Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104137.D
Acq On : 2 Apr 2018 16:07
Operator : JU/SJ
Sample : J2175-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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-BF032818.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	2.281	28	33	38	rVB	69711	95595	3.43%	0.227%
2	5.192	524	528	536	rBV	93768	123452	4.43%	0.293%
3	5.592	593	596	618	rBV	1245994	1784805	64.07%	4.231%
4	6.598	763	767	786	rBV	1362722	2171664	77.95%	5.148%
5	6.733	786	790	816	rVB	1893457	2305388	82.76%	5.465%
6	6.957	825	828	844	rBV	453623	626462	22.49%	1.485%
7	7.110	851	854	870	rBV	1550020	1685025	60.49%	3.994%
8	7.522	920	924	948	rBV	954111	1444790	51.86%	3.425%
9	8.239	1042	1046	1066	rBV	790303	996632	35.78%	2.363%
10	9.310	1224	1228	1237	rBV	2142235	2152721	77.27%	5.103%
11	9.374	1237	1239	1244	rVB	49503	49651	1.78%	0.118%
12	9.698	1288	1294	1302	rVB	212383	248426	8.92%	0.589%
13	9.857	1318	1321	1326	rBV	105559	117007	4.20%	0.277%
14	9.904	1326	1329	1333	rVB	96133	75535	2.71%	0.179%
15	9.998	1341	1345	1349	rBV	1092077	1015618	36.46%	2.408%
16	10.027	1349	1350	1358	rVB	84454	74992	2.69%	0.178%
17	10.192	1375	1378	1382	rBV2	31386	47079	1.69%	0.112%
18	10.233	1382	1385	1389	rVV3	28819	42108	1.51%	0.100%
19	10.292	1392	1395	1401	rBV2	82871	93126	3.34%	0.221%
20	10.404	1408	1414	1419	rBV	122230	115443	4.14%	0.274%
21	10.551	1435	1439	1444	rVB2	35952	51660	1.85%	0.122%
22	10.621	1447	1451	1454	rVV3	32431	46703	1.68%	0.111%
23	10.704	1463	1465	1469	rVB2	32573	29222	1.05%	0.069%
24	10.792	1476	1480	1492	rBV	1289043	1542915	55.39%	3.658%
25	10.880	1492	1495	1501	rVB2	84512	115919	4.16%	0.275%
26	11.098	1525	1532	1534	rBV5	40937	75295	2.70%	0.178%
27	11.121	1534	1536	1542	rVB5	22452	32277	1.16%	0.077%
28	11.221	1548	1553	1555	rBV4	39137	50738	1.82%	0.120%
29	11.245	1555	1557	1562	rVV2	40369	54494	1.96%	0.129%
30	11.298	1562	1566	1569	rVV2	41535	64699	2.32%	0.153%
31	11.327	1569	1571	1575	rVV2	83877	108046	3.88%	0.256%
32	11.392	1579	1582	1589	rVB	41606	56873	2.04%	0.135%
33	11.492	1595	1599	1601	rBV	834698	836265	30.02%	1.982%
34	11.515	1601	1603	1610	rVV	863401	1037802	37.25%	2.460%

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104137.D
Acq On : 2 Apr 2018 16:07
Operator : JU/SJ
Sample : J2175-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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-BF032818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.574	1610	1613	1623	rVB	208924	340687	12.23%	0.808%
36	11.733	1634	1640	1642	rBV3	94824	131897	4.73%	0.313%
37	11.780	1646	1648	1651	rVB	52120	40528	1.45%	0.096%
38	11.998	1682	1685	1687	rBV2	258784	270905	9.72%	0.642%
39	12.021	1687	1689	1695	rVV2	221730	269561	9.68%	0.639%
40	12.074	1695	1698	1700	rVV	102435	105501	3.79%	0.250%
41	12.110	1700	1704	1706	rVV2	283209	366653	13.16%	0.869%
42	12.127	1706	1707	1711	rVV	159295	148373	5.33%	0.352%
43	12.168	1711	1714	1717	rVV3	32644	34431	1.24%	0.082%
44	12.292	1731	1735	1738	rBV2	134226	156422	5.61%	0.371%
45	12.327	1738	1741	1745	rVV2	98169	128693	4.62%	0.305%
46	12.363	1745	1747	1749	rVB	34743	27944	1.00%	0.066%
47	12.439	1755	1760	1763	rBV2	70050	96595	3.47%	0.229%
48	12.468	1763	1765	1768	rVV	62011	56353	2.02%	0.134%
49	12.498	1768	1770	1775	rVB2	59476	55407	1.99%	0.131%
50	12.545	1775	1778	1781	rBV	234685	271023	9.73%	0.642%
51	12.580	1781	1784	1787	rVV2	99705	151921	5.45%	0.360%
52	12.639	1790	1794	1802	rVB2	194650	294803	10.58%	0.699%
53	12.715	1803	1807	1815	rBV	2064708	2279414	81.82%	5.403%
54	12.774	1815	1817	1821	rVB2	62573	73987	2.66%	0.175%
55	12.868	1830	1833	1835	rBV2	53328	44088	1.58%	0.105%
56	12.951	1840	1847	1852	rBV	2267594	2785794	100.00%	6.604%
57	12.992	1852	1854	1860	rVB	167877	183241	6.58%	0.434%
58	13.074	1864	1868	1878	rVB	1389771	1689695	60.65%	4.005%
59	13.162	1878	1883	1888	rBV3	229911	412154	14.79%	0.977%
60	13.257	1894	1899	1900	rBV3	220277	324127	11.63%	0.768%
61	13.339	1910	1913	1915	rBV	93743	88711	3.18%	0.210%
62	13.380	1915	1920	1922	rVV2	261404	328901	11.81%	0.780%
63	13.468	1932	1935	1938	rBV	205489	225933	8.11%	0.536%
64	13.504	1938	1941	1944	rVB	192853	191838	6.89%	0.455%
65	13.568	1950	1952	1959	rVB4	52583	80111	2.88%	0.190%
66	13.786	1986	1989	1996	rBV	262173	297518	10.68%	0.705%
67	13.898	2005	2008	2010	rBV	191716	199264	7.15%	0.472%
68	13.921	2010	2012	2015	rVV	238510	248969	8.94%	0.590%
69	13.951	2015	2017	2023	rVV3	299558	423339	15.20%	1.004%
70	13.998	2023	2025	2032	rVB2	201809	252079	9.05%	0.598%
71	14.145	2046	2050	2054	rBV2	1234975	2120882	76.13%	5.028%

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Sample : J2175-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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-BF032818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.180	2054	2056	2063	rVV	1131678	1170690	42.02%	2.775%
73	14.257	2067	2069	2074	rBV3	106446	128327	4.61%	0.304%
74	14.504	2109	2111	2113	rBV	84942	81419	2.92%	0.193%
75	14.545	2115	2118	2121	rVV	277298	309191	11.10%	0.733%
76	14.580	2121	2124	2128	rVB2	117210	155971	5.60%	0.370%
77	14.674	2137	2140	2142	rBV	107529	110146	3.95%	0.261%
78	14.880	2172	2175	2178	rBV3	71126	120599	4.33%	0.286%
79	15.062	2203	2206	2210	rBV3	118565	148925	5.35%	0.353%
80	15.245	2231	2237	2240	rBV	998964	1826787	65.58%	4.330%
81	15.351	2252	2255	2264	rVB	148372	207597	7.45%	0.492%
82	15.568	2287	2292	2299	rVB	530866	794878	28.53%	1.884%
83	15.633	2299	2303	2310	rBV	720020	1057701	37.97%	2.507%
84	15.698	2310	2314	2317	rBV	358234	472518	16.96%	1.120%
85	17.292	2579	2585	2597	rVB2	266170	630793	22.64%	1.495%
86	17.774	2661	2667	2676	rBV	163693	402958	14.46%	0.955%

