LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103231.D
Acq On : 26 Feb 2018 21:31
Operator : SJ/JU
Sample : J1691-45 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B12

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-BF022218.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	5.492	575	579	595	rVB	1619554	1573452	13.15%	2.850%
2	6.504	747	751	760	rBV	1694551	1656001	13.84%	2.999%
3	6.645	771	775	778	rBV	1668933	1566837	13.09%	2.838%
4	6.875	810	814	817	rBV	1103550	992985	8.30%	1.799%
5	7.028	836	840	846	rVB	1442259	1192412	9.97%	2.160%
6	7.434	906	909	918	rBV	1043485	974001	8.14%	1.764%
7	7.910	983	990	993	rBV	374241	536037	4.48%	0.971%
8	8.157	1029	1032	1035	rBV	1543513	1272359	10.63%	2.305%
9	8.498	1086	1090	1095	rBV	182779	195009	1.63%	0.353%
10	9.228	1210	1214	1222	rVV	1847421	1506226	12.59%	2.728%
11	9.698	1288	1294	1303	rBV2	168279	248383	2.08%	0.450%
12	9.775	1303	1307	1312	rVV	438581	380345	3.18%	0.689%
13	9.916	1327	1331	1334	rVV	1273335	1151783	9.63%	2.086%
14	9.945	1334	1336	1339	rVB	163459	125908	1.05%	0.228%
15	10.116	1361	1365	1368	rVV2	105404	123403	1.03%	0.224%
16	10.327	1395	1401	1405	rBV2	94454	139503	1.17%	0.253%
17	10.463	1421	1424	1429	rVB	243107	244460	2.04%	0.443%
18	10.622	1448	1451	1454	rVB	403700	334063	2.79%	0.605%
19	10.704	1461	1465	1471	rVB	872920	761714	6.37%	1.380%
20	11.010	1512	1517	1520	rBV2	118081	147808	1.24%	0.268%
21	11.298	1565	1566	1570	rVB	155635	123708	1.03%	0.224%
22	11.404	1580	1584	1586	rBV	1064805	987393	8.25%	1.788%
23	11.433	1586	1589	1594	rVV	1735402	1690684	14.13%	3.062%
24	11.480	1594	1597	1600	rVV	539590	454739	3.80%	0.824%
25	11.639	1620	1624	1628	rBV2	107052	140371	1.17%	0.254%
26	11.739	1637	1641	1645	rVB	114878	131593	1.10%	0.238%
27	11.910	1666	1670	1671	rBV	366163	407534	3.41%	0.738%
28	11.951	1671	1677	1681	rVV2	3075097	5162540	43.14%	9.351%
29	12.021	1686	1689	1691	rVV2	767314	882434	7.37%	1.598%
30	12.045	1691	1693	1698	rVV	357356	360667	3.01%	0.653%
31	12.086	1698	1700	1703	rVV	159867	159909	1.34%	0.290%
32	12.204	1717	1720	1722	rVV	246839	245663	2.05%	0.445%
33	12.233	1723	1725	1730	rVB2	162515	175999	1.47%	0.319%
34	12.457	1760	1763	1765	rBV	288277	268989	2.25%	0.487%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103231.D
Acq On : 26 Feb 2018 21:31
Operator : SJ/JU
Sample : J1691-45 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B12

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.551	1776	1779	1782	rBV3	161804	212279	1.77%	0.384%
36	12.627	1788	1792	1794	rBV	2752416	3199907	26.74%	5.796%
37	12.686	1794	1802	1806	rVV2	4661340	11965657	100.00%	21.673%
38	12.745	1808	1812	1820	rVB2	2603595	3629391	30.33%	6.574%
39	12.863	1825	1832	1836	rVB	2202680	2917459	24.38%	5.284%
40	12.992	1851	1854	1857	rVB	954742	821876	6.87%	1.489%
41	13.186	1884	1887	1889	rVB	487186	437684	3.66%	0.793%
42	13.251	1895	1898	1900	rVB2	391750	309625	2.59%	0.561%
43	13.380	1918	1920	1923	rBV	186311	160230	1.34%	0.290%
44	13.833	1995	1997	1999	rBV	195219	129895	1.09%	0.235%
45	14.057	2031	2035	2038	rBV2	1133916	1721601	14.39%	3.118%
46	14.086	2038	2040	2047	rVB	1059570	1060556	8.86%	1.921%
47	15.127	2213	2217	2220	rBV	679621	1031861	8.62%	1.869%
48	15.439	2267	2270	2275	rVB	421082	518067	4.33%	0.938%
49	15.504	2278	2281	2285	rVB	631268	779294	6.51%	1.412%

Sum of corrected areas: 55210294

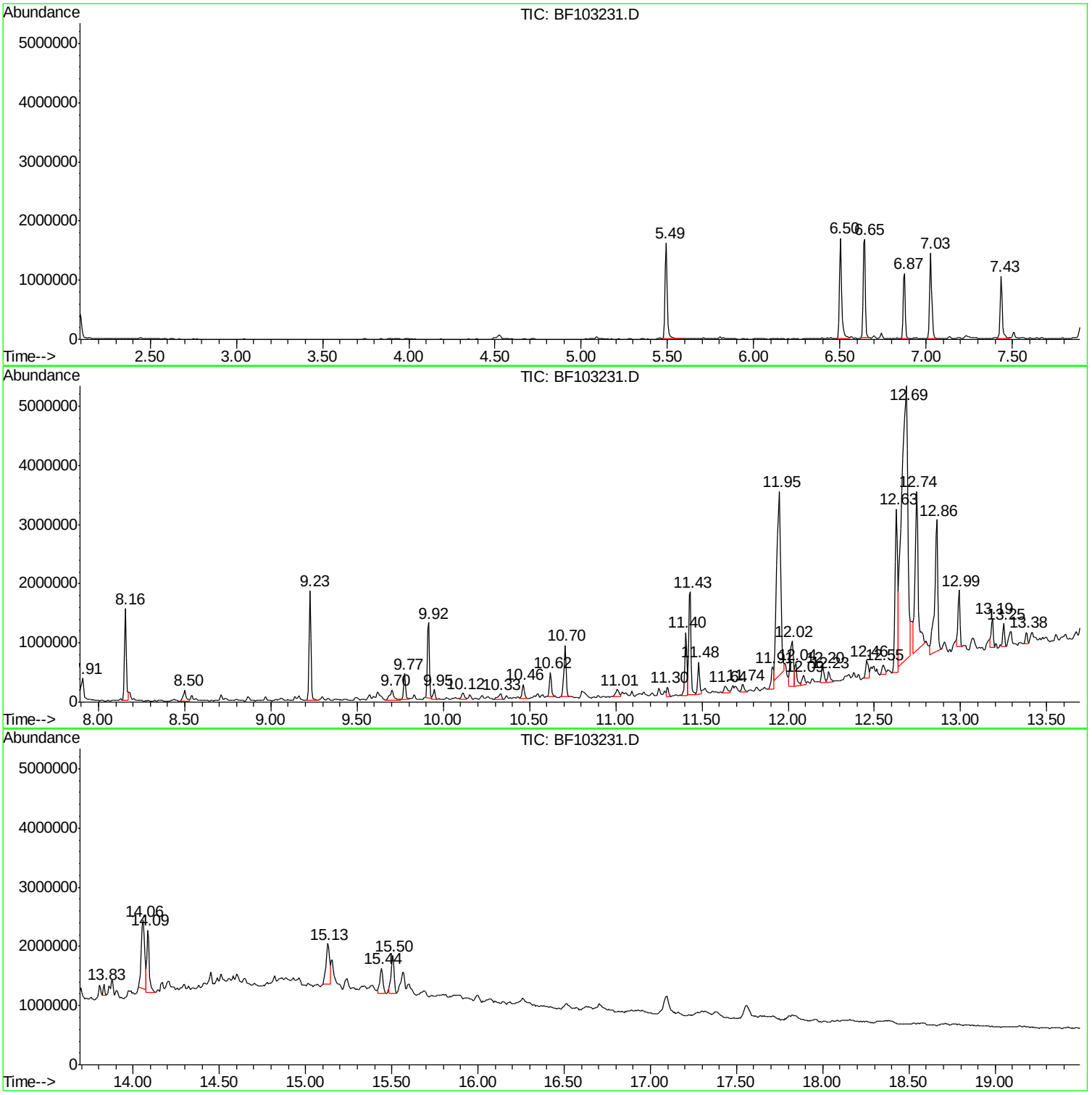
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103231.D
Acq On : 26 Feb 2018 21:31
Operator : SJ/JU
Sample : J1691-45 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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Data File : BF103231.D
Acq On : 26 Feb 2018 21:31
Operator : SJ/JU
Sample : J1691-45 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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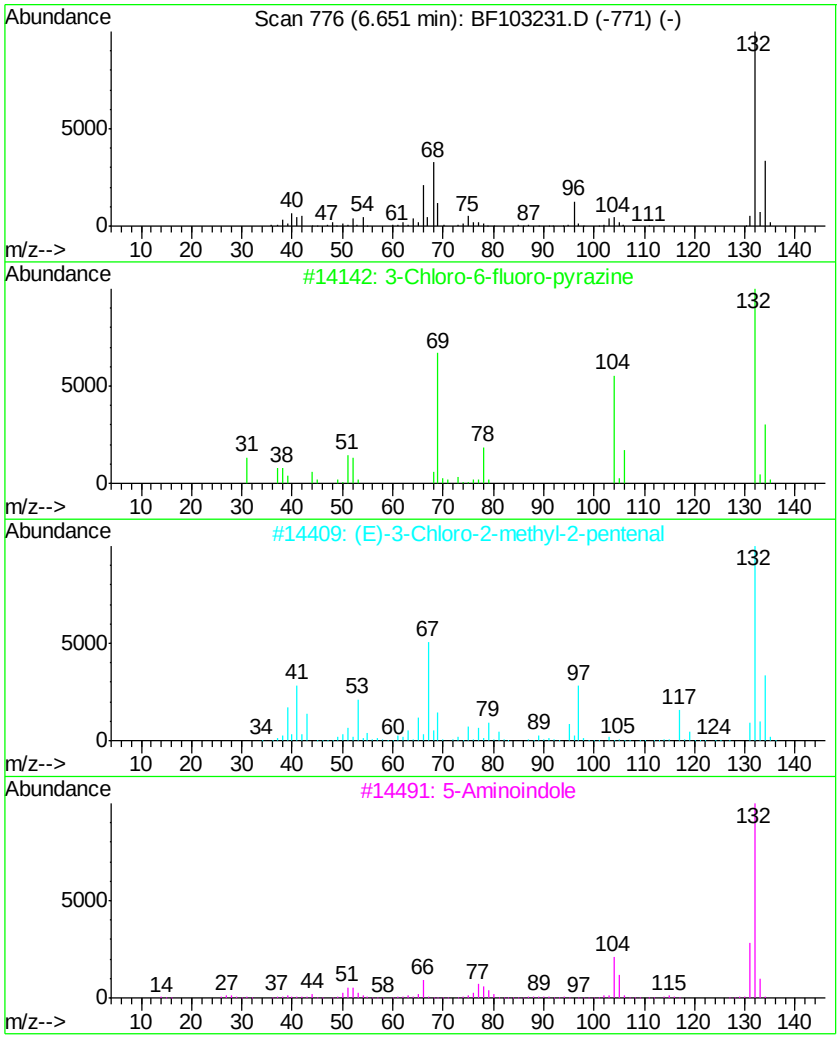
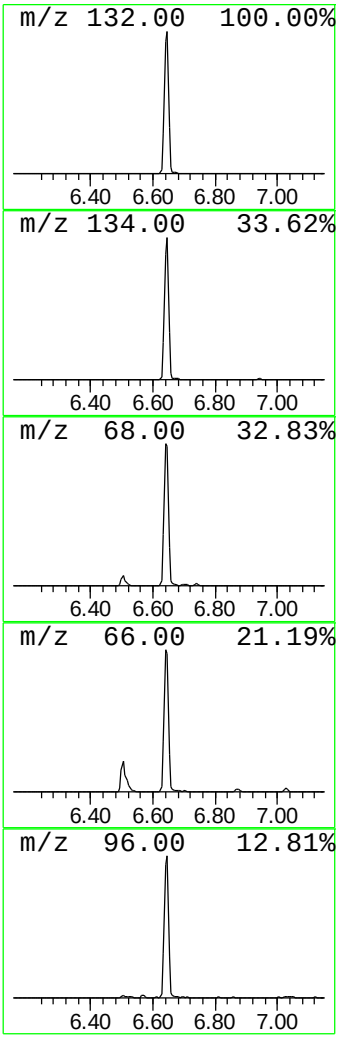
Peak Number 1 unknown6.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	31.56 ng	1566840	1,4-Dichlorobenzene-d4	6.87

