LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106453.D
Acq On : 14 Jun 2018 20:11
Operator : JU/SJ
Sample : J3498-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-S

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-BF061118.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	4.096	294	299	304	rVB	191280	226951	9.35%	0.641%
2	5.201	482	487	495	rVB	196985	221139	9.11%	0.625%
3	5.613	553	557	569	rBV	2216392	2426564	100.00%	6.857%
4	6.607	723	726	737	rBV	2436073	2413562	99.46%	6.820%
5	6.748	746	750	753	rBV	2622049	2340020	96.43%	6.612%
6	6.966	783	787	790	rBV	954639	730534	30.11%	2.064%
7	7.125	810	814	817	rBV	2068182	1883303	77.61%	5.322%
8	7.531	878	883	886	rBV	1575177	1526179	62.89%	4.312%
9	8.248	1001	1005	1008	rBV	1093346	889890	36.67%	2.515%
10	9.325	1183	1188	1191	rBV	2541102	2420247	99.74%	6.839%
11	9.713	1251	1254	1259	rVB	280793	220265	9.08%	0.622%
12	9.866	1277	1280	1285	rBV	39346	32928	1.36%	0.093%
13	9.919	1285	1289	1293	rVV	43448	37473	1.54%	0.106%
14	10.007	1300	1304	1307	rBV	947609	795538	32.78%	2.248%
15	10.036	1307	1309	1313	rVB	156402	123038	5.07%	0.348%
16	10.207	1335	1338	1341	rVB	62026	55626	2.29%	0.157%
17	10.419	1372	1374	1377	rVB	65139	51285	2.11%	0.145%
18	10.554	1394	1397	1402	rVB	132083	107981	4.45%	0.305%
19	10.801	1434	1439	1442	rBV	1354045	1247962	51.43%	3.526%
20	10.895	1452	1455	1463	rBV2	58589	71510	2.95%	0.202%
21	11.101	1485	1490	1493	rBV5	28829	40801	1.68%	0.115%
22	11.301	1521	1524	1527	rVB	48346	40712	1.68%	0.115%
23	11.342	1527	1531	1535	rVV2	48546	47935	1.98%	0.135%
24	11.395	1538	1540	1543	rVB	73394	54095	2.23%	0.153%
25	11.501	1554	1558	1559	rBV	800274	723178	29.80%	2.043%
26	11.524	1559	1562	1565	rVV	1150659	1003265	41.35%	2.835%
27	11.572	1565	1570	1573	rVV	304255	258241	10.64%	0.730%
28	11.607	1573	1576	1579	rVB2	26316	26476	1.09%	0.075%
29	11.730	1592	1597	1601	rBV2	131259	133037	5.48%	0.376%
30	11.830	1611	1614	1618	rBV2	28471	25988	1.07%	0.073%
31	12.001	1638	1643	1645	rBV	124544	114385	4.71%	0.323%
32	12.024	1645	1647	1651	rVB	165047	149072	6.14%	0.421%
33	12.077	1652	1656	1658	rVV	60718	55663	2.29%	0.157%
34	12.113	1658	1662	1664	rVV	229096	231418	9.54%	0.654%

LSC Area Percent Report

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Acq On : 14 Jun 2018 20:11
Operator : JU/SJ
Sample : J3498-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-S

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-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.136	1664	1666	1669	rVB	81592	62213	2.56%	0.176%
36	12.295	1690	1693	1695	rBV	118103	93962	3.87%	0.266%
37	12.319	1695	1697	1704	rVB2	99625	88930	3.66%	0.251%
38	12.442	1713	1718	1721	rBV3	29304	39789	1.64%	0.112%
39	12.548	1733	1736	1740	rBV2	64148	82843	3.41%	0.234%
40	12.636	1748	1751	1756	rVB	80799	82049	3.38%	0.232%
41	12.718	1761	1765	1768	rBV	1925622	1681344	69.29%	4.751%
42	12.777	1773	1775	1778	rVB2	45877	34371	1.42%	0.097%
43	12.807	1778	1780	1783	rBV	27671	25125	1.04%	0.071%
44	12.836	1783	1785	1787	rBV2	27185	31427	1.30%	0.089%
45	12.866	1787	1790	1793	rVV2	56777	54836	2.26%	0.155%
46	12.948	1801	1804	1809	rVB	1608670	1503824	61.97%	4.249%
47	12.989	1809	1811	1815	rVB2	88146	84199	3.47%	0.238%
48	13.083	1816	1827	1830	rBV	2528918	2376126	97.92%	6.714%
49	13.154	1836	1839	1844	rBV2	101260	176553	7.28%	0.499%
50	13.195	1844	1846	1849	rVV	44596	38660	1.59%	0.109%
51	13.248	1851	1855	1856	rVV4	81610	94758	3.91%	0.268%
52	13.271	1856	1859	1862	rVB	258717	223826	9.22%	0.632%
53	13.301	1862	1864	1867	rBV2	32271	27838	1.15%	0.079%
54	13.336	1867	1870	1873	rBV2	168596	146207	6.03%	0.413%
55	13.377	1873	1877	1879	rBV2	151821	167640	6.91%	0.474%
56	13.401	1879	1881	1884	rVB2	84735	65586	2.70%	0.185%
57	13.430	1884	1886	1890	rBV2	33777	32990	1.36%	0.093%
58	13.471	1890	1893	1895	rBV	66600	62260	2.57%	0.176%
59	13.501	1895	1898	1901	rBV2	80096	73222	3.02%	0.207%
60	13.777	1938	1945	1950	rBV	157095	219723	9.05%	0.621%
61	13.895	1960	1965	1967	rBV2	162304	197045	8.12%	0.557%
62	13.924	1967	1970	1972	rVV	149995	143046	5.90%	0.404%
63	13.948	1972	1974	1975	rVV	141501	124930	5.15%	0.353%
64	13.989	1979	1981	1984	rVB	169709	144333	5.95%	0.408%
65	14.113	2000	2002	2003	rBV2	78513	63190	2.60%	0.179%
66	14.142	2003	2007	2011	rVV2	1235790	1903675	78.45%	5.379%
67	14.177	2011	2013	2018	rVB	829524	708904	29.21%	2.003%
68	14.254	2024	2026	2029	rBV	141073	112939	4.65%	0.319%
69	14.295	2031	2033	2036	rVV2	44170	38166	1.57%	0.108%
70	14.377	2043	2047	2050	rBV2	80781	95197	3.92%	0.269%
71	14.542	2072	2075	2077	rVB	116148	106702	4.40%	0.302%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3498-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-S

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.571	2078	2080	2084	rVB2	59515	59416	2.45%	0.168%
73	14.671	2095	2097	2099	rBV	58880	43025	1.77%	0.122%
74	14.912	2135	2138	2142	rVB2	80765	79303	3.27%	0.224%
75	15.230	2187	2192	2195	rBV	533962	863369	35.58%	2.440%
76	15.342	2208	2211	2215	rBV	94800	95168	3.92%	0.269%
77	15.554	2243	2247	2252	rVB	280680	388347	16.00%	1.097%
78	15.618	2253	2258	2264	rBV	445572	549298	22.64%	1.552%
79	15.683	2265	2269	2272	rVV	429839	535888	22.08%	1.514%
80	15.718	2272	2275	2282	rVB	127488	171908	7.08%	0.486%
81	17.242	2529	2534	2544	rVB2	175214	367977	15.16%	1.040%
82	17.724	2610	2616	2628	rVB	132944	301854	12.44%	0.853%