Sum of corrected areas: 42184669

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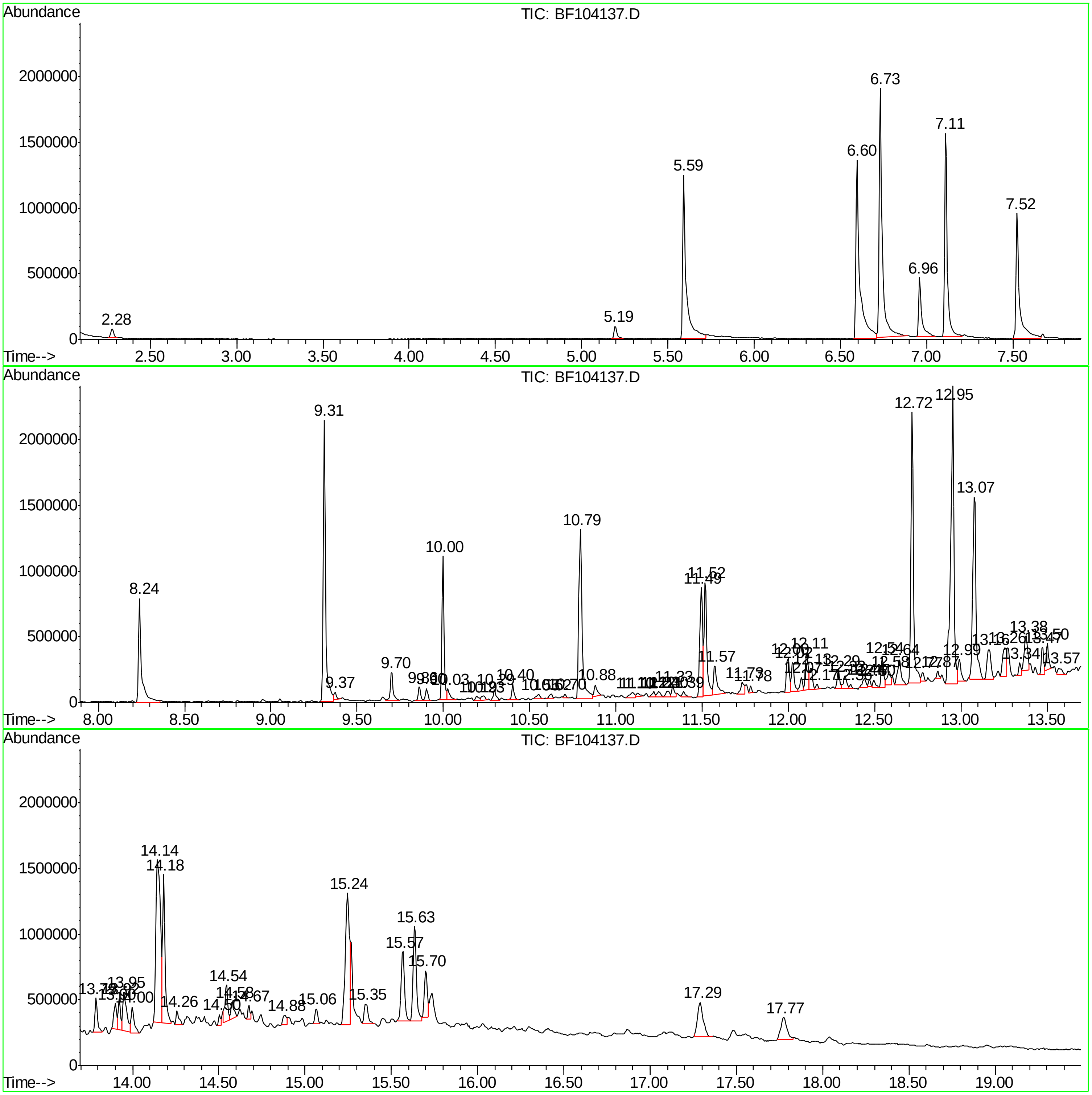
Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.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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Sample : J2175-01
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Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

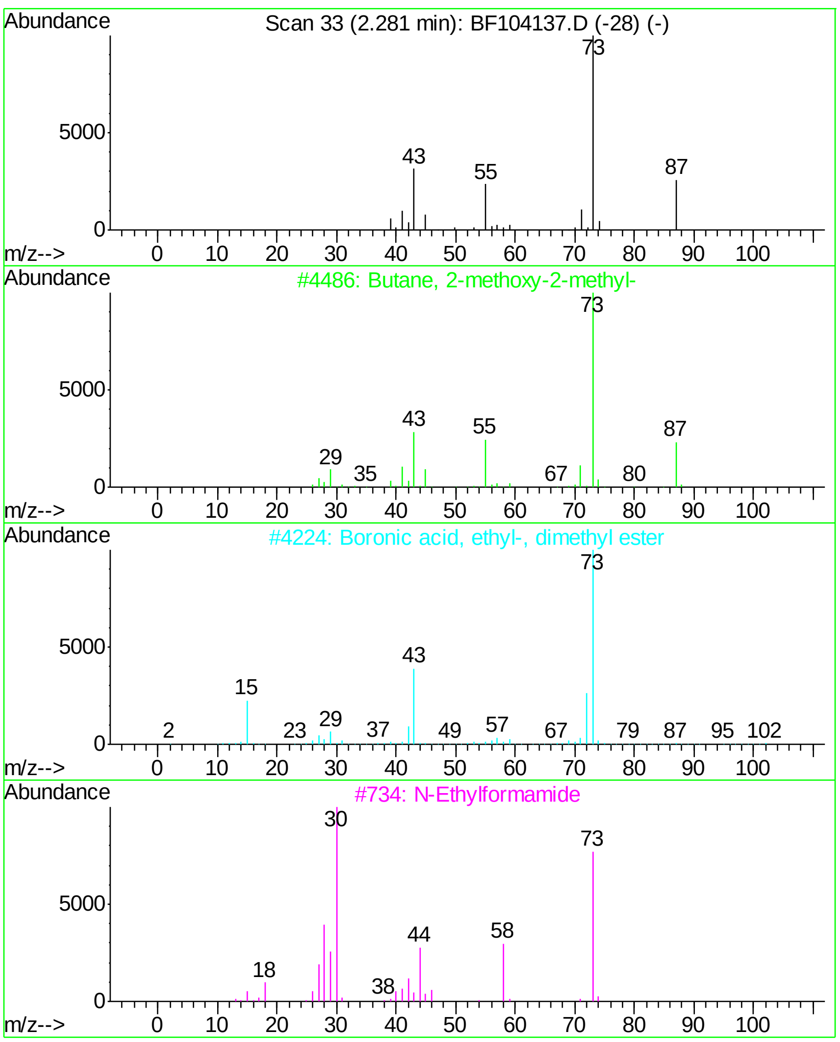
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

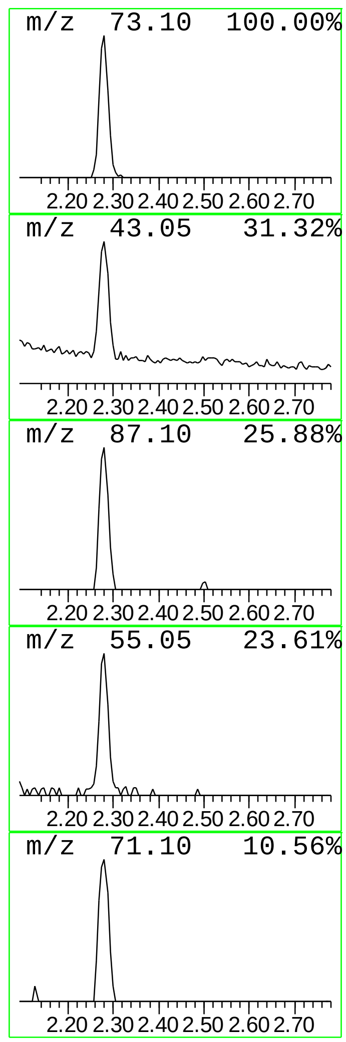
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.28	3.05 ng	95595	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Acq On : 2 Apr 2018 16:07
Operator : JU/SJ
Sample : J2175-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

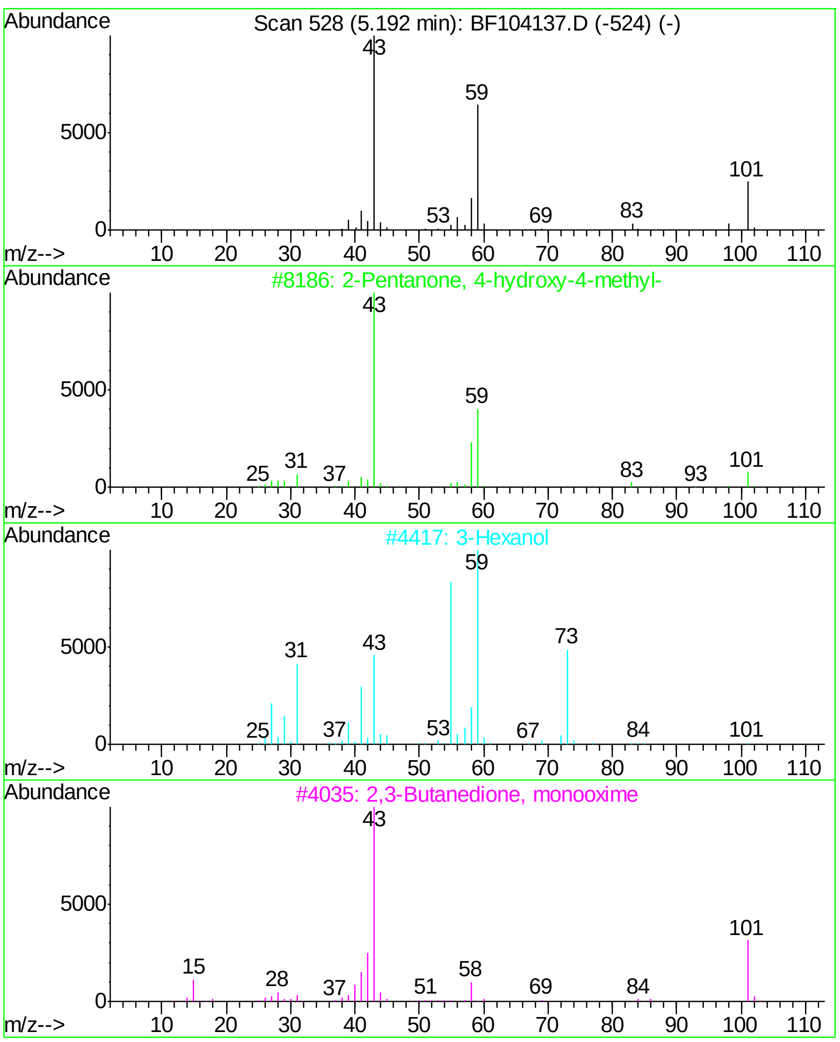
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

