LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107889.D
Acq On : 1 Aug 2018 15:20
Operator : JU/SJ
Sample : J4164-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-072518

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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	5.196	482	486	497	rBV	386954	509206	16.30%	1.278%
2	5.601	551	555	575	rBV	1670453	2529763	80.97%	6.350%
3	6.601	721	725	744	rBV	1633281	2703529	86.53%	6.786%
4	6.737	744	748	773	rVB	2427868	3056873	97.84%	7.673%
5	6.966	783	787	809	rVB	433550	785600	25.14%	1.972%
6	7.113	809	812	838	rBV	1877520	2344034	75.03%	5.883%
7	7.525	879	882	905	rBV	899076	1820053	58.25%	4.568%
8	8.242	1001	1004	1026	rBV	699145	1108395	35.48%	2.782%
9	8.960	1122	1126	1139	rBV5	16627	41568	1.33%	0.104%
10	9.313	1182	1186	1208	rBV	2410691	3124303	100.00%	7.842%
11	9.707	1247	1253	1263	rVB	111622	149751	4.79%	0.376%
12	9.866	1276	1280	1284	rBV	117852	138437	4.43%	0.347%
13	10.001	1299	1303	1318	rBV	936552	1051162	33.64%	2.638%
14	10.566	1393	1399	1403	rVV4	20927	37286	1.19%	0.094%
15	10.795	1434	1438	1451	rBV	1293770	1866503	59.74%	4.685%
16	10.883	1451	1453	1464	rVB3	66097	133939	4.29%	0.336%
17	11.401	1538	1541	1550	rVB	28205	49097	1.57%	0.123%
18	11.495	1554	1557	1560	rBV	757502	901802	28.86%	2.263%
19	11.519	1560	1561	1569	rVV	480590	618425	19.79%	1.552%
20	11.577	1569	1571	1583	rVB	103064	218151	6.98%	0.548%
21	11.760	1599	1602	1604	rVB2	40942	34677	1.11%	0.087%
22	11.830	1611	1614	1617	rVV2	45435	47746	1.53%	0.120%
23	12.001	1640	1643	1646	rBV	167020	211868	6.78%	0.532%
24	12.030	1646	1648	1654	rVV2	154440	211878	6.78%	0.532%
25	12.077	1654	1656	1659	rVV	57791	72077	2.31%	0.181%
26	12.113	1659	1662	1664	rVV2	201443	248532	7.95%	0.624%
27	12.136	1664	1666	1669	rVV	117921	135245	4.33%	0.339%
28	12.166	1669	1671	1675	rVB3	41734	41571	1.33%	0.104%
29	12.295	1689	1693	1697	rBV	66539	101969	3.26%	0.256%
30	12.477	1721	1724	1726	rBV	34806	31669	1.01%	0.079%
31	12.501	1726	1728	1732	rVB2	33053	32008	1.02%	0.080%
32	12.548	1732	1736	1738	rBV2	207781	228742	7.32%	0.574%
33	12.572	1738	1740	1748	rVB3	138273	225439	7.22%	0.566%
34	12.642	1748	1752	1759	rVB4	75426	170051	5.44%	0.427%

LSC Area Percent Report

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Data File : BF107889.D
Acq On : 1 Aug 2018 15:20
Operator : JU/SJ
Sample : J4164-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-072518

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.719	1761	1765	1773	rBV	993660	1233745	39.49%	3.097%
36	12.813	1778	1781	1787	rVV	86862	98155	3.14%	0.246%
37	12.871	1788	1791	1793	rVV2	47825	60880	1.95%	0.153%
38	12.948	1797	1804	1810	rBV	1108871	1358668	43.49%	3.410%
39	12.995	1810	1812	1816	rVB	91528	100505	3.22%	0.252%
40	13.077	1822	1826	1836	rBV	2257916	2680482	85.79%	6.728%
41	13.166	1837	1841	1847	rVB3	109102	207462	6.64%	0.521%
42	13.219	1847	1850	1852	rBV3	32437	36432	1.17%	0.091%
43	13.277	1857	1860	1865	rVV2	194858	258459	8.27%	0.649%
44	13.342	1868	1871	1874	rVV	135088	143184	4.58%	0.359%
45	13.383	1874	1878	1885	rVB2	143715	232069	7.43%	0.582%
46	13.471	1891	1893	1896	rBV	104438	104988	3.36%	0.264%
47	13.507	1896	1899	1908	rVB2	107367	166584	5.33%	0.418%
48	13.624	1917	1919	1922	rBV2	46249	44889	1.44%	0.113%
49	13.789	1945	1947	1954	rVB	68217	77967	2.50%	0.196%
50	13.901	1963	1966	1968	rBV	116785	113449	3.63%	0.285%
51	13.924	1968	1970	1972	rVV	92527	90740	2.90%	0.228%
52	13.960	1972	1976	1981	rVV4	188393	280915	8.99%	0.705%
53	14.148	2003	2008	2011	rBV2	1222687	1908130	61.07%	4.789%
54	14.177	2011	2013	2020	rVB	677873	820969	26.28%	2.061%
55	14.536	2072	2074	2078	rVV	107703	105709	3.38%	0.265%
56	14.577	2078	2081	2084	rVB3	102623	112971	3.62%	0.284%
57	14.977	2146	2149	2154	rVB	195865	221843	7.10%	0.557%
58	15.230	2188	2192	2208	rVB	572632	1441999	46.15%	3.619%
59	15.342	2208	2211	2216	rBV	141377	195043	6.24%	0.490%
60	15.554	2243	2247	2254	rBV	325105	486549	15.57%	1.221%
61	15.624	2255	2259	2266	rBV	455575	754101	24.14%	1.893%
62	15.689	2266	2270	2275	rBV	575074	867957	27.78%	2.179%
63	17.277	2534	2540	2551	rVB	164833	384220	12.30%	0.964%
64	17.754	2617	2621	2633	rVB2	114288	270868	8.67%	0.680%

Sum of corrected areas: 39841281

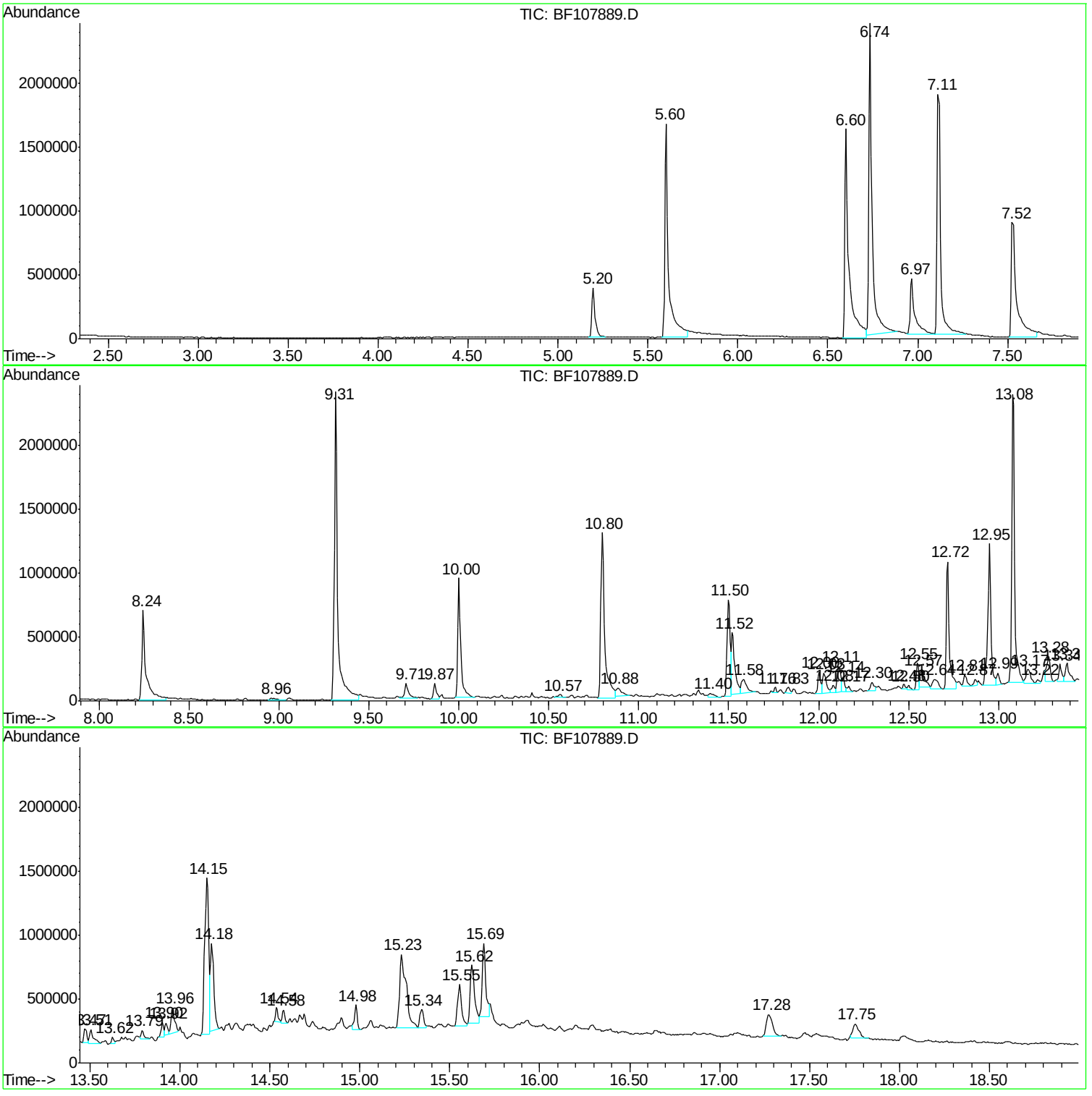
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107889.D
Acq On : 1 Aug 2018 15:20
Operator : JU/SJ
Sample : J4164-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-072518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107889.D
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Sample : J4164-11
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Instrument : BNA_F
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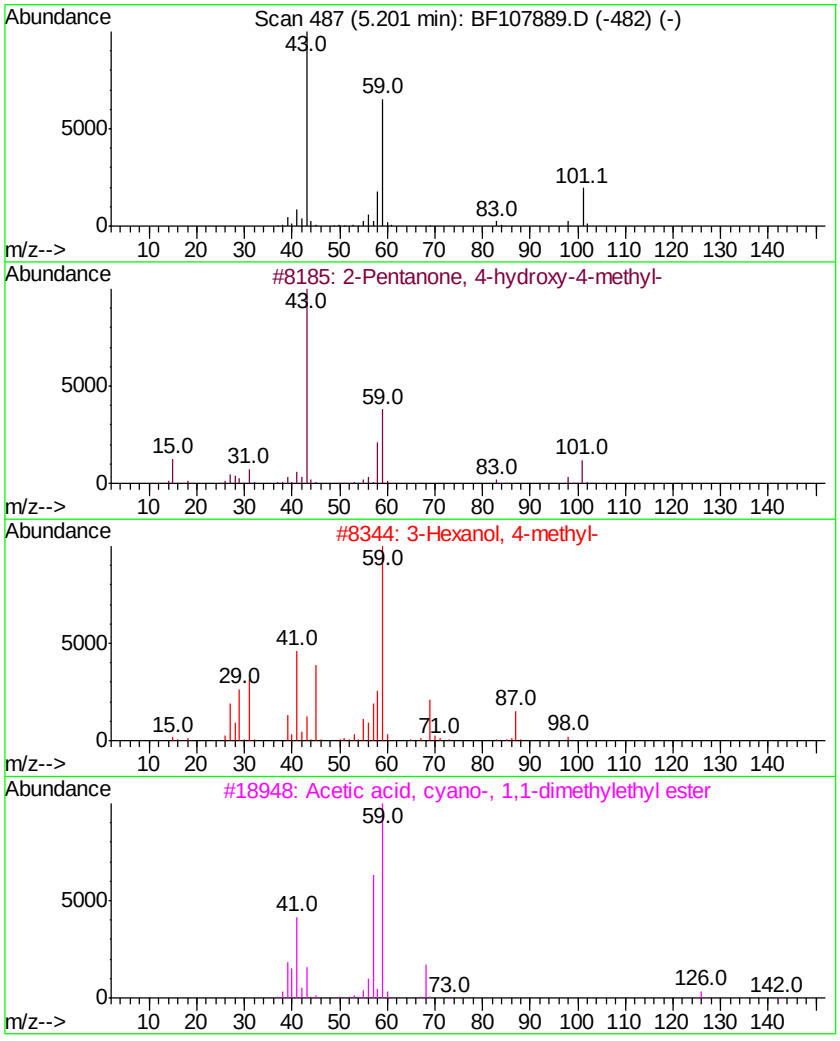
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