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-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103231.D
Acq On : 26 Feb 2018 21:31
Operator : SJ/JU
Sample : J1691-45 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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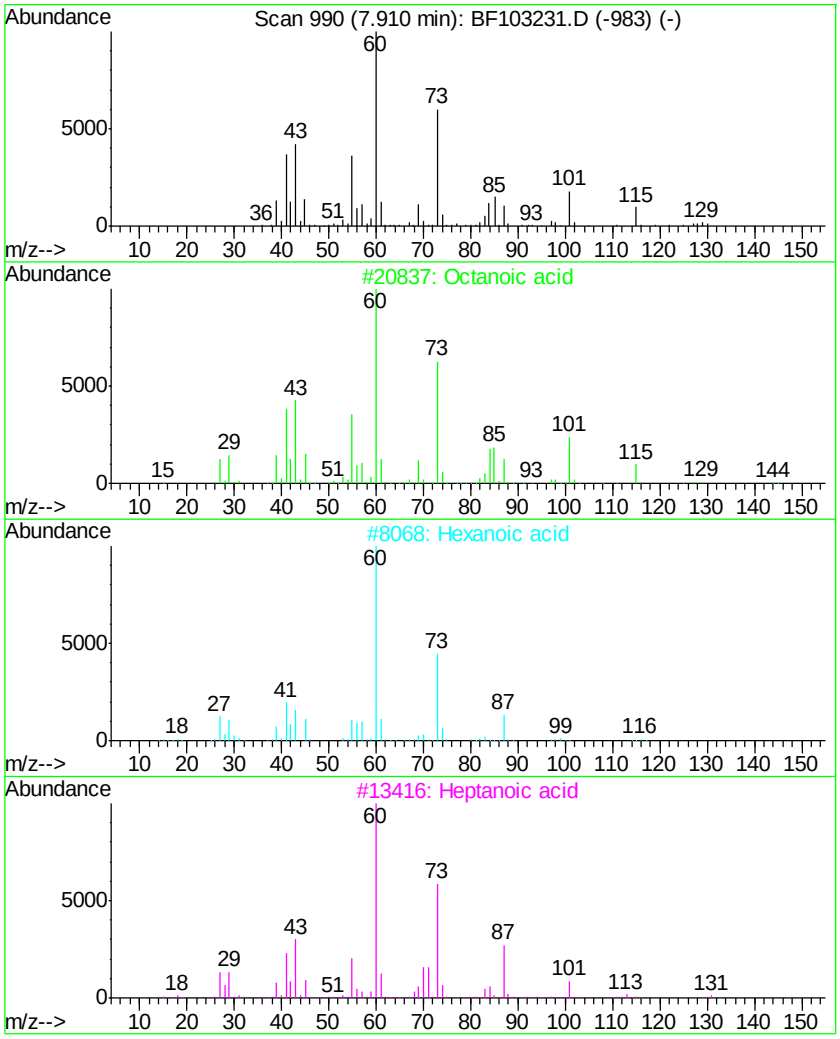
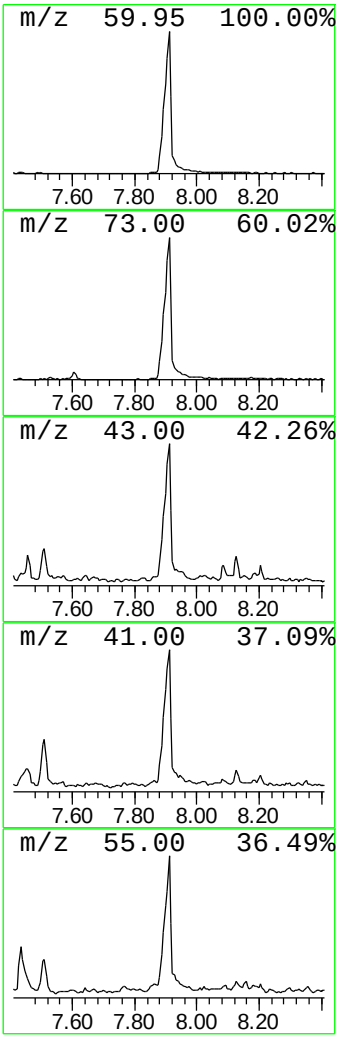
Peak Number 3 Octanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	8.43 ng	536037	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	90
2	Hexanoic acid	116	C6H12O2	000142-62-1	60
3	Heptanoic acid	130	C7H14O2	000111-14-8	59
4	Pentanoic acid	102	C5H10O2	000109-52-4	53
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103231.D
Acq On : 26 Feb 2018 21:31
Operator : SJ/JU
Sample : J1691-45 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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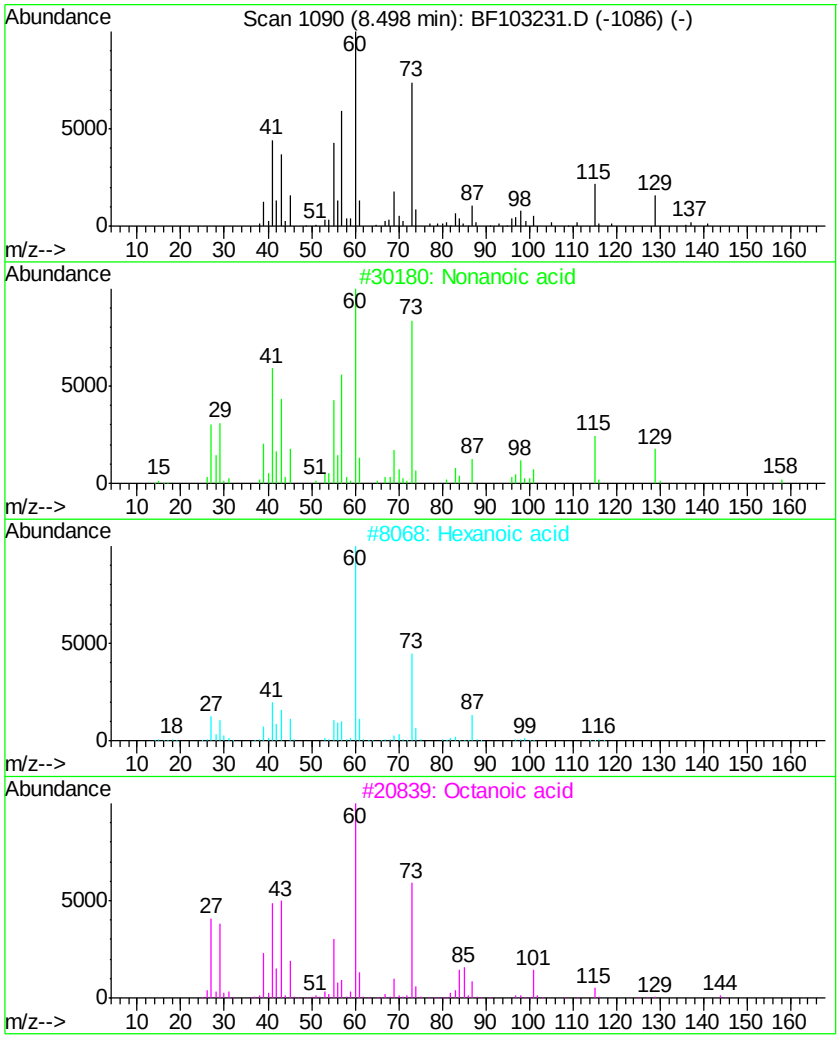
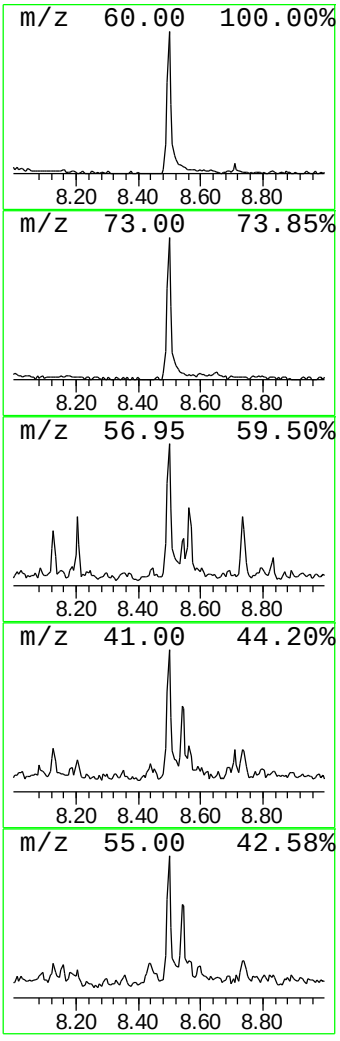
Peak Number 4 Nonanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	3.07 ng	195009	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	90
2	Hexanoic acid	116	C6H12O2	000142-62-1	58
3	Octanoic acid	144	C8H16O2	000124-07-2	53
4	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	53
5	Heptanoic acid	130	C7H14O2	000111-14-8	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103231.D
Acq On : 26 Feb 2018 21:31
Operator : SJ/JU
Sample : J1691-45 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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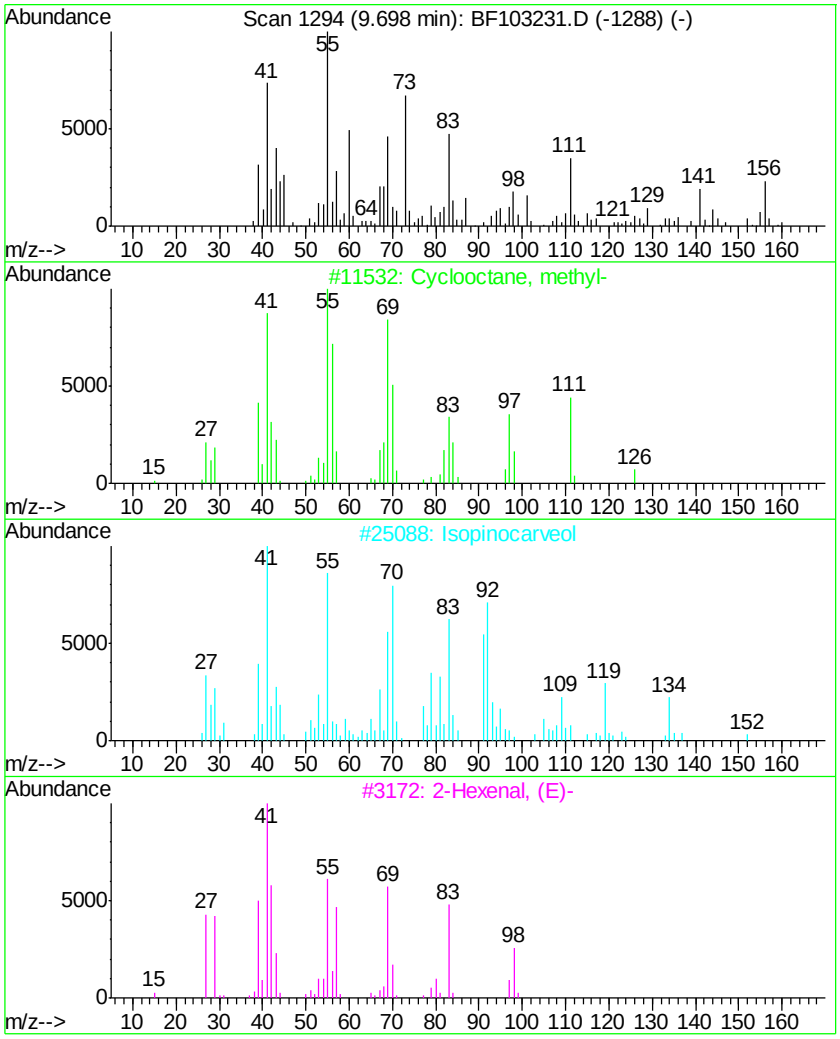
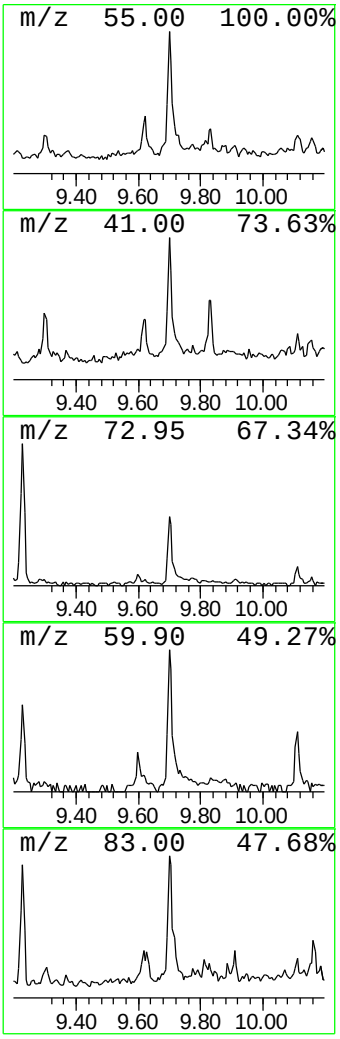
Peak Number 5 unknown9.70 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	4.31 ng	248383	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	11
2	Isopinocarveol	152	C10H16O	006712-79-4	11
3	2-Hexenal, (E)-	98	C6H10O	006728-26-3	11
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	11
5	N-Ethylidenecyclohexaneamine, N-...	141	C8H15NO	003376-30-5	11