Sum of corrected areas: 35390242

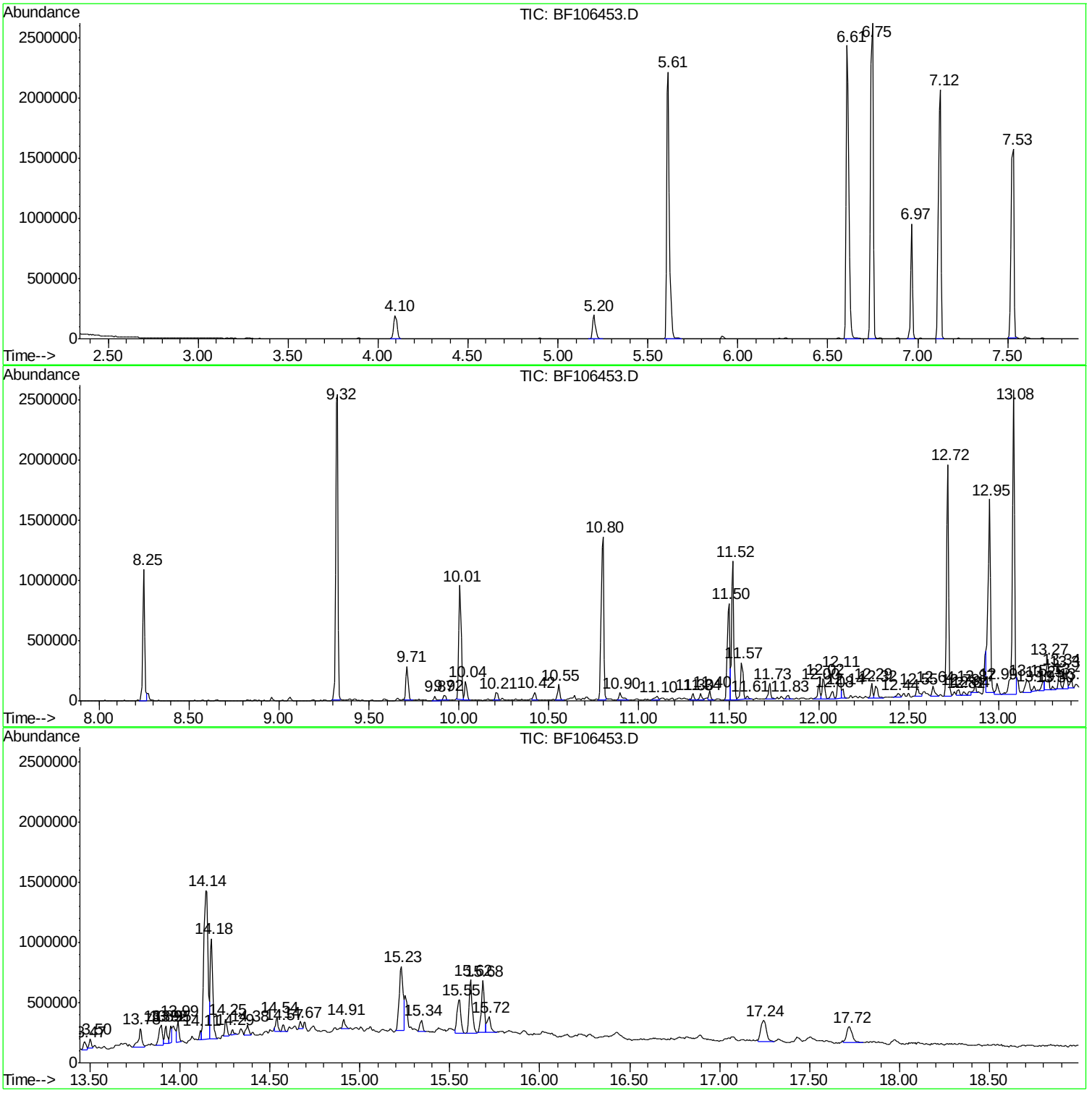
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106453.D
Acq On : 14 Jun 2018 20:11
Operator : JU/SJ
Sample : J3498-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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\BF061418\
Data File : BF106453.D
Acq On : 14 Jun 2018 20:11
Operator : JU/SJ
Sample : J3498-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

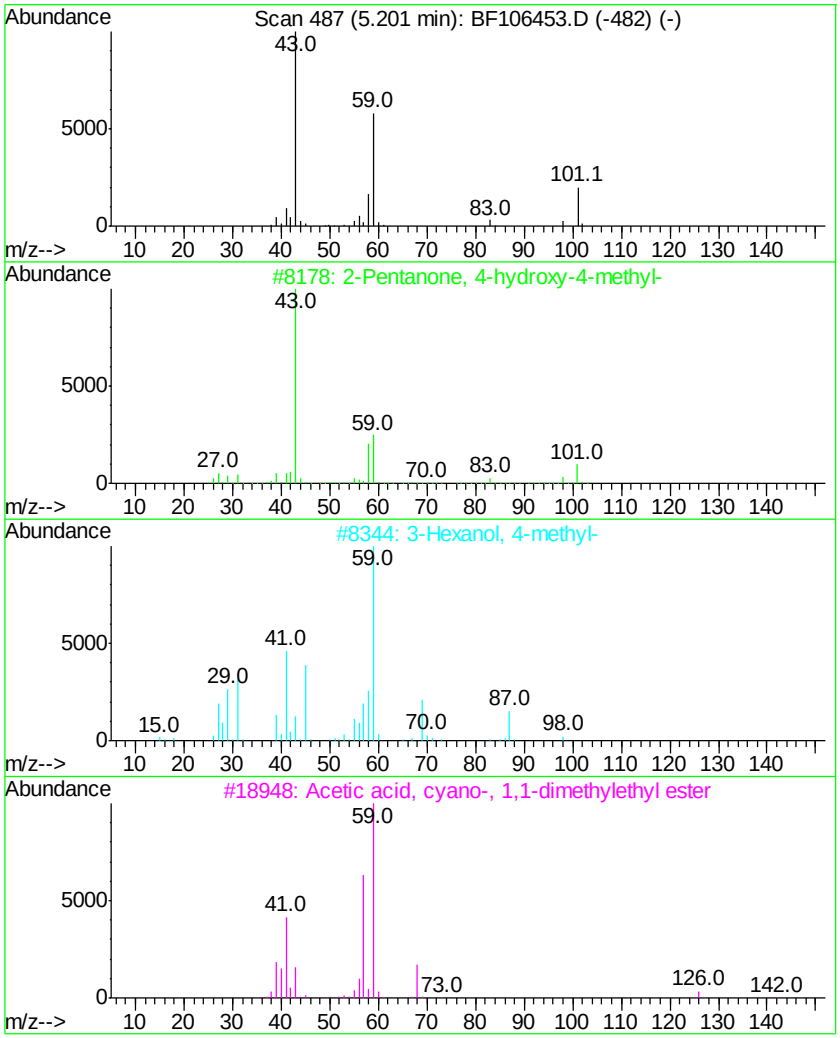
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

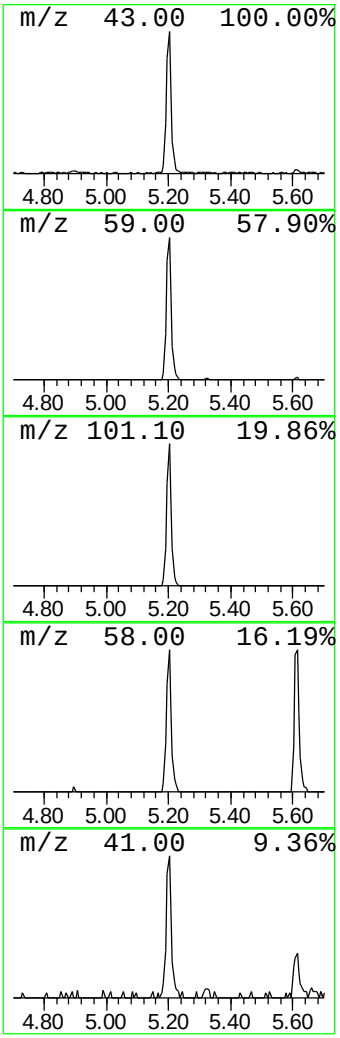
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	6.05 ng	221139	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	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106453.D
Acq On : 14 Jun 2018 20:11
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