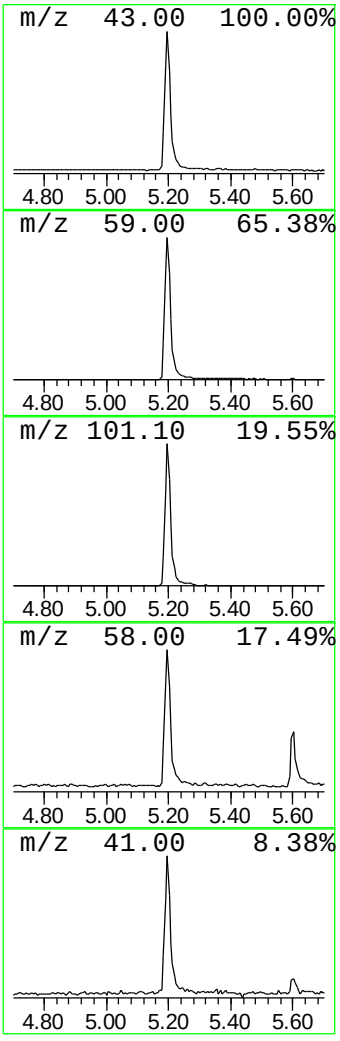
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	12.96 ng	509206	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Guanidine	59	CH5N3	000113-00-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107889.D
Acq On : 1 Aug 2018 15:20
Operator : JU/SJ
Sample : J4164-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-072518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

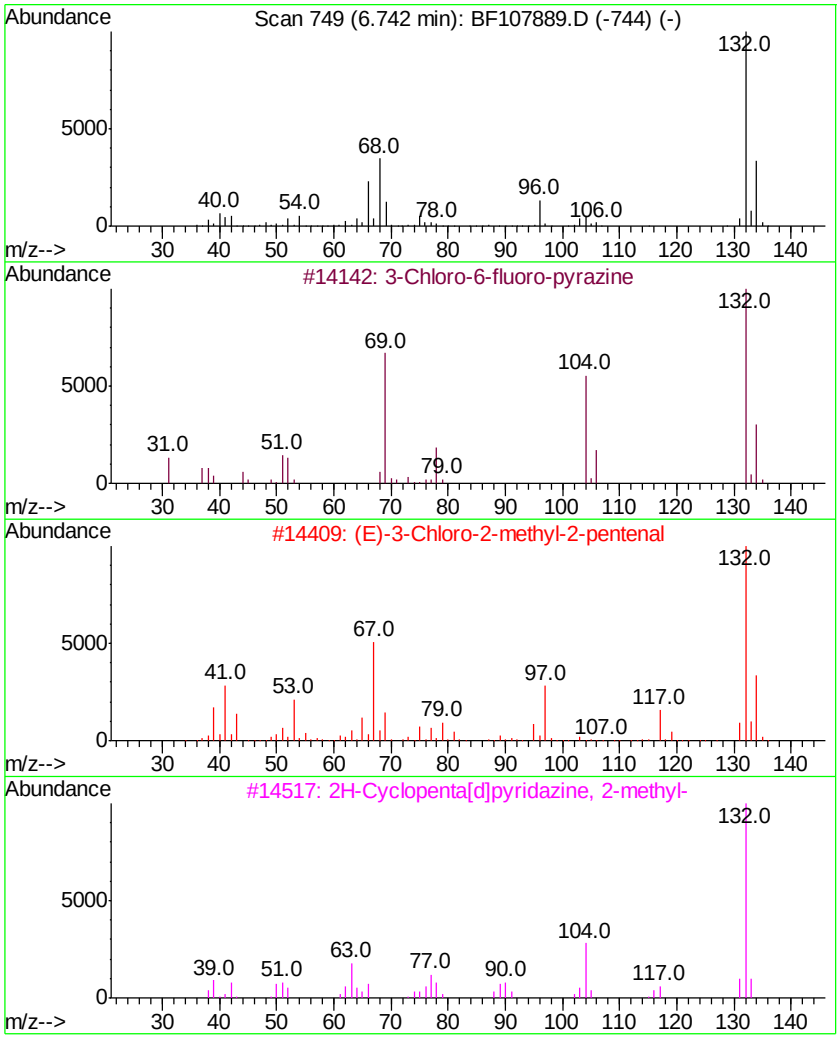
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

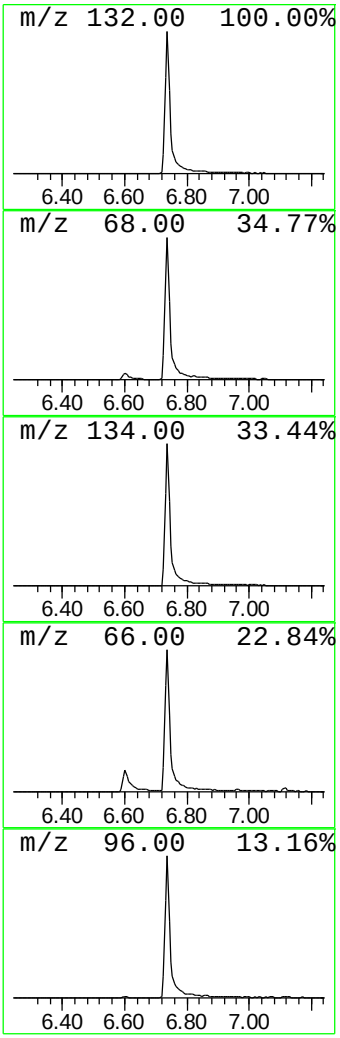
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	77.82 ng	3056870	1,4-Dichlorobenzene-d4	6.97

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	17
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Sample : J4164-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-072518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
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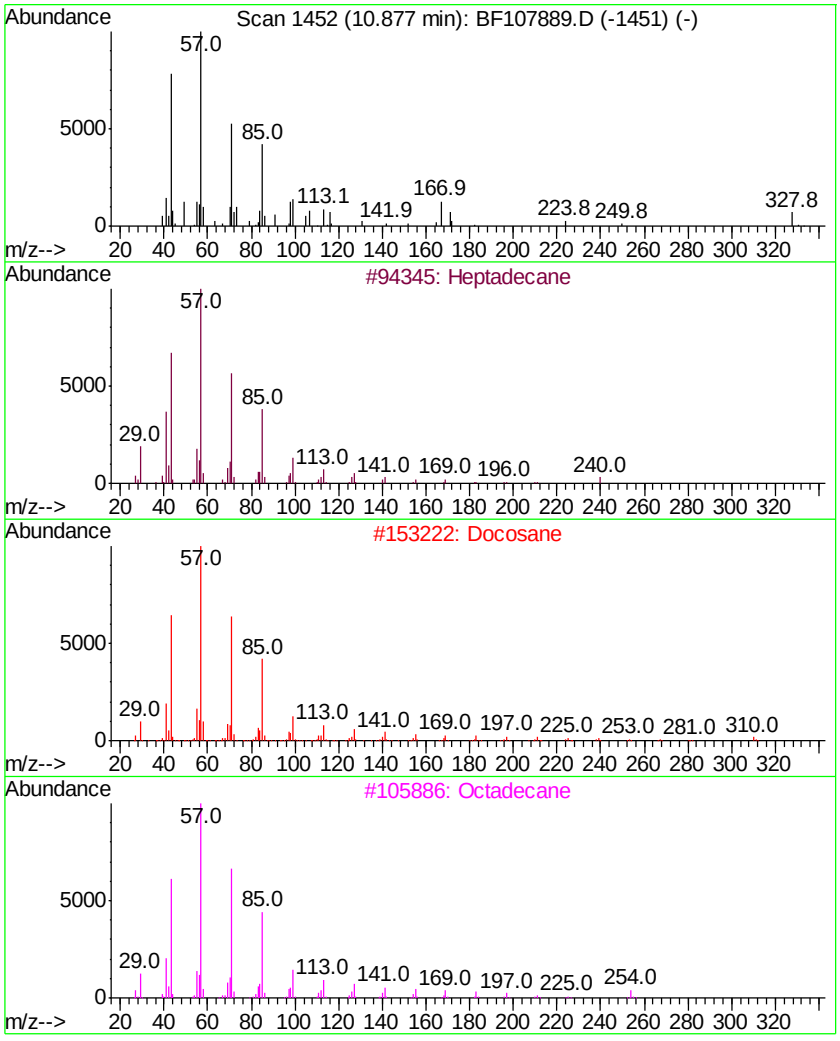
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

