LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107308.D
Acq On : 11 Jul 2018 18:52
Operator : JU/SJ
Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

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-BF061918.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	5.166	477	481	498	rBV	167749	214235	14.96%	1.039%
2	5.578	547	551	571	rBV	1253975	1272307	88.83%	6.169%
3	6.584	718	722	735	rBV	1283901	1336863	93.34%	6.482%
4	6.713	739	744	747	rVV	1406979	1303512	91.01%	6.321%
5	6.760	747	752	756	rVB3	17985	26269	1.83%	0.127%
6	6.931	778	781	785	rBV	462191	367822	25.68%	1.784%
7	6.995	787	792	797	rVB2	16897	20232	1.41%	0.098%
8	7.090	804	808	811	rBV	1202270	1052125	73.46%	5.102%
9	7.501	873	878	881	rBV	904833	854278	59.65%	4.142%
10	8.219	996	1000	1002	rBV	482101	453527	31.67%	2.199%
11	9.295	1178	1183	1186	rBV	1533690	1432229	100.00%	6.945%
12	9.395	1197	1200	1204	rVB2	19157	15742	1.10%	0.076%
13	9.683	1246	1249	1255	rVB	271497	247246	17.26%	1.199%
14	9.842	1273	1276	1280	rBV	51861	41838	2.92%	0.203%
15	9.983	1296	1300	1303	rBV	494782	465155	32.48%	2.256%
16	10.013	1303	1305	1310	rVB	51137	38932	2.72%	0.189%
17	10.183	1330	1334	1337	rBV2	21343	23159	1.62%	0.112%
18	10.383	1365	1368	1371	rBV	18174	15182	1.06%	0.074%
19	10.530	1390	1393	1398	rVB	39974	40979	2.86%	0.199%
20	10.783	1431	1436	1440	rBV	846657	813045	56.77%	3.942%
21	10.866	1447	1450	1453	rVB2	14199	18421	1.29%	0.089%
22	11.083	1480	1487	1489	rBV3	20184	28483	1.99%	0.138%
23	11.101	1489	1490	1494	rVB2	14703	15149	1.06%	0.073%
24	11.289	1518	1522	1524	rBV2	23723	22589	1.58%	0.110%
25	11.377	1534	1537	1541	rVB	24420	23292	1.63%	0.113%
26	11.477	1550	1554	1556	rBV	493122	456184	31.85%	2.212%
27	11.501	1556	1558	1562	rVV	522144	466806	32.59%	2.264%
28	11.554	1564	1567	1570	rVV	138326	118185	8.25%	0.573%
29	11.589	1570	1573	1577	rVB2	15904	22038	1.54%	0.107%
30	11.719	1587	1595	1597	rBV2	62139	73901	5.16%	0.358%
31	11.819	1608	1612	1615	rBV3	15389	17926	1.25%	0.087%
32	11.901	1622	1626	1630	rVB3	17209	22098	1.54%	0.107%
33	11.983	1636	1640	1642	rBV	83604	77189	5.39%	0.374%
34	12.013	1642	1645	1650	rVV2	118583	107097	7.48%	0.519%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107308.D
Acq On : 11 Jul 2018 18:52
Operator : JU/SJ
Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.060	1650	1653	1656	rVB	49122	40337	2.82%	0.196%
36	12.095	1656	1659	1661	rBV2	132515	145562	10.16%	0.706%
37	12.119	1661	1663	1666	rVB	63994	49705	3.47%	0.241%
38	12.148	1666	1668	1674	rBV3	23478	32794	2.29%	0.159%
39	12.219	1677	1680	1683	rVV4	13815	17251	1.20%	0.084%
40	12.272	1687	1689	1693	rVV	64211	61755	4.31%	0.299%
41	12.319	1694	1697	1700	rVB	44292	44055	3.08%	0.214%
42	12.413	1711	1713	1714	rBV	15264	14759	1.03%	0.072%
43	12.424	1714	1715	1718	rVB	28120	18830	1.31%	0.091%
44	12.460	1718	1721	1723	rBV	29132	23022	1.61%	0.112%
45	12.483	1723	1725	1727	rVB	35056	21808	1.52%	0.106%
46	12.536	1730	1734	1737	rBV2	97807	108289	7.56%	0.525%
47	12.630	1745	1750	1753	rBV2	59642	77096	5.38%	0.374%
48	12.707	1758	1763	1765	rBV	984539	924819	64.57%	4.484%
49	12.724	1765	1766	1770	rVB2	58149	47421	3.31%	0.230%
50	12.766	1770	1773	1776	rBV3	24186	28033	1.96%	0.136%
51	12.801	1776	1779	1781	rVV	31716	29281	2.04%	0.142%
52	12.854	1786	1788	1790	rVB2	27460	20425	1.43%	0.099%
53	12.913	1795	1798	1799	rBV	218276	188831	13.18%	0.916%
54	12.936	1799	1802	1807	rVV	931815	853814	59.61%	4.140%
55	12.983	1807	1810	1814	rVB2	49999	57131	3.99%	0.277%
56	13.066	1819	1824	1827	rBV	1316504	1246442	87.03%	6.044%
57	13.101	1827	1830	1834	rVB	49110	56152	3.92%	0.272%
58	13.154	1834	1839	1843	rBV2	74486	147925	10.33%	0.717%
59	13.201	1845	1847	1850	rVB2	47764	39477	2.76%	0.191%
60	13.266	1850	1858	1862	rBV	203440	289731	20.23%	1.405%
61	13.330	1866	1869	1871	rBV	90788	84871	5.93%	0.412%
62	13.366	1871	1875	1878	rBV2	78555	97880	6.83%	0.475%
63	13.460	1889	1891	1894	rBV	54006	47414	3.31%	0.230%
64	13.495	1894	1897	1899	rVV2	59486	53867	3.76%	0.261%
65	13.613	1914	1917	1919	rBV	86857	74773	5.22%	0.363%
66	13.777	1943	1945	1948	rVB	92493	78369	5.47%	0.380%
67	13.889	1961	1964	1966	rBV	97004	86493	6.04%	0.419%
68	13.913	1966	1968	1970	rVV	92376	70420	4.92%	0.341%
69	13.942	1970	1973	1979	rVV3	227855	262942	18.36%	1.275%
70	13.989	1979	1981	1985	rVB	96327	90529	6.32%	0.439%
71	14.136	2002	2006	2009	rBV2	648497	965859	67.44%	4.683%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107308.D
Acq On : 11 Jul 2018 18:52
Operator : JU/SJ
Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.166	2009	2011	2014	rVB	424192	401544	28.04%	1.947%
73	14.254	2023	2026	2030	rBV2	124173	175856	12.28%	0.853%
74	14.530	2071	2073	2076	rVB	96858	76401	5.33%	0.370%
75	14.566	2077	2079	2083	rBV	128751	121476	8.48%	0.589%
76	15.230	2187	2192	2199	rVB	378420	780266	54.48%	3.783%
77	15.554	2243	2247	2254	rVB	187083	233046	16.27%	1.130%
78	15.618	2254	2258	2264	rBV	255318	407644	28.46%	1.977%
79	15.683	2266	2269	2273	rBV	192016	238581	16.66%	1.157%
80	17.771	2620	2624	2630	rVB2	95904	185933	12.98%	0.902%

Sum of corrected areas: 20622944

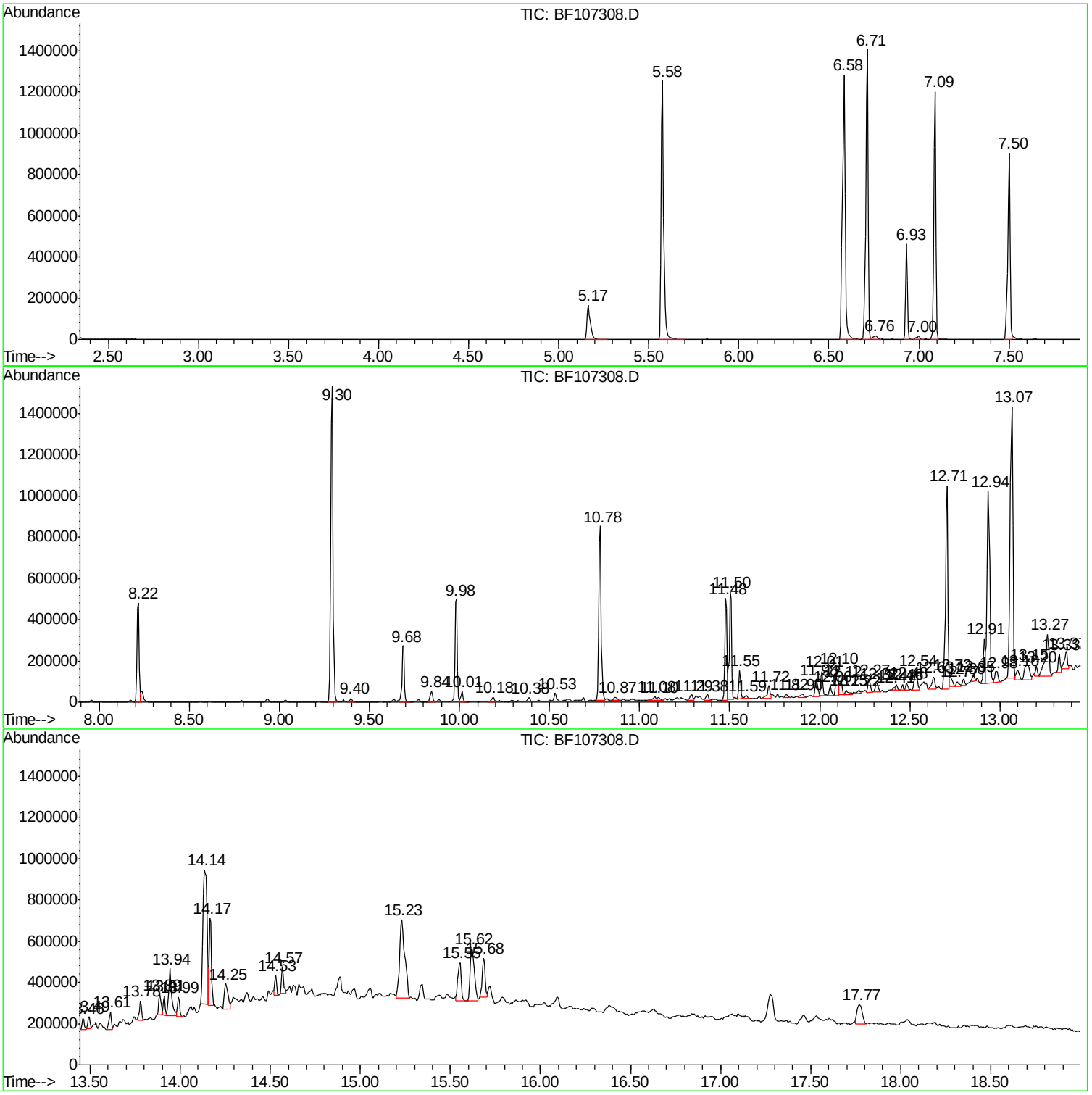
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107308.D
Acq On : 11 Jul 2018 18:52
Operator : JU/SJ
Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF071118\
Data File : BF107308.D
Acq On : 11 Jul 2018 18:52
Operator : JU/SJ
Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