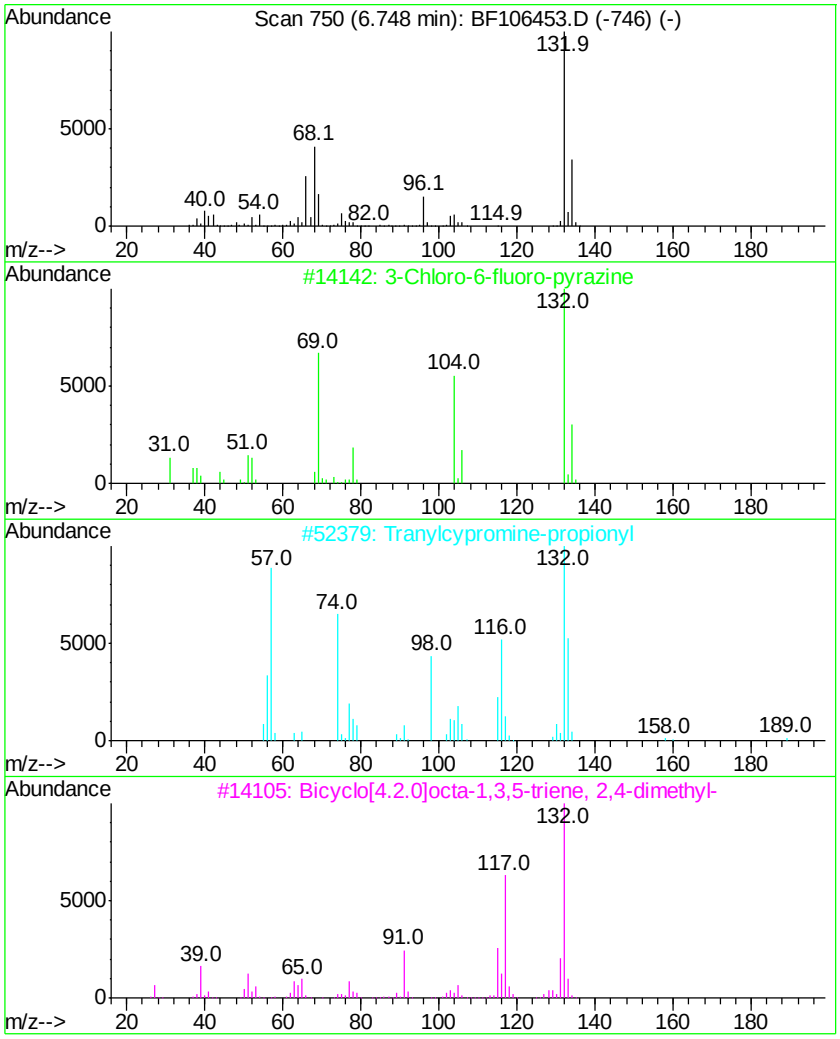
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

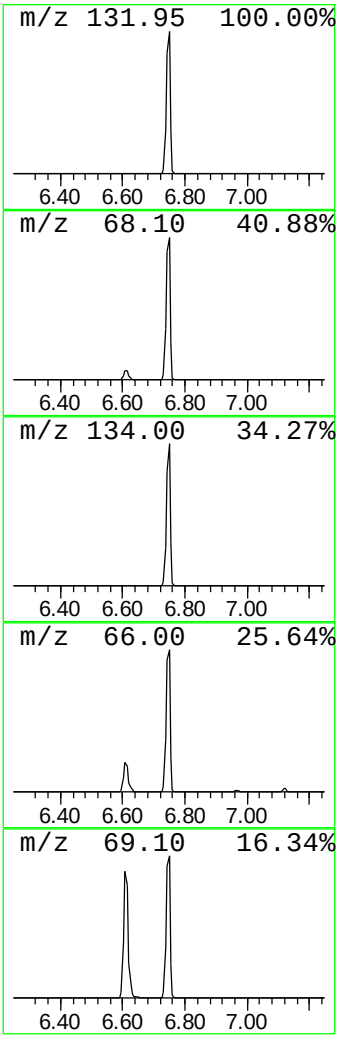
****

Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	64.06 ng	2340020	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	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

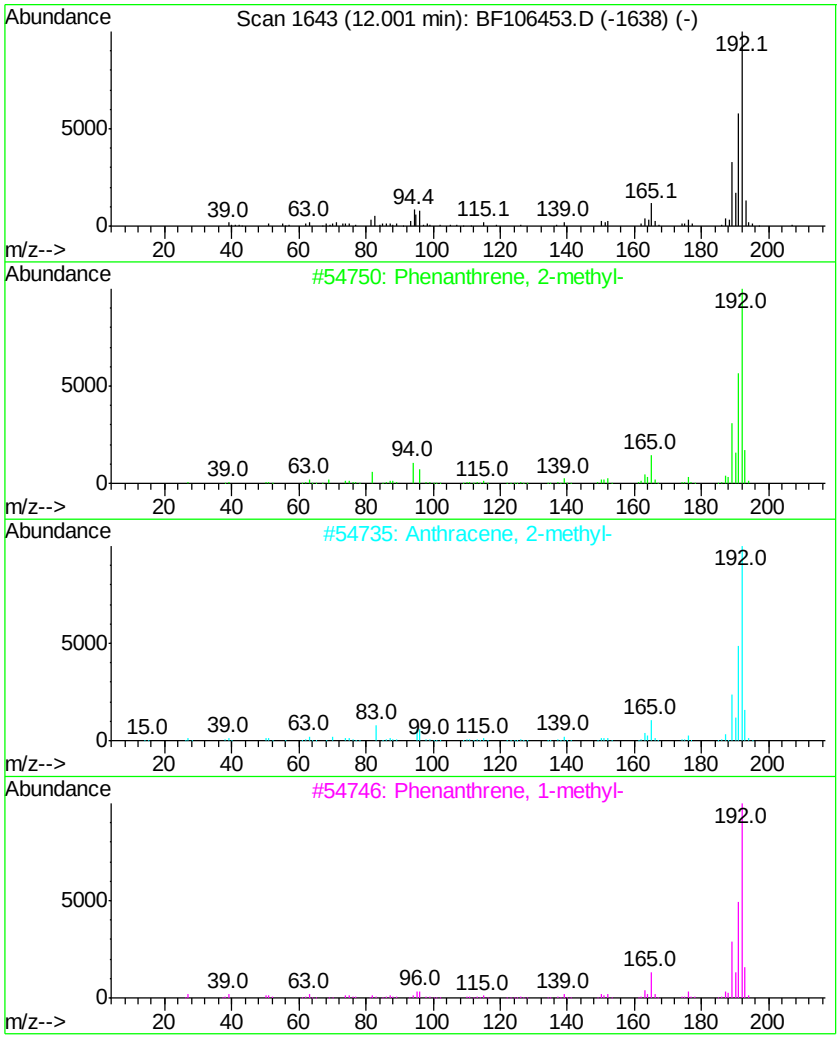
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

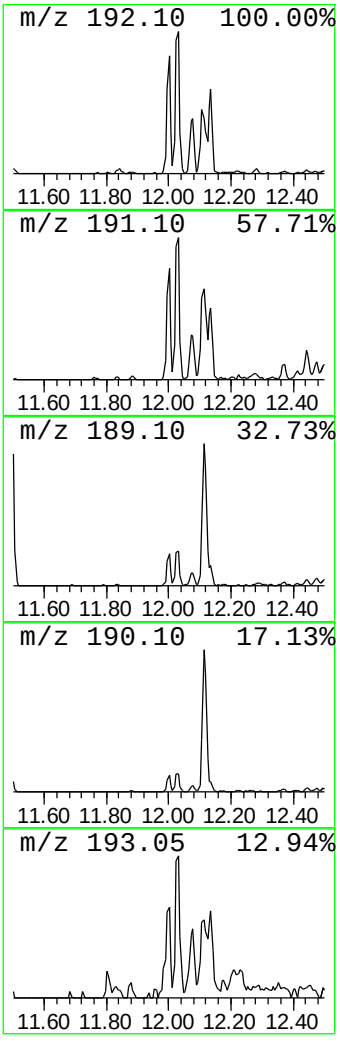
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.16 ng	114385	Phenanthrene-d10	11.50