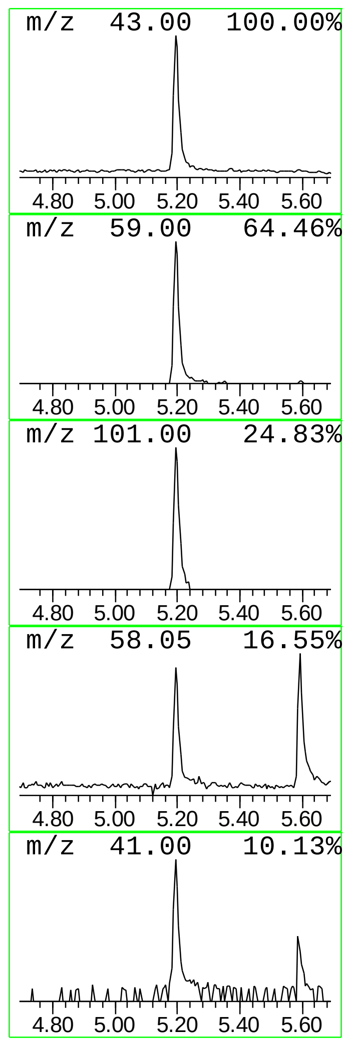
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.94 ng	123452	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol	102	C6H14O	000623-37-0	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23





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Data File : BF104137.D
Acq On : 2 Apr 2018 16:07
Operator : JU/SJ
Sample : J2175-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

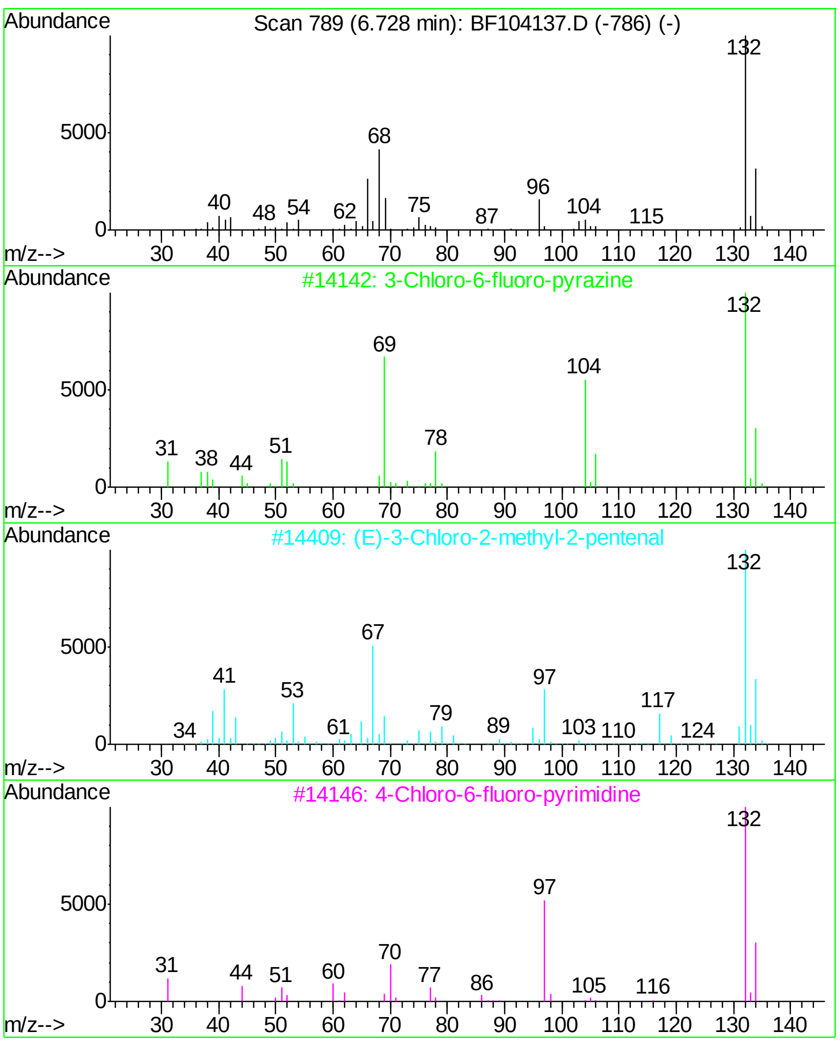
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