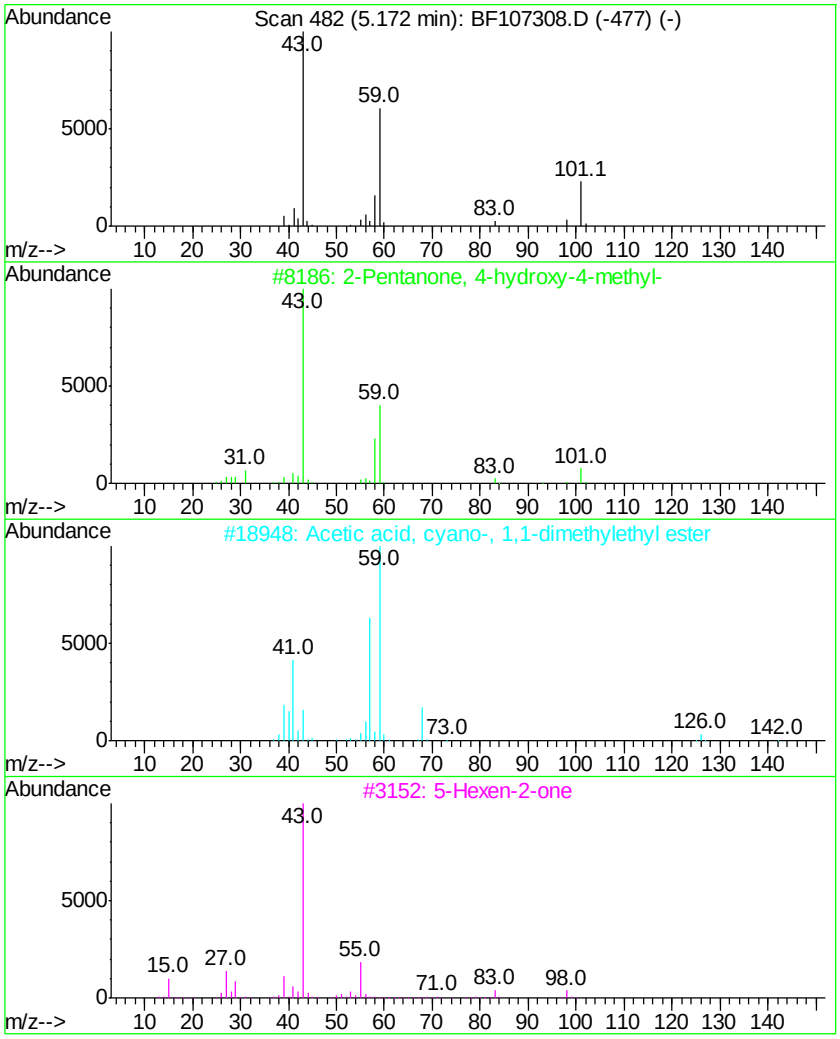
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

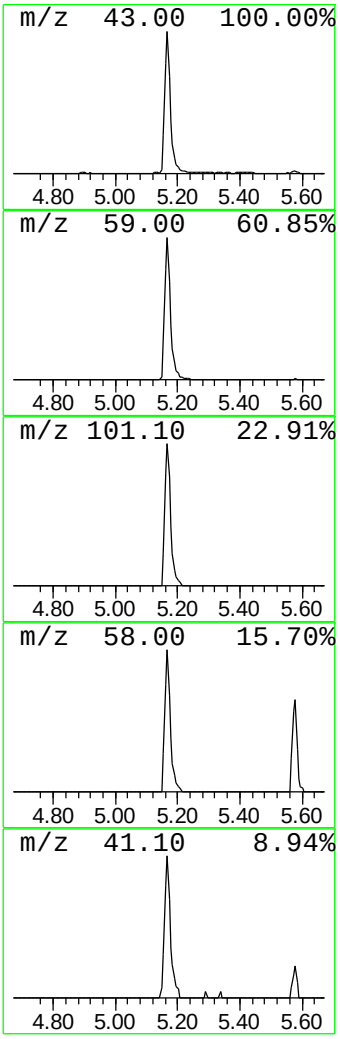
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	11.65 ng	214235	1,4-Dichlorobenzene-d4	6.93

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	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107308.D
Acq On : 11 Jul 2018 18:52
Operator : JU/SJ
Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

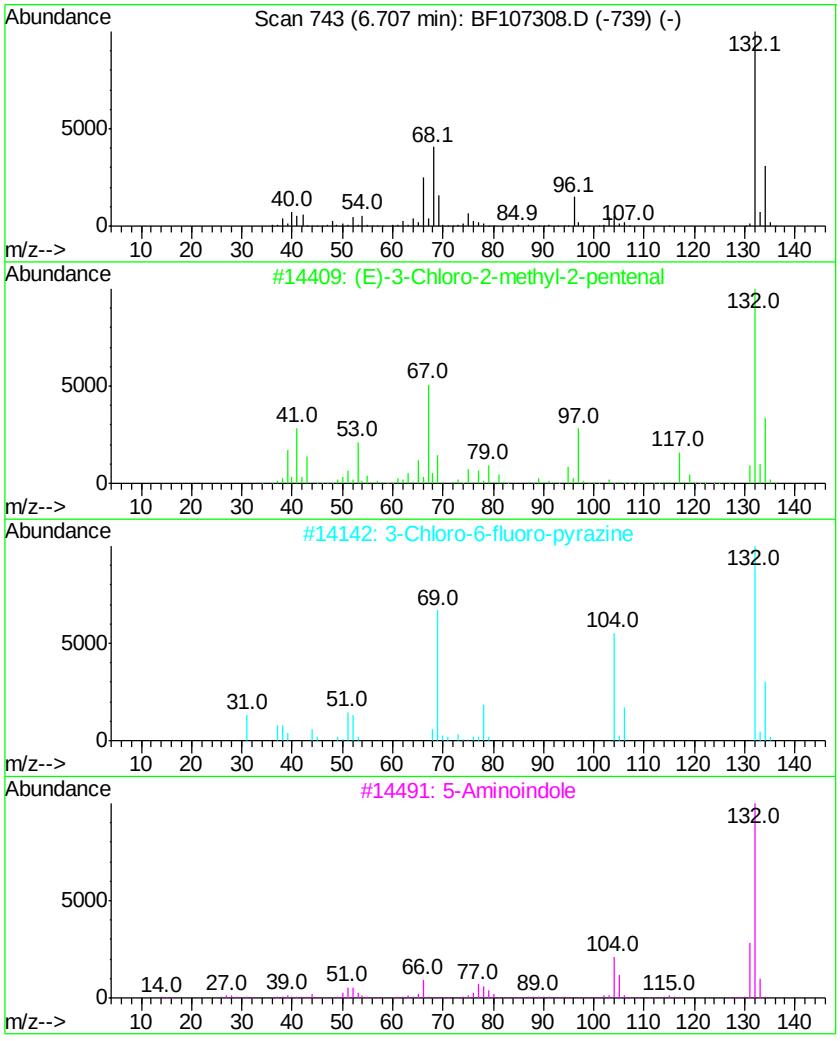
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

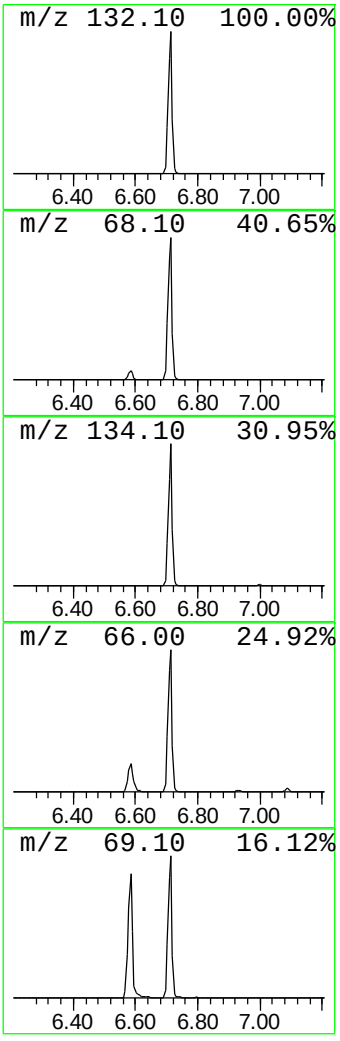
****

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	70.88 ng	1303510	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107308.D
Acq On : 11 Jul 2018 18:52
Operator : JU/SJ
Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