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, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106453.D
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ALS Vial : 19 Sample Multiplier: 1

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

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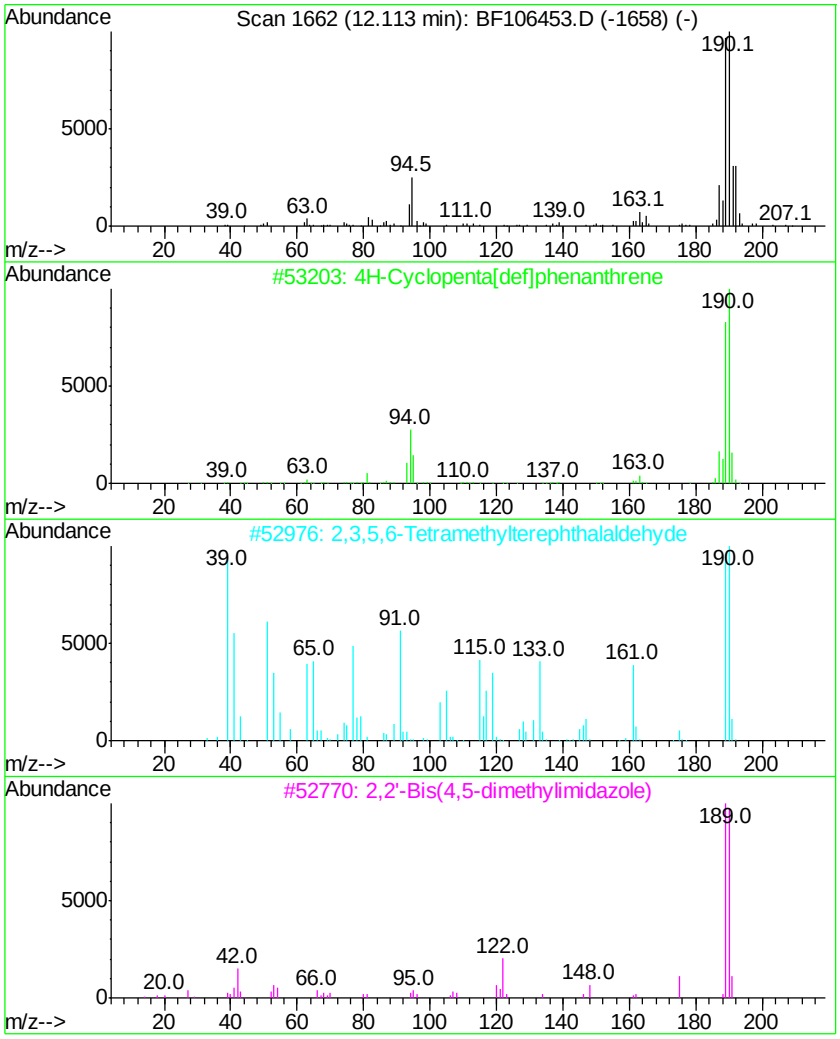
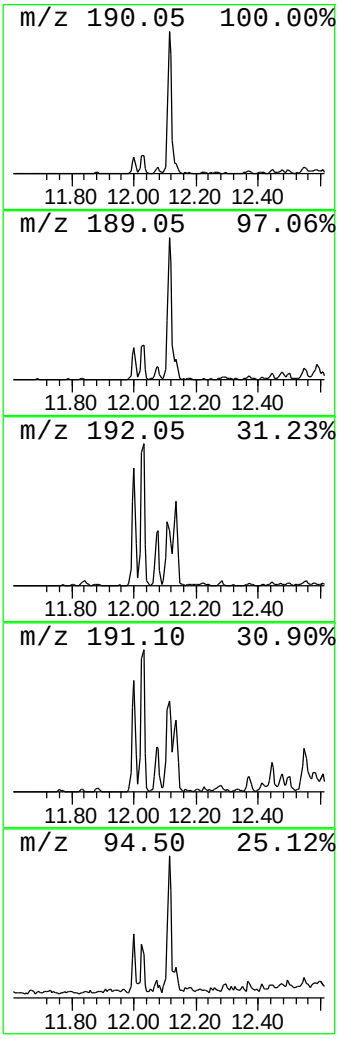
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	6.40 ng	231418	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106453.D
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Operator : JU/SJ
Sample : J3498-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

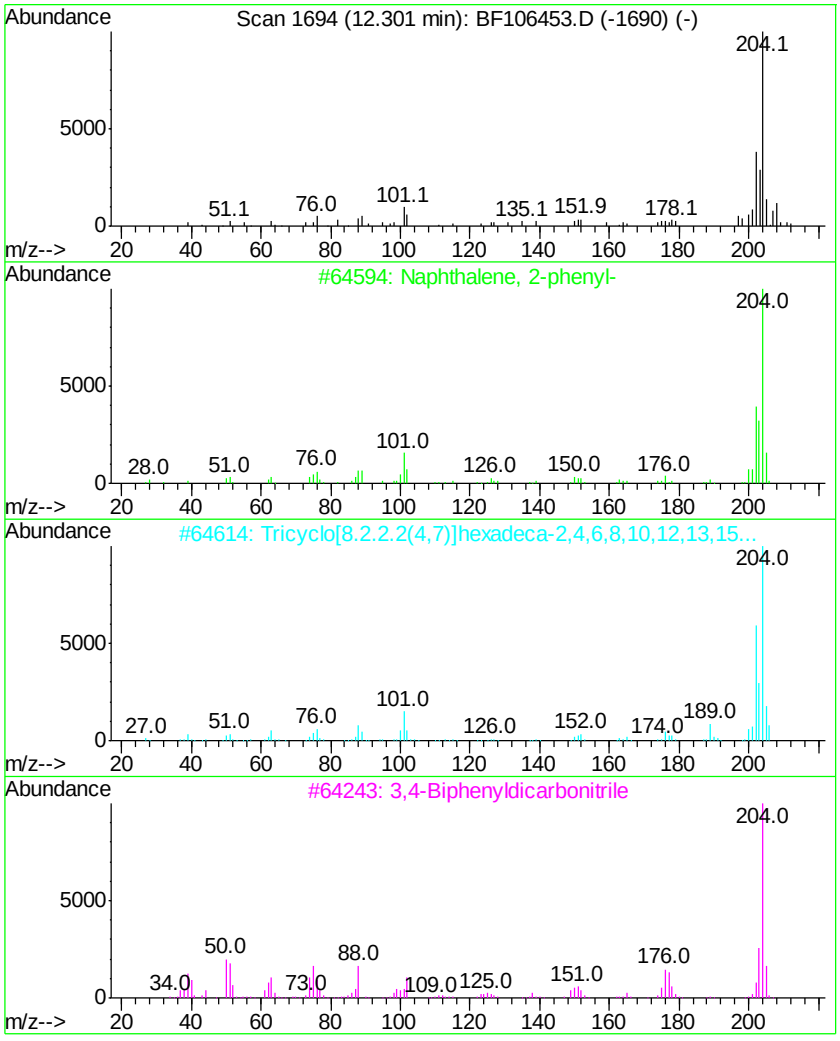
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

