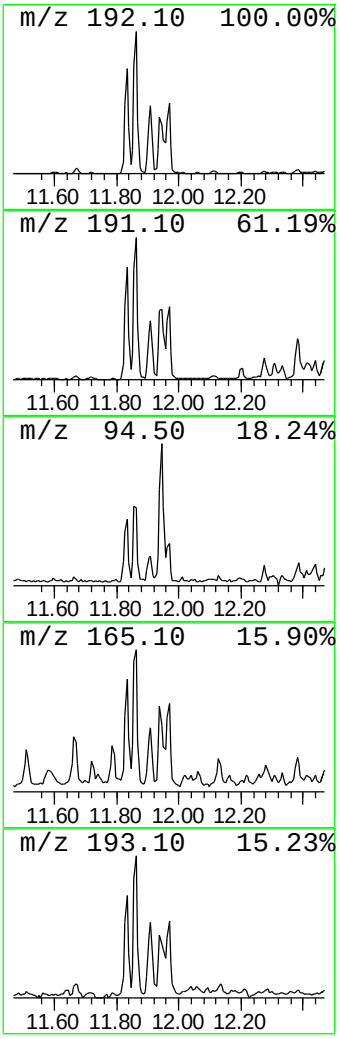
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	3.49 ng	146370	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





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Data File : BF104696.D
Acq On : 21 Apr 2018 1:58
Operator : JU/SJ
Sample : J2453-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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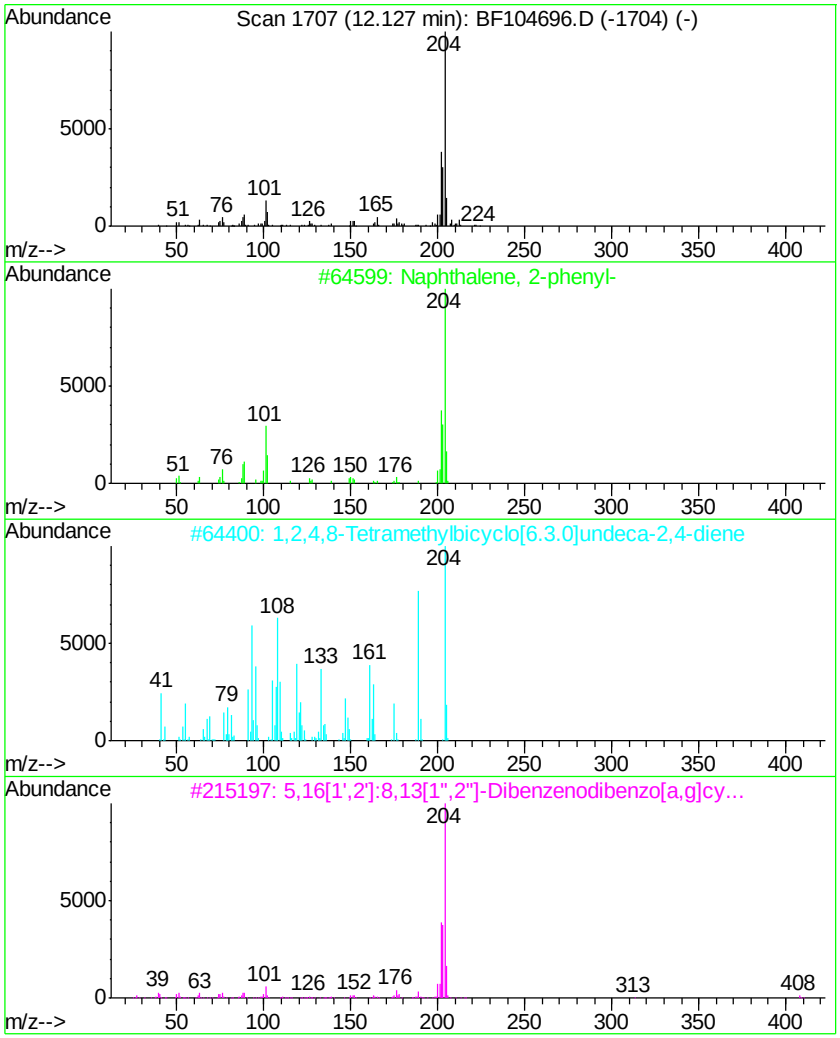
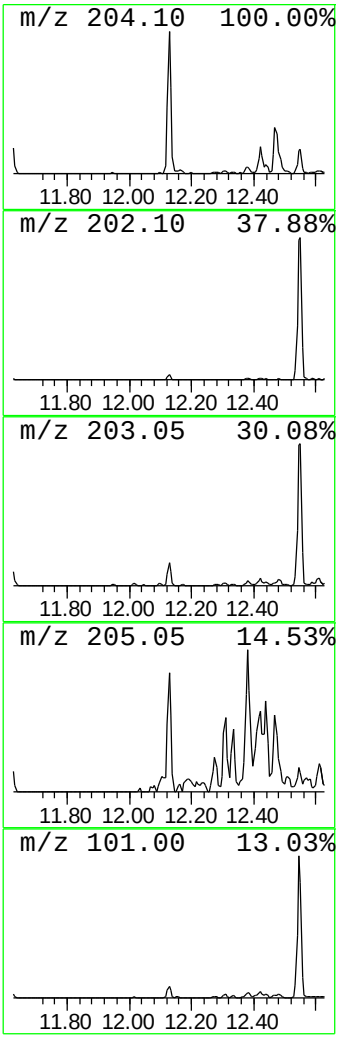
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	3.57 ng	149445	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