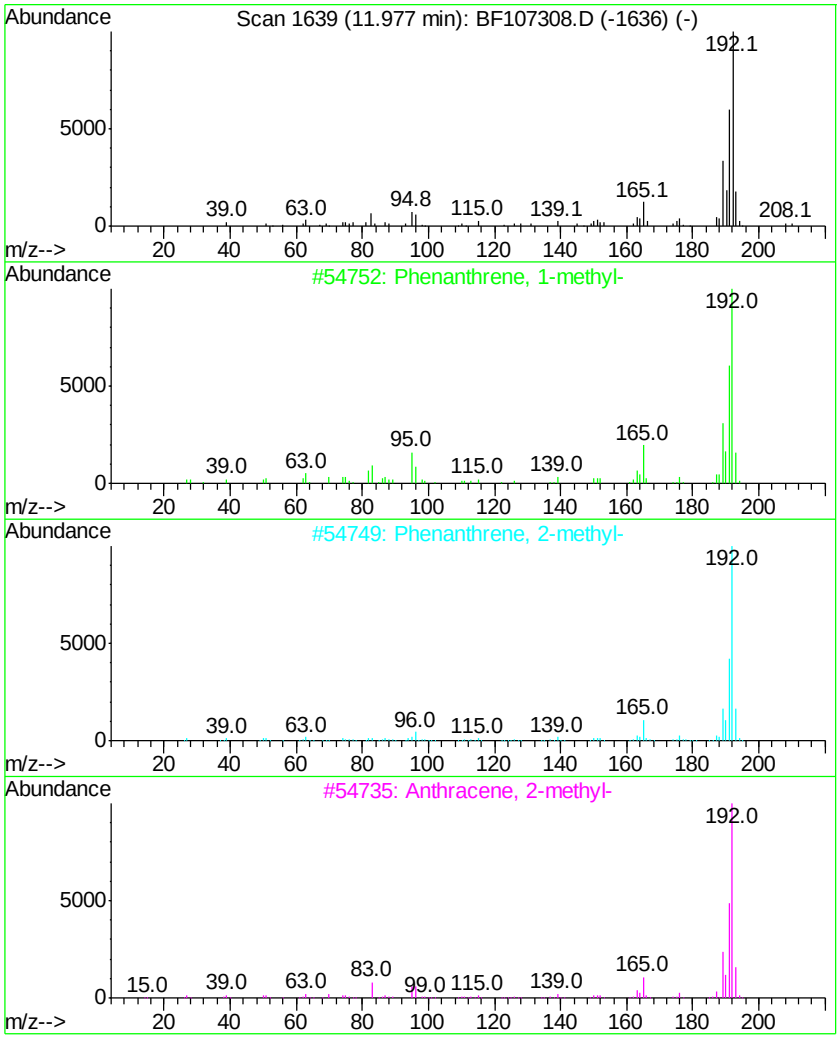
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

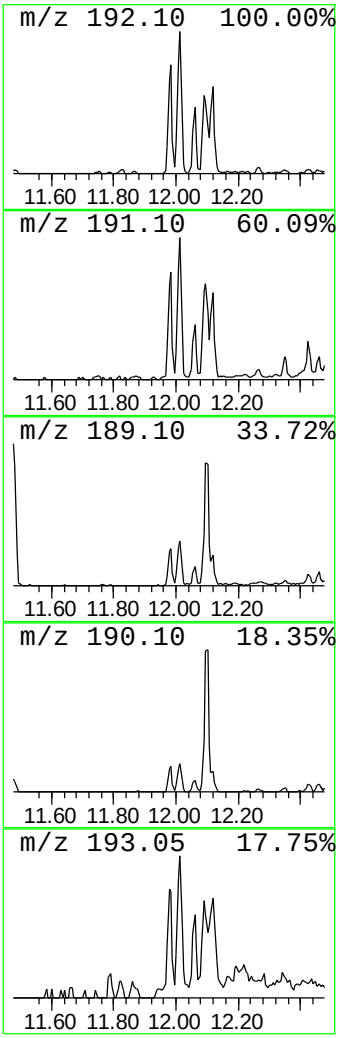
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	3.38 ng	77189	Phenanthrene-d10	11.48

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	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107308.D
Acq On : 11 Jul 2018 18:52
Operator : JU/SJ
Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

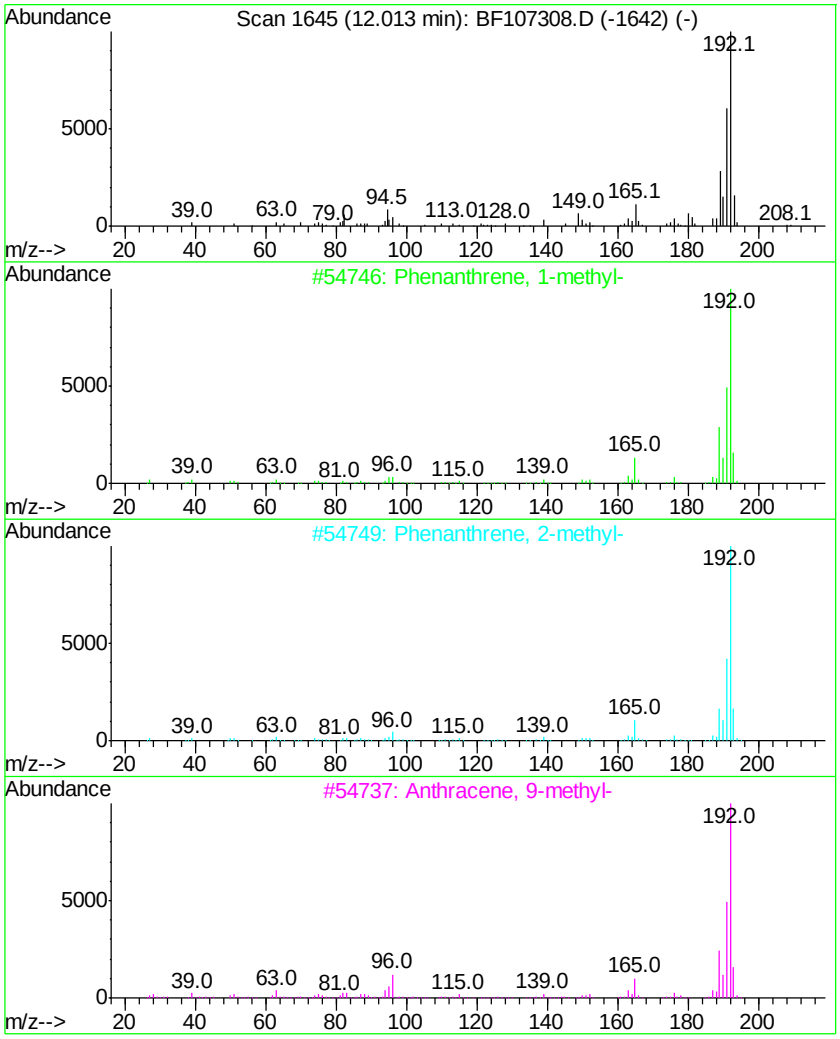
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

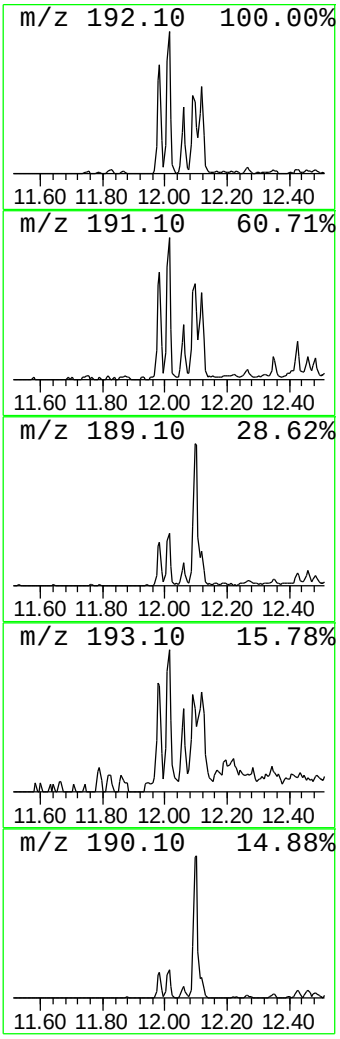
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	4.70 ng	107097	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107308.D
Acq On : 11 Jul 2018 18:52
Operator : JU/SJ
Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

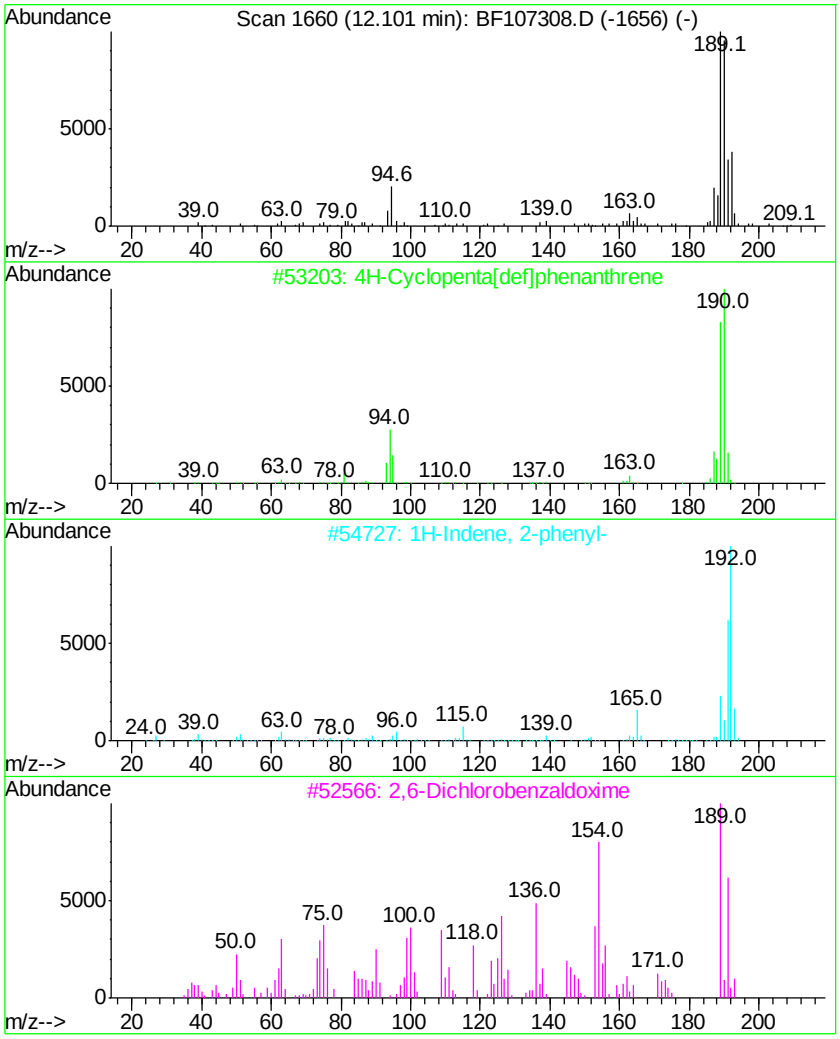
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