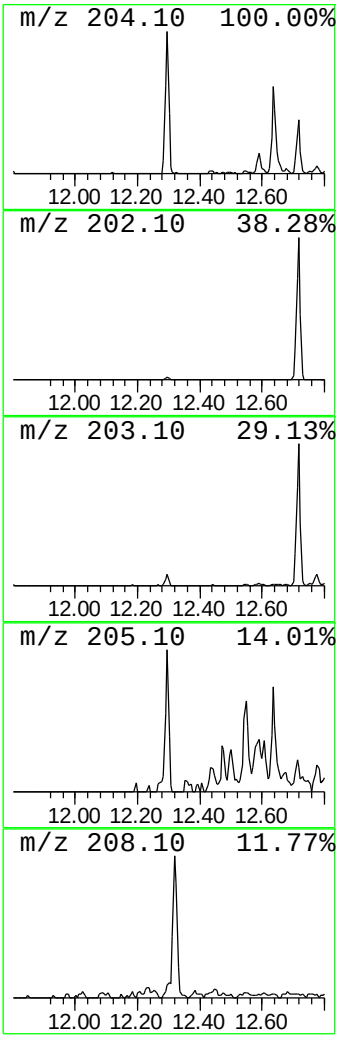
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.60 ng	93962	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106453.D
Acq On : 14 Jun 2018 20:11
Operator : JU/SJ
Sample : J3498-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

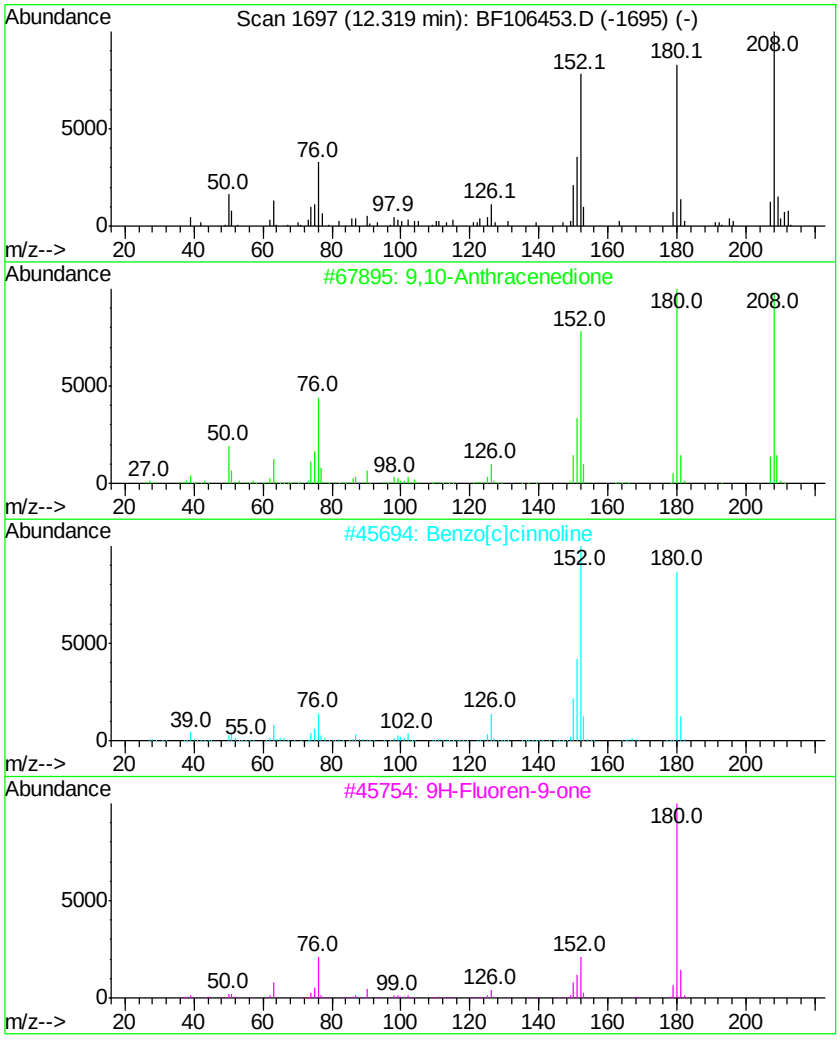
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

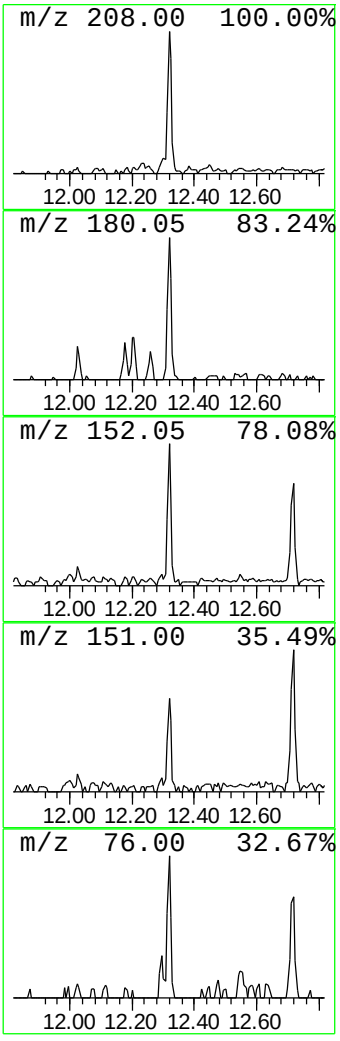
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.46 ng	88930	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	80
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78





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Data File : BF106453.D
Acq On : 14 Jun 2018 20:11
Operator : JU/SJ
Sample : J3498-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

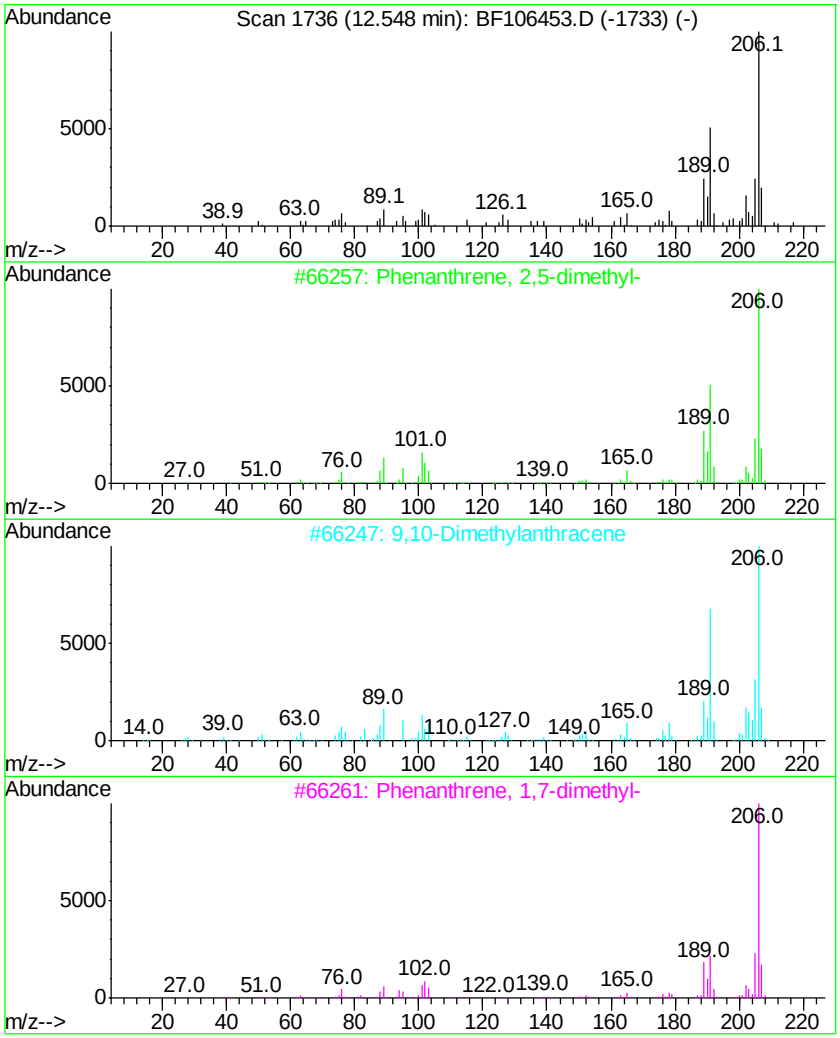
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