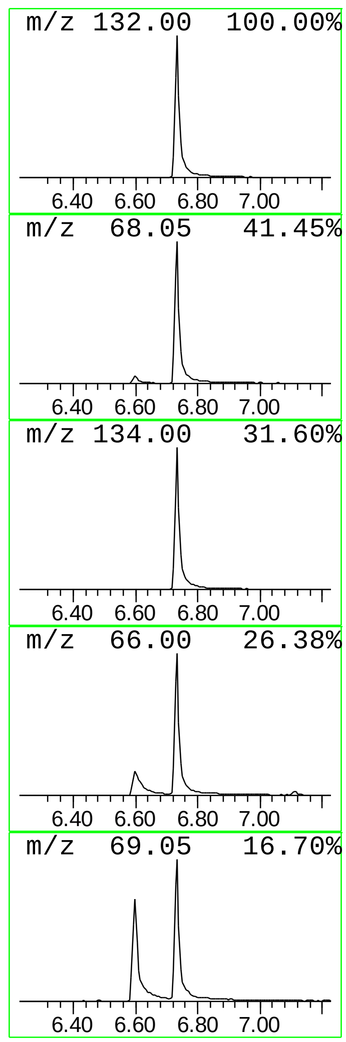
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	73.60 ng	2305390	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104137.D
Acq On : 2 Apr 2018 16:07
Operator : JU/SJ
Sample : J2175-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.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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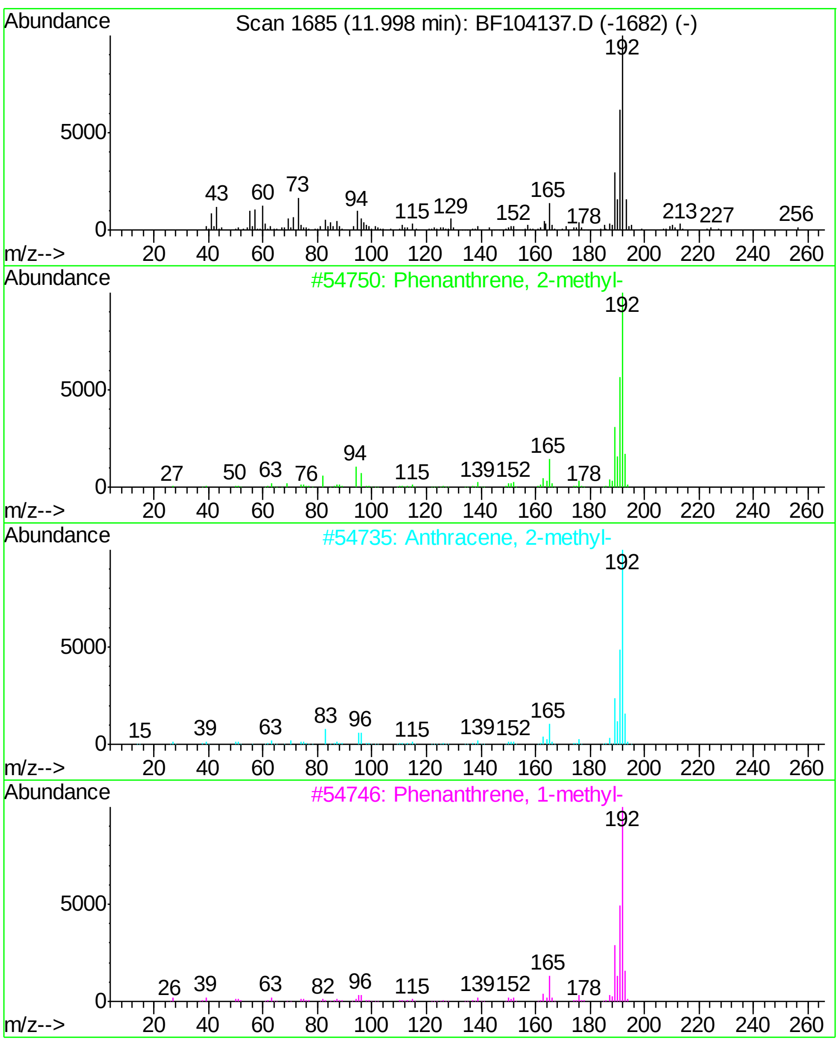
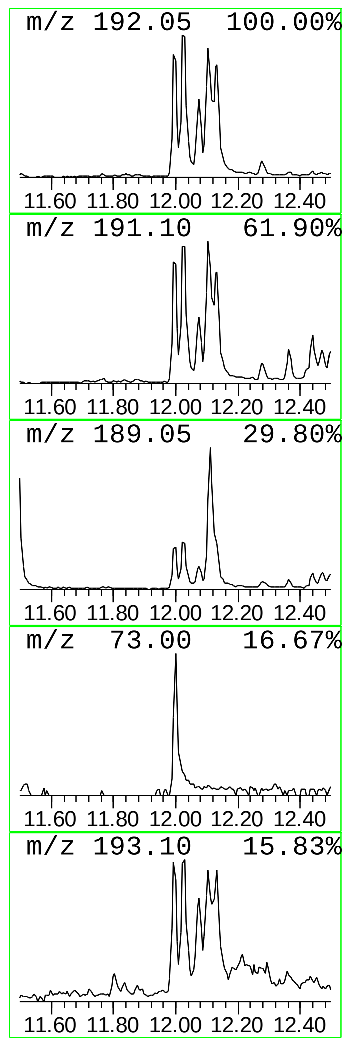
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.48 ng	270905	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Acq On : 2 Apr 2018 16:07
Operator : JU/SJ
Sample : J2175-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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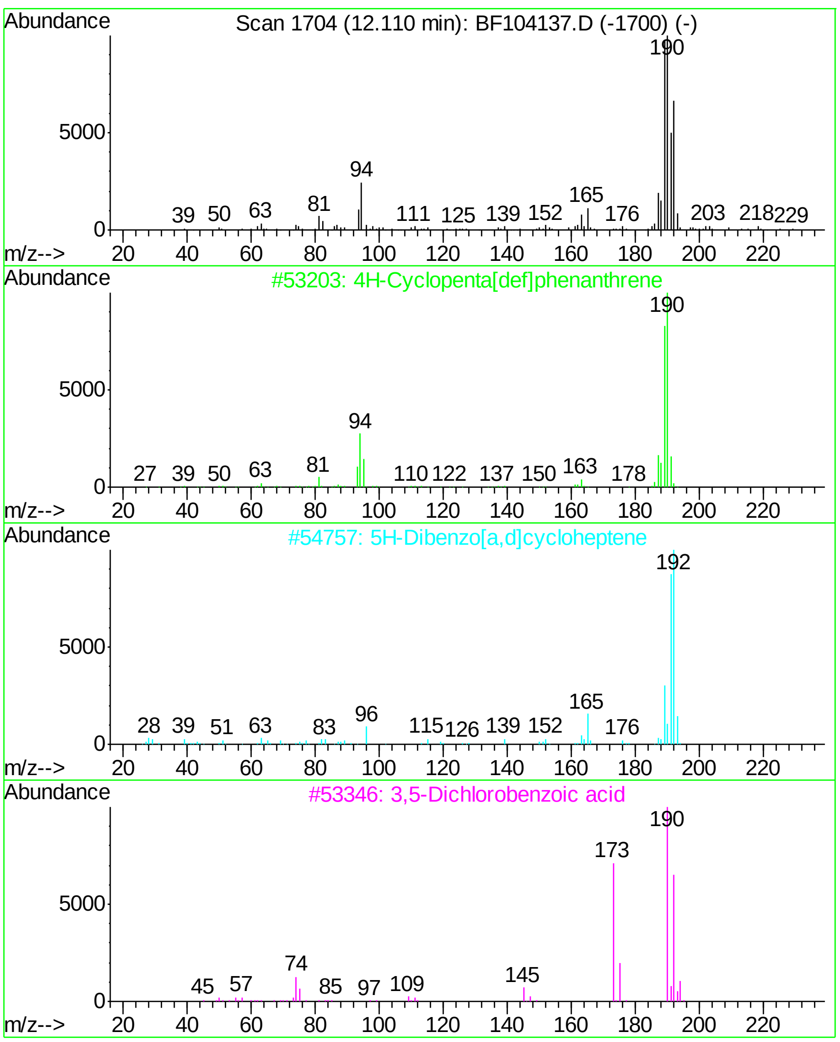
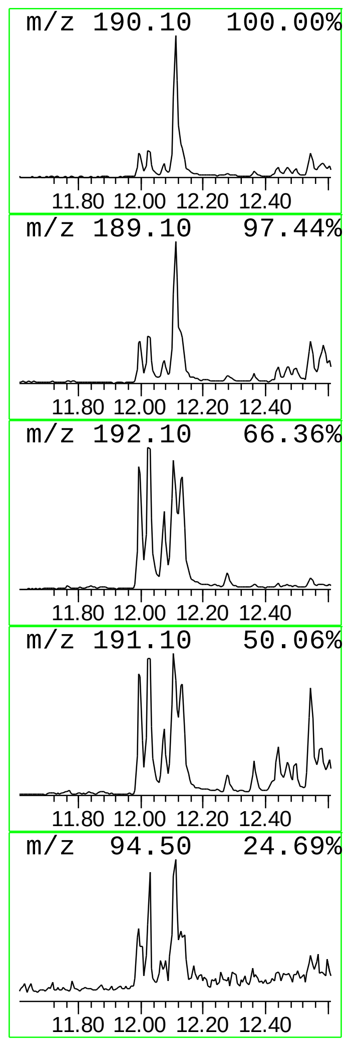
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	8.77 ng	366653	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35
3	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104137.D
Acq On : 2 Apr 2018 16:07
Operator : JU/SJ
Sample : J2175-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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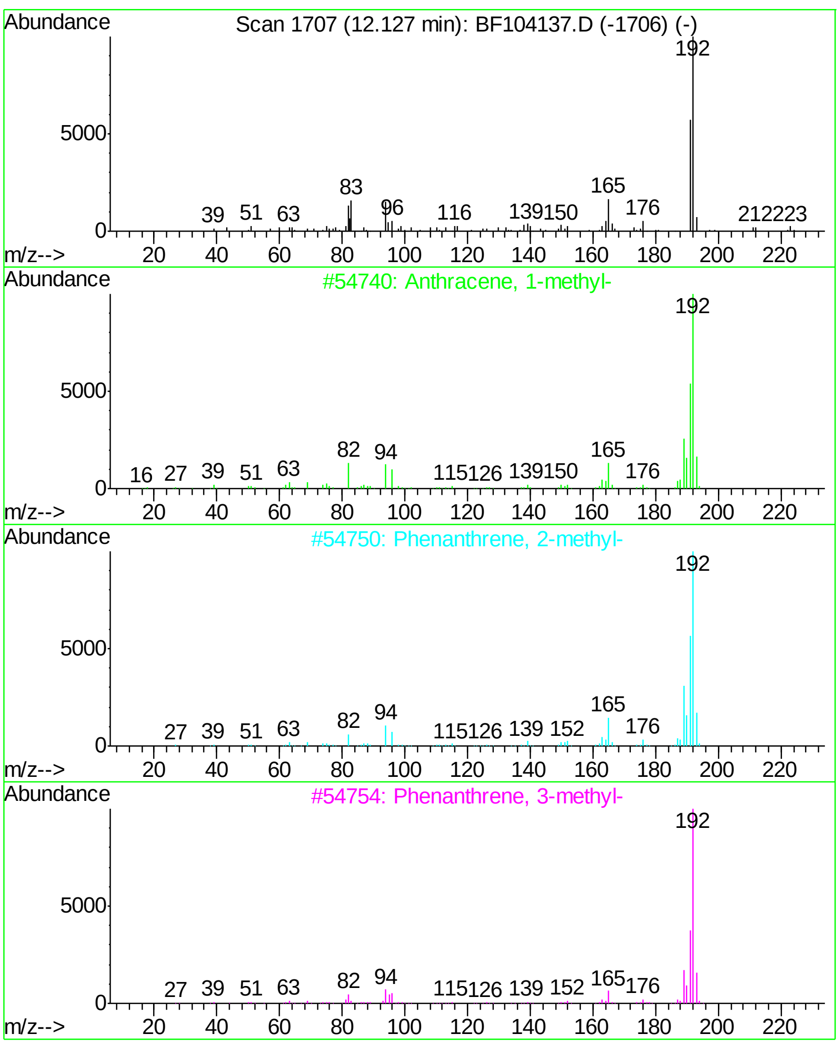
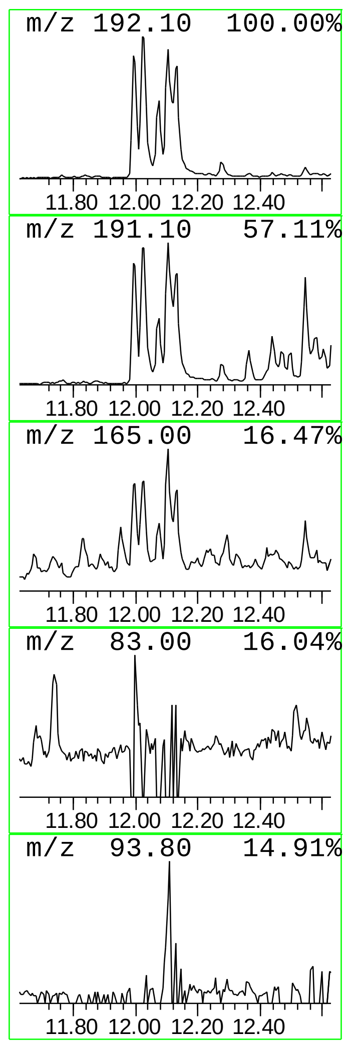
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	3.55 ng	148373	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	68
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64