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Acq On : 21 Apr 2018 1:58
Operator : JU/SJ
Sample : J2453-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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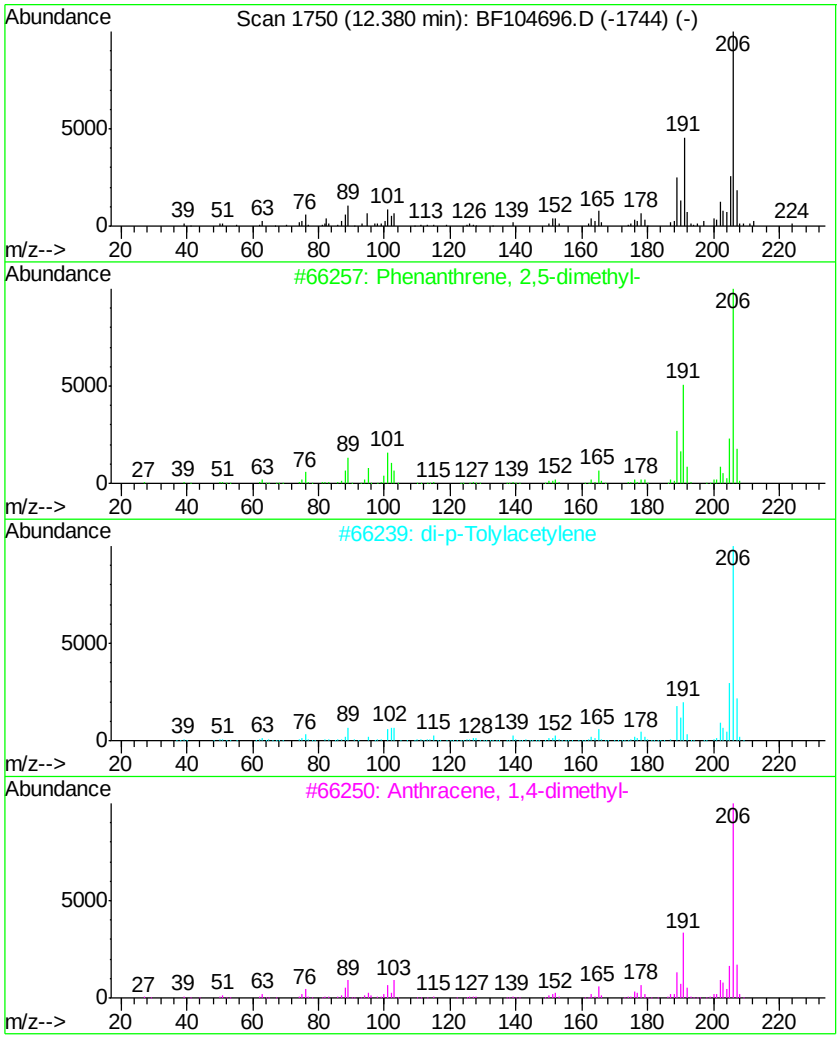
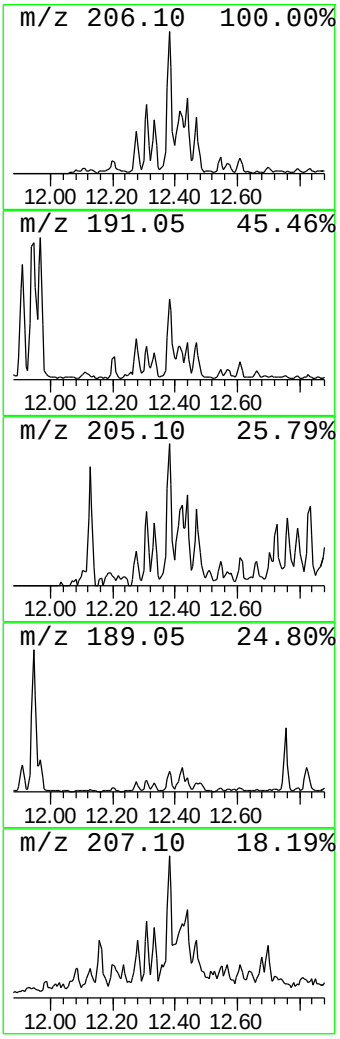
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	4.60 ng	192518	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93





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Acq On : 21 Apr 2018 1:58
Operator : JU/SJ
Sample : J2453-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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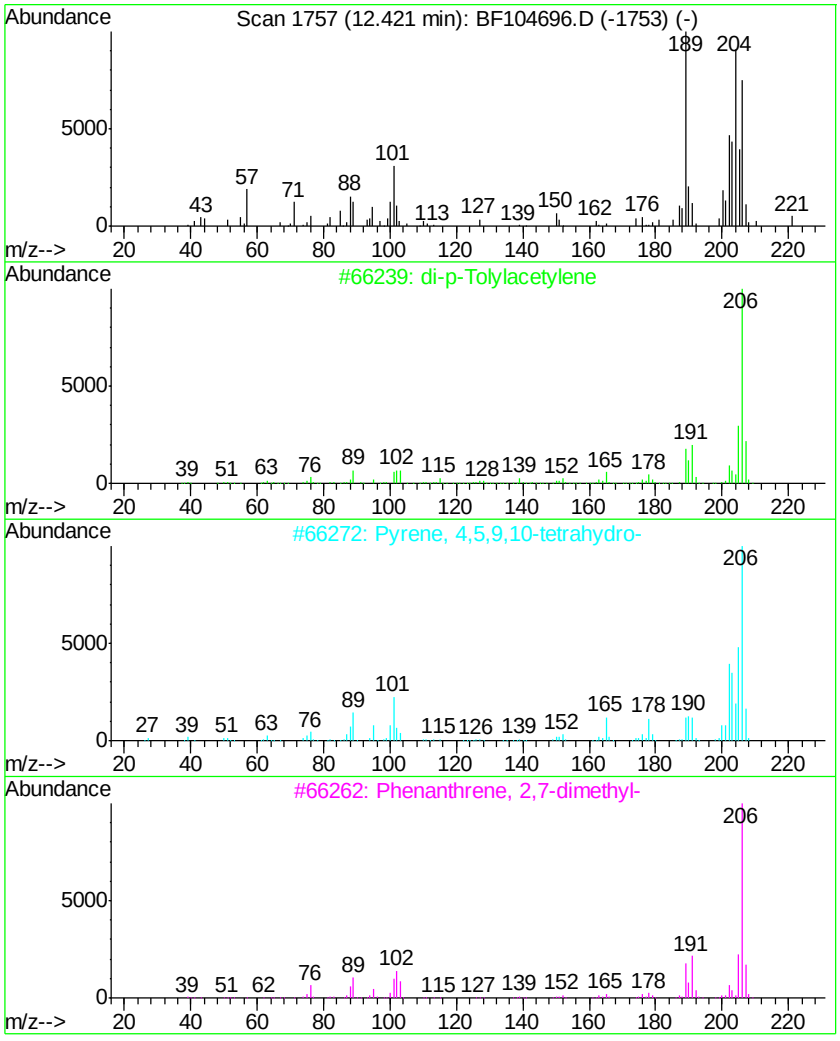