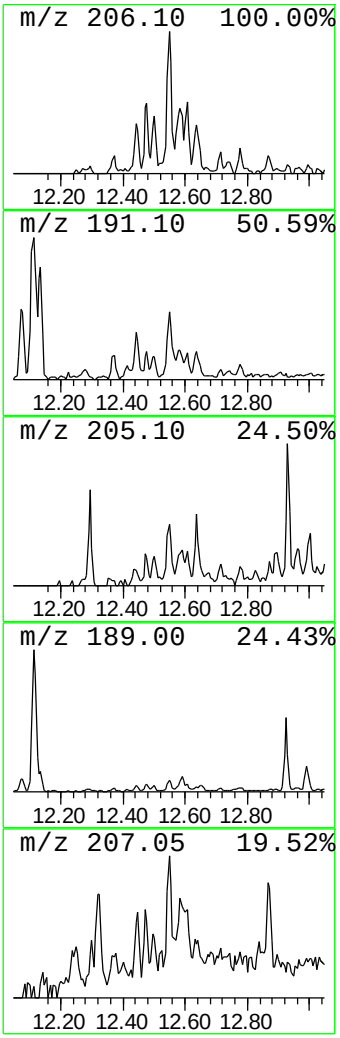
****

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.29 ng	82843	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Sample : J3498-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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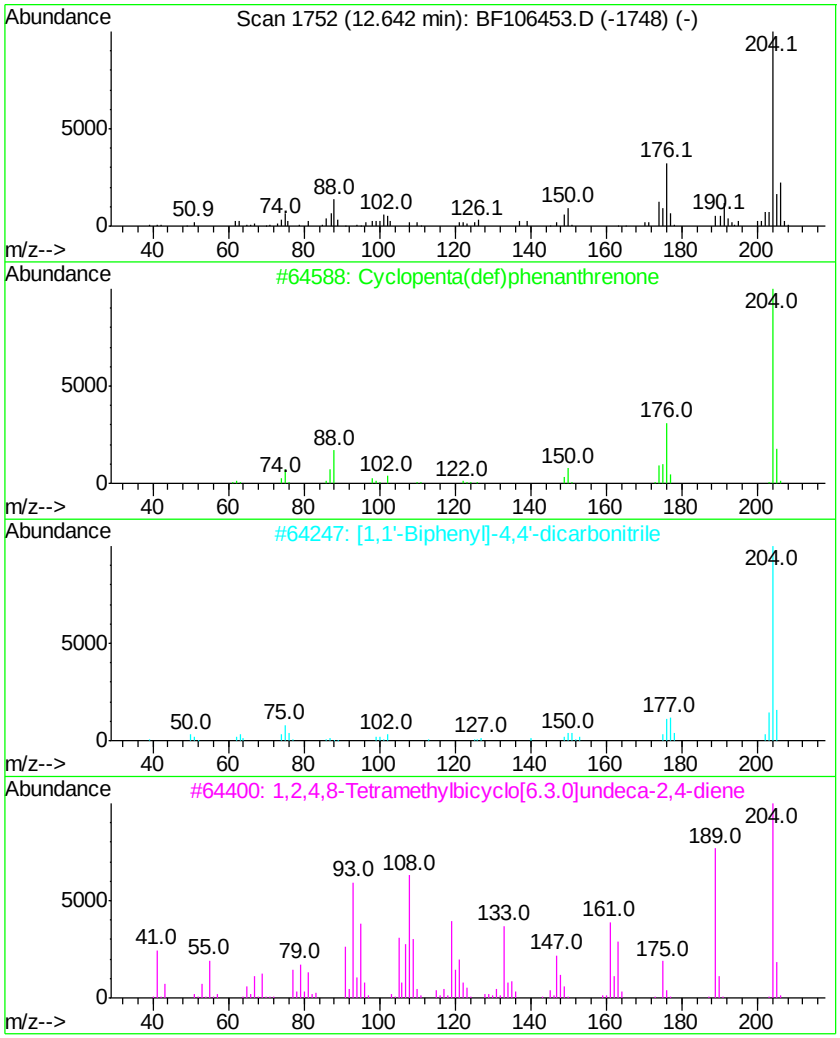
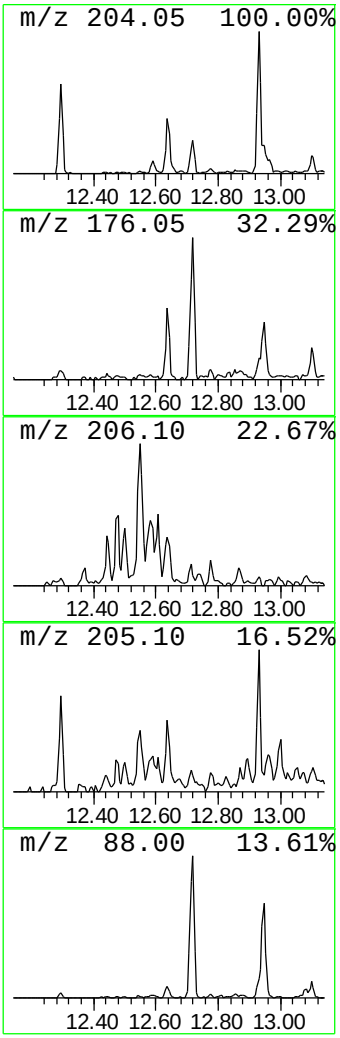
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.27 ng	82049	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43





Library Search Compound Report

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Data File : BF106453.D
Acq On : 14 Jun 2018 20:11
Operator : JU/SJ
Sample : J3498-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-S