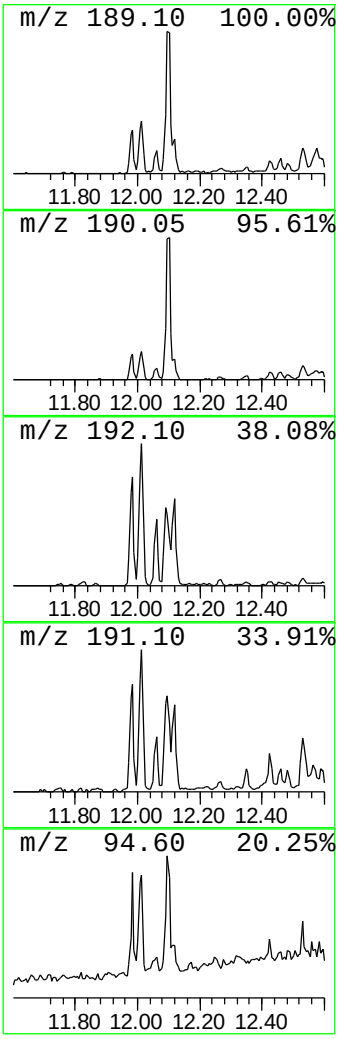
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	6.38 ng	145562	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
3	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107308.D
Acq On : 11 Jul 2018 18:52
Operator : JU/SJ
Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

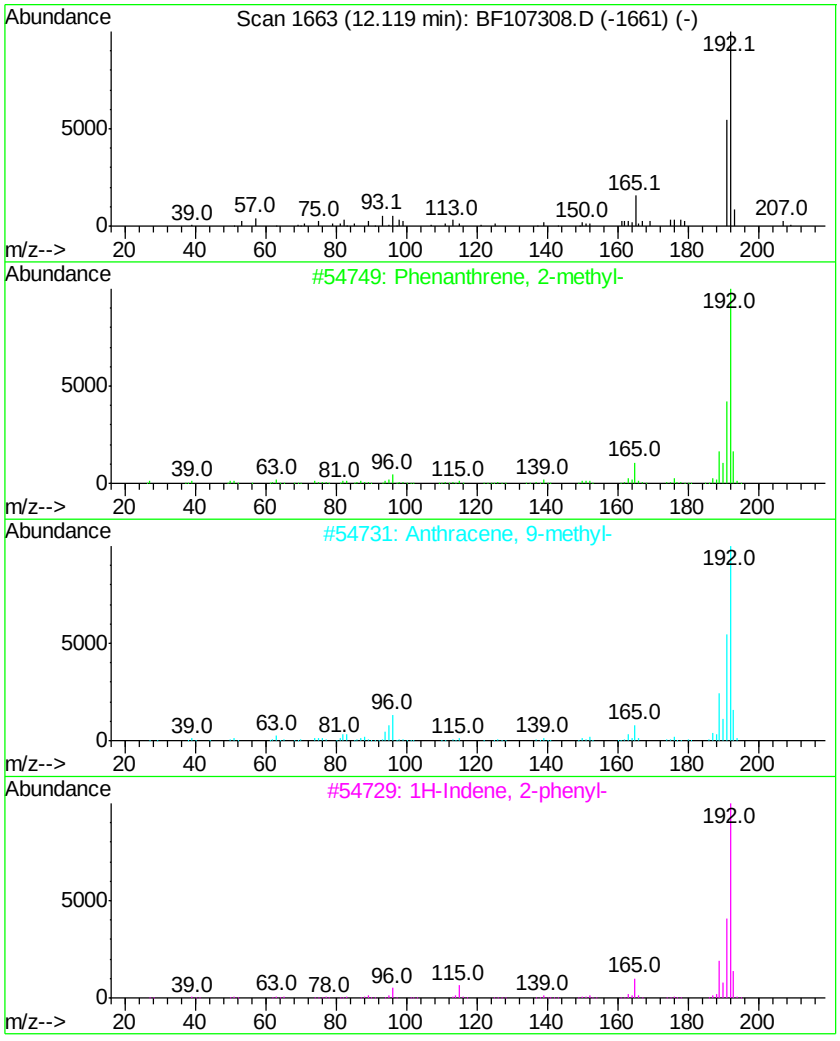
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

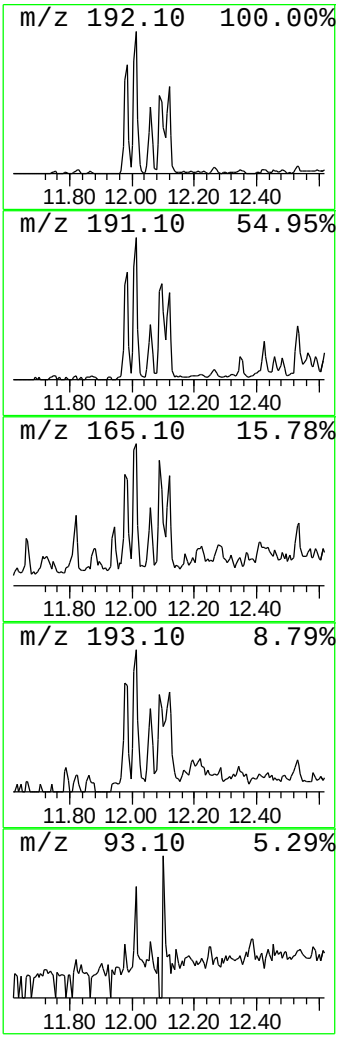
****

Peak Number 7 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.18 ng	49705	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	80





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Acq On : 11 Jul 2018 18:52
Operator : JU/SJ
Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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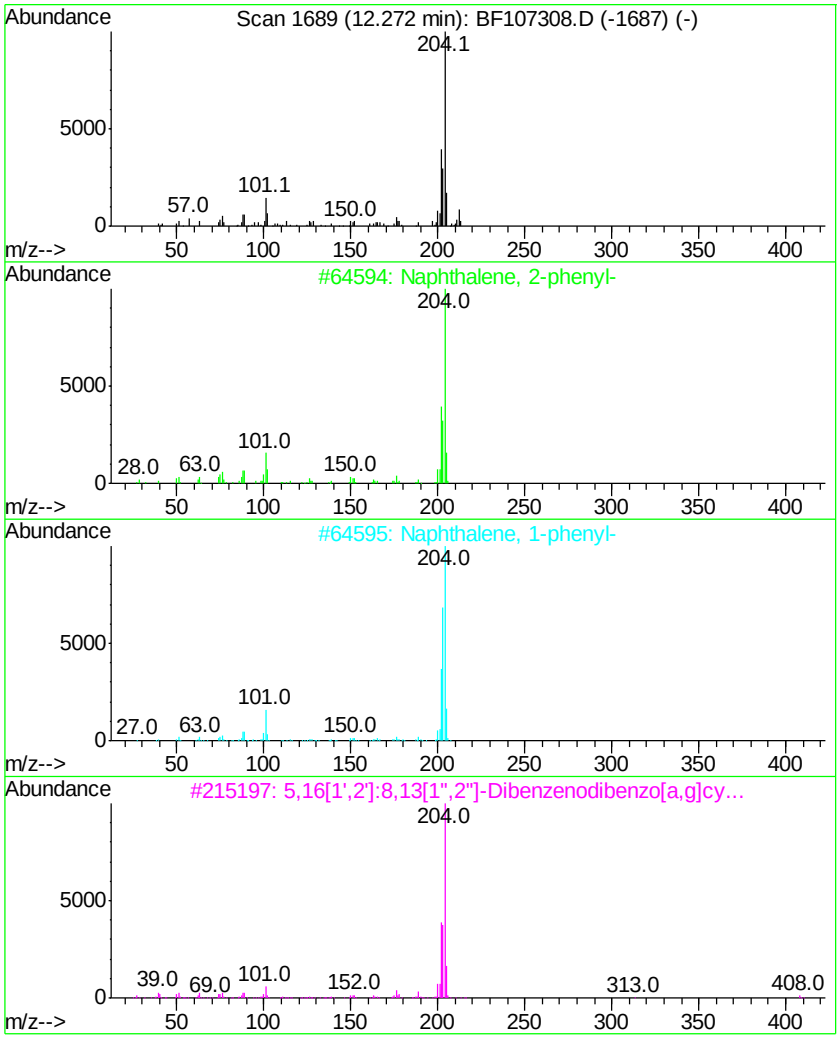
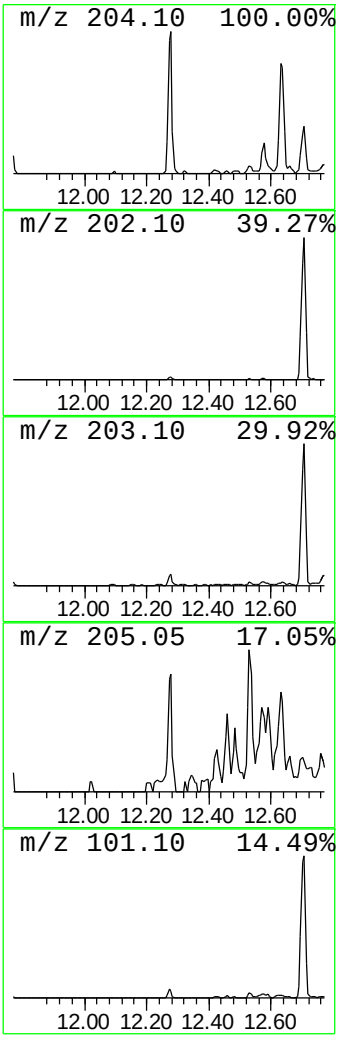
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.71 ng	61755	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
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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Operator : JU/SJ
Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