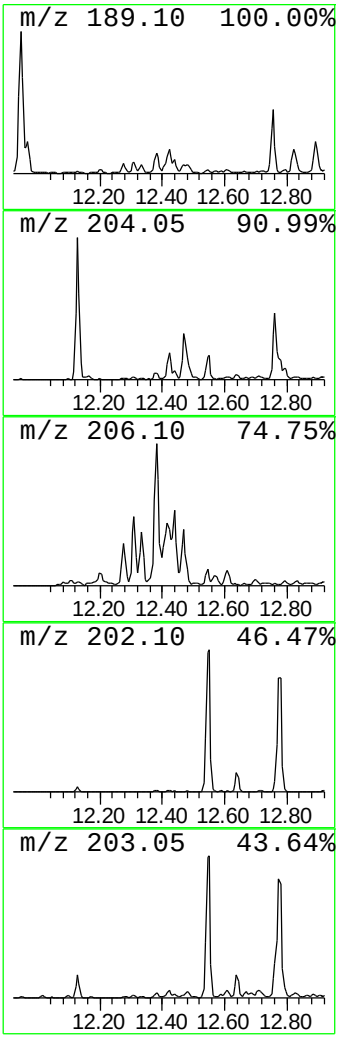
Peak Number 14 unknown12.42 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.18 ng	174945	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	46
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	41
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
4	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	38
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30





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Acq On : 21 Apr 2018 1:58
Operator : JU/SJ
Sample : J2453-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

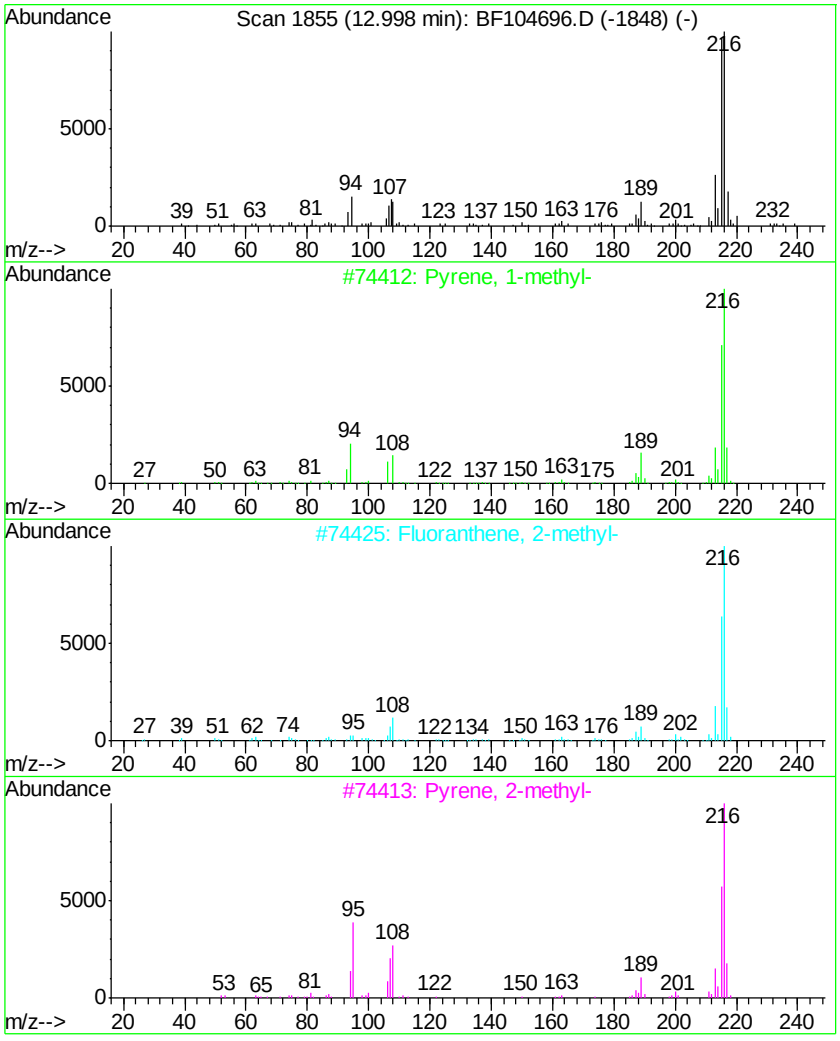