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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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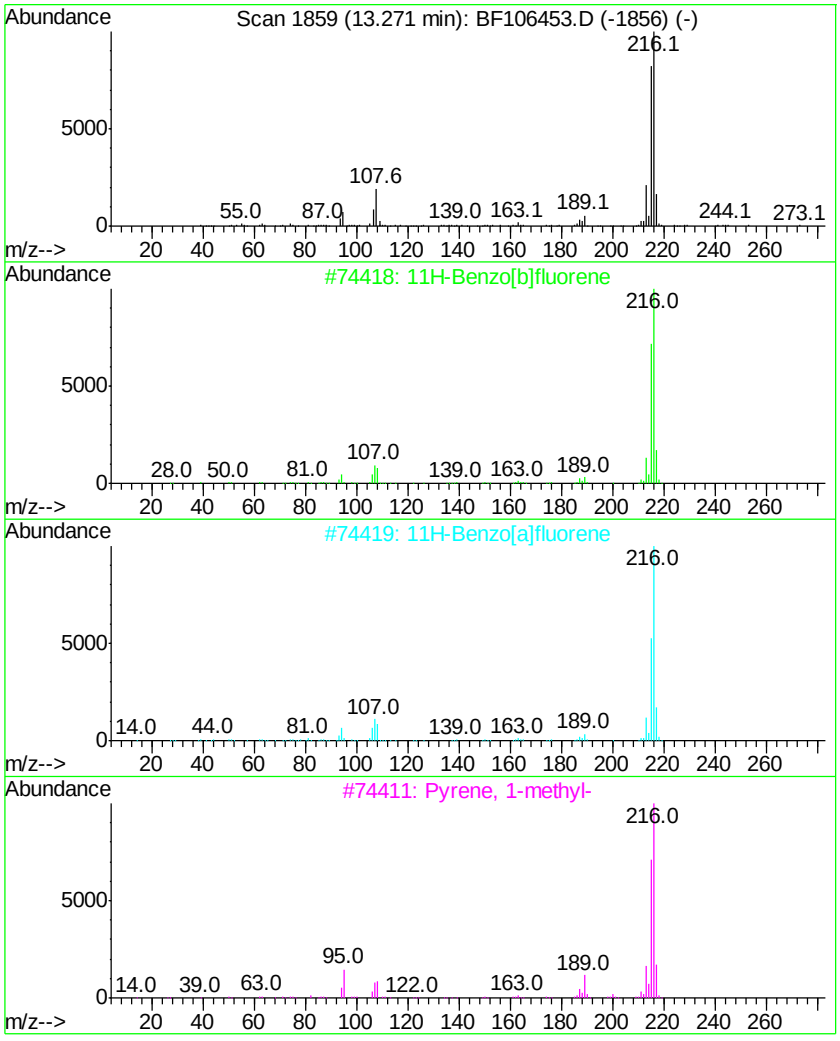
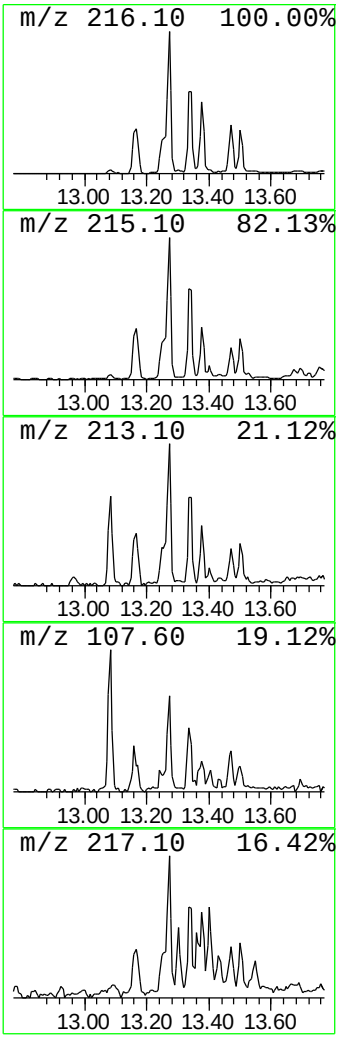
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.35 ng	223826	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BF106453.D
Acq On : 14 Jun 2018 20:11
Operator : JU/SJ
Sample : J3498-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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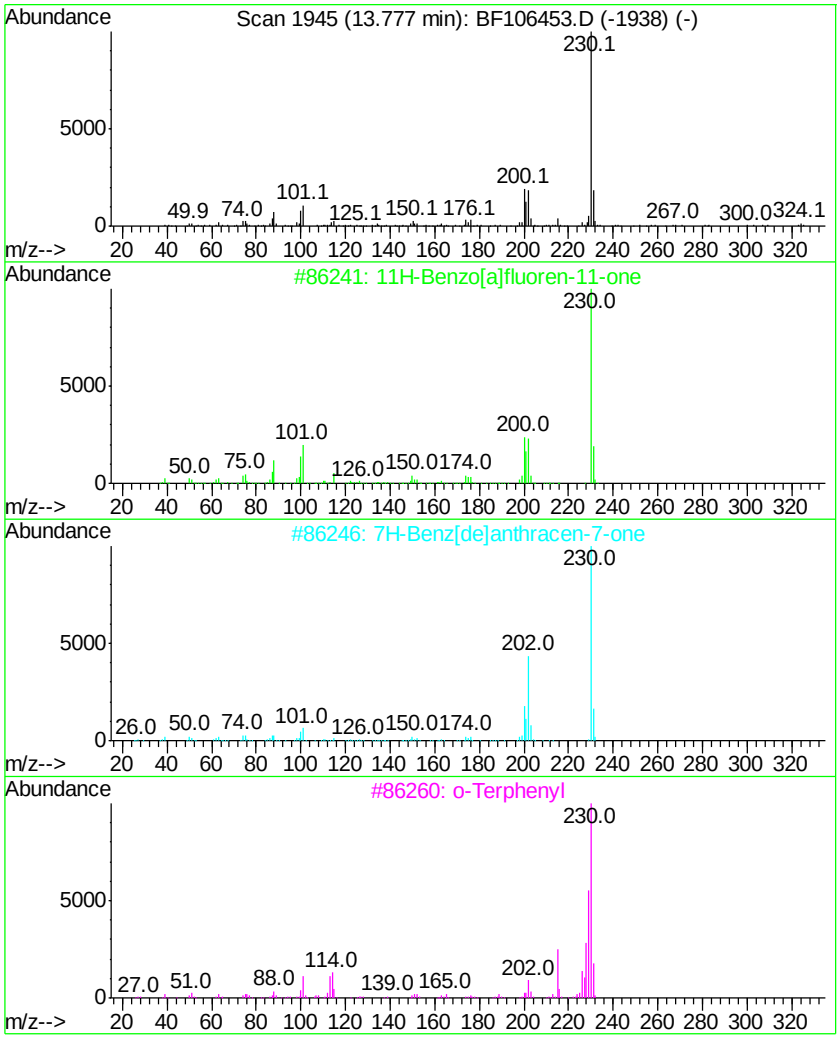
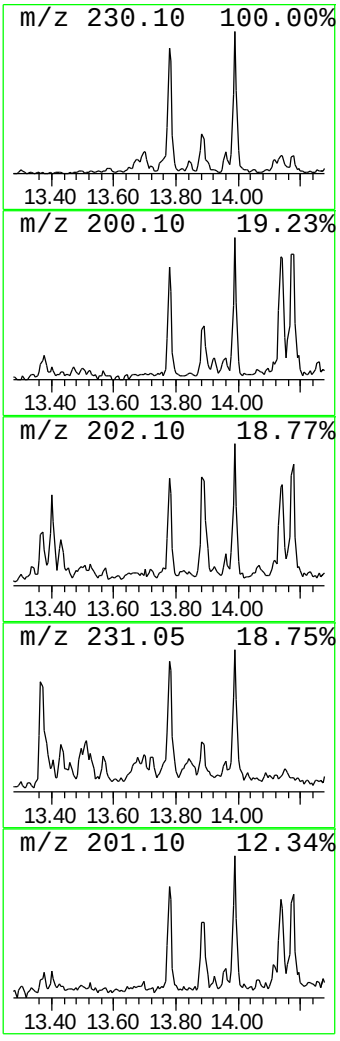
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	2.31 ng	219723	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	95
3	o-Terphenyl	230	C18H14	000084-15-1	64
4	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	64
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