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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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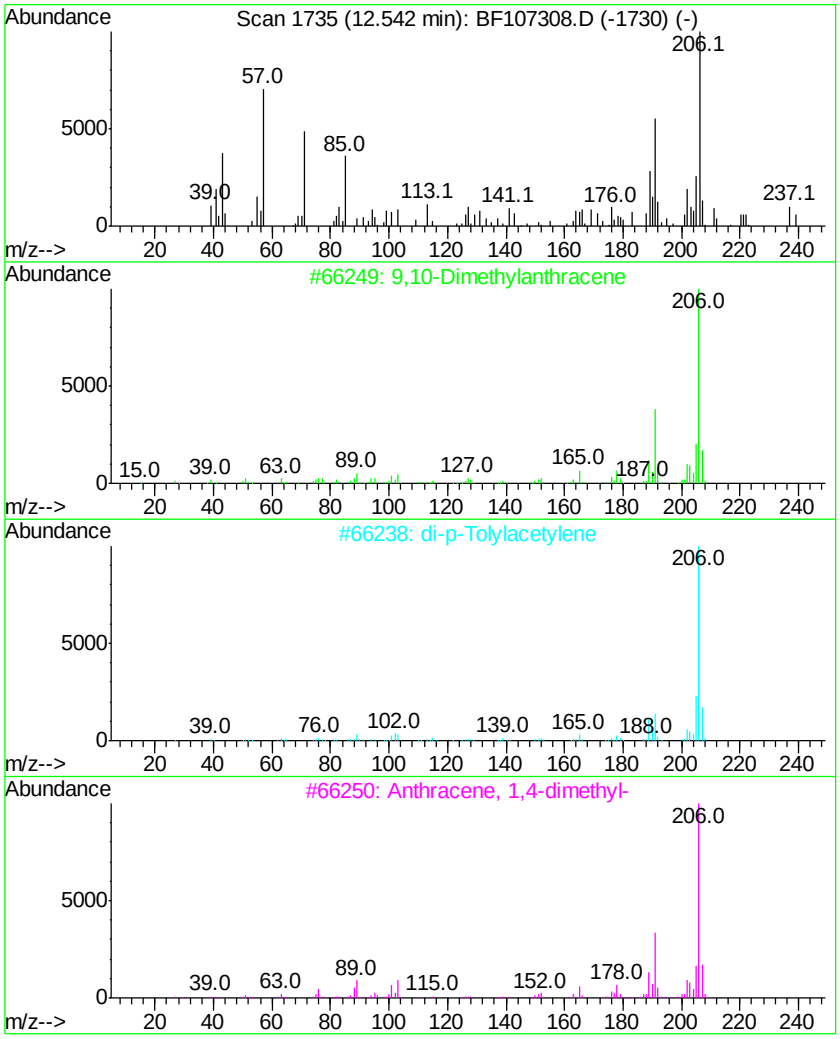
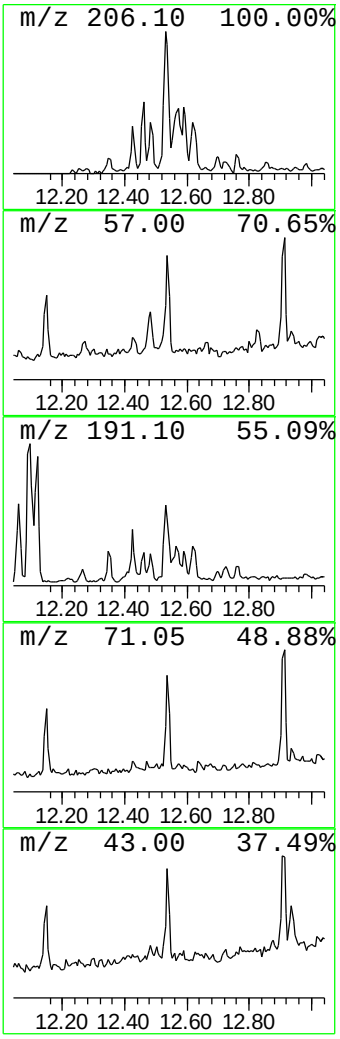
Peak Number 9 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	4.75 ng	108289	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

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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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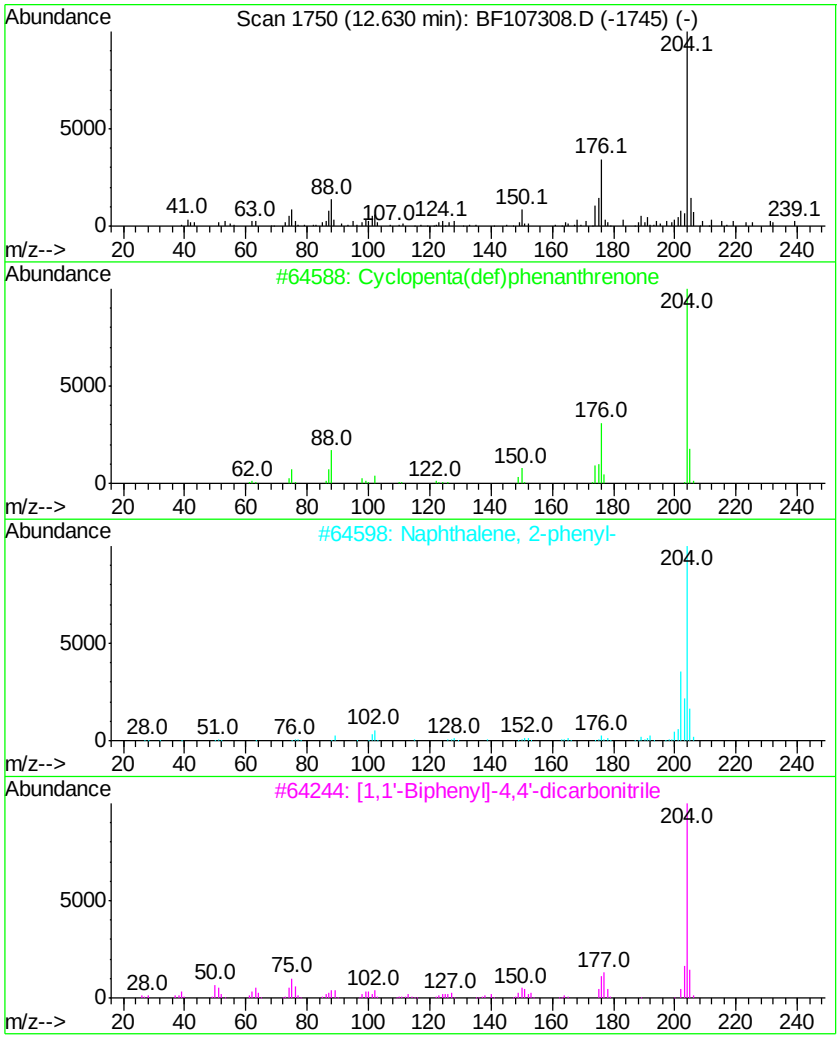
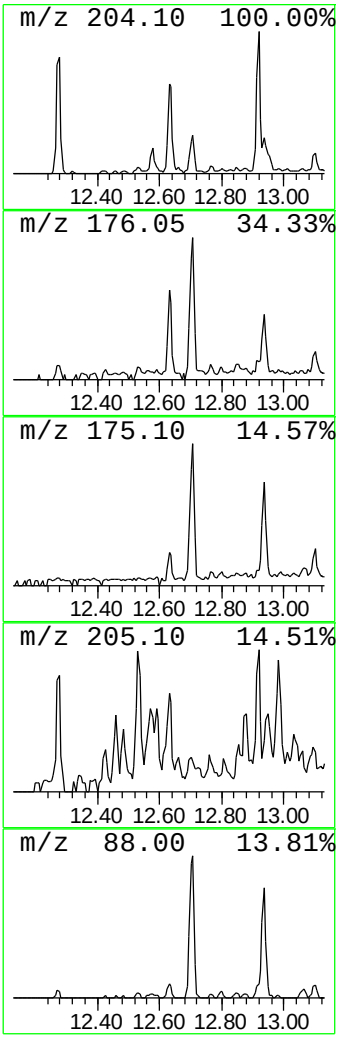
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.38 ng	77096	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	Hydantoin, 5-benzylidene-2-thio-	204	C10H8N2OS	000583-46-0	47
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	46