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Data File : BF103231.D
Acq On : 26 Feb 2018 21:31
Operator : SJ/JU
Sample : J1691-45 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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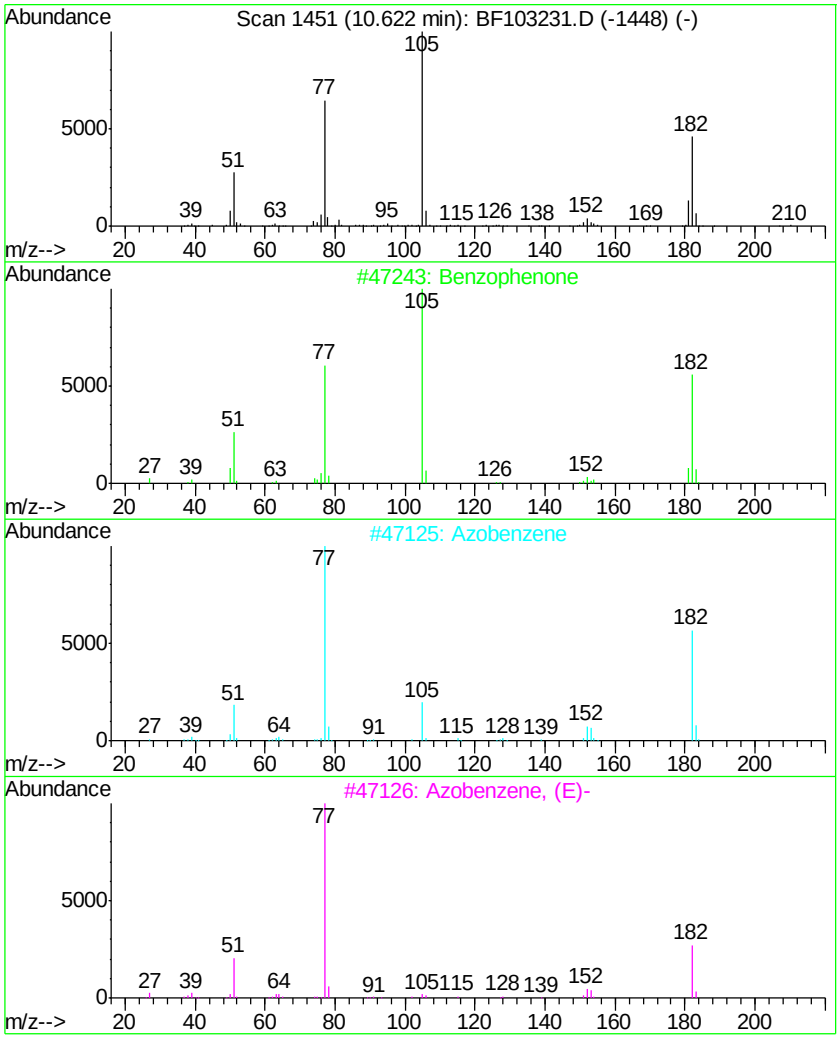
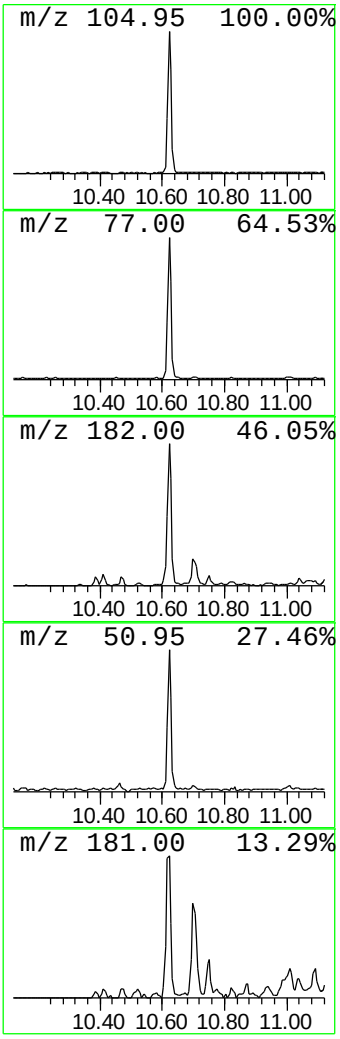
Peak Number 6 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	5.80 ng	334063	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	58
3	Azobenzene, (E)-	182	C12H10N2	017082-12-1	50
4	1,2,4-Triazine-3,5(2H,4H)-dione,...	249	C10H7N3O3S	024168-34-1	47
5	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
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Acq On : 26 Feb 2018 21:31
Operator : SJ/JU
Sample : J1691-45 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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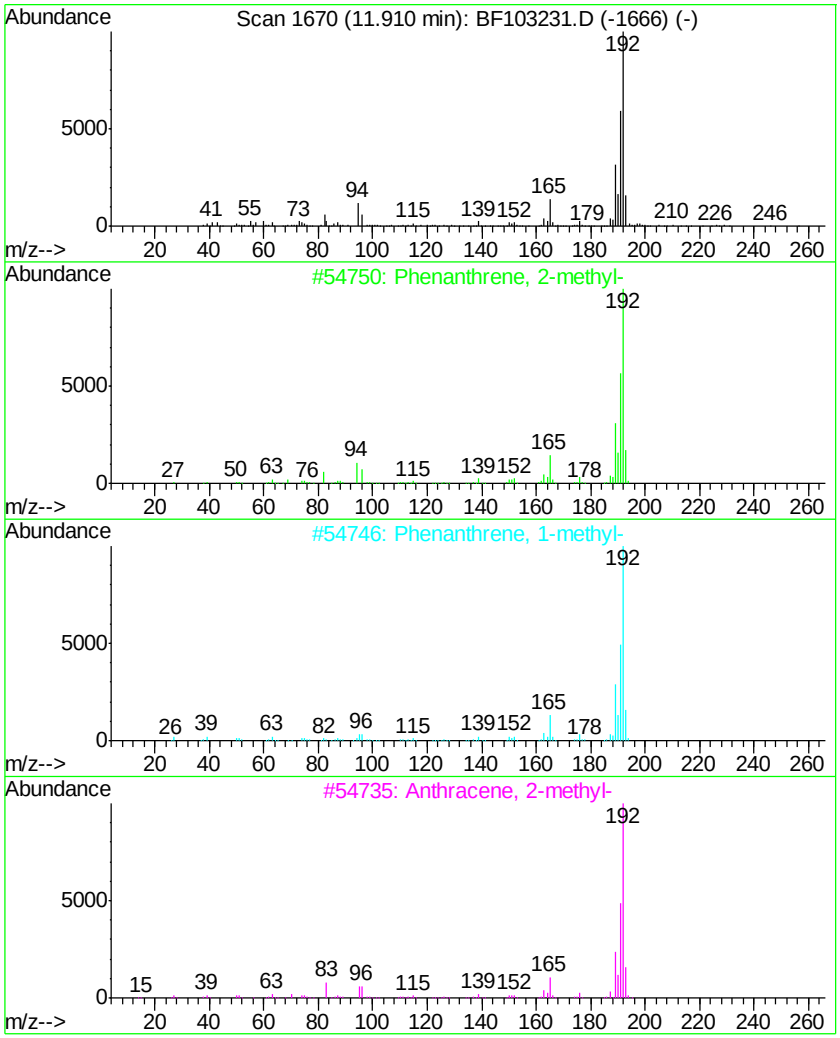
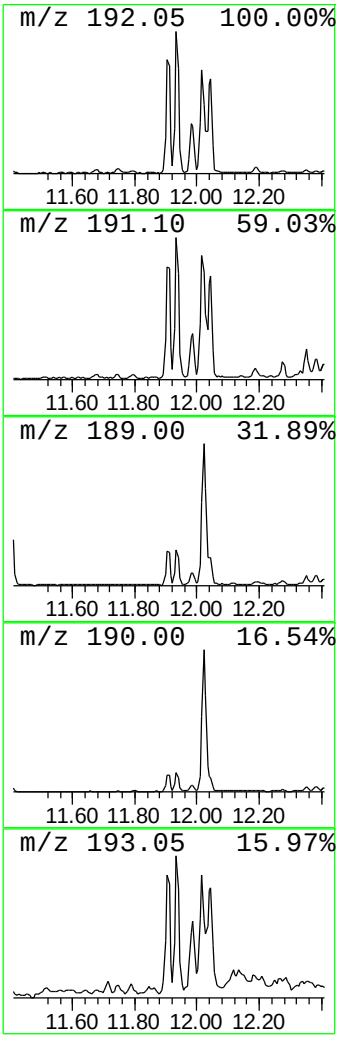
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	8.25 ng	407534	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103231.D
Acq On : 26 Feb 2018 21:31
Operator : SJ/JU
Sample : J1691-45 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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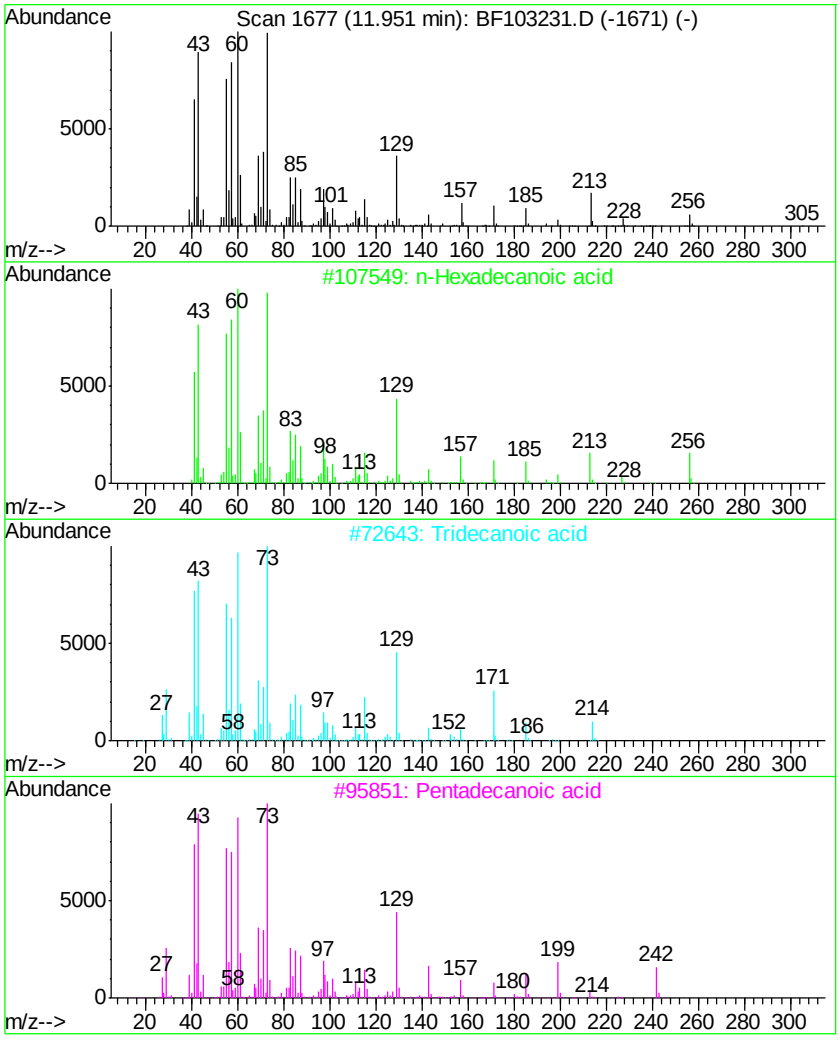
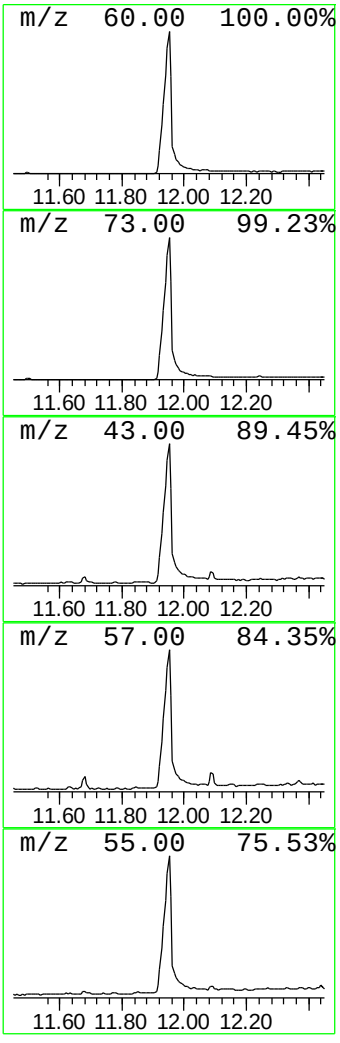
Peak Number 8 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	104.57 ng	5162540	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103231.D
Acq On : 26 Feb 2018 21:31
Operator : SJ/JU
Sample : J1691-45 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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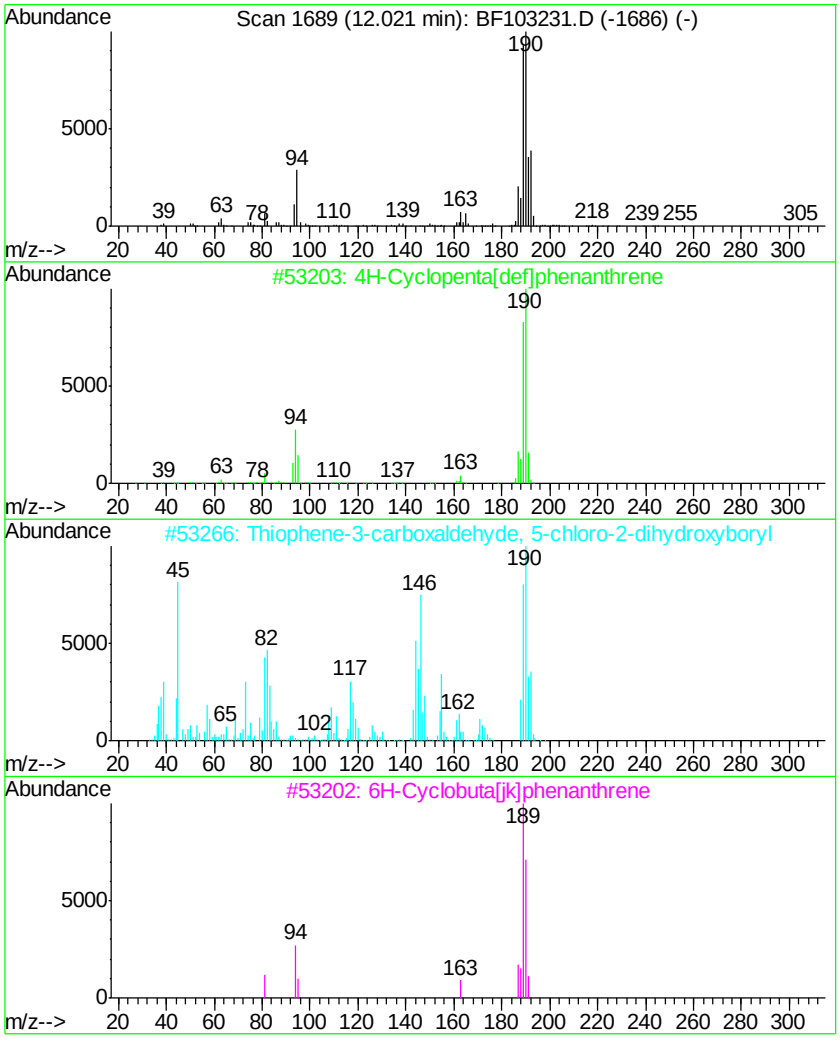
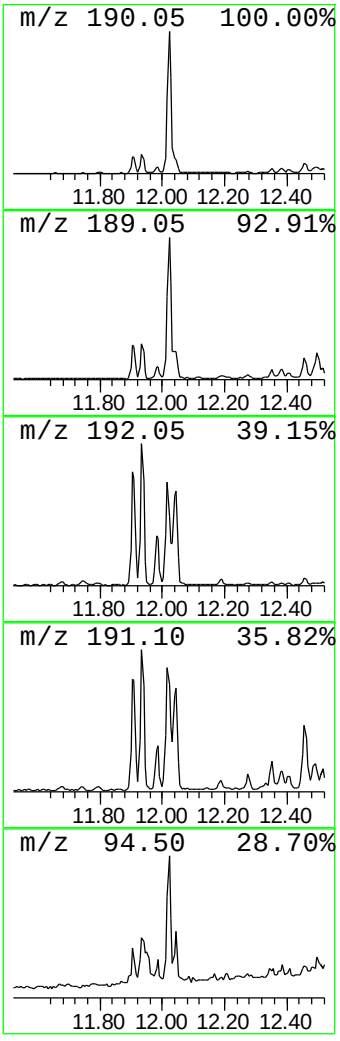
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	17.87 ng	882434	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Data File : BF103231.D
Acq On : 26 Feb 2018 21:31
Operator : SJ/JU
Sample : J1691-45 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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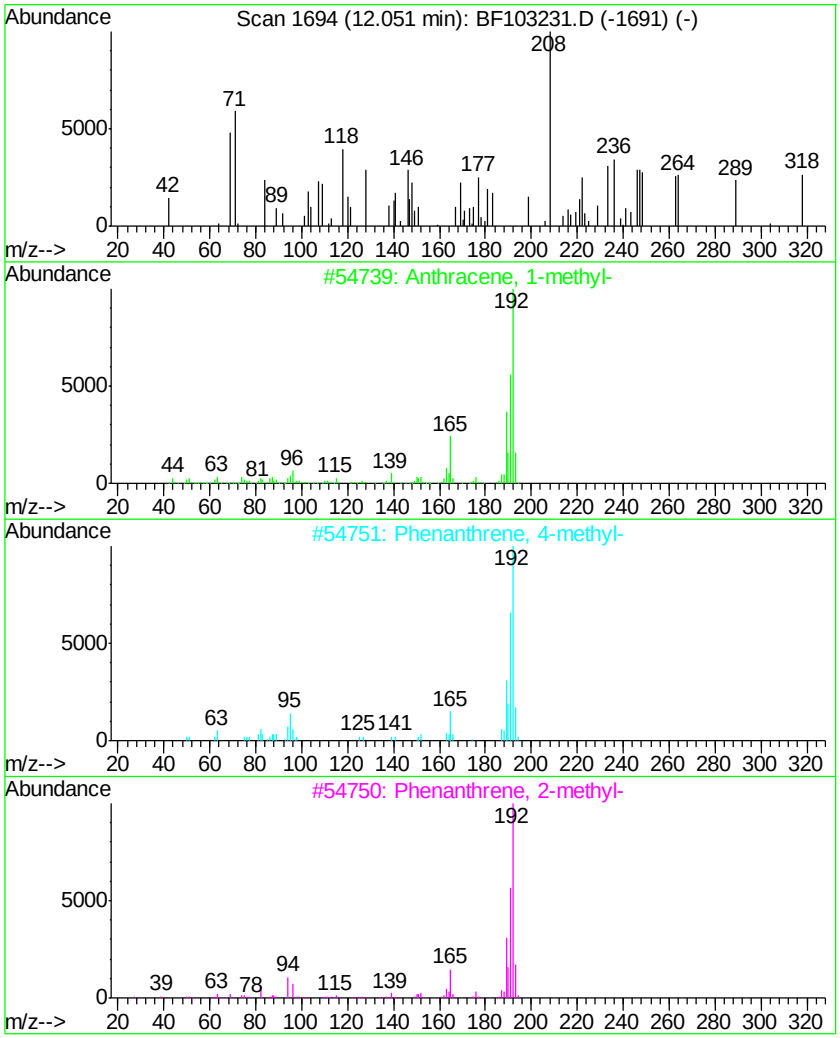
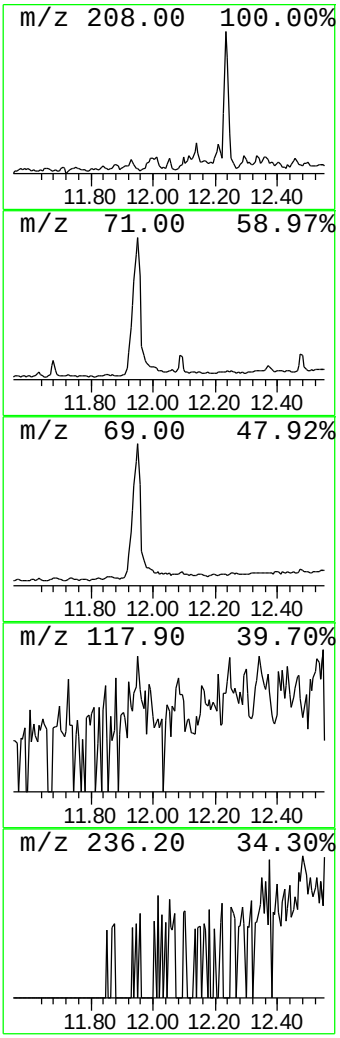
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	7.31 ng	360667	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