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Acq On : 2 Apr 2018 16:07
Operator : JU/SJ
Sample : J2175-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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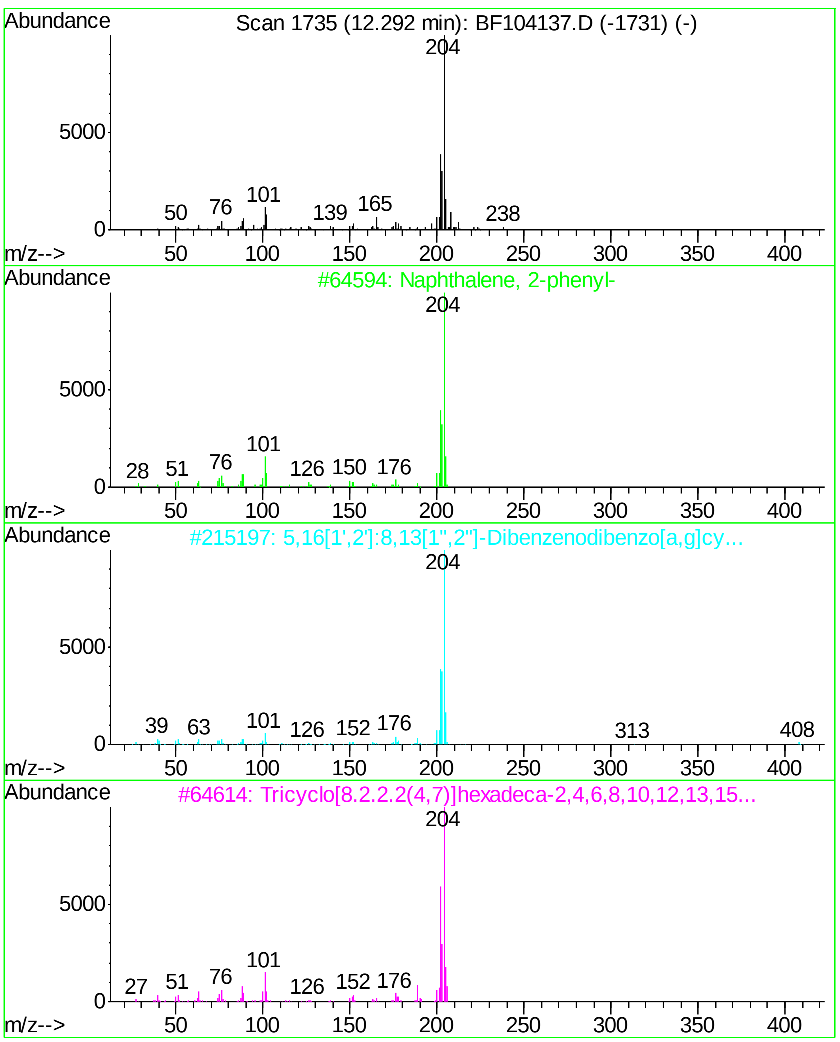
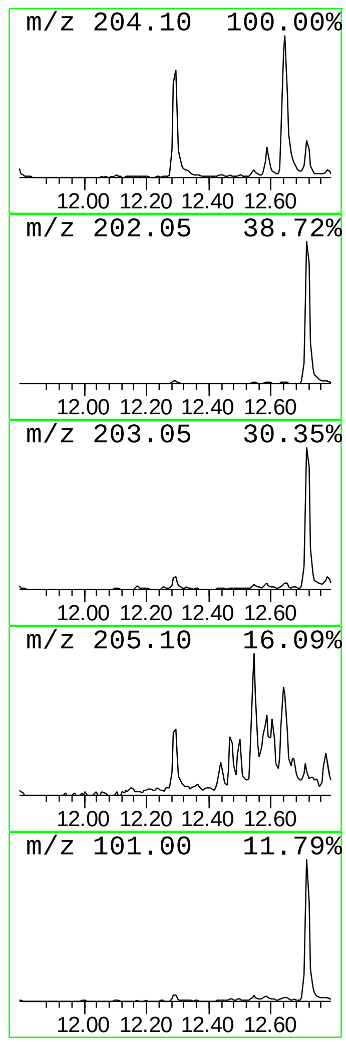
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.74 ng	156422	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52





Library Search Compound Report

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ClientSampleId :
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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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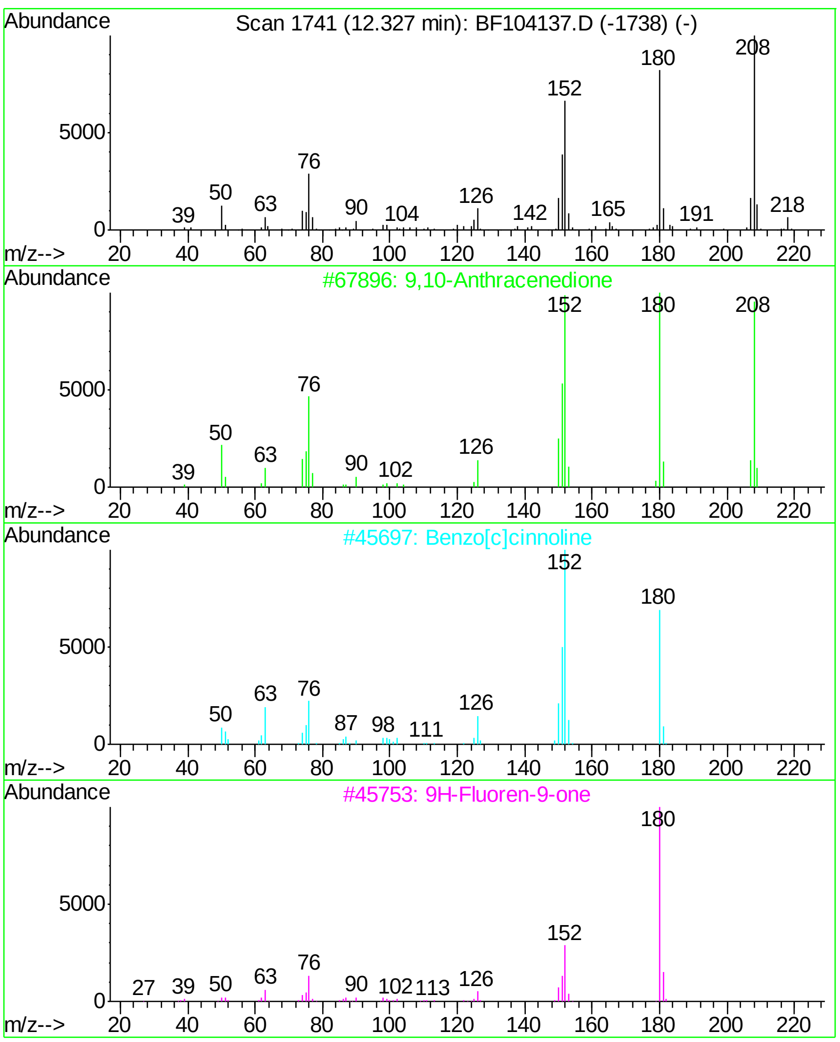
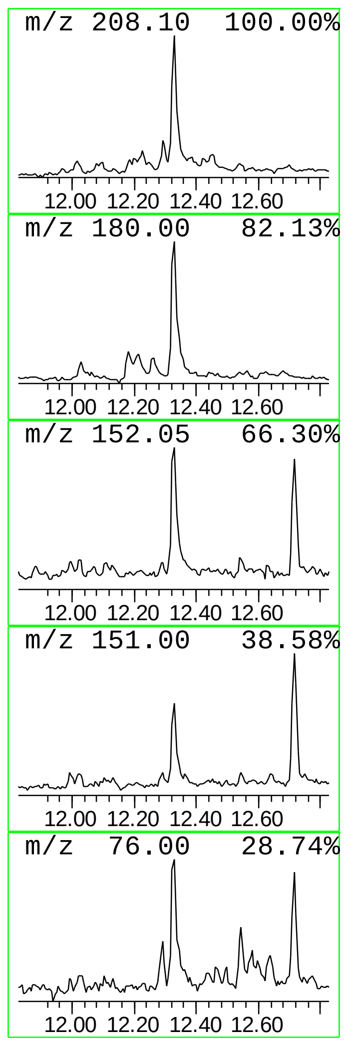
Peak Number 10 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	3.08 ng	128693	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49





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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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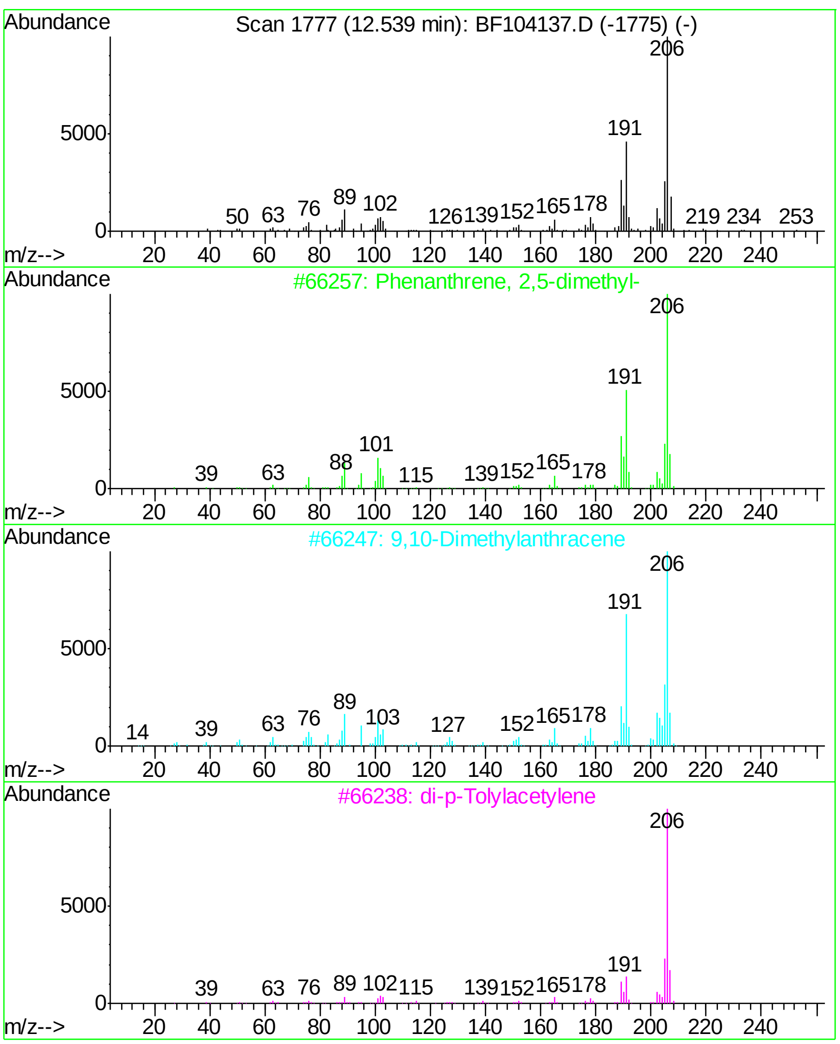
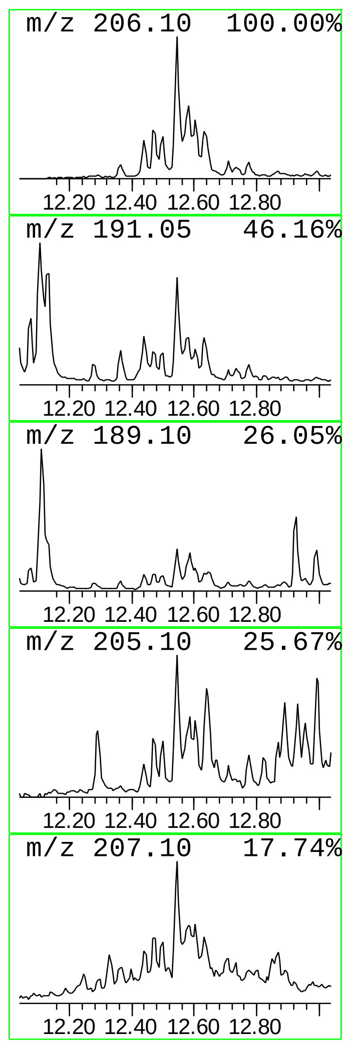
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	6.48 ng	271023	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