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

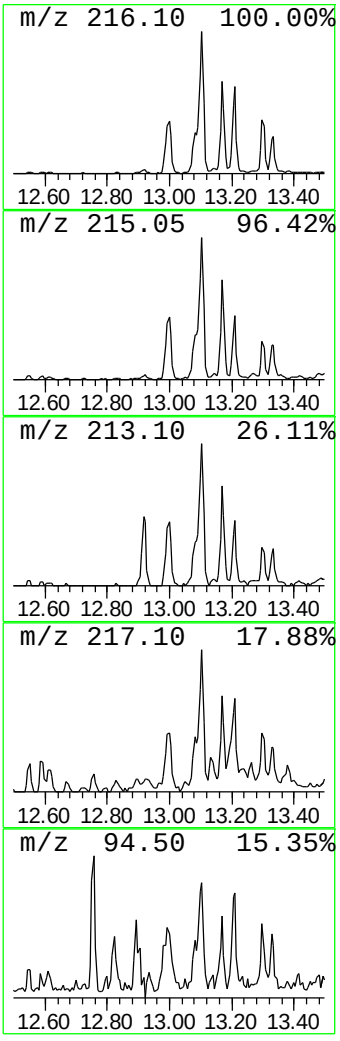
****

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	3.65 ng	287476	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Acq On : 21 Apr 2018 1:58
Operator : JU/SJ
Sample : J2453-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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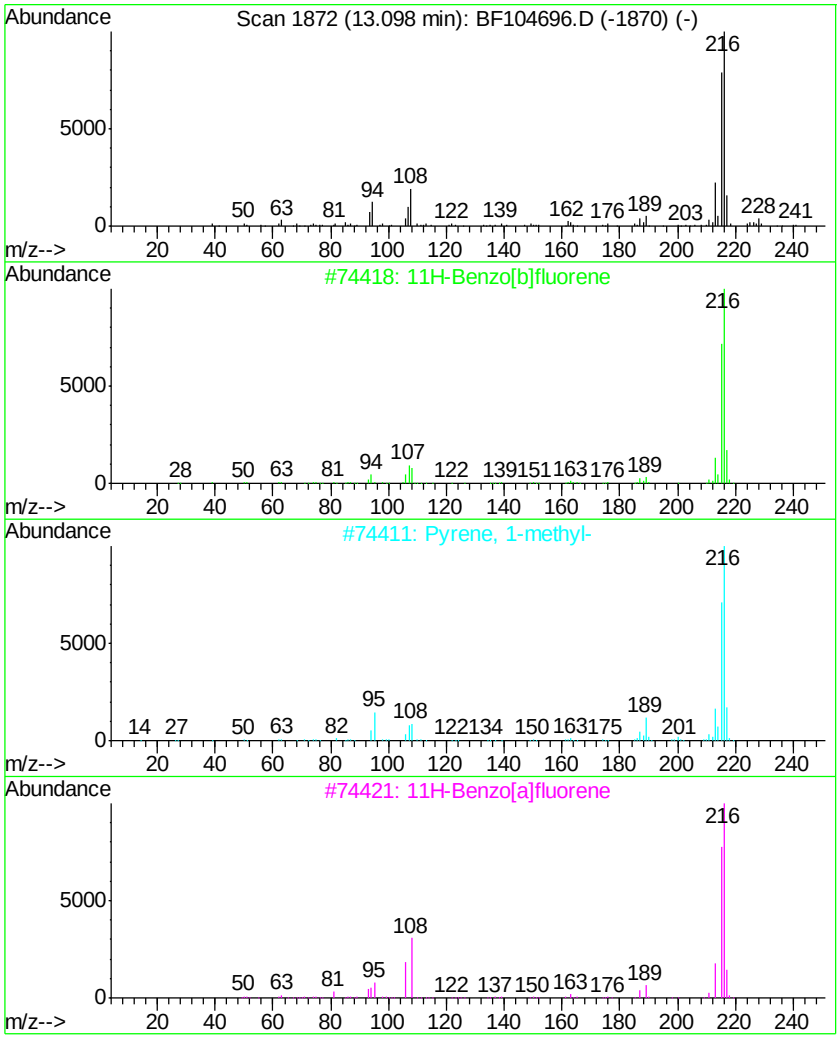
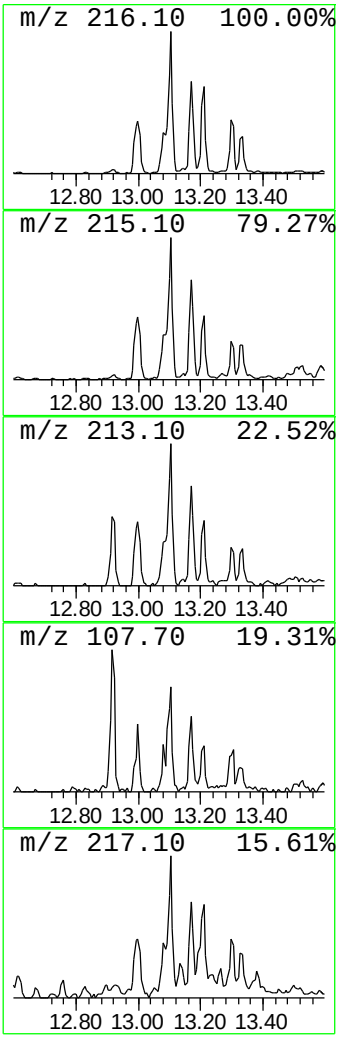
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	3.46 ng	272219	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	47