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Sample : J1691-45 2X
Misc :
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Instrument : BNA_F
ClientSampleId : B12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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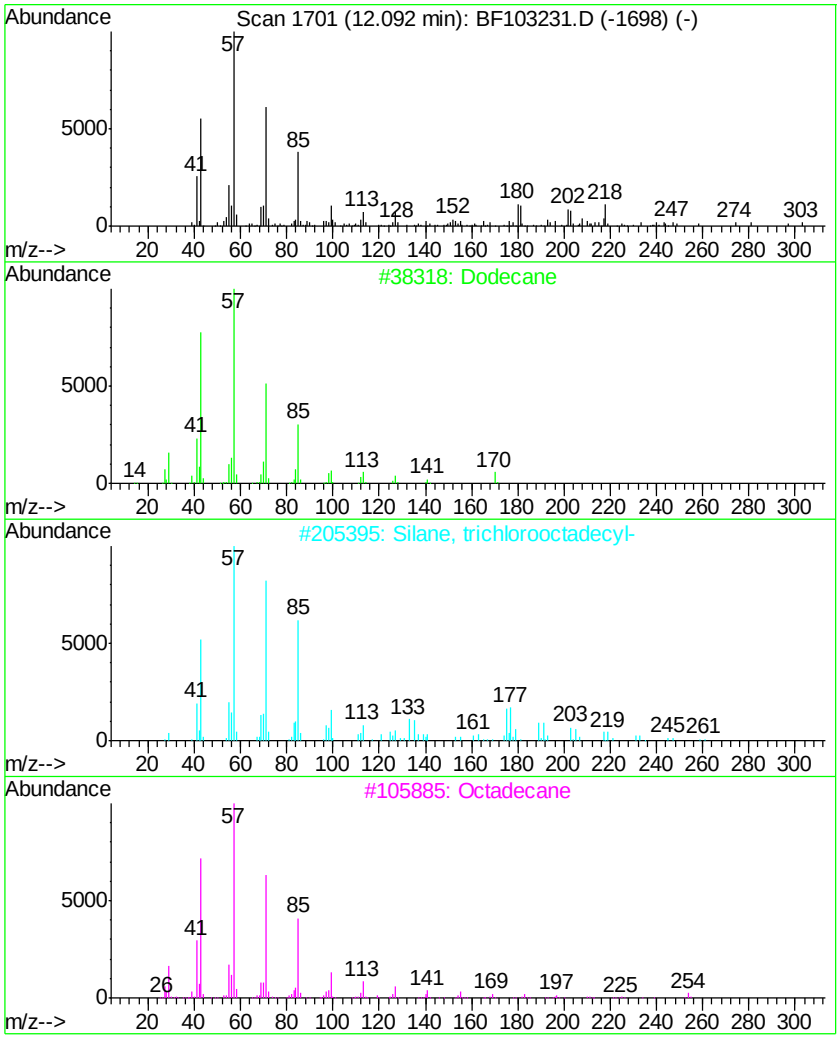
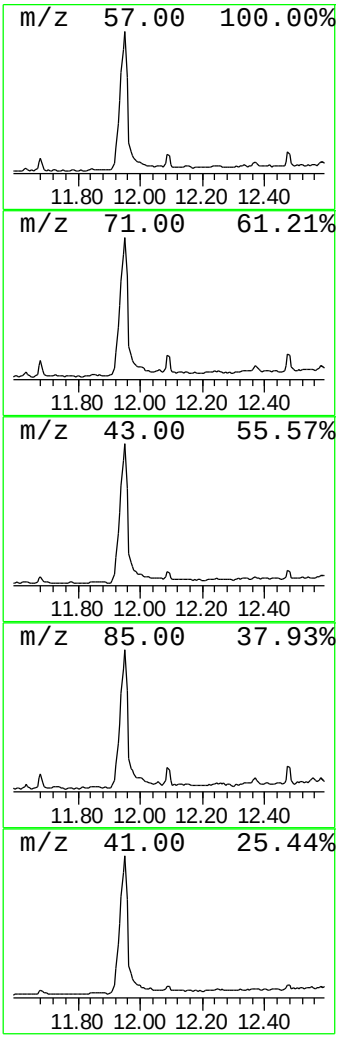
Peak Number 11 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	3.24 ng	159909	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	53
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	47
3	Octadecane	254	C18H38	000593-45-3	47
4	Nonane, 1-iodo-	254	C9H19I	004282-42-2	45
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	38