Library Search Compound Report

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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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Instrument : BNA_F
ClientSampleId : TP-3

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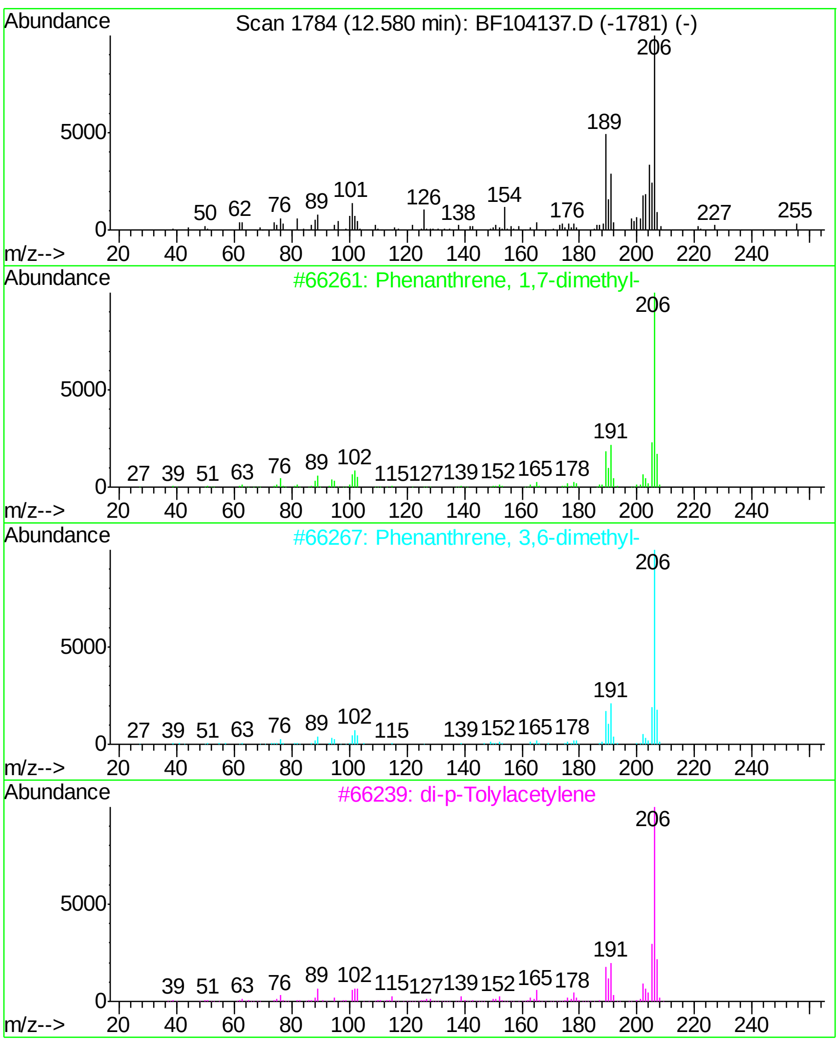
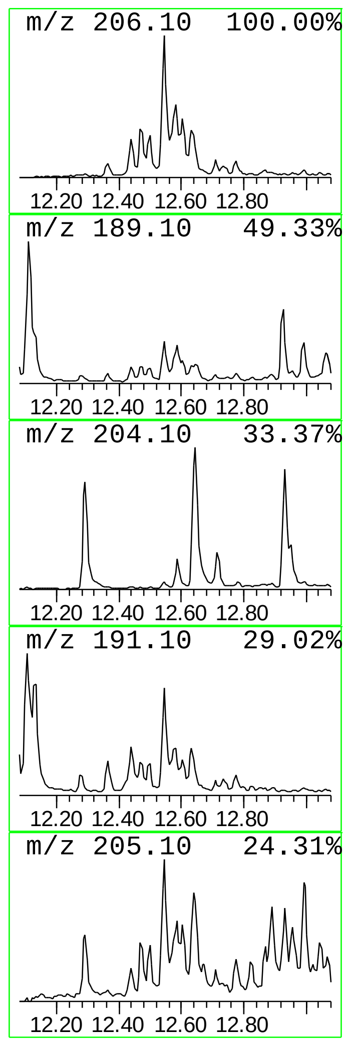
Peak Number 12 Phenanthrene, 1,7-dimethyl-   Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	3.63 ng	151921	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	60
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	53
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	50
5	5-Methyl-2-(p-tolylimino)-1,3-th...	206	C11H14N2S	070446-87-6	50





Instrument : BNA_F
ClientSampleId : TP-3

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Misc      :
ALS Vial  : 14   Sample Multiplier: 1

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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  Cyclopenta(def)phenanthrenone   Concentration Rank  6
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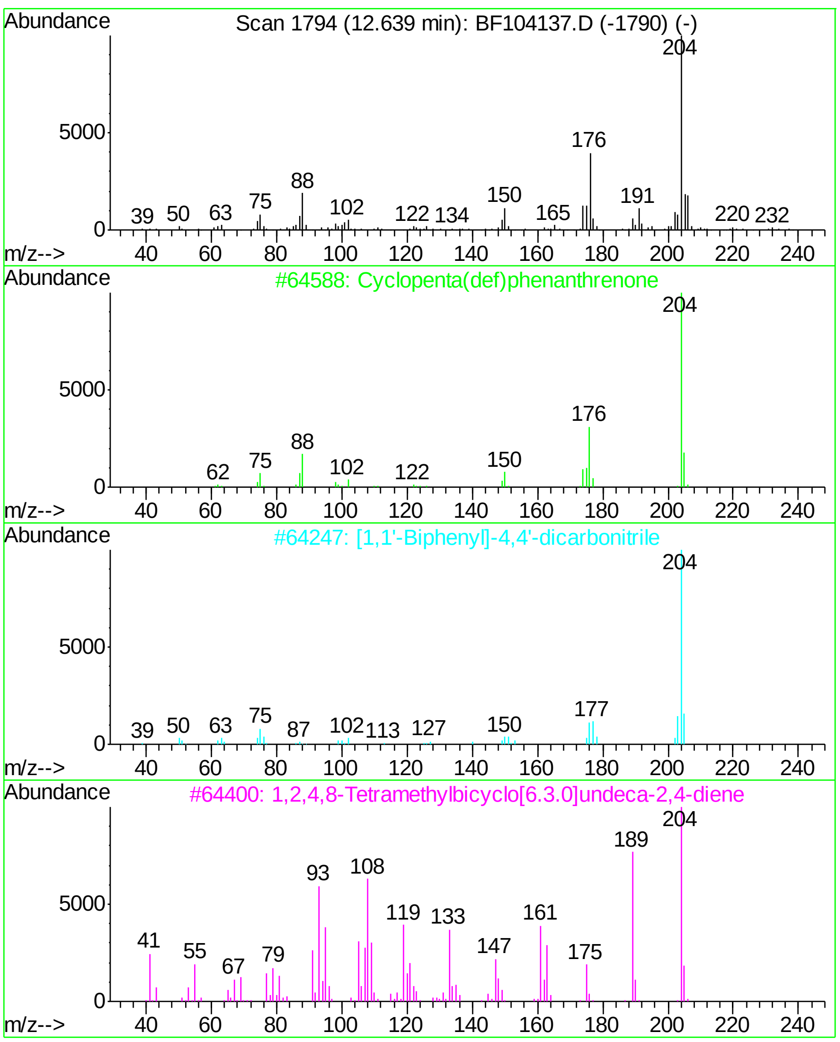
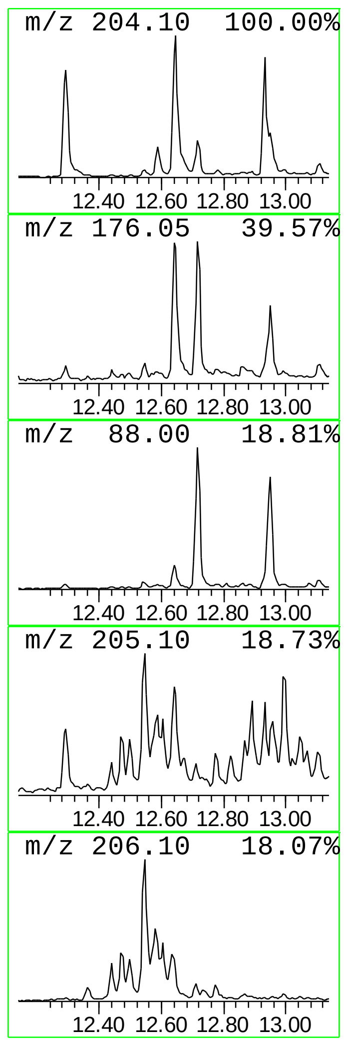
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	7.05 ng	294803	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42