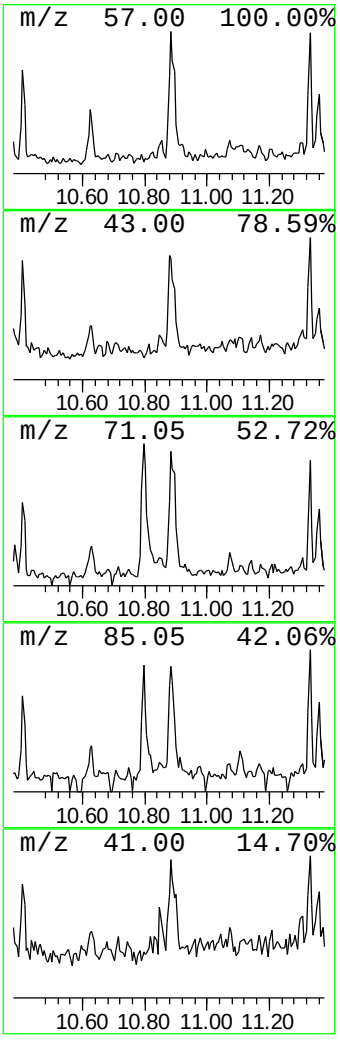
****

Peak Number 4 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	2.97 ng	133939	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	64
2	Docosane	310	C22H46	000629-97-0	59
3	Octadecane	254	C18H38	000593-45-3	59
4	Hexadecane	226	C16H34	000544-76-3	59
5	Tetratetracontane	619	C44H90	007098-22-8	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107889.D
Acq On : 1 Aug 2018 15:20
Operator : JU/SJ
Sample : J4164-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-072518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

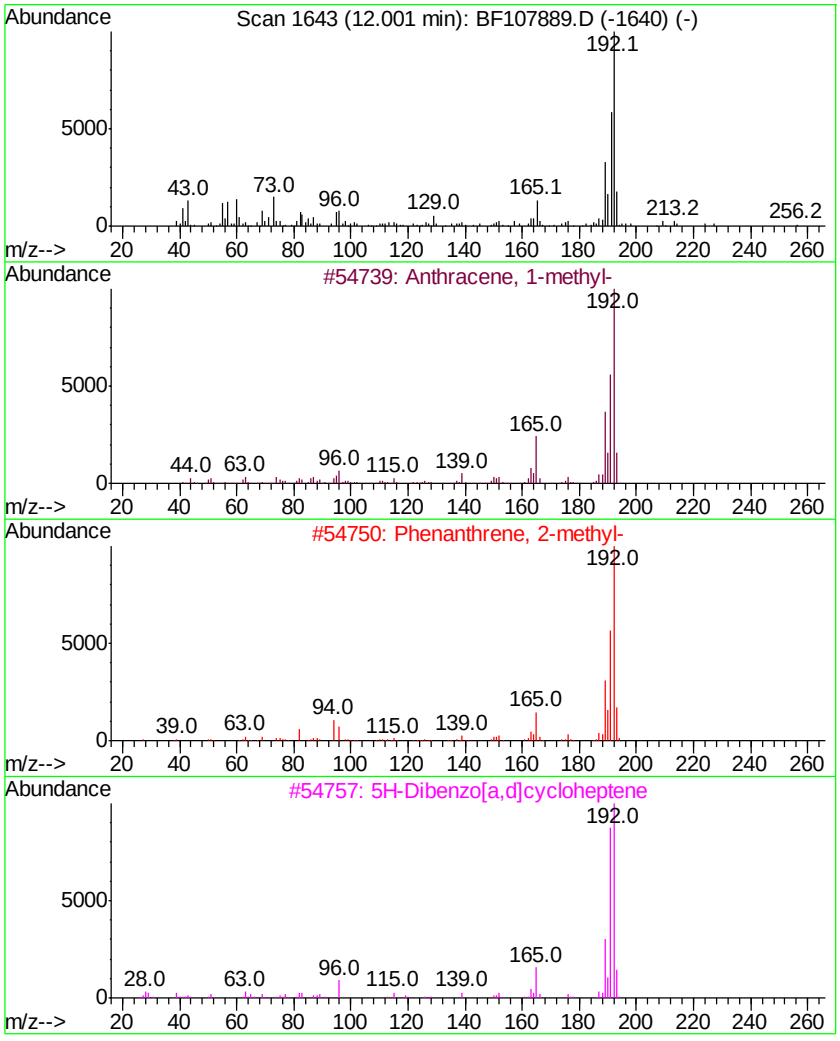
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

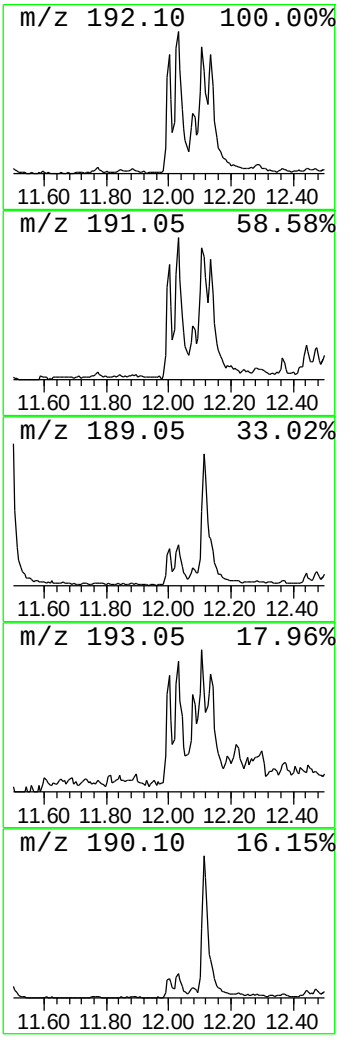
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.70 ng	211868	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107889.D
Acq On : 1 Aug 2018 15:20
Operator : JU/SJ
Sample : J4164-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-072518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

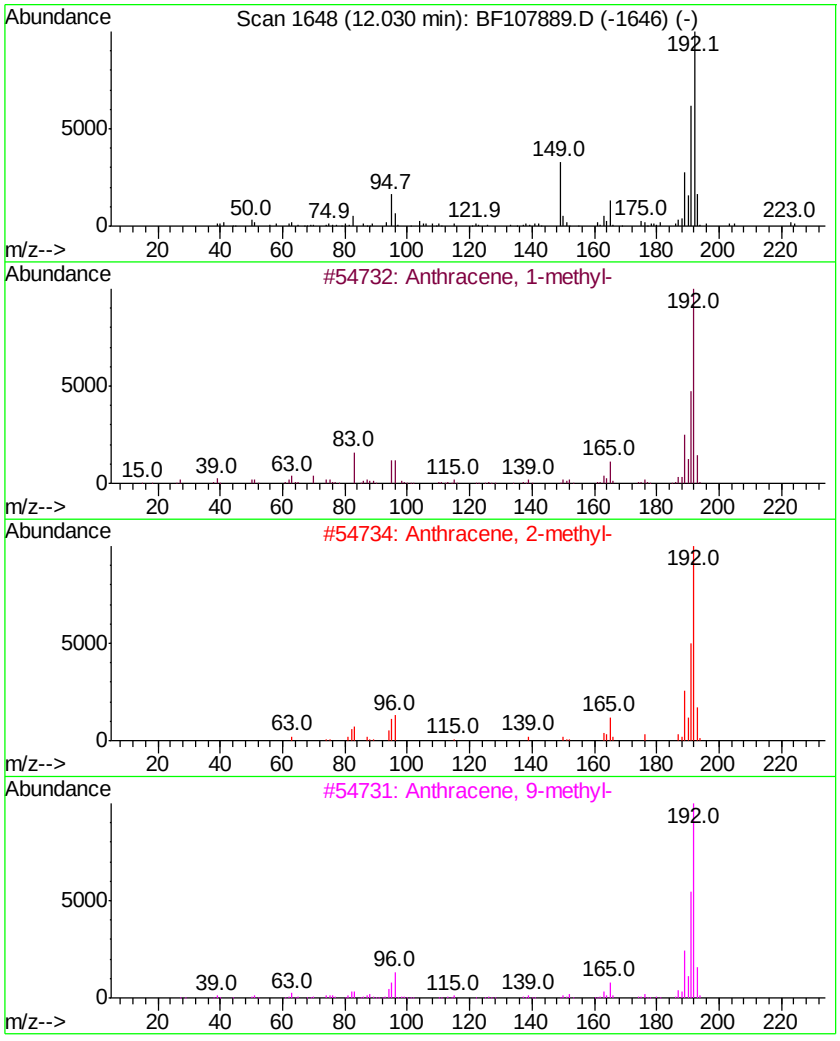
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

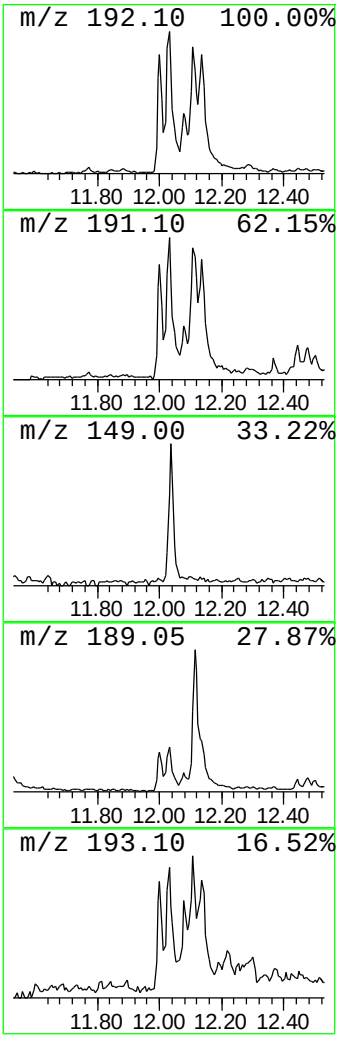
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	4.70 ng	211878	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76





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Data File : BF107889.D
Acq On : 1 Aug 2018 15:20
Operator : JU/SJ
Sample : J4164-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-072518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