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

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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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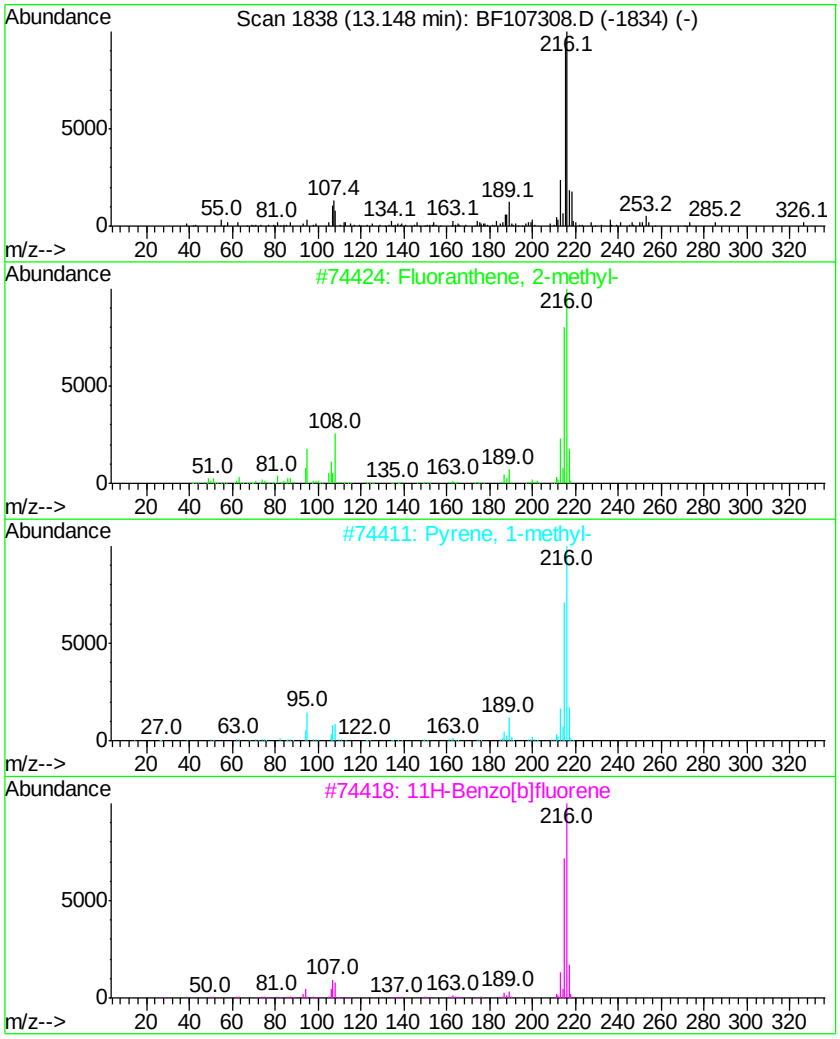
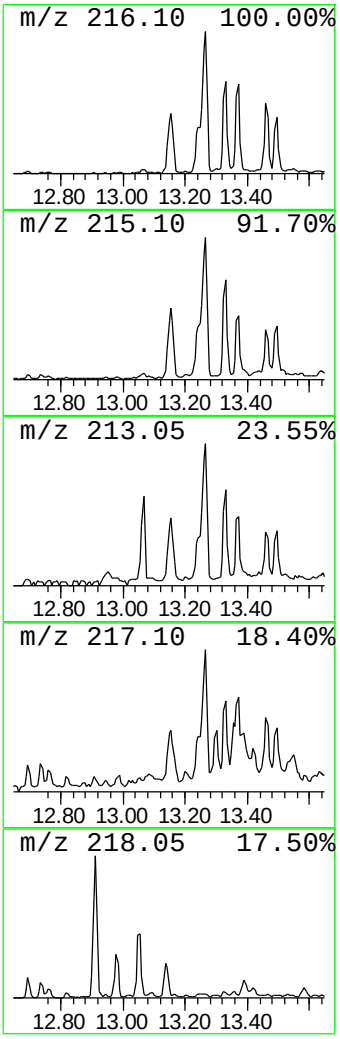
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.06 ng	147925	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Operator : JU/SJ
Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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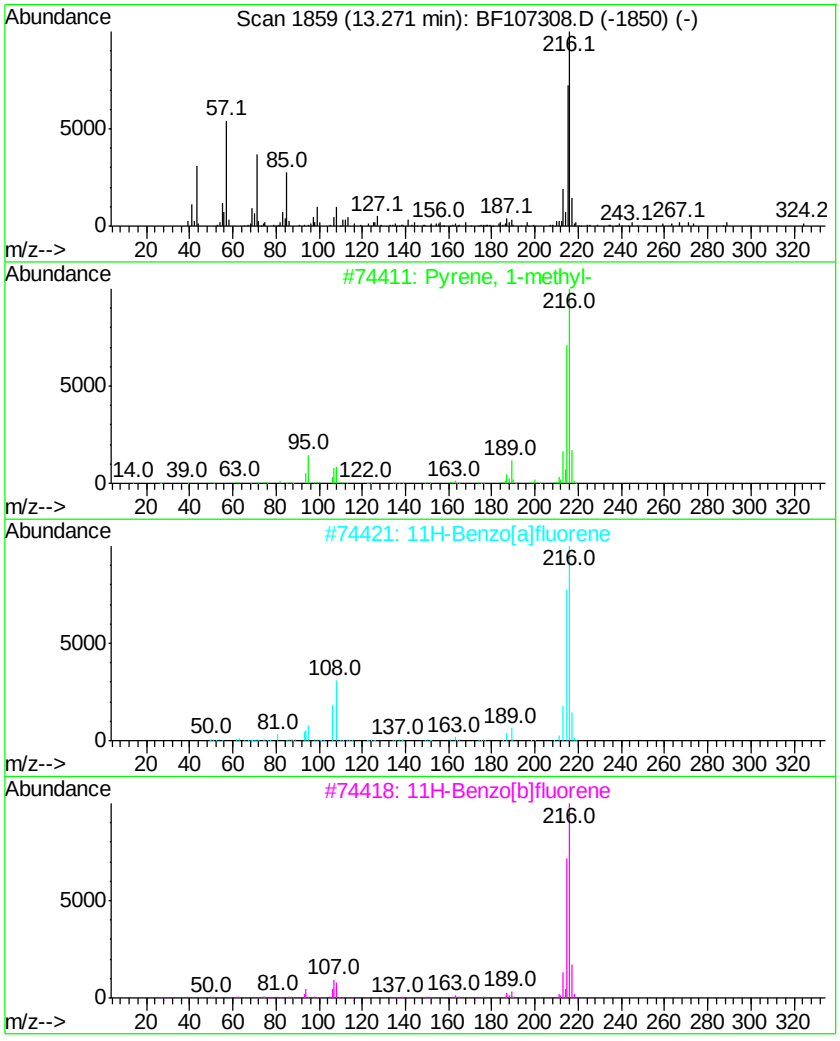
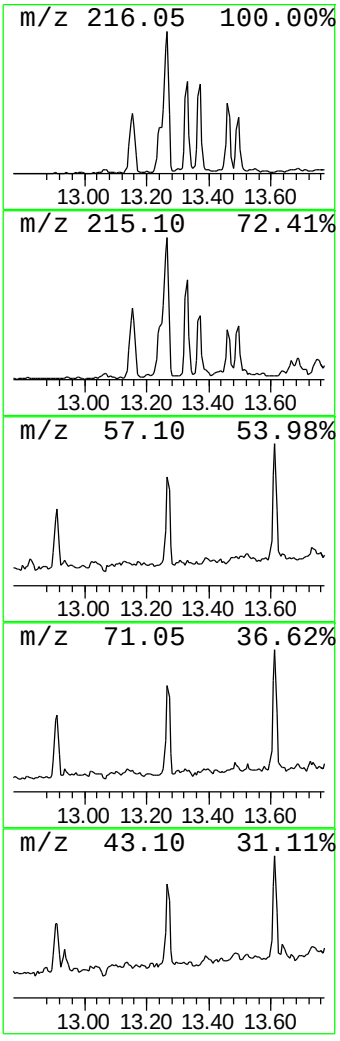
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	6.00 ng	289731	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Acq On : 11 Jul 2018 18:52
Operator : JU/SJ
Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

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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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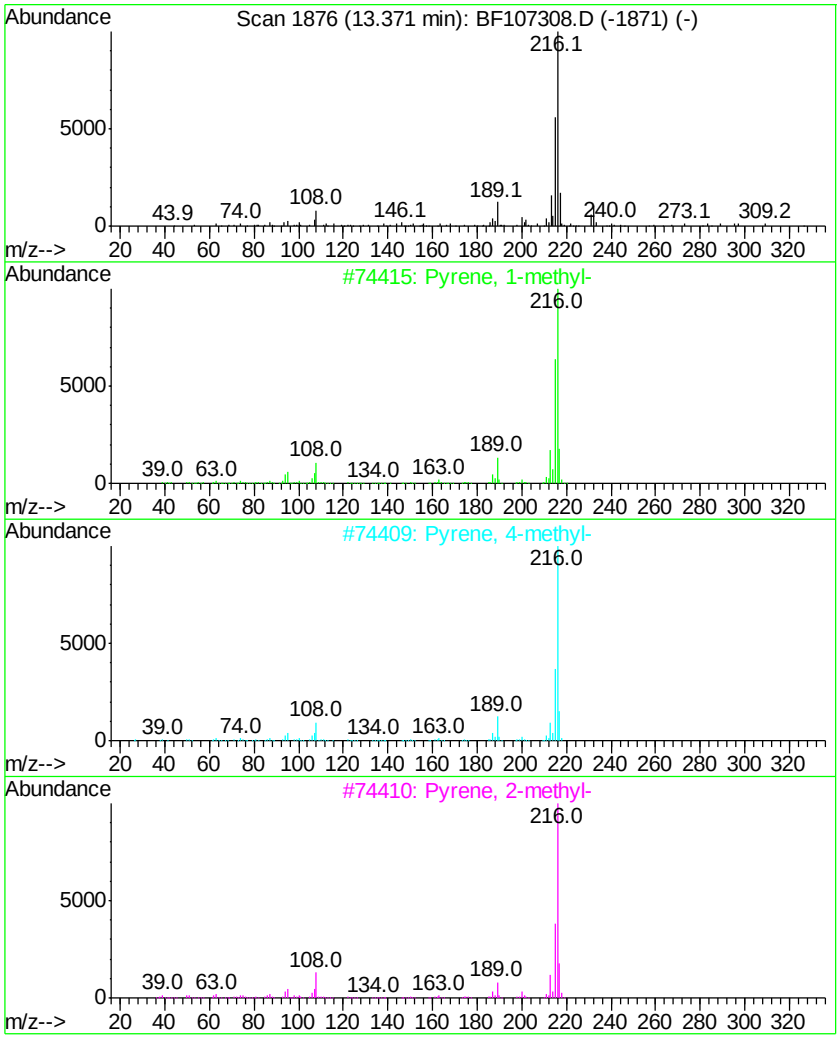
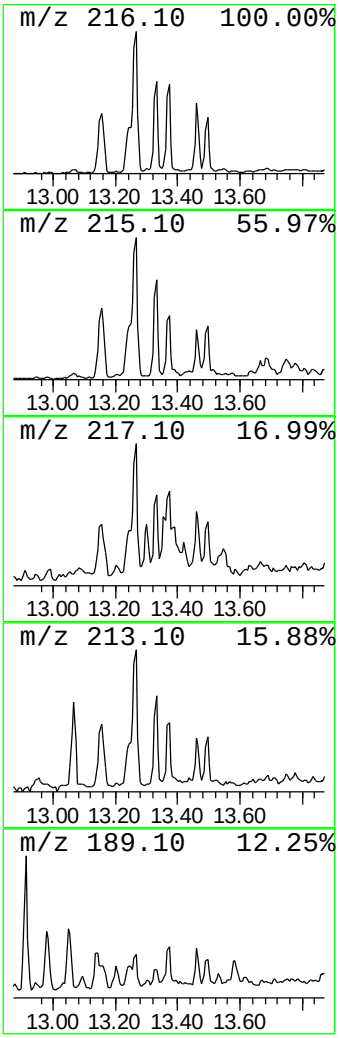
Peak Number 13 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	2.03 ng	97880	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