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Sample : J1691-45 2X
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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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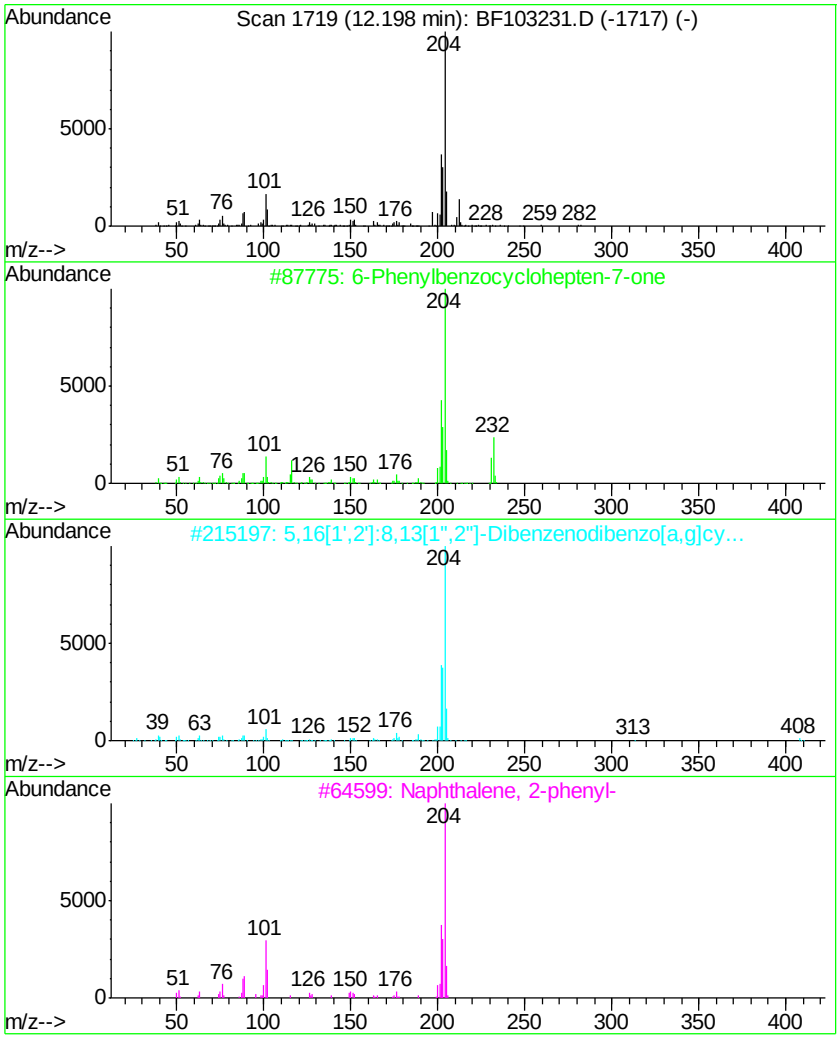
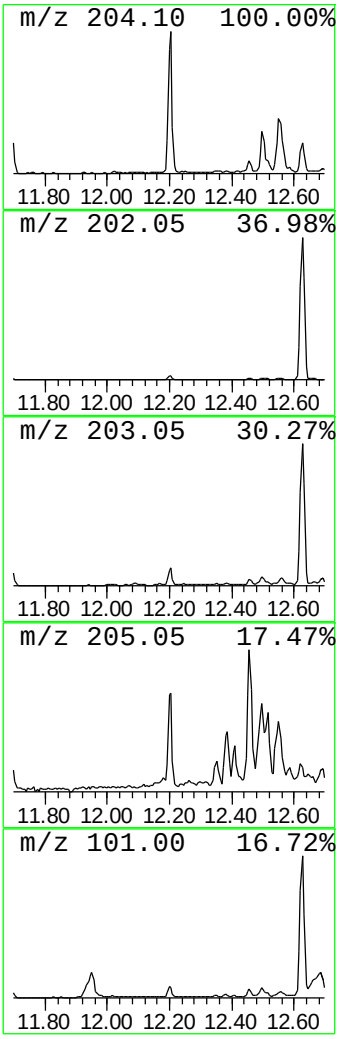
Peak Number 12 6-Phenylbenzocyclohepten-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	4.98 ng	245663	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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Misc :
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Instrument : BNA_F
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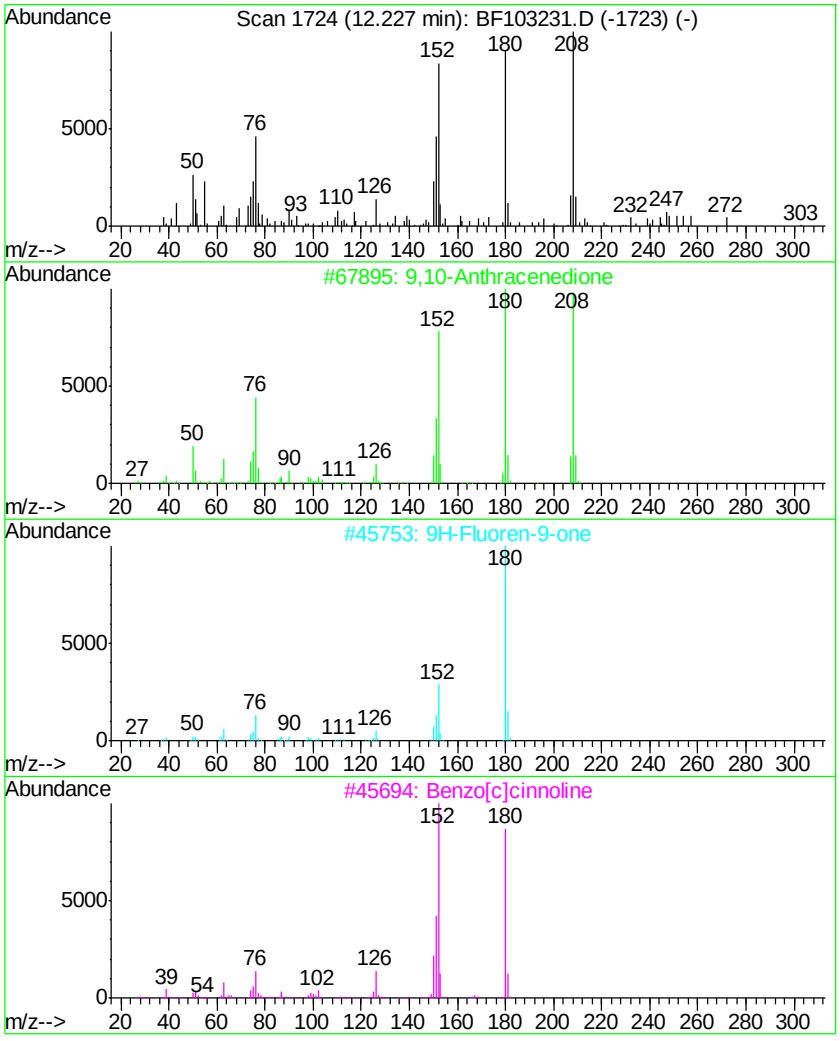
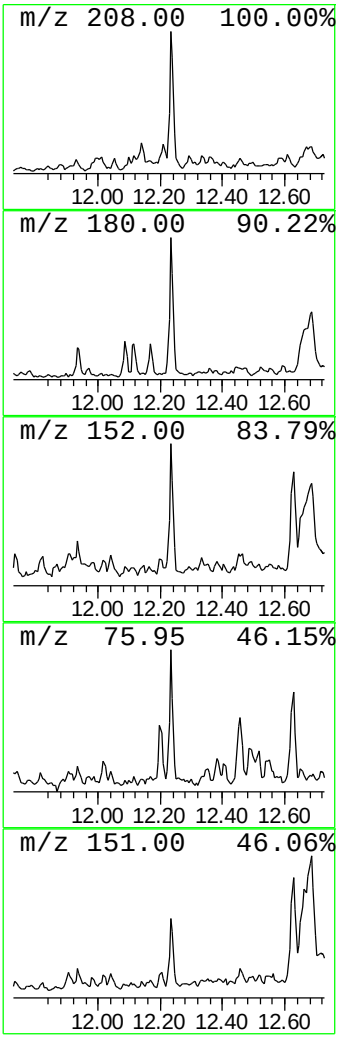
Peak Number 13 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	3.56 ng	175999	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53
5	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	53