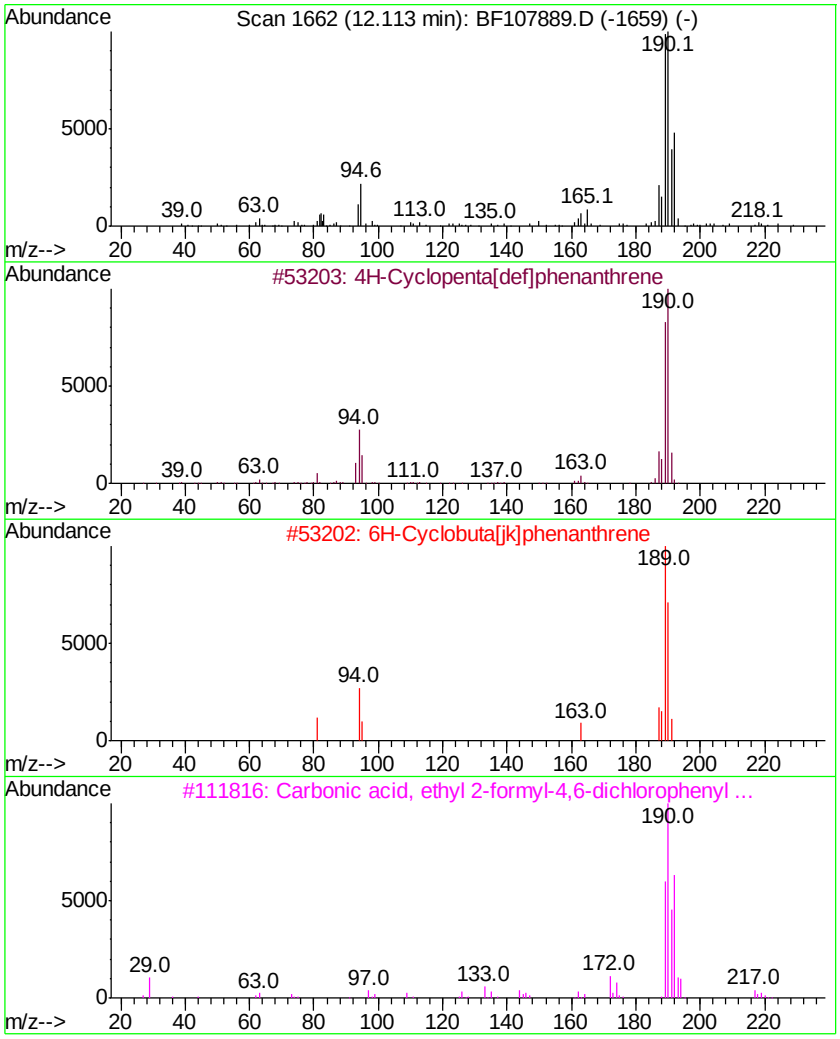
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

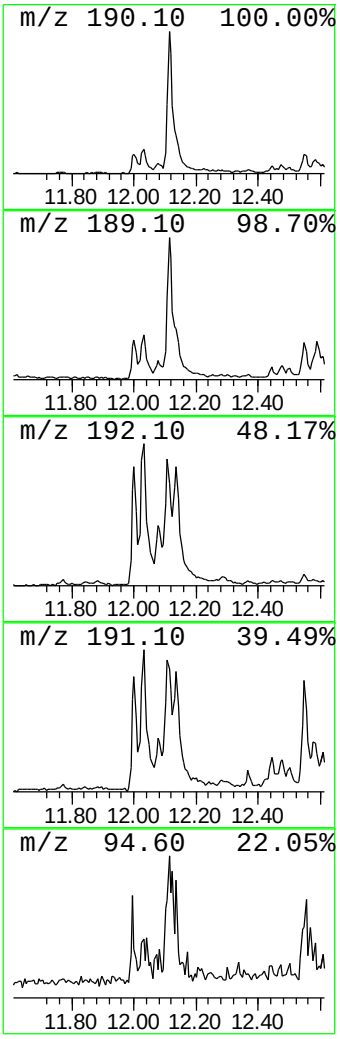
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	5.51 ng	248532	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5	1-Aminocyclopentanecarboxylic ac...	361	C18H32ClNO4	1000329-17-0	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107889.D
Acq On : 1 Aug 2018 15:20
Operator : JU/SJ
Sample : J4164-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-072518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

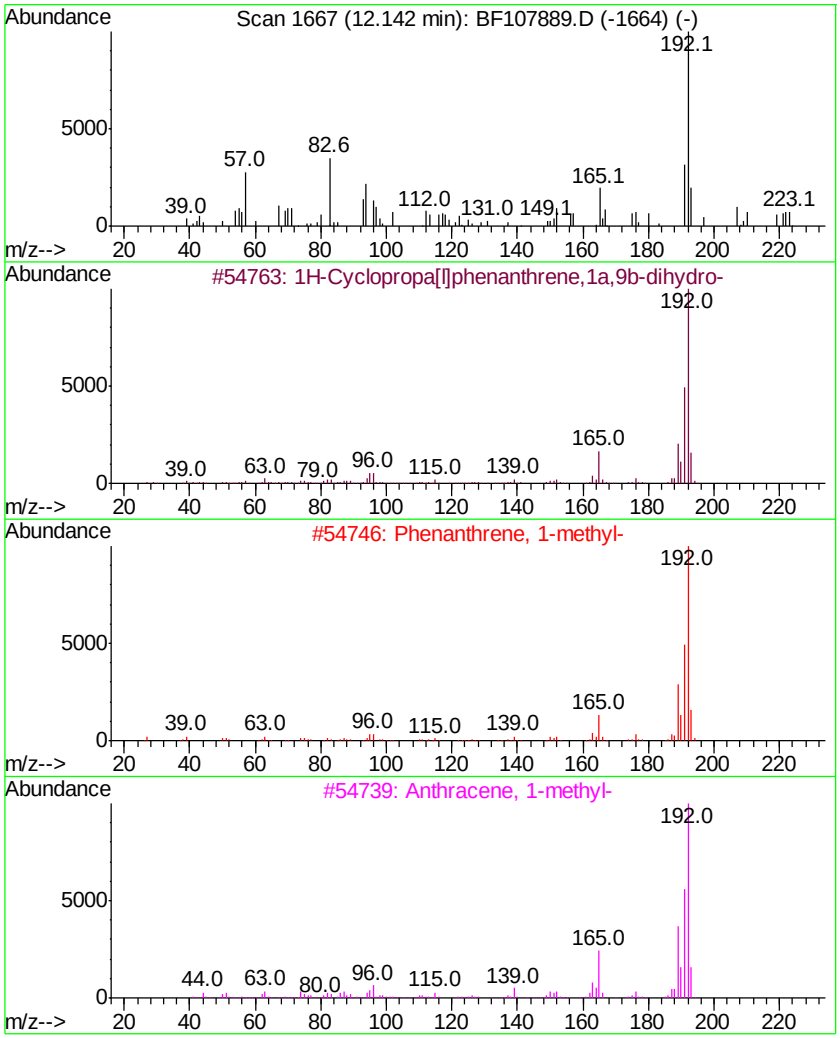
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

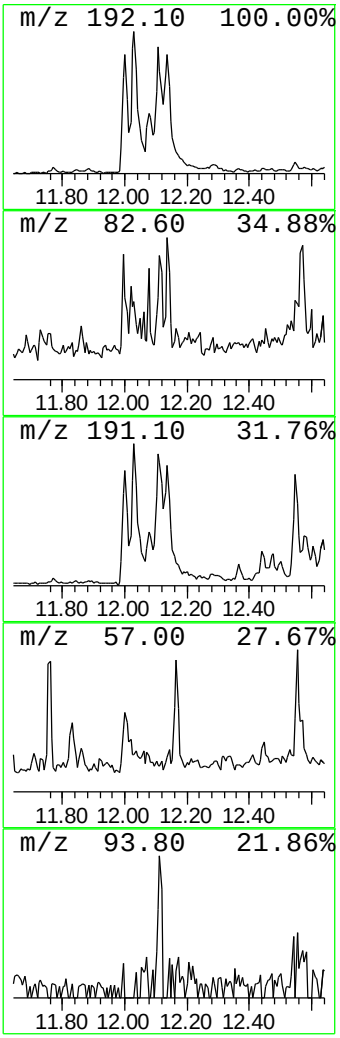
****

Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.00 ng	135245	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





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Acq On : 1 Aug 2018 15:20
Operator : JU/SJ
Sample : J4164-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-072518