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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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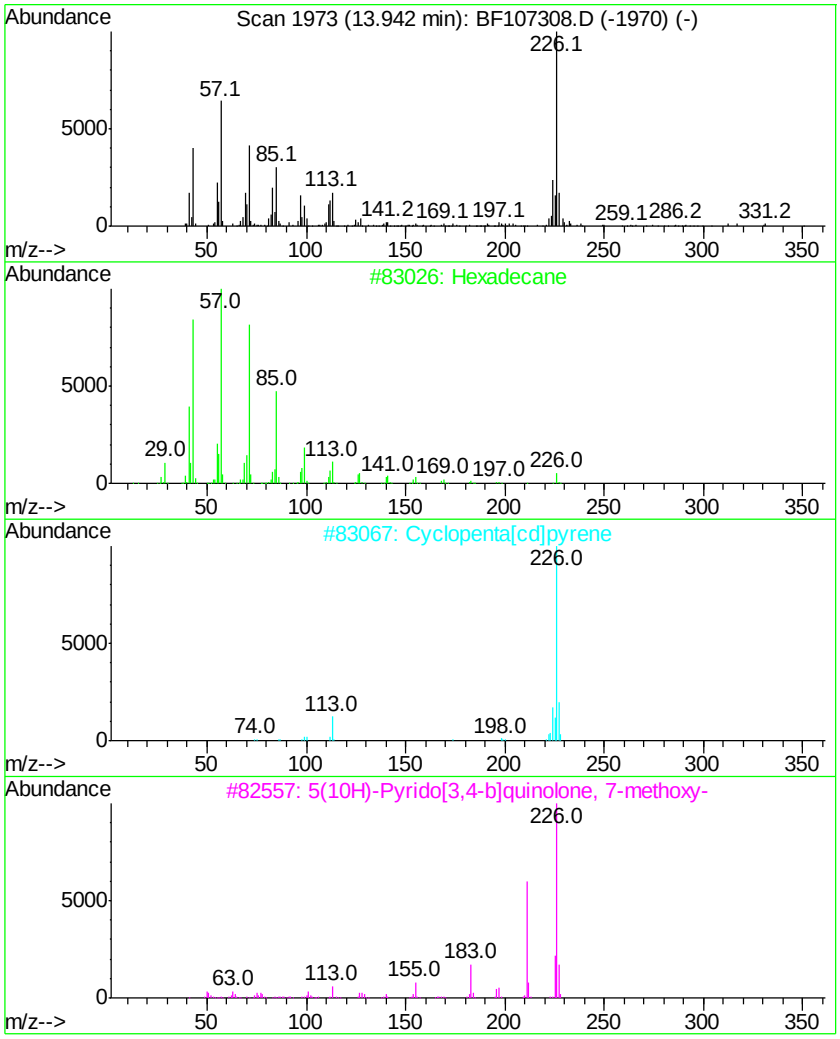
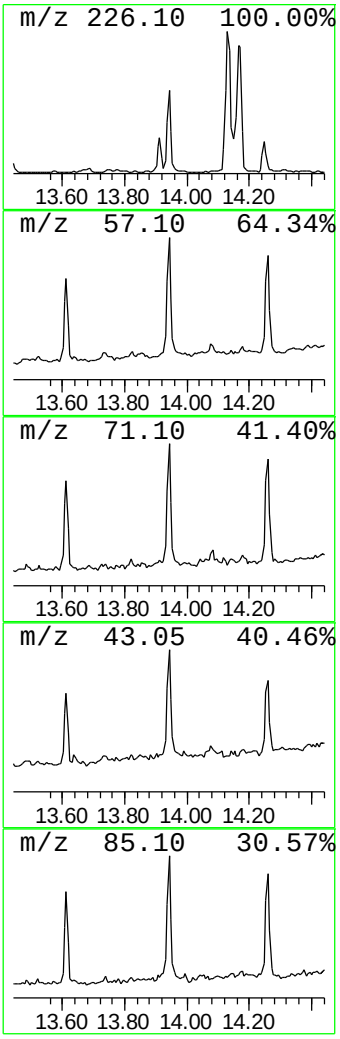
Peak Number 14 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	5.44 ng	262942	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	68
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	52
3	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	43
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	27
5	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	25





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Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

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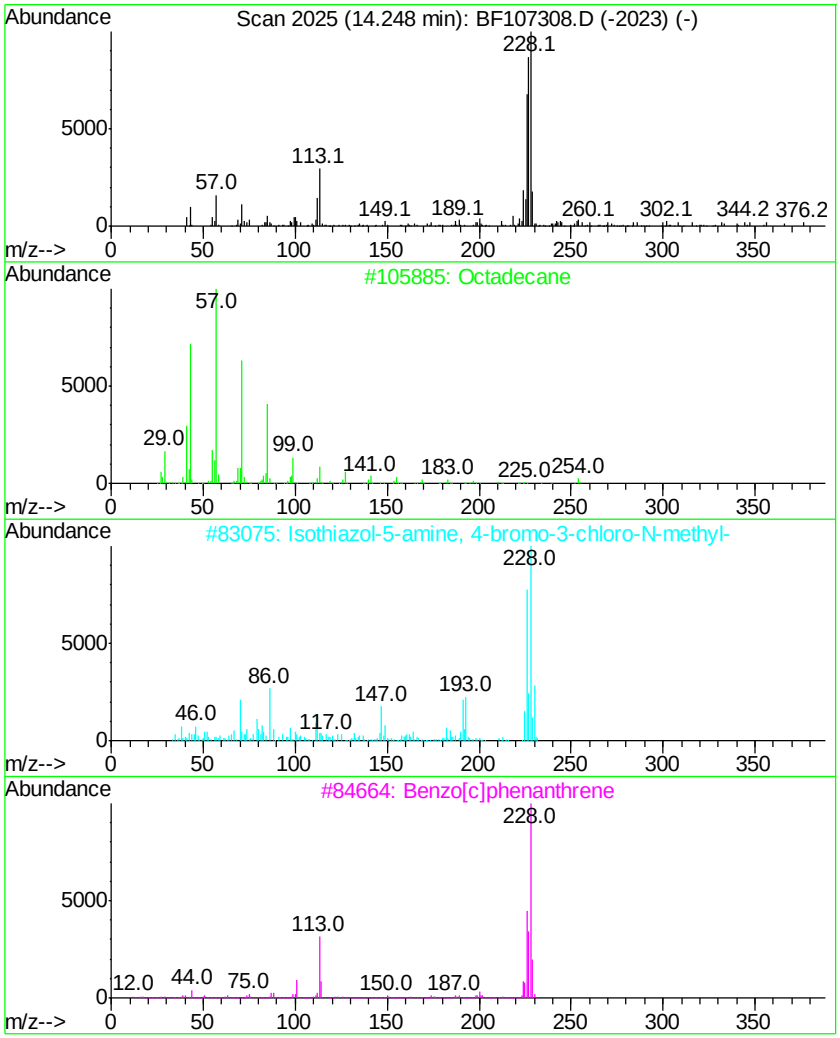
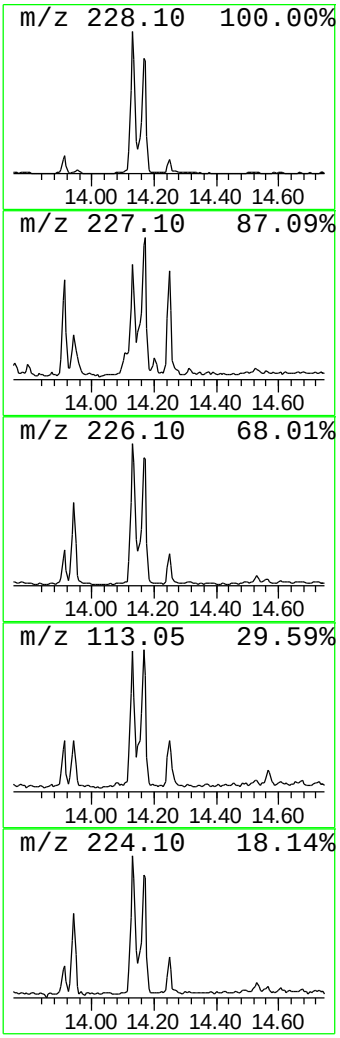
Peak Number 15 unknown14.25 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	3.64 ng	175856	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	45
2	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	38
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
4	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	30
5	Chrysene	228	C18H12	000218-01-9	30