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B12

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

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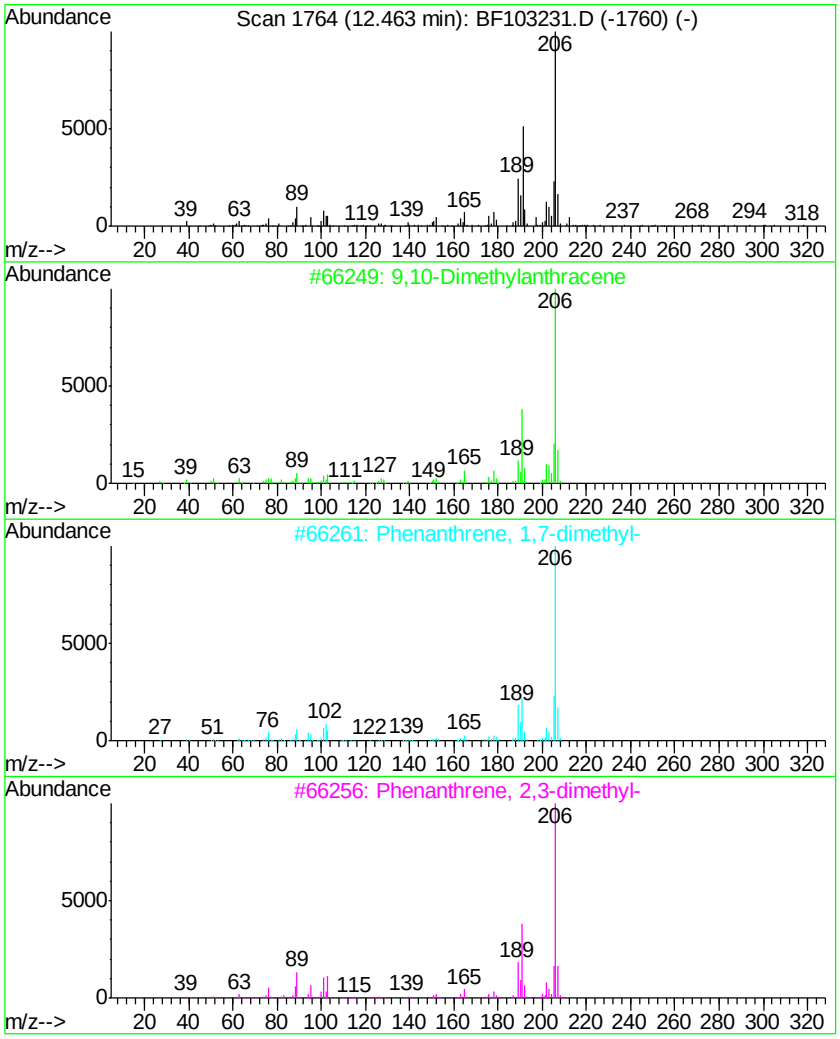
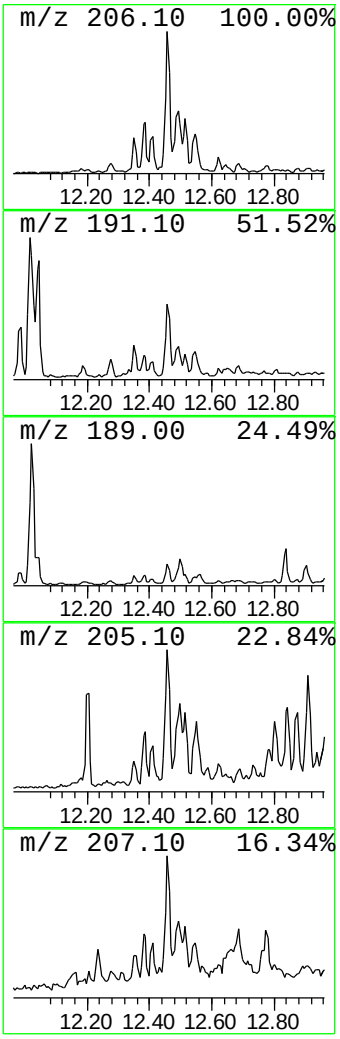
Peak Number 14 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	5.45 ng	268989	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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Operator : SJ/JU
Sample : J1691-45 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B12