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Acq On : 21 Apr 2018 1:58
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Sample : J2453-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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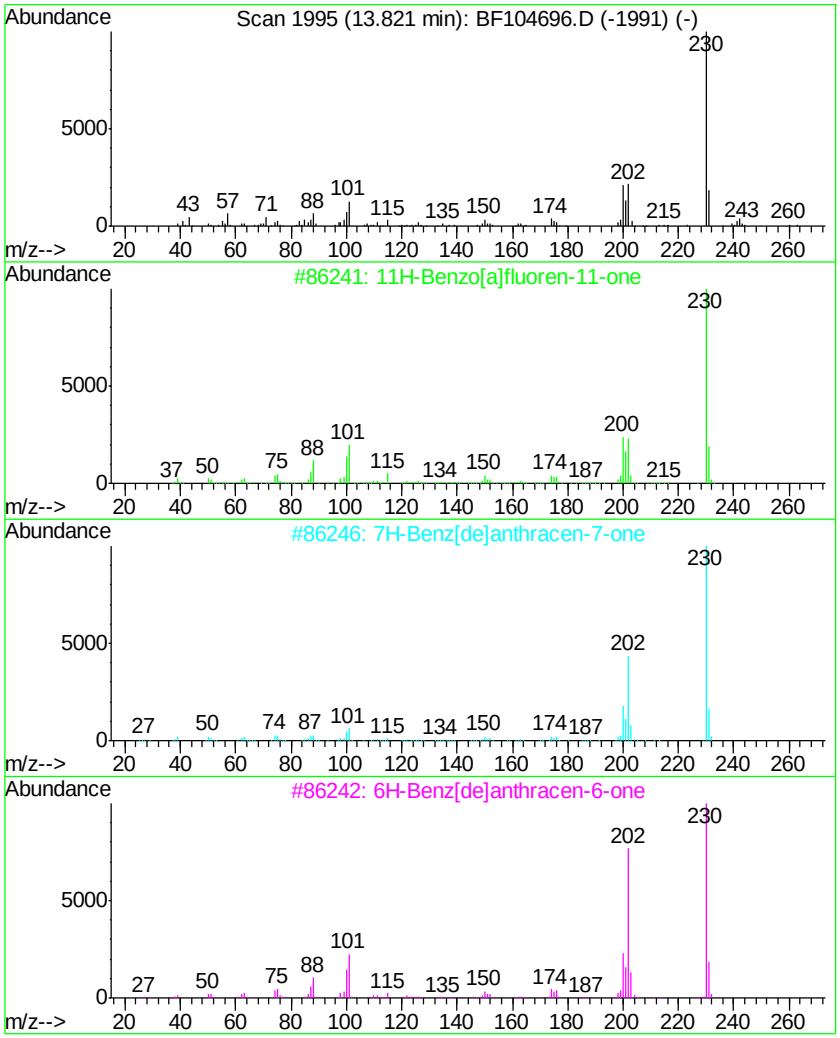
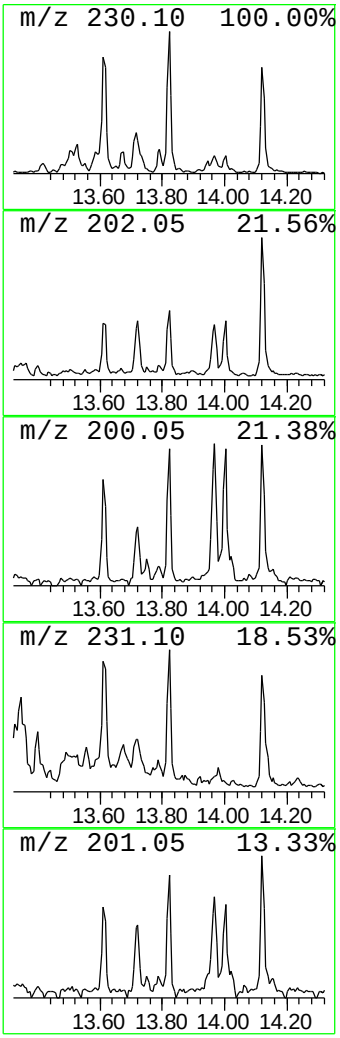
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.67 ng	288558	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	47
4	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	43
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104696.D
Acq On : 21 Apr 2018 1:58
Operator : JU/SJ