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Sample : J2175-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.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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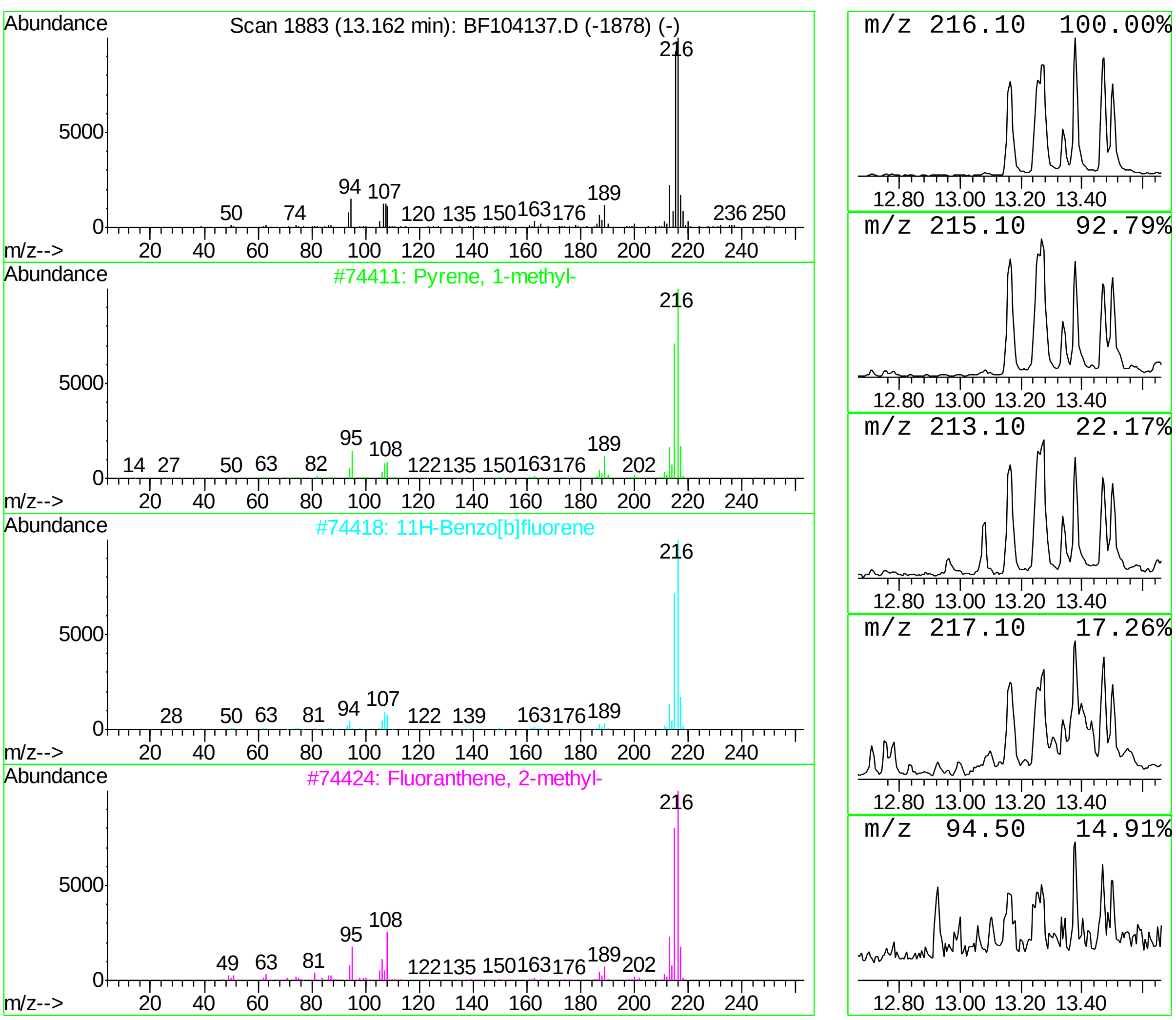
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	3.89 ng	412154	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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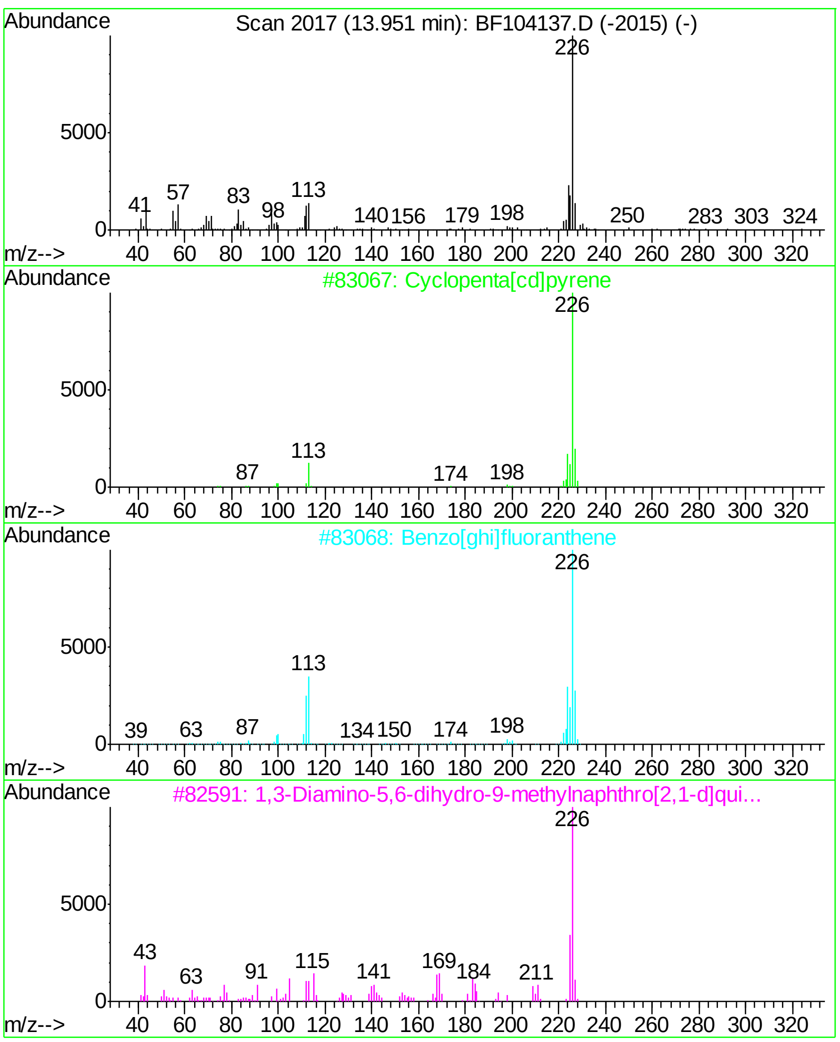
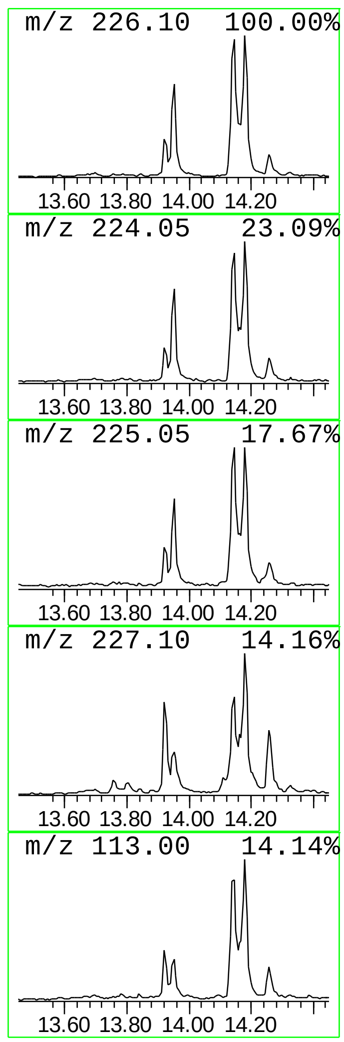
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.99 ng	423339	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	64
3	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	42
4	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	42
5	2-Thiazolamine, 4-(1-naphthalenyl)-	226	C13H10N2S	056503-96-9	40





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Operator  : JU/SJ
Sample    : J2175-01
Misc      :
ALS Vial  : 14   Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.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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Instrument :
BNA_F
ClientSampleId :
TP-3

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**********************************************************************
Peak Number 18  Imidazo[1,2-b]-1,2,4-triazi...  Concentration Rank 10

  R.T.   EstConc           Area       Relative to ISTD         R.T.
----------------------------------------------------------------------
 15.06    6.30 ng         148925    Perylene-d12               15.70