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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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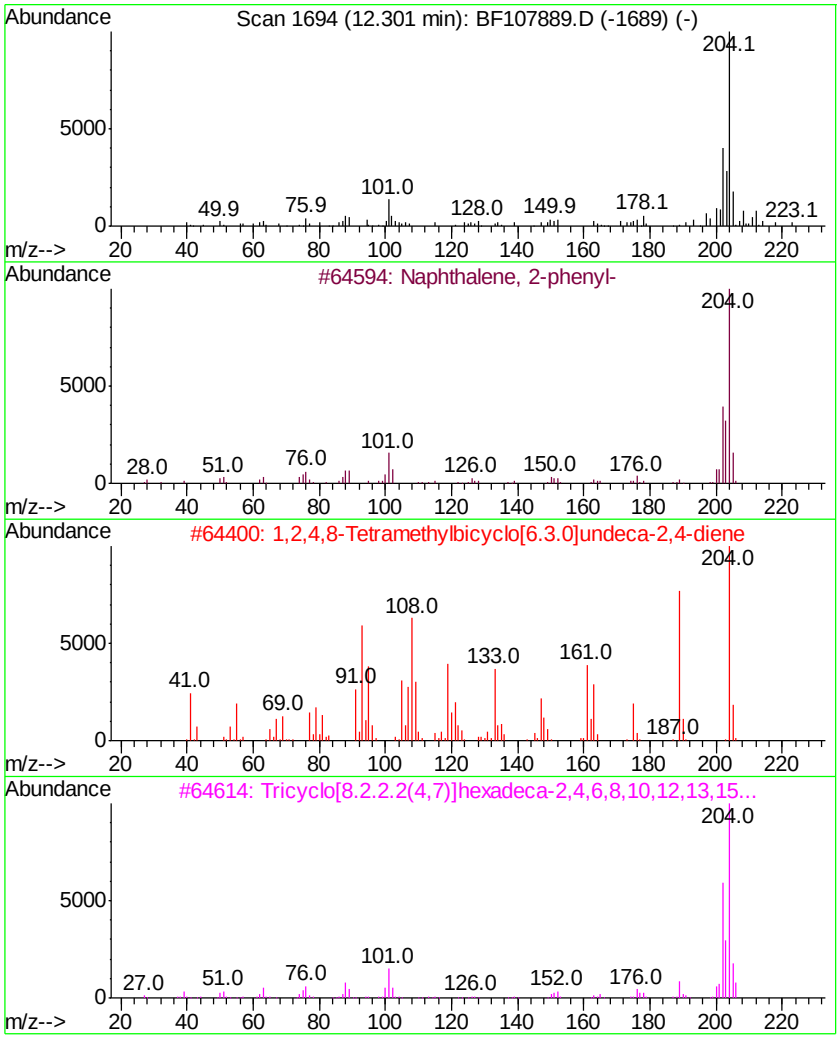
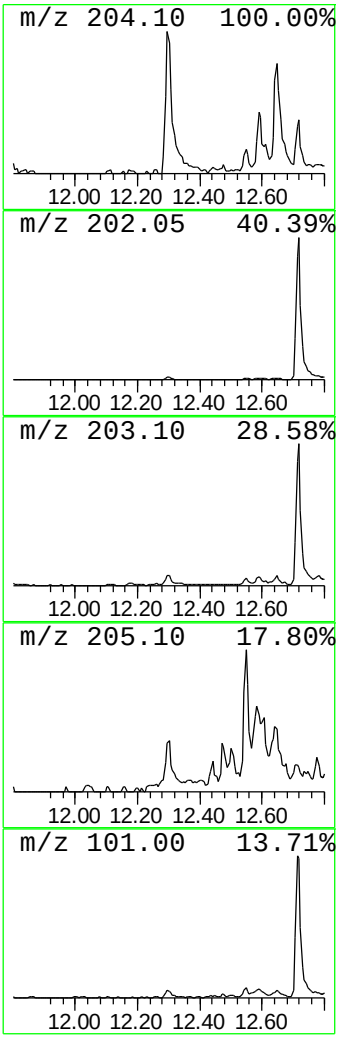
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.26 ng	101969	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	78
4	6-Phenylbenzocycloheptен-7-one	232	C17H12O	093327-56-1	72
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64





Library Search Compound Report

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Sample : J4164-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-072518

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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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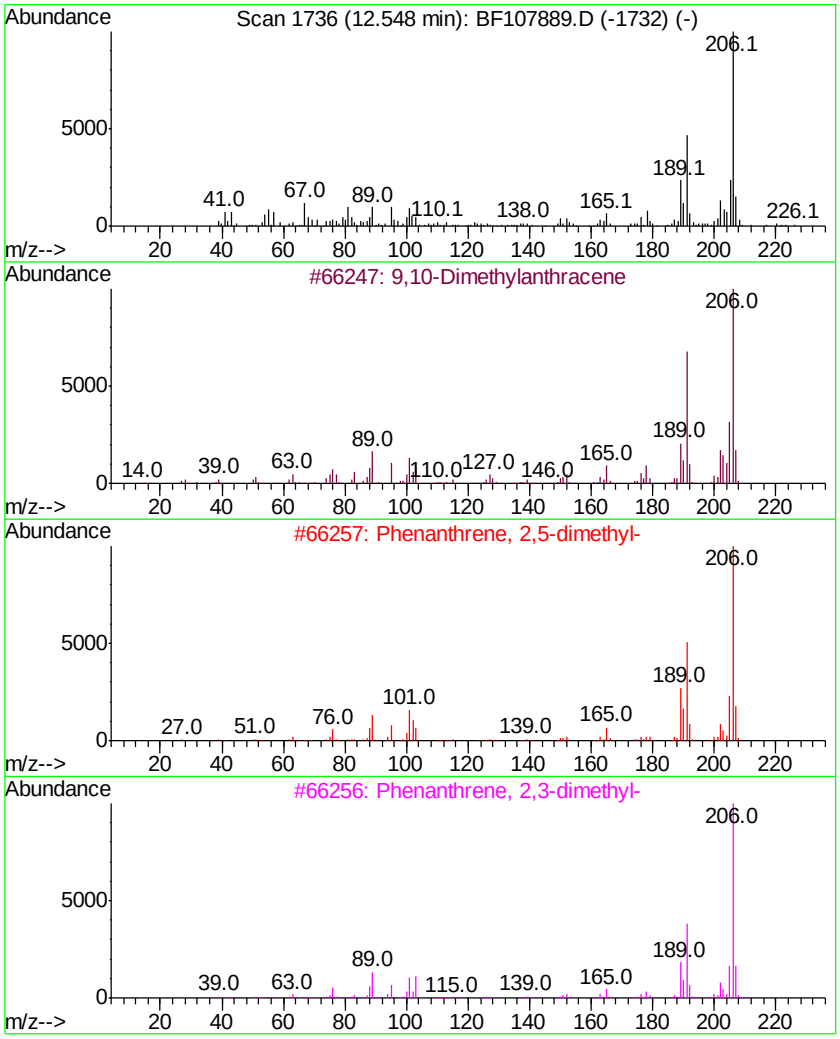
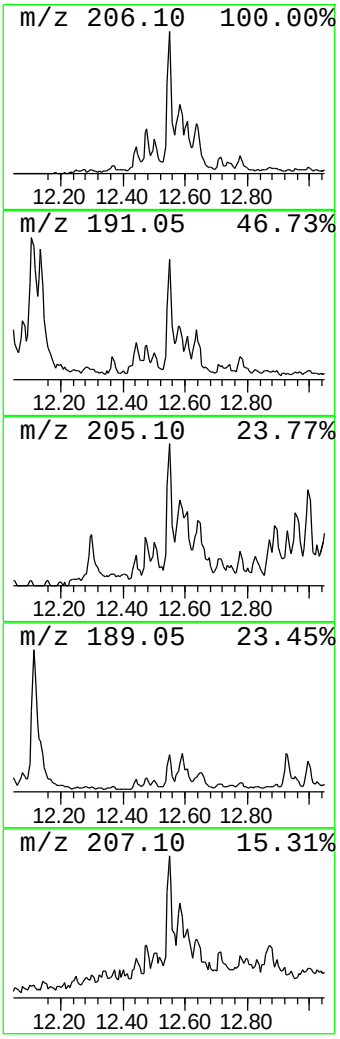
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	5.07 ng	228742	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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ClientSampleId : DUP-072518

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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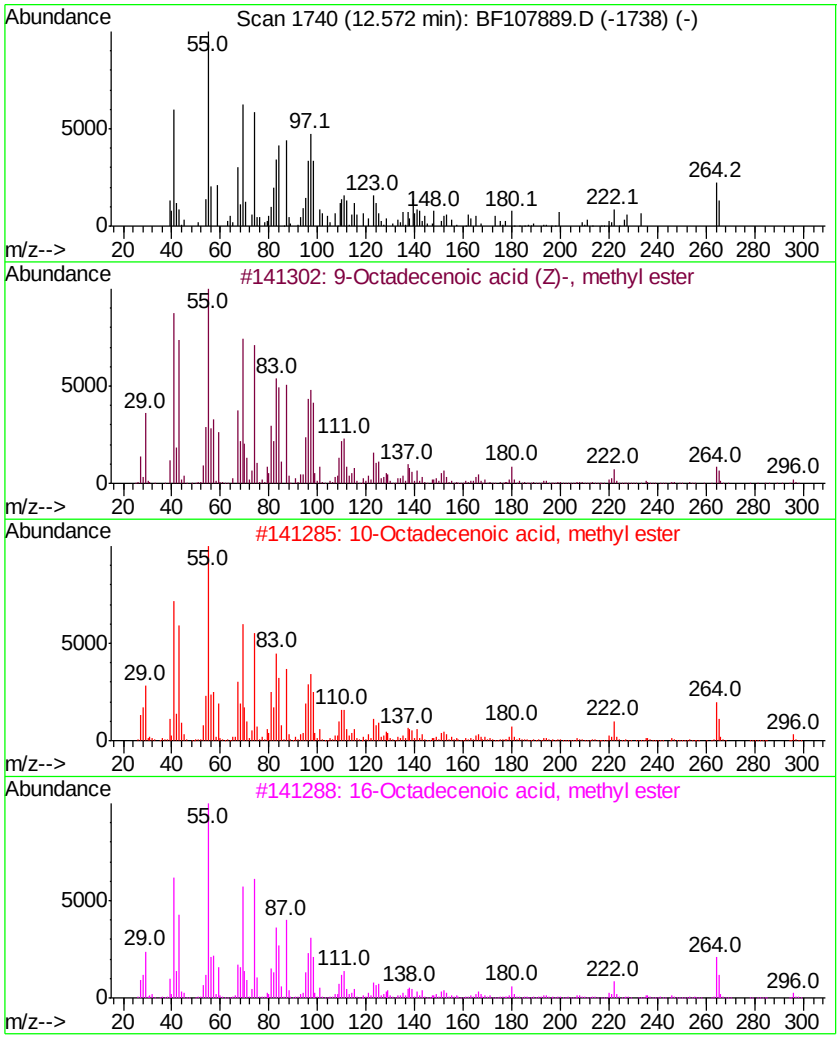
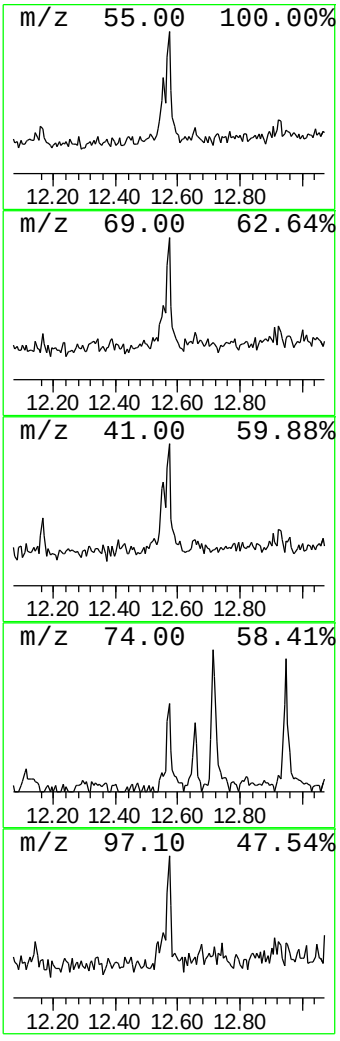
Peak Number 11 9-Octadecenoic acid (Z)-, m... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	5.00 ng	225439	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	76
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	76
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	74
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	68
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	68