Sample : J2453-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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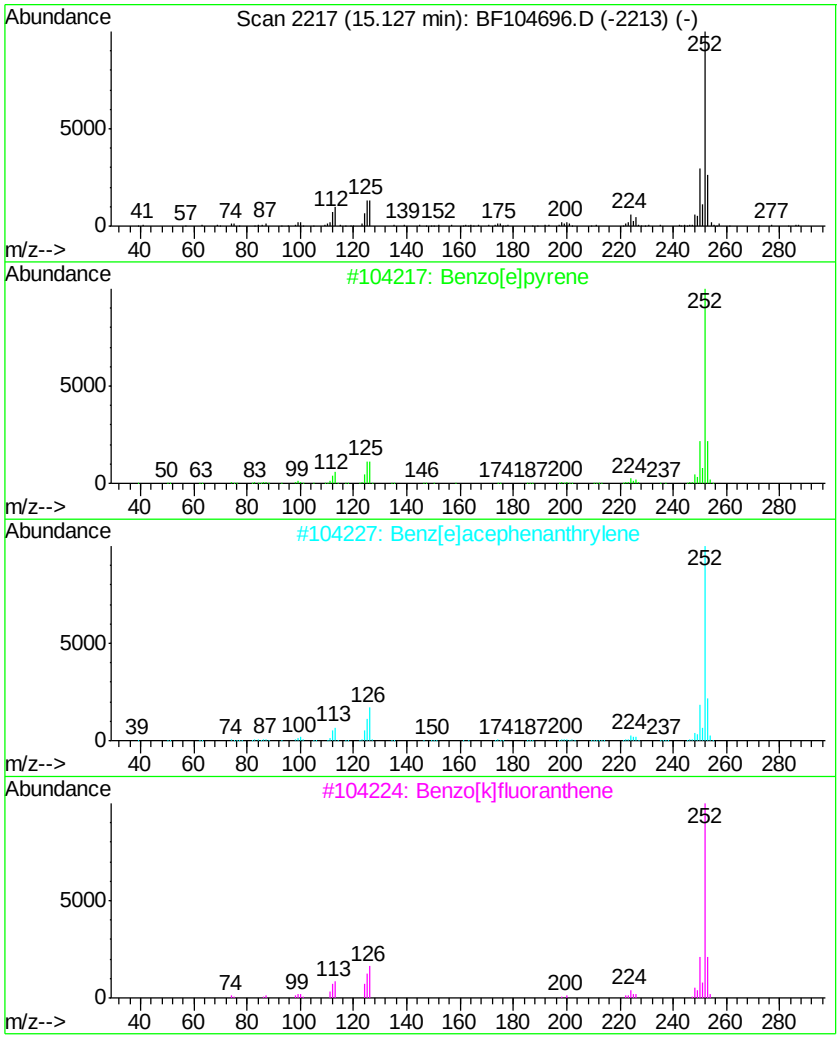
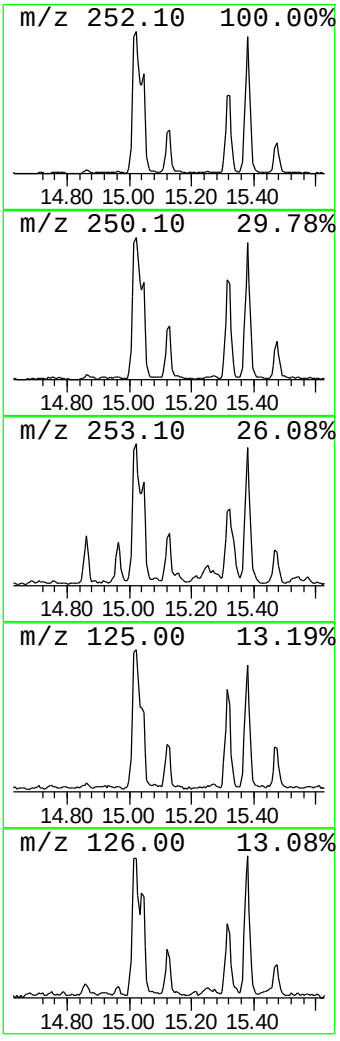
Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	4.56 ng	131401	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





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Acq On : 21 Apr 2018 1:58
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Sample : J2453-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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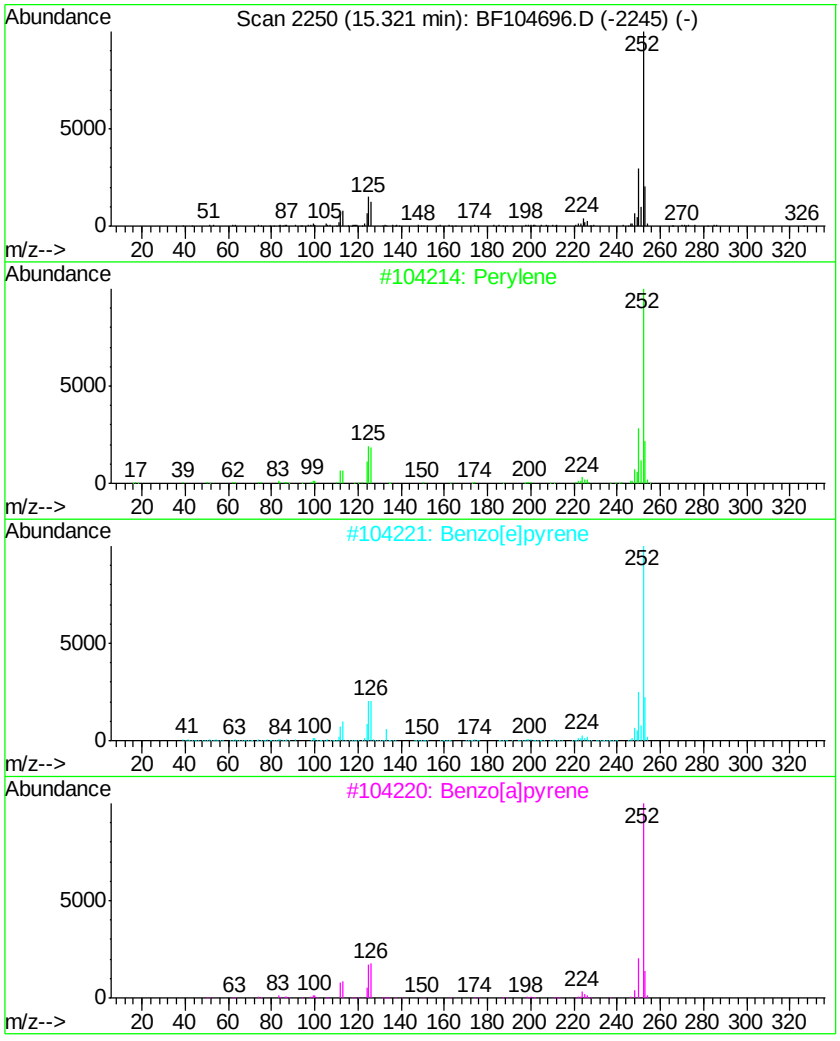
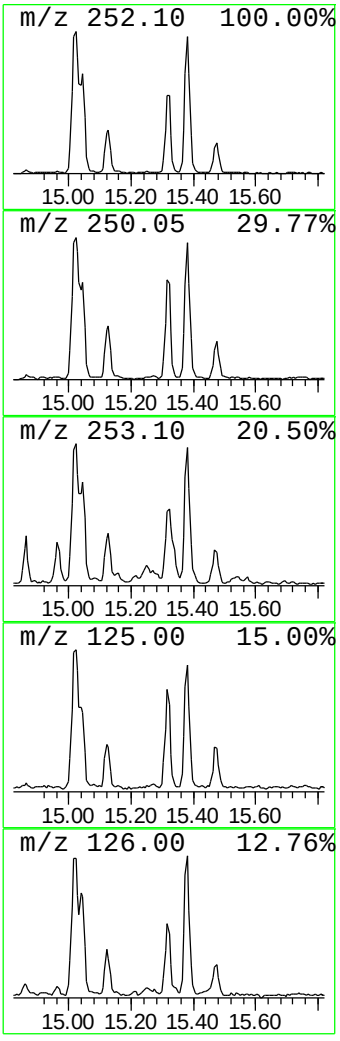