 Hit# of  5    Tentative ID              MW  MolForm       CAS#       Qual
----------------------------------------------------------------------
 1 Imidazo[1,2-b]-1,2,4-triazine, 6... 254 C14H14N4O      1000277-24-4 64
 2 Benzo[a]pyrene, 4,5-dihydro-        254 C20H14         057652-66-1 62
 3 Anthracene, 9-phenyl-               254 C20H14         000602-55-1 62
 4 Benzo(a)pyrene, 7,8-dihydro-        254 C20H14         017573-23-8 62
 5 1,1'-Binaphthalene                  254 C20H14         000604-53-5 62
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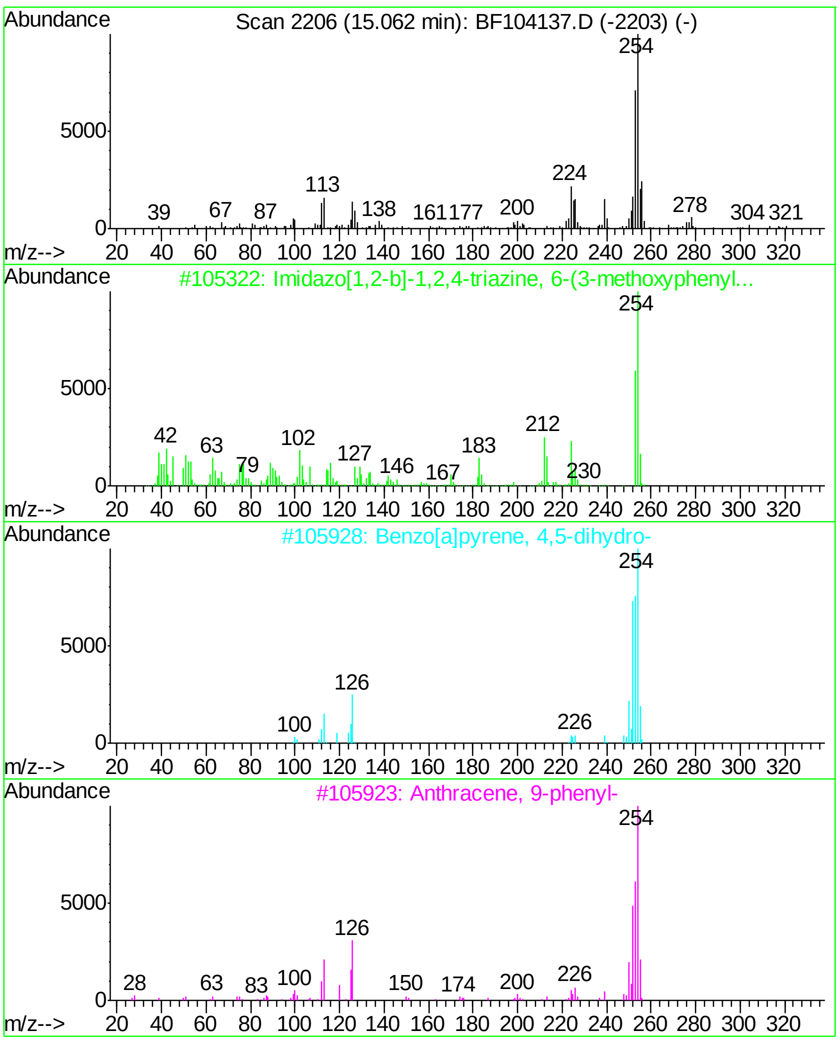

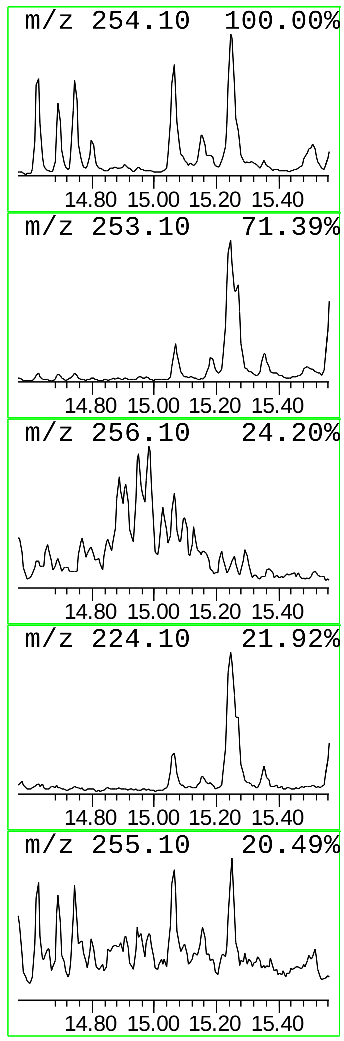

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Operator : JU/SJ
Sample : J2175-01
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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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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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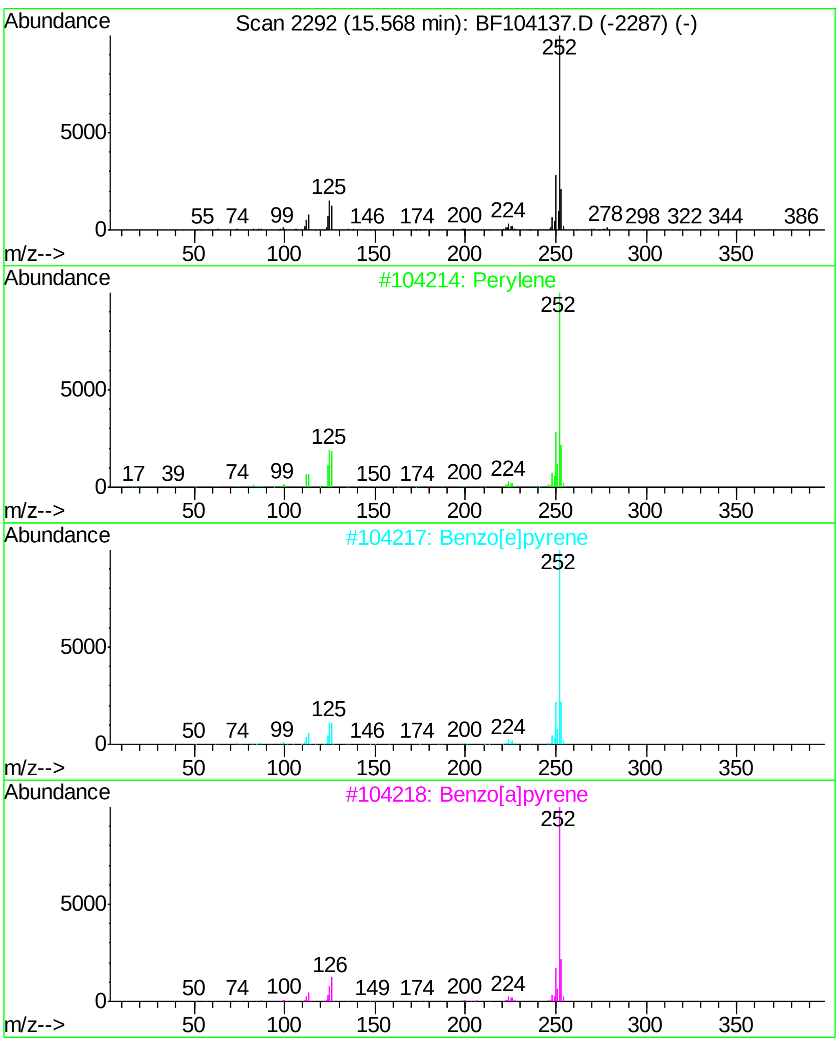
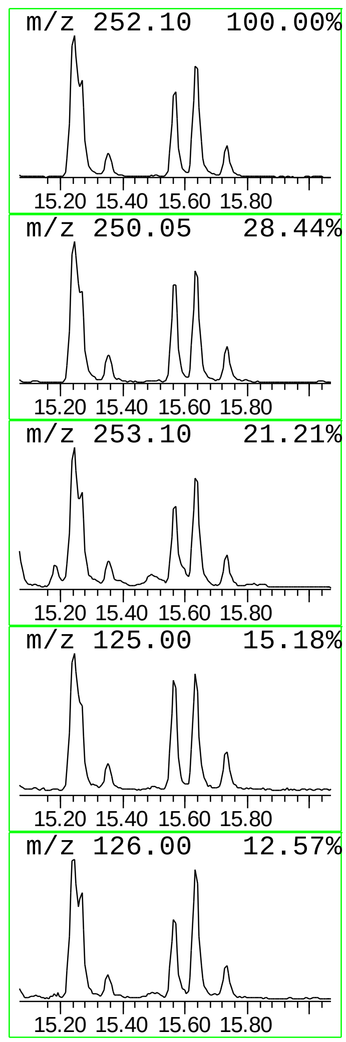
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	33.64 ng	794878	Perylene-d12	15.70

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	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

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Data File : BF104137.D
Acq On : 2 Apr 2018 16:07
Operator : JU/SJ
Sample : J2175-01
Misc :
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Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Butane, 2-methoxy...	2.28	3.0	ng	95595	1	6.96	626462	20.0
2-Pentanone, 4-hy...	5.19	3.9	ng	123452	1	6.96	626462	20.0
unknown6.73	6.73	73.6	ng	2305390	1	6.96	626462	20.0
Phenanthrene, 2-m...	12.00	6.5	ng	270905	4	11.49	836265	20.0
4H-Cyclopenta[def...	12.11	8.8	ng	366653	4	11.49	836265	20.0
Anthracene, 1-met...	12.13	3.5	ng	148373	4	11.49	836265	20.0
Naphthalene, 2-ph...	12.29	3.7	ng	156422	4	11.49	836265	20.0
9,10-Anthracenedione	12.33	3.1	ng	128693	4	11.49	836265	20.0
Phenanthrene, 2,5...	12.54	6.5	ng	271023	4	11.49	836265	20.0
Phenanthrene, 1,7...	12.58	3.6	ng	151921	4	11.49	836265	20.0
Cyclopenta(def)ph...	12.64	7.0	ng	294803	4	11.49	836265	20.0
Pyrene, 1-methyl-	13.16	3.9	ng	412154	5	14.16	2120880	20.0
Cyclopenta[cd]pyrene	13.95	4.0	ng	423339	5	14.16	2120880	20.0
Imidazo[1,2-b]-1,...	15.06	6.3	ng	148925	6	15.70	472518	20.0
Perylene	15.57	33.6	ng	794878	6	15.70	472518	20.0