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

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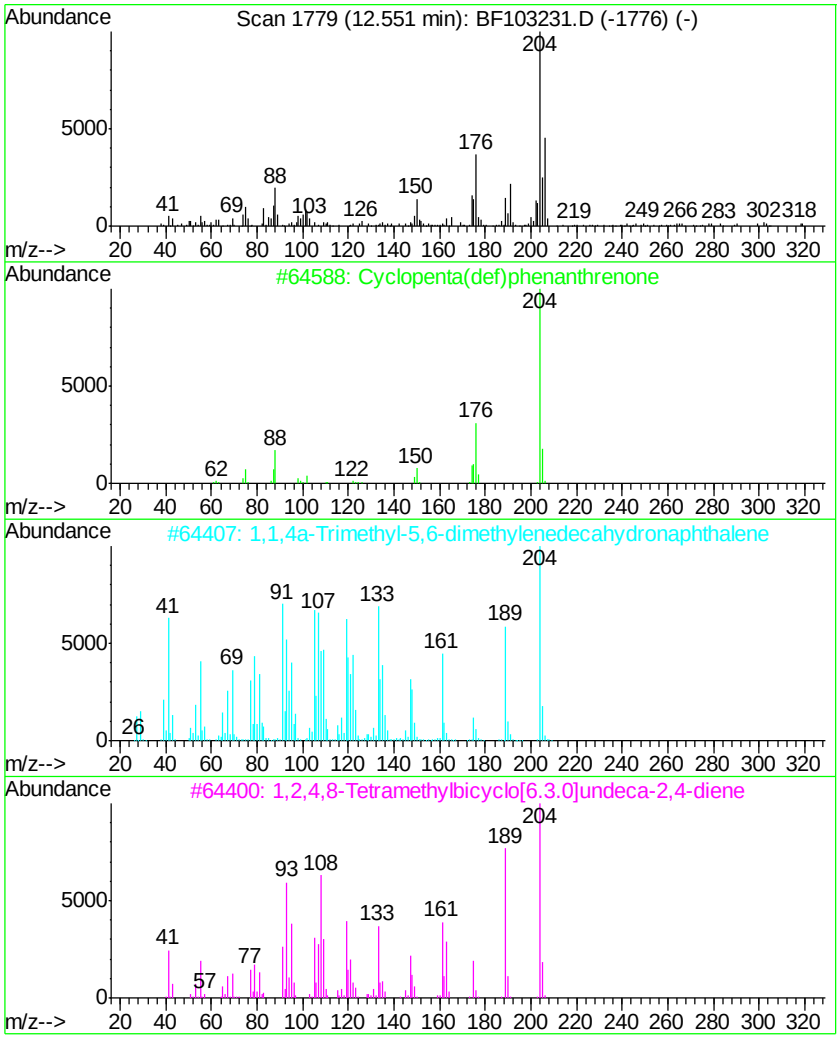
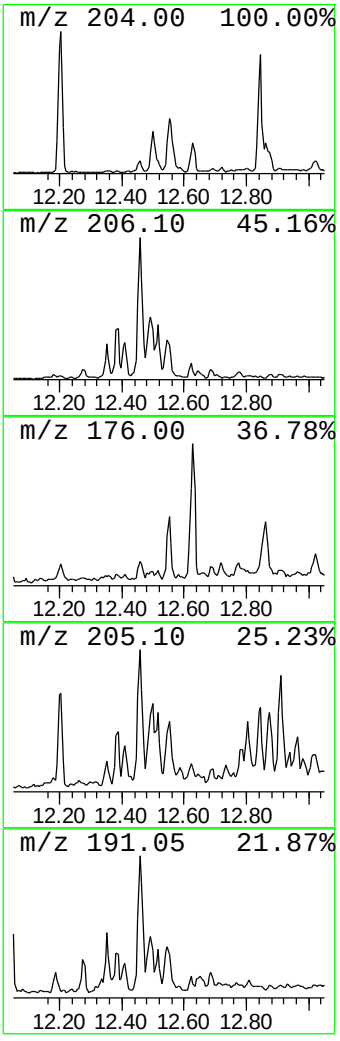
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	4.30 ng	212279	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	64
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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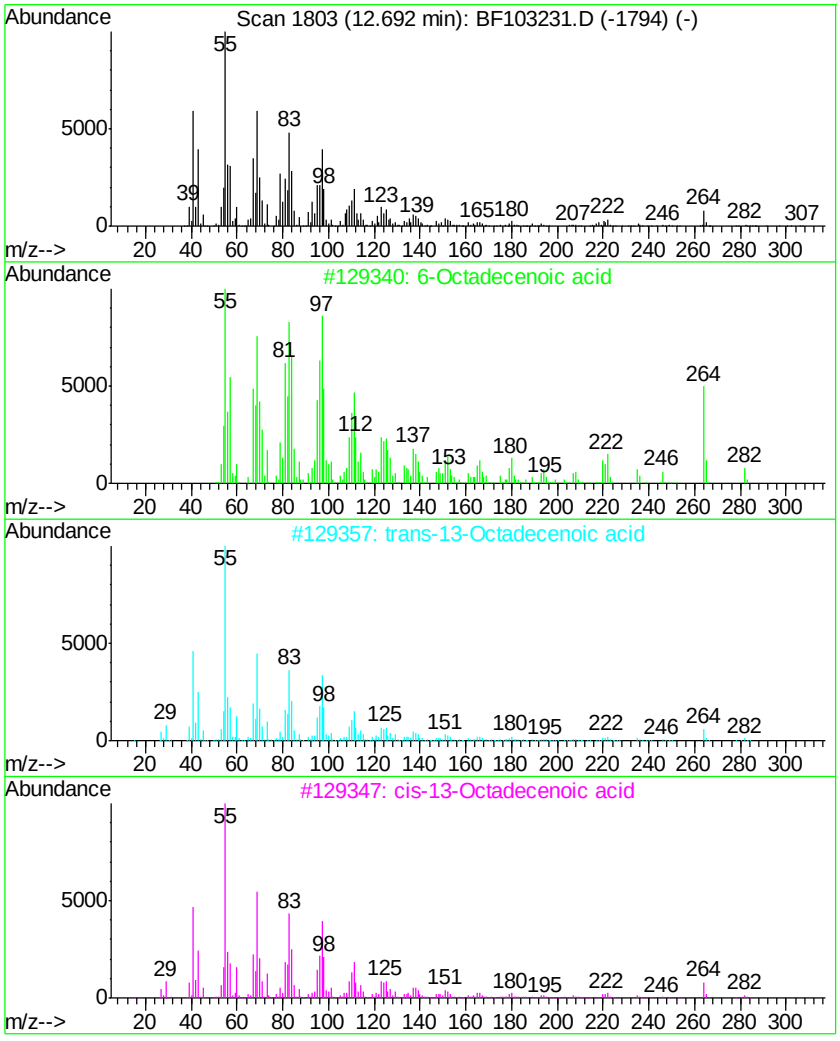
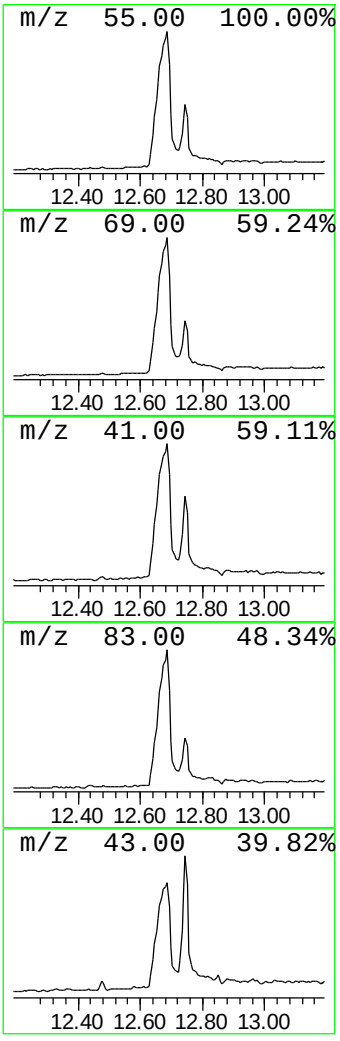
Peak Number 16 6-Octadecenoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	242.37 ng	11965700	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	97
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	97
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	93
4	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	91
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91