Library Search Compound Report

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ClientSampleId : DUP-072518

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

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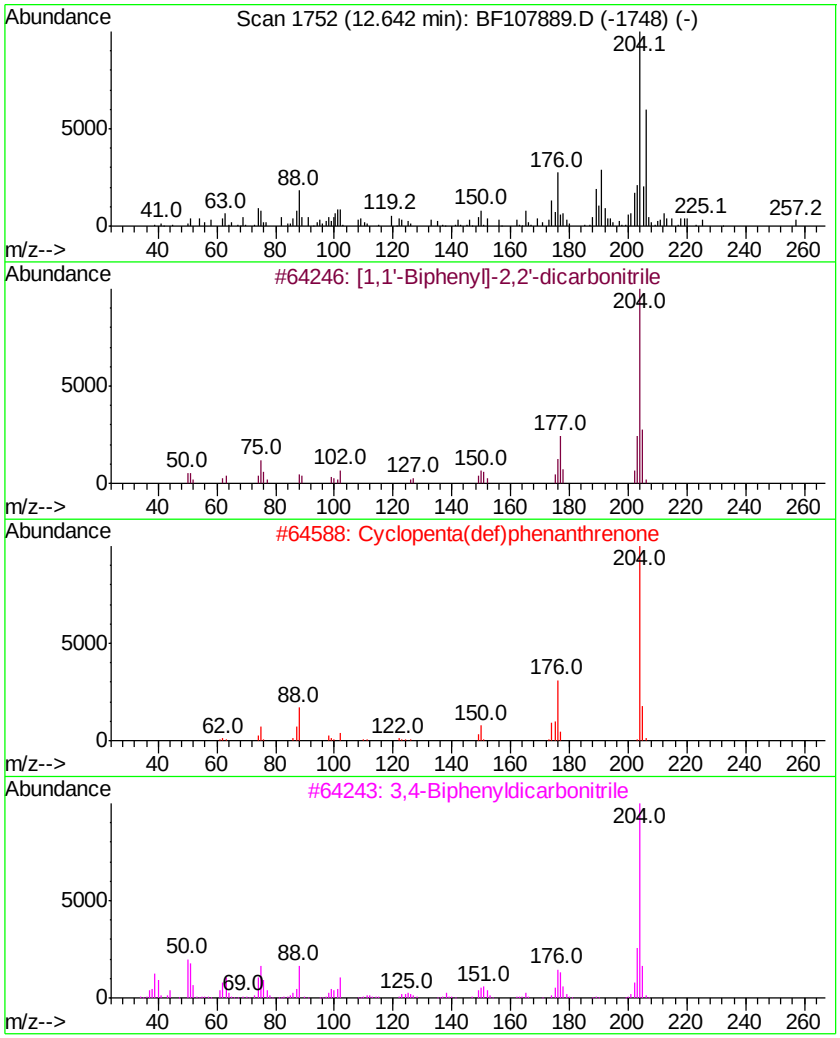
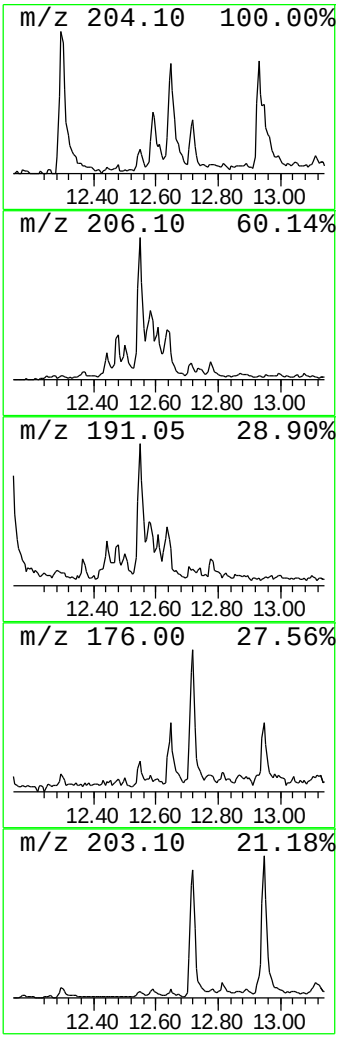
Peak Number 12 [1,1'-Biphenyl]-2,2'-dicarb... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	3.77 ng	170051	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	55
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	50
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	49





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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId : DUP-072518

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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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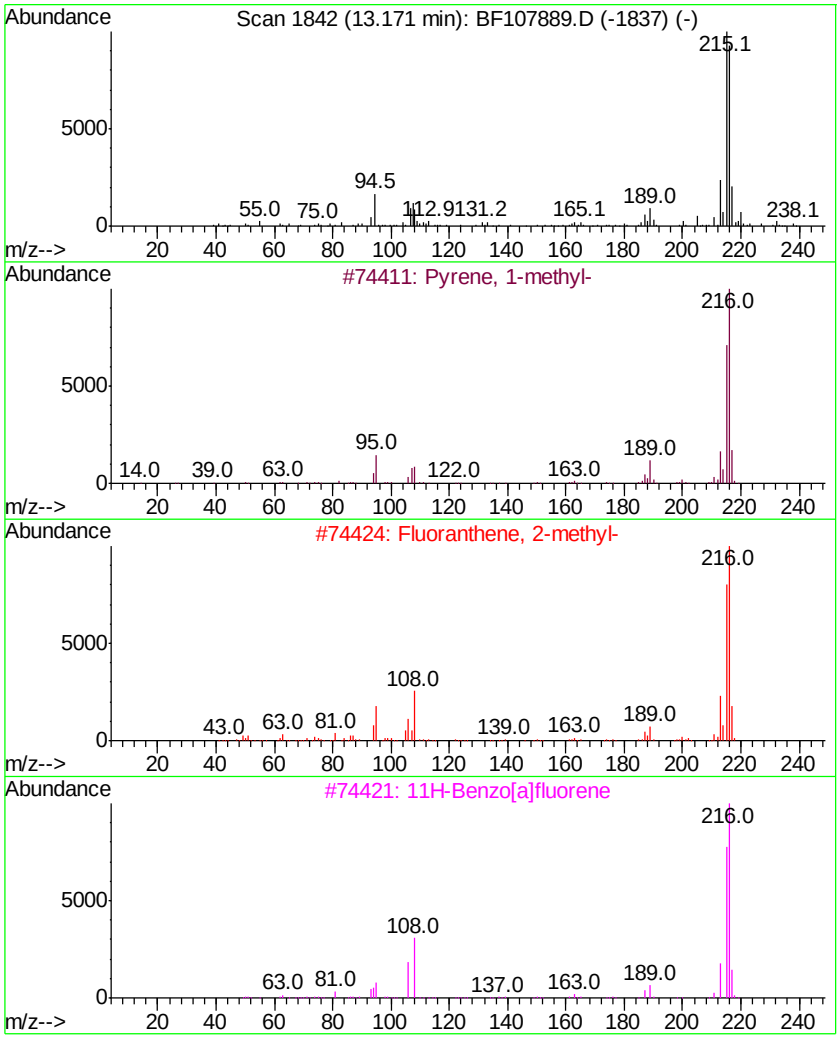
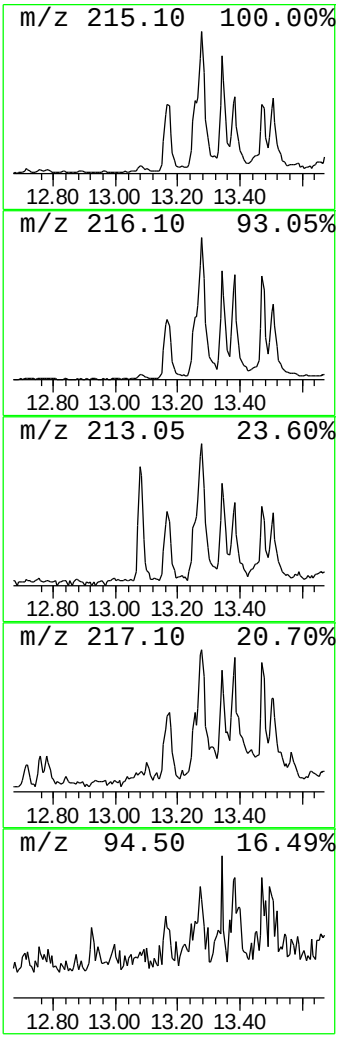
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.17 ng	207462	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-072518