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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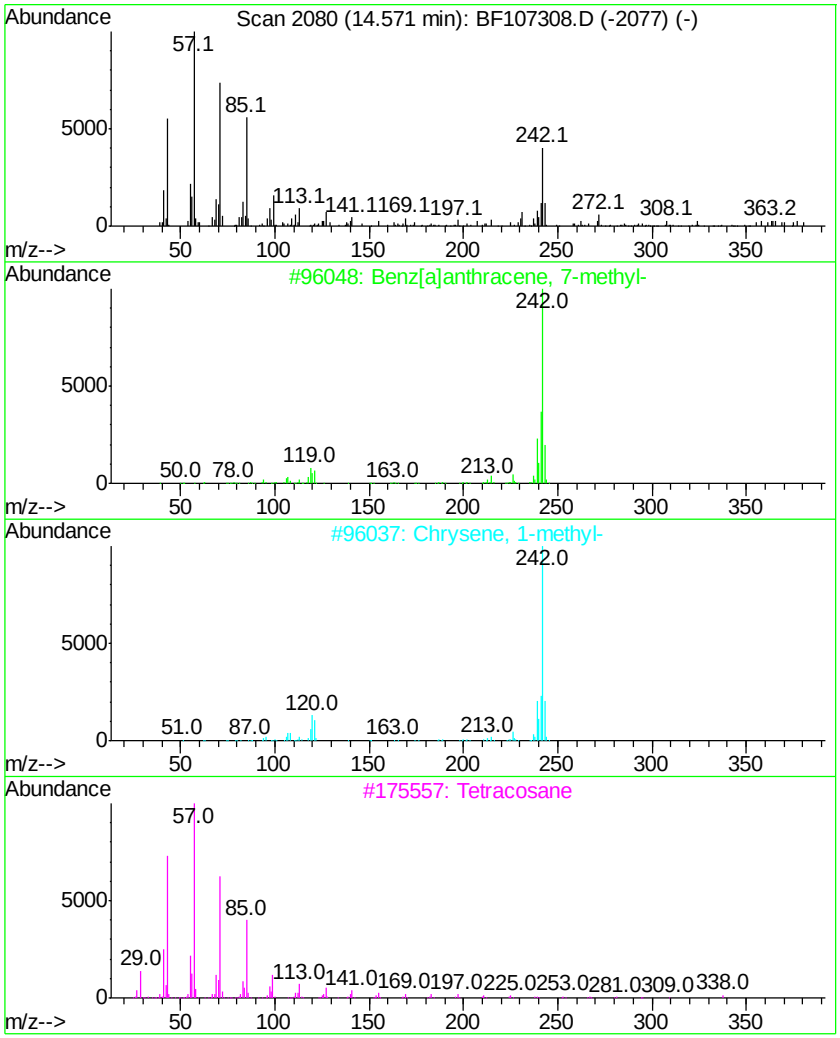
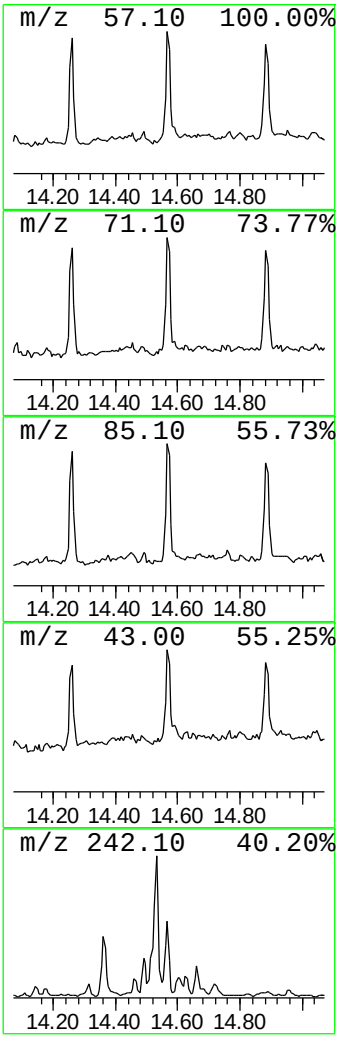
Peak Number 16 Benz[a]anthracene, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.52 ng	121476	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	87
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	81
3	Tetracosane	338	C24H50	000646-31-1	70
4	Benzo[c]phenanthrene, 6-methyl-	242	C19H14	002381-34-2	64
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	64





Library Search Compound Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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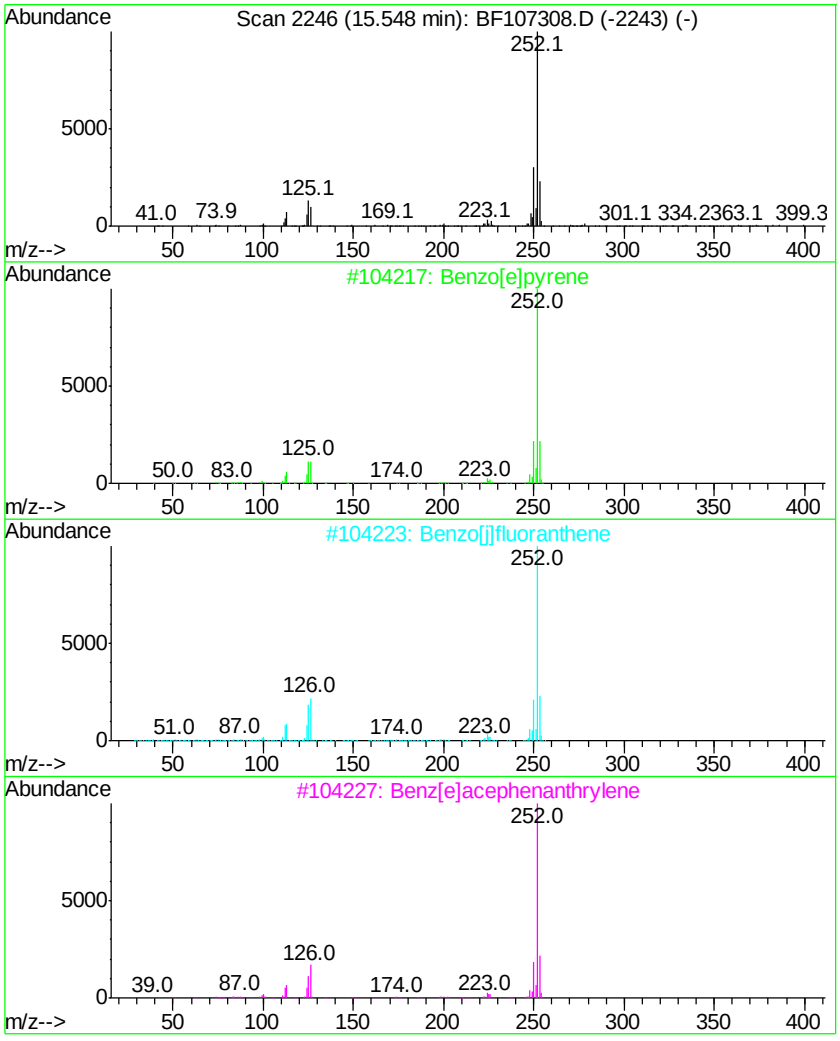
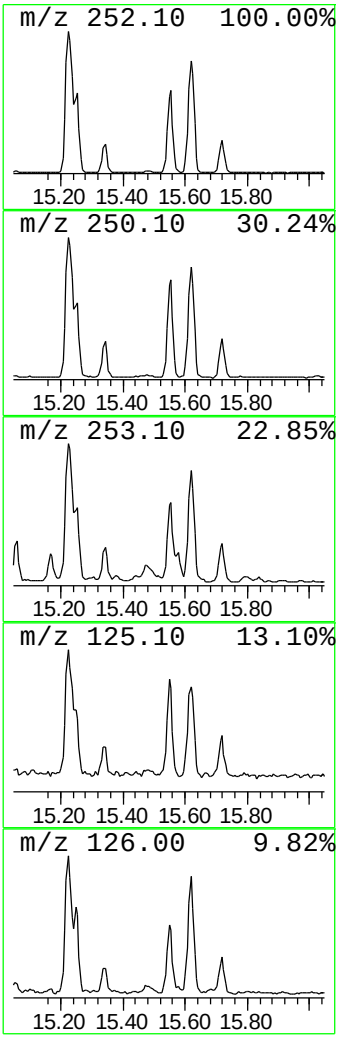
Peak Number 17 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	19.54 ng	233046	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

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Data File : BF107308.D
Acq On : 11 Jul 2018 18:52
Operator : JU/SJ
Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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...	5.17	11.7	ng	214235	1	6.93	367822	20.0
unknown6.71	6.71	70.9	ng	1303510	1	6.93	367822	20.0
Phenanthrene, 1-m...	11.98	3.4	ng	77189	4	11.48	456184	20.0
Phenanthrene, 2-m...	12.01	4.7	ng	107097	4	11.48	456184	20.0
4H-Cyclopenta[def...	12.10	6.4	ng	145562	4	11.48	456184	20.0
Anthracene, 9-met...	12.12	2.2	ng	49705	4	11.48	456184	20.0
Naphthalene, 2-ph...	12.27	2.7	ng	61755	4	11.48	456184	20.0
9,10-Dimethylanth...	12.54	4.8	ng	108289	4	11.48	456184	20.0
Cyclopenta(def)ph...	12.63	3.4	ng	77096	4	11.48	456184	20.0
Fluoranthene, 2-m...	13.15	3.1	ng	147925	5	14.14	965859	20.0
Pyrene, 1-methyl-	13.27	6.0	ng	289731	5	14.14	965859	20.0
Pyrene, 4-methyl-	13.37	2.0	ng	97880	5	14.14	965859	20.0
Hexadecane	13.94	5.4	ng	262942	5	14.14	965859	20.0
unknown14.25	14.25	3.6	ng	175856	5	14.14	965859	20.0
Benz[a]anthracene...	14.57	2.5	ng	121476	5	14.14	965859	20.0
Benzo[e]pyrene	15.55	19.5	ng	233046	6	15.68	238581	20.0