Library Search Compound Report

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Data File : BF106453.D
Acq On : 14 Jun 2018 20:11
Operator : JU/SJ
Sample : J3498-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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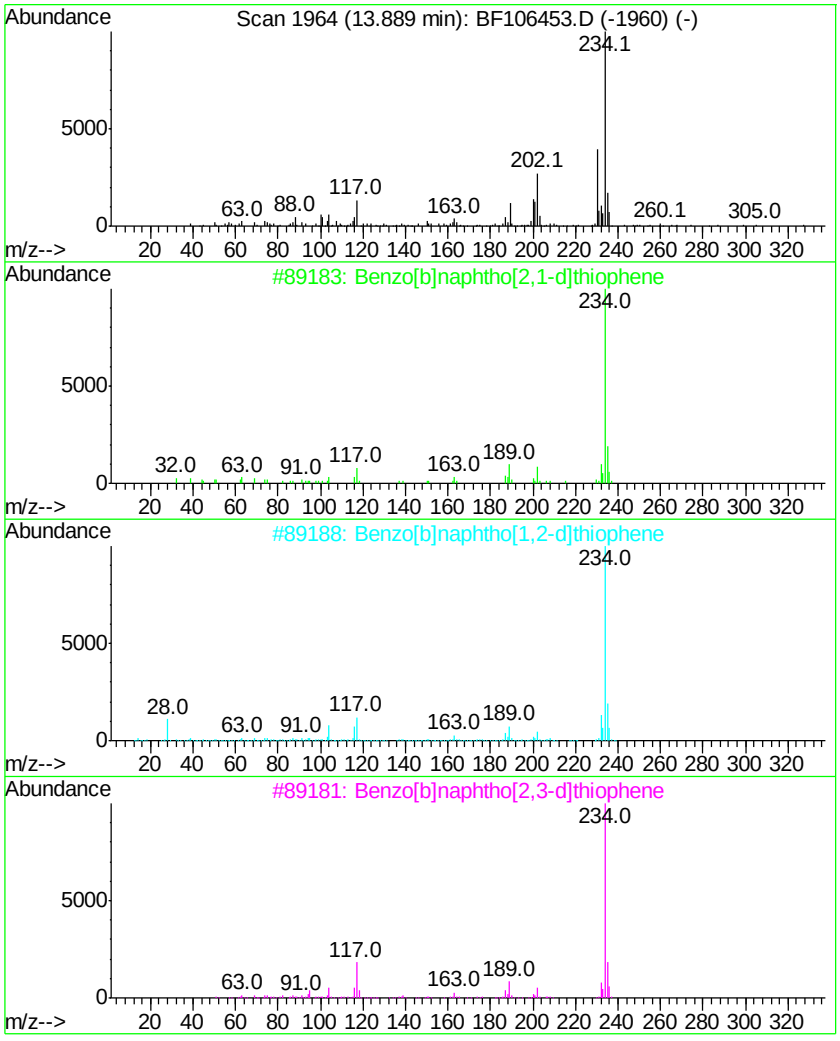
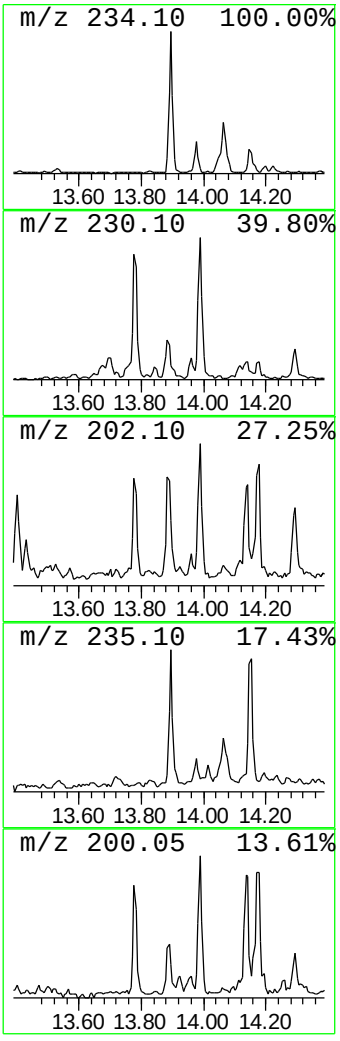
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.07 ng	197045	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	95
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
5	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106453.D
Acq On : 14 Jun 2018 20:11
Operator : JU/SJ
Sample : J3498-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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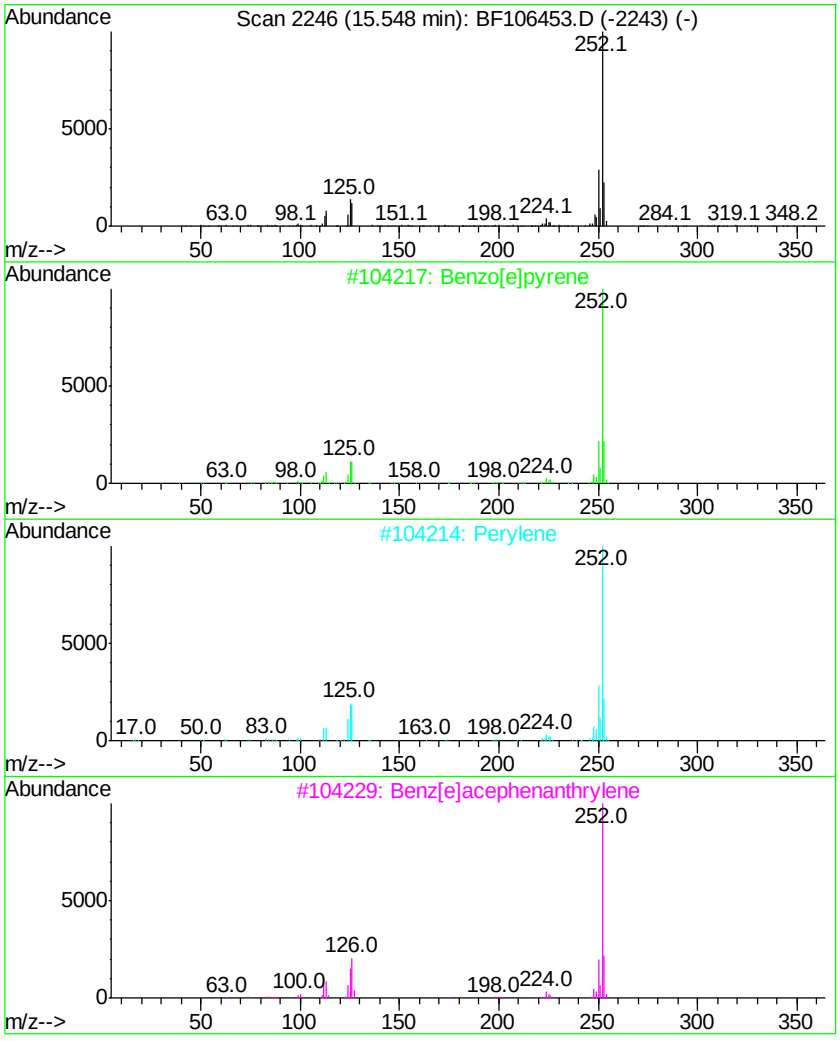
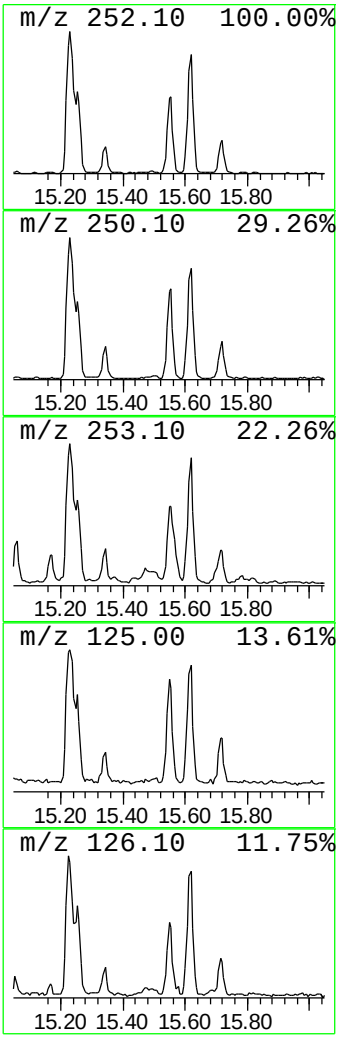
Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	14.49 ng	388347	Perylene-d12	15.68

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
Data File : BF106453.D
Acq On : 14 Jun 2018 20:11
Operator : JU/SJ
Sample : J3498-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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...	5.20	6.0	ng	221139	1	6.97	730534	20.0
unknown6.75	6.75	64.1	ng	2340020	1	6.97	730534	20.0
Phenanthrene, 2-m...	12.00	3.2	ng	114385	4	11.50	723178	20.0
4H-Cyclopenta[def...	12.11	6.4	ng	231418	4	11.50	723178	20.0
Naphthalene, 2-ph...	12.30	2.6	ng	93962	4	11.50	723178	20.0
9,10-Anthracenedione	12.32	2.5	ng	88930	4	11.50	723178	20.0
Phenanthrene, 2,5...	12.55	2.3	ng	82843	4	11.50	723178	20.0
Cyclopenta(def)ph...	12.64	2.3	ng	82049	4	11.50	723178	20.0
11H-Benzo[b]fluorene	13.27	2.4	ng	223826	5	14.15	1903680	20.0
11H-Benzo[a]fluor...	13.78	2.3	ng	219723	5	14.15	1903680	20.0
Benzo[b]naphtho[2...	13.89	2.1	ng	197045	5	14.15	1903680	20.0
Benzo[e]pyrene	15.55	14.5	ng	388347	6	15.68	535888	20.0