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	10.35 ng	298416	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

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Data File : BF104696.D
Acq On : 21 Apr 2018 1:58
Operator : JU/SJ
Sample : J2453-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-14_0.5-.10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
2-Pentanone, 4-hy...	5.01	4.3	ng	143950	1	6.80	666156	20.0
unknown6.57	6.57	68.3	ng	2273230	1	6.80	666156	20.0
Pentadecane	10.26	3.3	ng	143723	3	9.84	865807	20.0
Eicosane	10.74	4.6	ng	193728	4	11.33	837861	20.0
Tetracosane	11.19	4.4	ng	185978	4	11.33	837861	20.0
Phenanthrene, 2-m...	11.83	5.4	ng	225542	4	11.33	837861	20.0
4H-Cyclopenta[def...	11.95	8.3	ng	346218	4	11.33	837861	20.0
Phenanthrene, 1-m...	11.97	3.5	ng	146370	4	11.33	837861	20.0
Naphthalene, 2-ph...	12.13	3.6	ng	149445	4	11.33	837861	20.0
Phenanthrene, 2,5...	12.38	4.6	ng	192518	4	11.33	837861	20.0
unknown12.42	12.42	4.2	ng	174945	4	11.33	837861	20.0
Pyrene, 1-methyl-	13.00	3.6	ng	287476	5	13.98	1573610	20.0
11H-Benzo[b]fluorene	13.10	3.5	ng	272219	5	13.98	1573610	20.0
11H-Benzo[a]fluor...	13.82	3.7	ng	288558	5	13.98	1573610	20.0
Benzo[e]pyrene	15.13	4.6	ng	131401	6	15.44	576455	20.0
Perylene	15.32	10.4	ng	298416	6	15.44	576455	20.0