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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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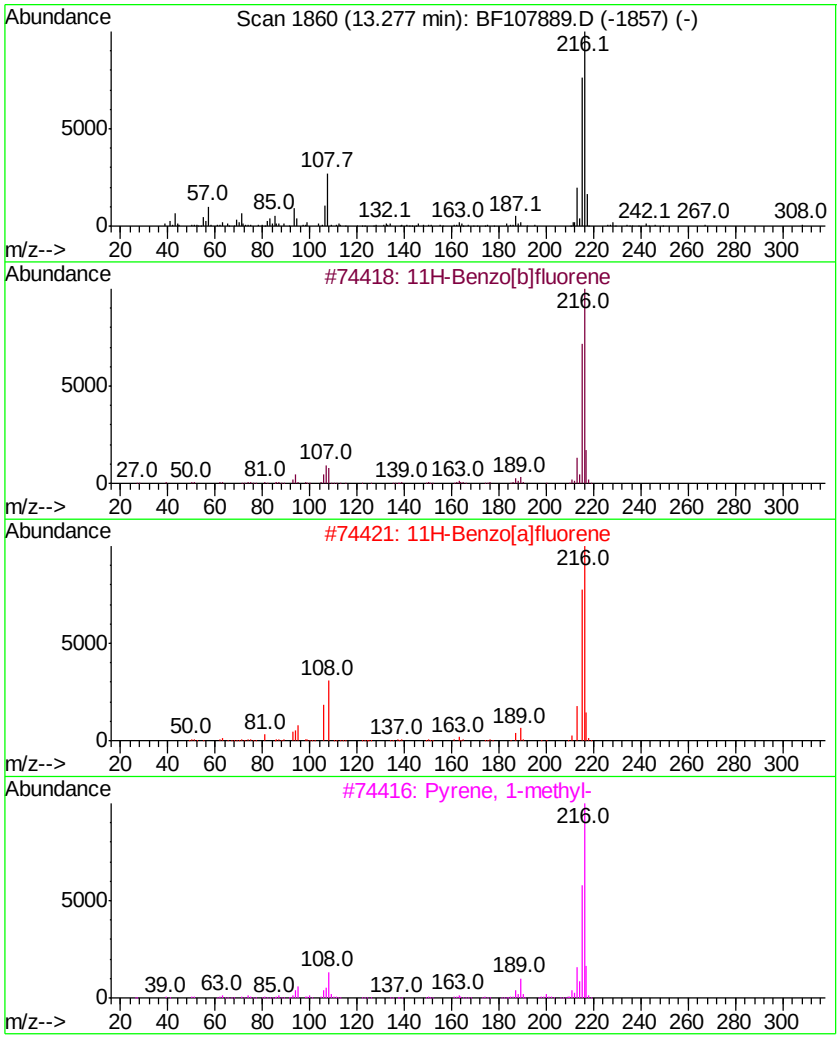
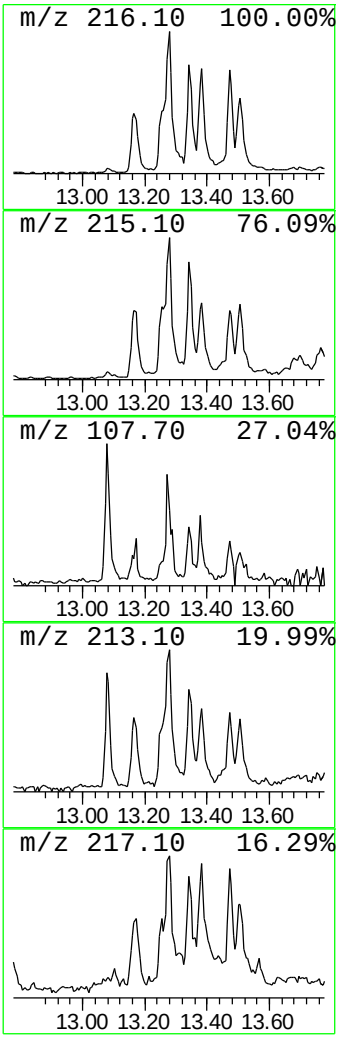
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	2.71 ng	258459	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Misc :
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ClientSampleId : DUP-072518

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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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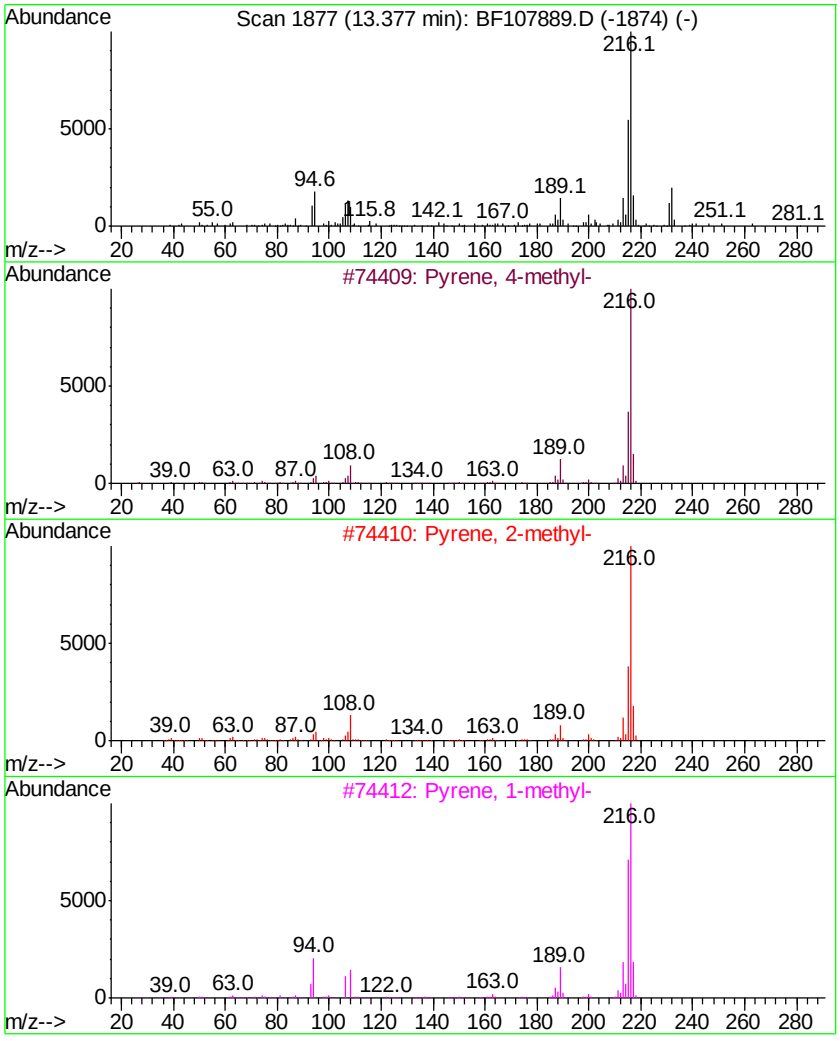
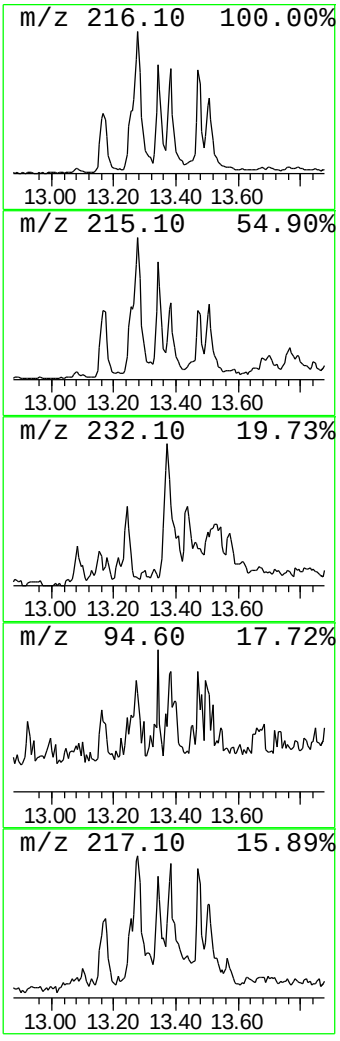
Peak Number 16 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.43 ng	232069	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	78





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TIC Library : C:\DATABASE\NIST11.L
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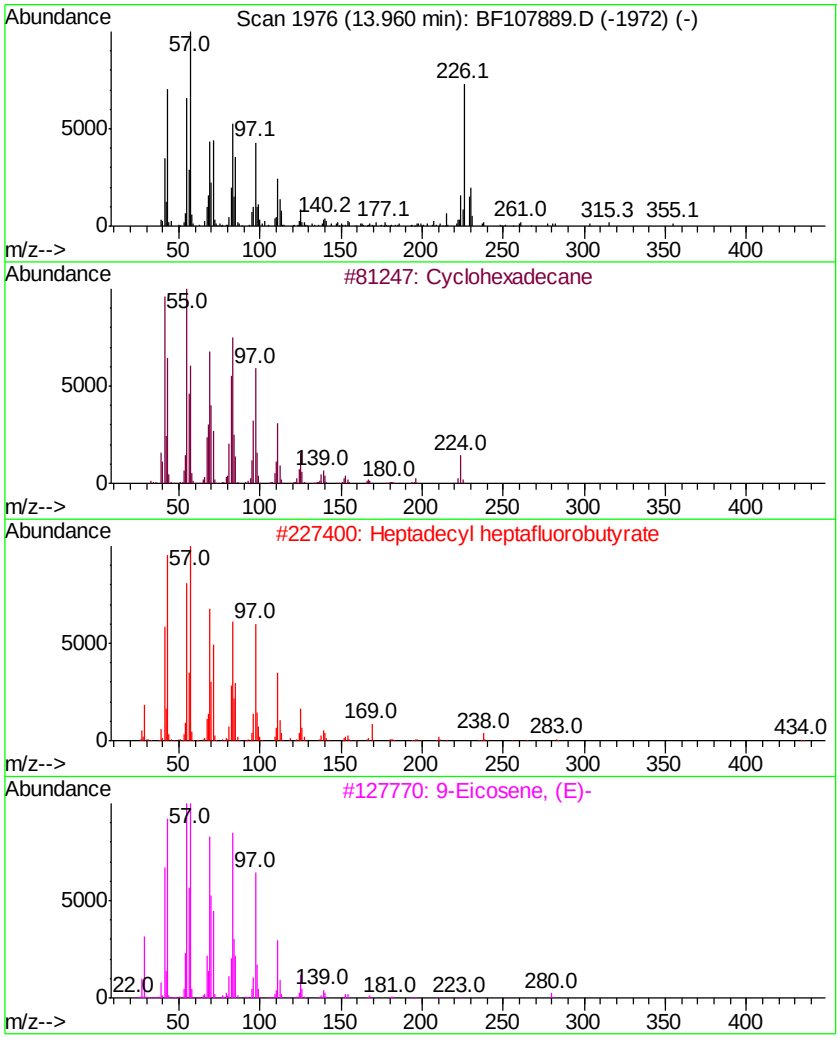
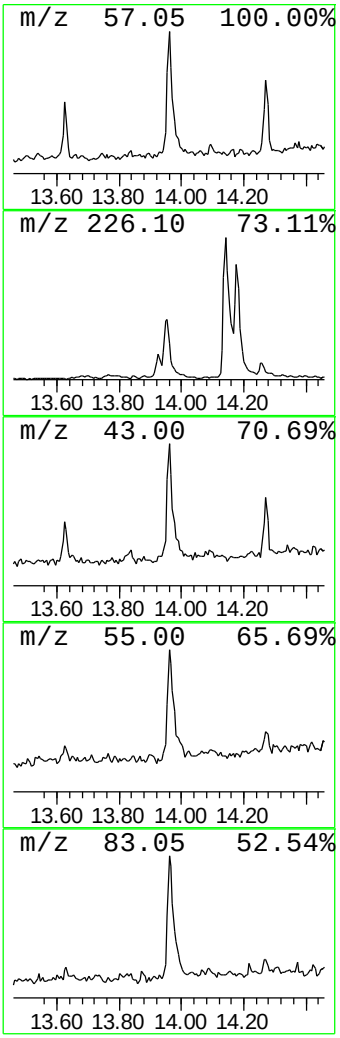
Peak Number 17 Cyclohexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	2.94 ng	280915	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	64
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	64
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	64
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	60
5	Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	58