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Instrument : BNA_F
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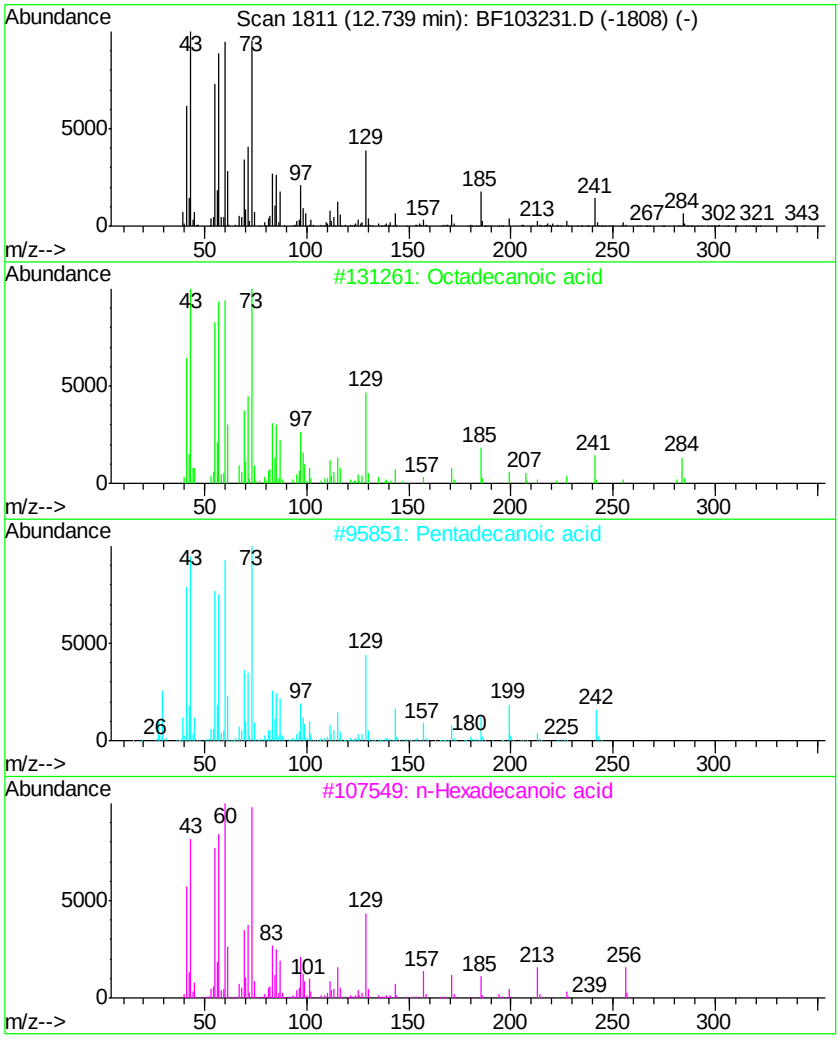
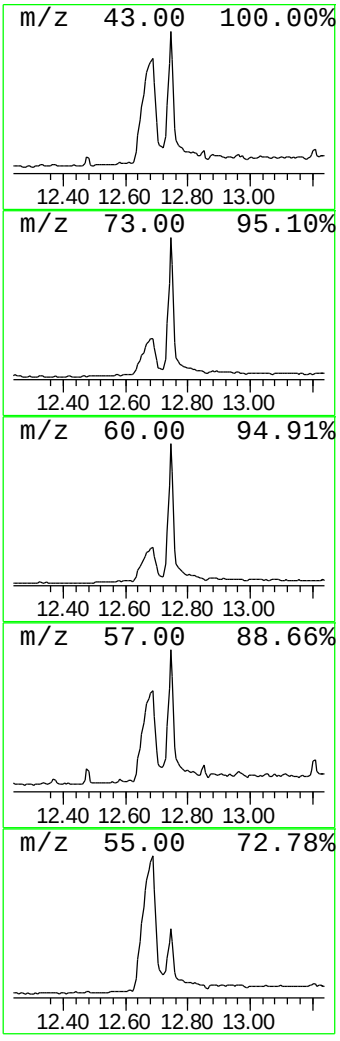
Peak Number 17 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	42.16 ng	3629390	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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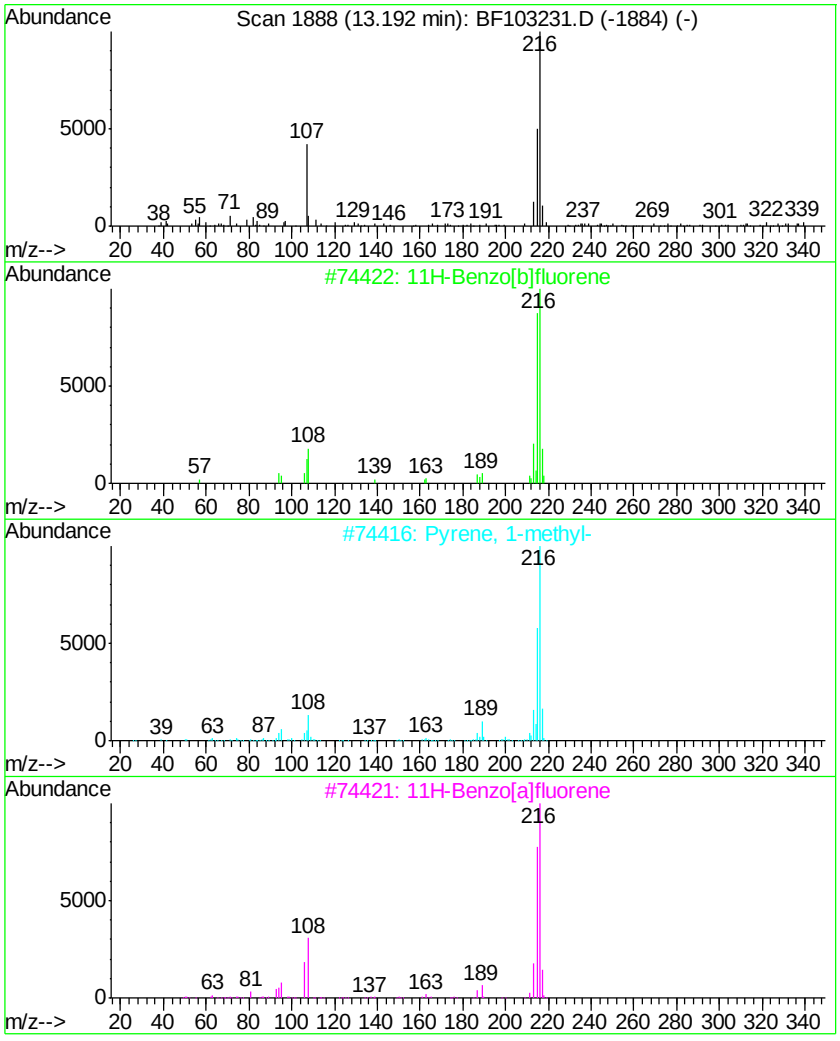
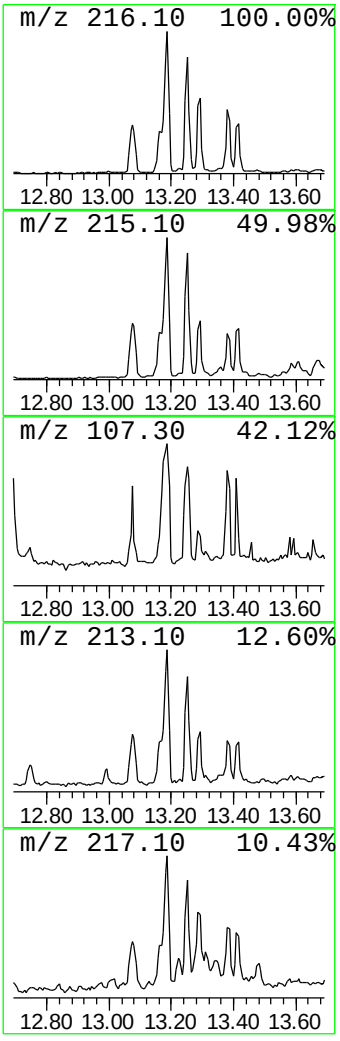
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	5.08 ng	437684	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Misc :
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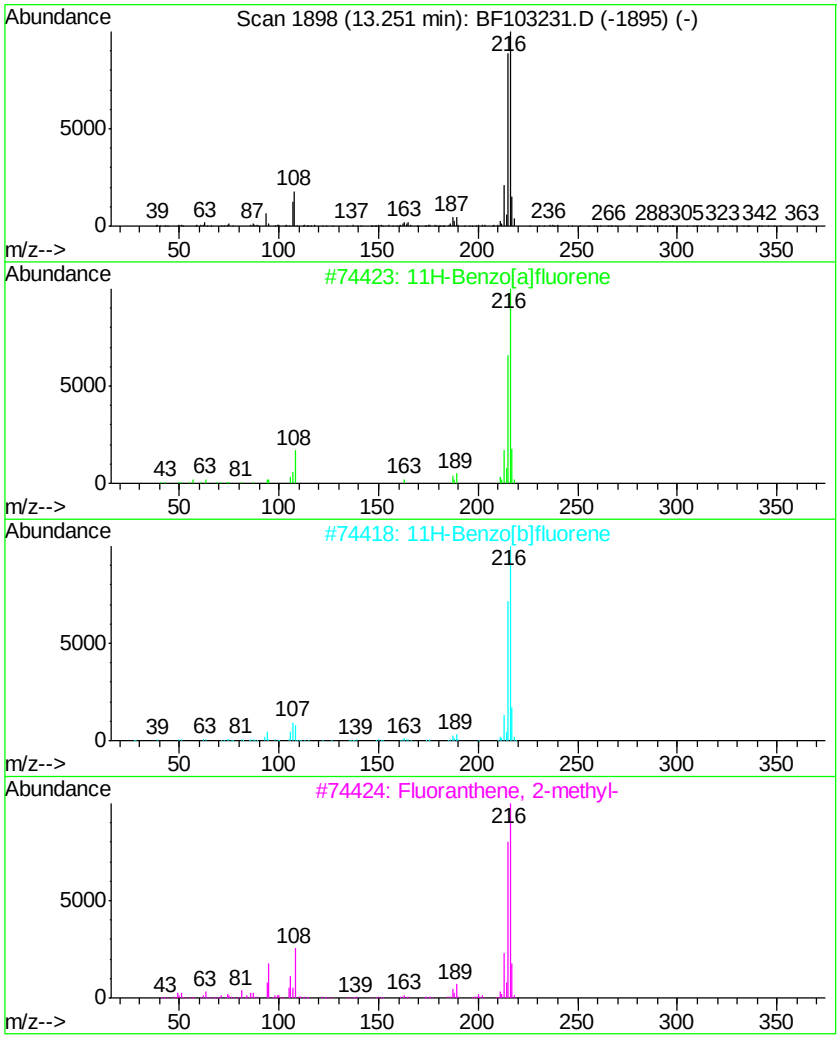
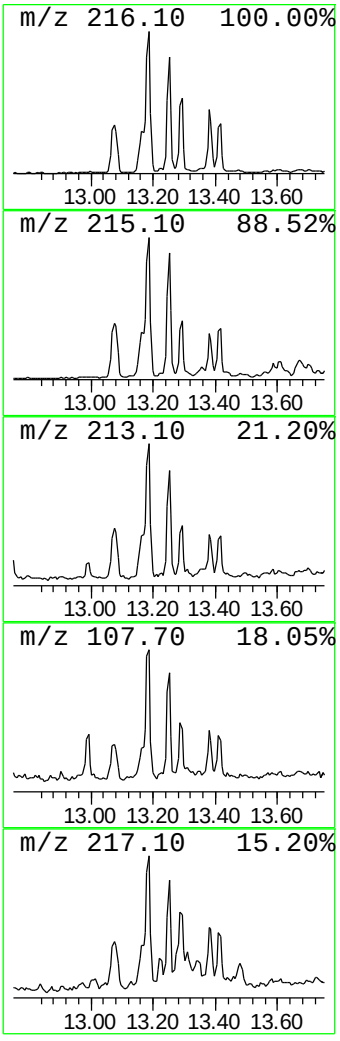
Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.60 ng	309625	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
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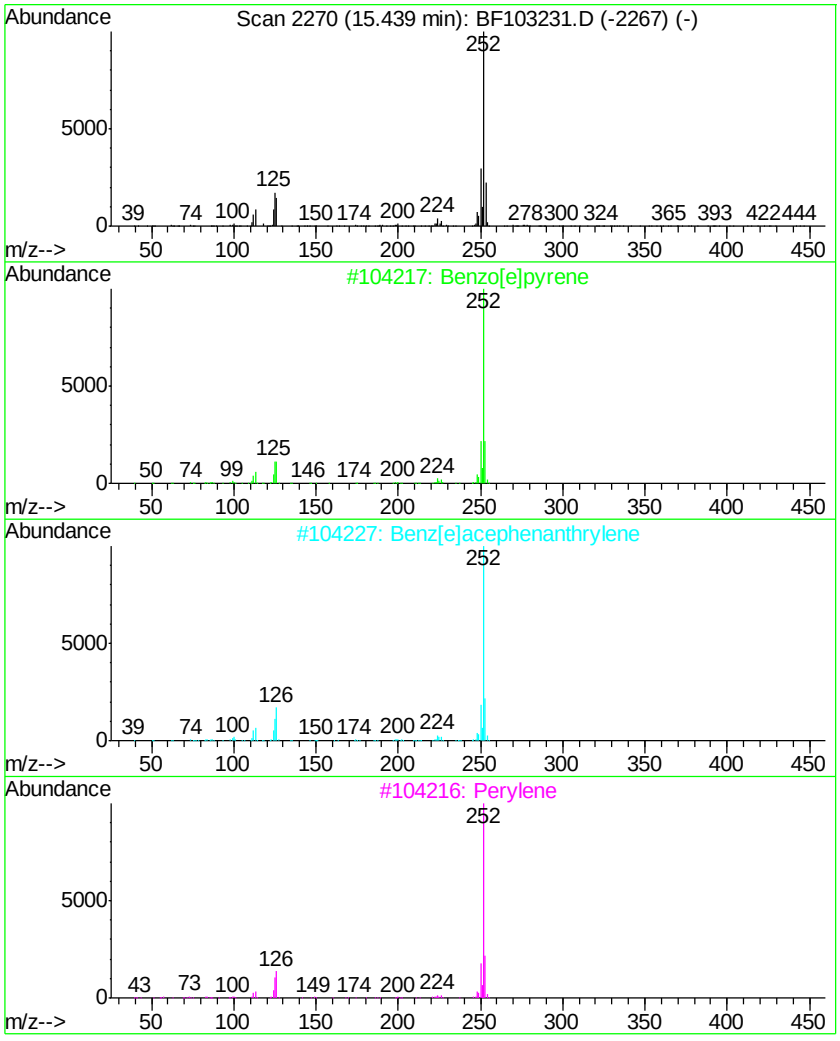
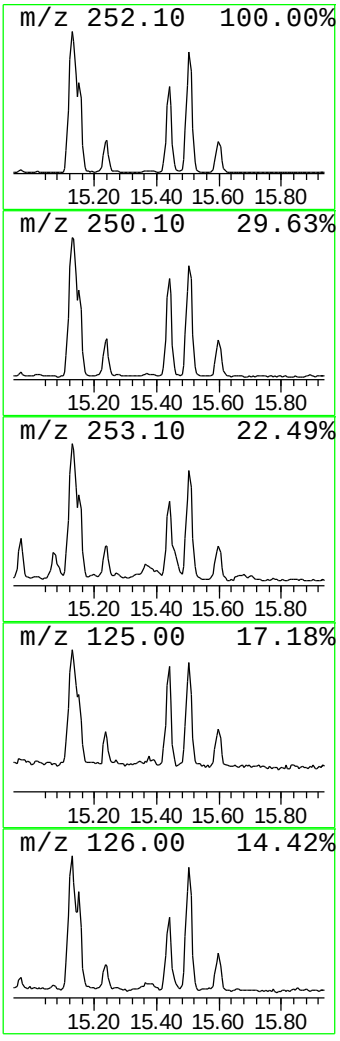
Peak Number 20 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	13.30 ng	518067	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

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Operator : SJ/JU
Sample : J1691-45 2X
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.65	6.65	31.6	ng	1566840	1	6.87	992985	20.0
Octanoic acid	7.91	8.4	ng	536037	2	8.16	1272360	20.0
Nonanoic acid	8.50	3.1	ng	195009	2	8.16	1272360	20.0
unknown9.70	9.70	4.3	ng	248383	3	9.92	1151780	20.0
Benzophenone	10.62	5.8	ng	334063	3	9.92	1151780	20.0
Phenanthrene, 2-m...	11.91	8.3	ng	407534	4	11.40	987393	20.0
n-Hexadecanoic acid	11.95	104.6	ng	5162540	4	11.40	987393	20.0
4H-Cyclopenta[def...	12.02	17.9	ng	882434	4	11.40	987393	20.0
Anthracene, 1-met...	12.05	7.3	ng	360667	4	11.40	987393	20.0
Dodecane	12.09	3.2	ng	159909	4	11.40	987393	20.0
6-Phenylbenzocycl...	12.20	5.0	ng	245663	4	11.40	987393	20.0
9,10-Anthracenedione	12.23	3.6	ng	175999	4	11.40	987393	20.0
9,10-Dimethylanth...	12.46	5.5	ng	268989	4	11.40	987393	20.0
Cyclopenta(def)ph...	12.55	4.3	ng	212279	4	11.40	987393	20.0
6-Octadecenoic acid	12.69	242.4	ng	11965700	4	11.40	987393	20.0
Octadecanoic acid	12.74	42.2	ng	3629390	5	14.06	1721600	20.0
11H-Benzo[b]fluorene	13.19	5.1	ng	437684	5	14.06	1721600	20.0
11H-Benzo[a]fluorene	13.25	3.6	ng	309625	5	14.06	1721600	20.0
Benzo[e]pyrene	15.44	13.3	ng	518067	6	15.57	779294	20.0