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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId : DUP-072518

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
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TIC Library : C:\DATABASE\NIST11.L
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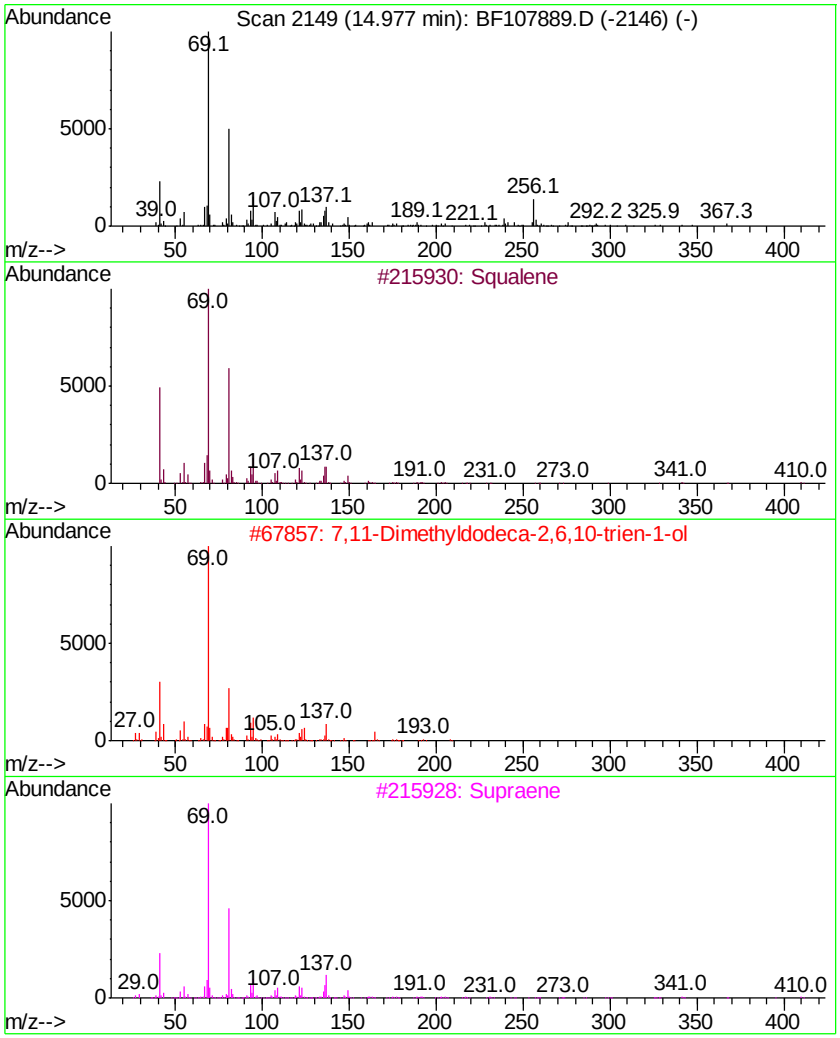
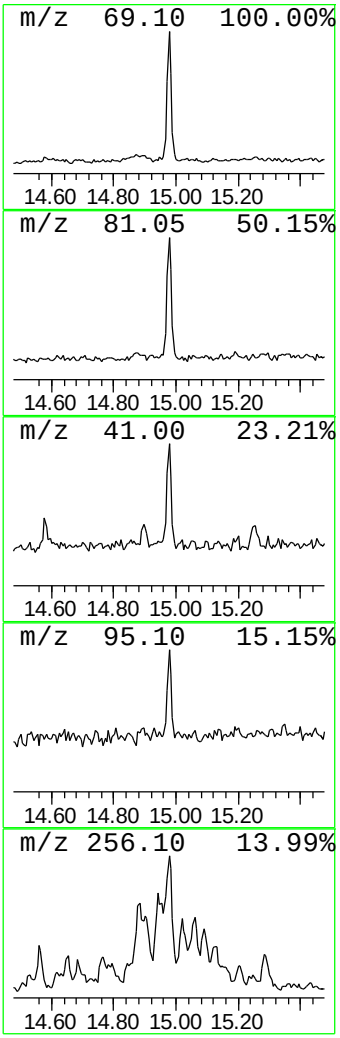
Peak Number 18 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	5.11 ng	221843	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	74
2	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
3	Supraene	410	C30H50	007683-64-9	62
4	2-Octene, 2-methyl-6-methylene-	138	C10H18	010054-09-8	53
5	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	53





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Instrument : BNA_F
ClientSampleId : DUP-072518

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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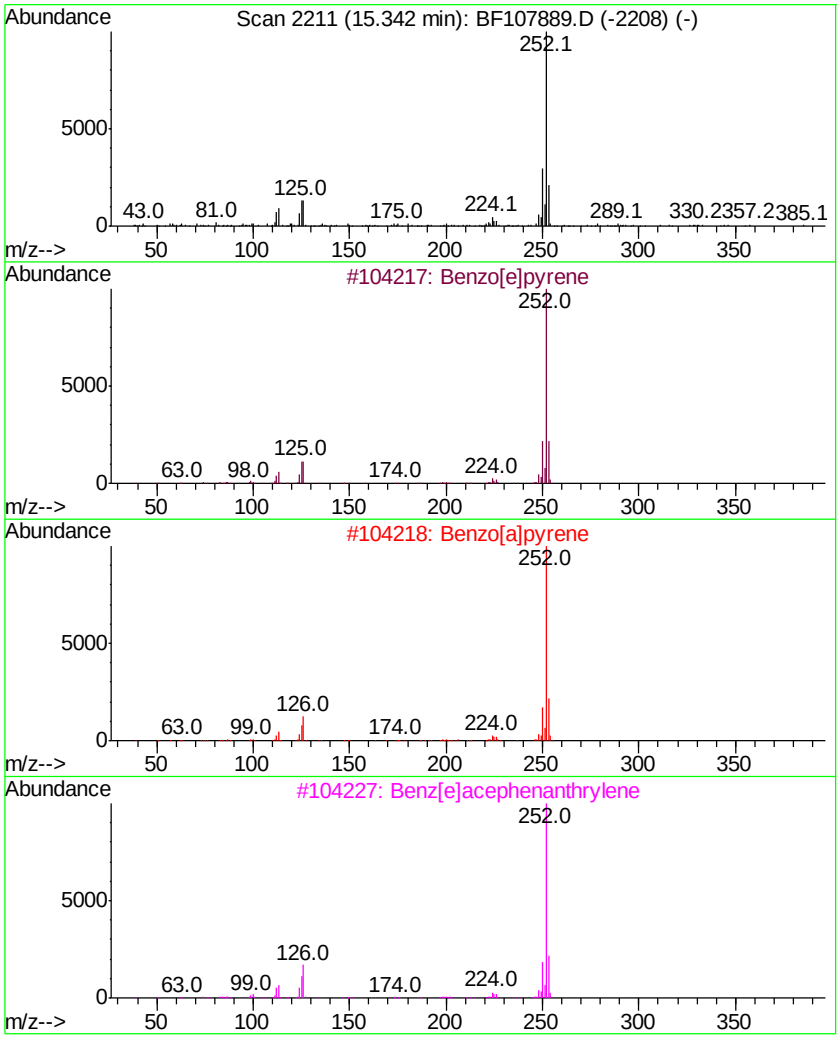
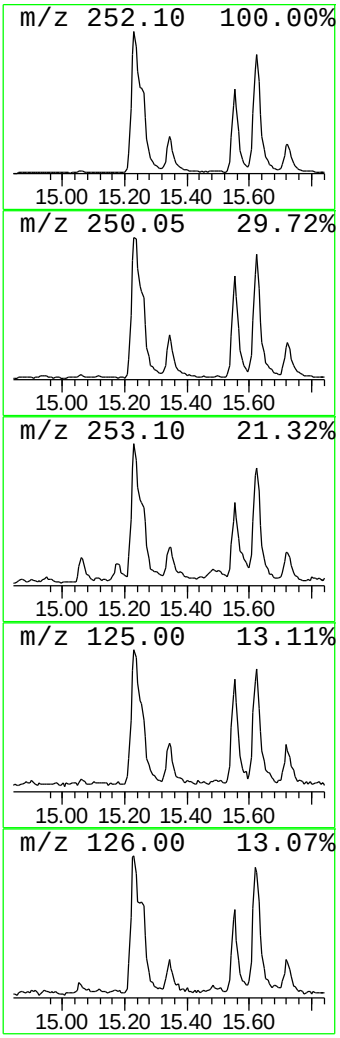
Peak Number 19 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	4.49 ng	195043	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

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Data File : BF107889.D
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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
2-Pentanone, 4-hy...	5.20	13.0	ng	509206	1	6.97	785600	20.0
unknown6.74	6.74	77.8	ng	3056870	1	6.97	785600	20.0
Heptadecane	10.88	3.0	ng	133939	4	11.50	901802	20.0
Anthracene, 1-met...	12.00	4.7	ng	211868	4	11.50	901802	20.0
Anthracene, 2-met...	12.03	4.7	ng	211878	4	11.50	901802	20.0
4H-Cyclopenta[def...	12.11	5.5	ng	248532	4	11.50	901802	20.0
1H-Cyclopropa[l]p...	12.14	3.0	ng	135245	4	11.50	901802	20.0
Naphthalene, 2-ph...	12.30	2.3	ng	101969	4	11.50	901802	20.0
9,10-Dimethylanth...	12.55	5.1	ng	228742	4	11.50	901802	20.0
9-Octadecenoic ac...	12.57	5.0	ng	225439	4	11.50	901802	20.0
[1,1'-Biphenyl]-2...	12.64	3.8	ng	170051	4	11.50	901802	20.0
Pyrene, 1-methyl-	13.17	2.2	ng	207462	5	14.15	1908130	20.0
11H-Benzo[b]fluorene	13.28	2.7	ng	258459	5	14.15	1908130	20.0
Pyrene, 4-methyl-	13.38	2.4	ng	232069	5	14.15	1908130	20.0
Cyclohexadecane	13.96	2.9	ng	280915	5	14.15	1908130	20.0
Squalene	14.98	5.1	ng	221843	6	15.69	867957	20.0
Benzo[e]pyrene	15.34	4.5	ng	195043	6	15.69	867957	20.0