LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107213.D
Acq On : 7 Jul 2018 18:13
Operator : JU/SJ
Sample : J3880-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-12

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	5.189	481	485	495	rVB	147601	209523	13.13%	0.887%
2	5.595	550	554	572	rBV	1352109	1412024	88.46%	5.978%
3	6.601	720	725	740	rBV	1256497	1500621	94.01%	6.353%
4	6.731	743	747	750	rVV	1462491	1410889	88.39%	5.973%
5	6.766	750	753	760	rVB4	25671	31207	1.95%	0.132%
6	6.948	780	784	789	rBV	506407	413538	25.91%	1.751%
7	7.001	789	793	804	rVB2	15255	20962	1.31%	0.089%
8	7.107	807	811	814	rBV	1281679	1134794	71.09%	4.804%
9	7.519	876	881	884	rBV	893910	892988	55.94%	3.780%
10	8.230	998	1002	1005	rBV	517619	488365	30.59%	2.067%
11	8.254	1005	1006	1012	rVB	129106	87706	5.49%	0.371%
12	8.801	1096	1099	1104	rVB	22032	16573	1.04%	0.070%
13	8.948	1121	1124	1130	rBV	58811	54919	3.44%	0.232%
14	9.048	1136	1141	1146	rBV	37065	36510	2.29%	0.155%
15	9.307	1180	1185	1188	rBV	1683832	1539569	96.45%	6.518%
16	9.366	1192	1195	1199	rVV	31141	31005	1.94%	0.131%
17	9.407	1199	1202	1206	rVB	35655	28231	1.77%	0.120%
18	9.572	1226	1230	1234	rBV	21756	27497	1.72%	0.116%
19	9.648	1240	1243	1245	rBV	29232	28592	1.79%	0.121%
20	9.695	1245	1251	1257	rVB	347415	358103	22.43%	1.516%
21	9.854	1274	1278	1282	rBV	60336	57307	3.59%	0.243%
22	9.895	1282	1285	1289	rVB	34581	30050	1.88%	0.127%
23	9.995	1298	1302	1305	rBV	519605	479464	30.04%	2.030%
24	10.024	1305	1307	1312	rVB	103872	81559	5.11%	0.345%
25	10.195	1332	1336	1339	rBV2	73805	80245	5.03%	0.340%
26	10.230	1339	1342	1345	rVB2	21273	20036	1.26%	0.085%
27	10.301	1351	1354	1358	rBV3	20365	25253	1.58%	0.107%
28	10.395	1366	1370	1372	rBV2	50007	42853	2.68%	0.181%
29	10.542	1391	1395	1401	rVB	105024	101608	6.37%	0.430%
30	10.613	1401	1407	1412	rBV5	25687	52499	3.29%	0.222%
31	10.701	1419	1422	1425	rVB	28314	28001	1.75%	0.119%
32	10.789	1433	1437	1443	rBV	927913	952628	59.68%	4.033%
33	10.883	1448	1453	1455	rBV2	41587	59826	3.75%	0.253%
34	11.089	1482	1488	1491	rBV5	29481	47532	2.98%	0.201%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3880-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-12

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	11.118	1491	1493	1497	rVV2	21772	19689	1.23%	0.083%
36	11.218	1504	1510	1512	rBV5	19433	28990	1.82%	0.123%
37	11.242	1512	1514	1519	rVB2	20597	22702	1.42%	0.096%
38	11.295	1519	1523	1525	rBV	50562	47741	2.99%	0.202%
39	11.324	1525	1528	1531	rVV2	41853	66823	4.19%	0.283%
40	11.383	1535	1538	1543	rVB	59285	52054	3.26%	0.220%
41	11.489	1552	1556	1558	rBV	588237	525434	32.92%	2.224%
42	11.513	1558	1560	1564	rVV	774414	690101	43.23%	2.921%
43	11.566	1564	1569	1572	rVV	291127	244408	15.31%	1.035%
44	11.601	1572	1575	1578	rVB2	21792	25469	1.60%	0.108%
45	11.724	1591	1596	1598	rBV	117971	116550	7.30%	0.493%
46	11.748	1598	1600	1603	rVB	36979	28974	1.82%	0.123%
47	11.824	1610	1613	1616	rVB2	25542	28901	1.81%	0.122%
48	11.989	1638	1641	1644	rBV	115425	109115	6.84%	0.462%
49	12.018	1644	1646	1649	rVV	156865	123150	7.71%	0.521%
50	12.065	1651	1654	1657	rVB	67903	58266	3.65%	0.247%
51	12.107	1657	1661	1663	rBV2	182187	206498	12.94%	0.874%
52	12.154	1667	1669	1674	rBV3	26767	35621	2.23%	0.151%
53	12.224	1679	1681	1684	rVV2	25572	24505	1.54%	0.104%
54	12.283	1688	1691	1695	rVV	107518	108123	6.77%	0.458%
55	12.324	1695	1698	1701	rVB	70630	73885	4.63%	0.313%
56	12.436	1714	1717	1720	rVB2	31828	33087	2.07%	0.140%
57	12.465	1720	1722	1724	rBV	42114	33503	2.10%	0.142%
58	12.495	1724	1727	1728	rVB2	28094	22048	1.38%	0.093%
59	12.542	1732	1735	1738	rBV	121604	121652	7.62%	0.515%
60	12.642	1747	1752	1759	rBV2	72194	113203	7.09%	0.479%
61	12.713	1760	1764	1767	rBV	1165161	1110290	69.55%	4.700%
62	12.742	1767	1769	1771	rVV	27905	26156	1.64%	0.111%
63	12.771	1771	1774	1776	rVV2	31690	29655	1.86%	0.126%
64	12.807	1778	1780	1782	rVB	27072	21946	1.37%	0.093%
65	12.860	1787	1789	1791	rVB2	39964	31310	1.96%	0.133%
66	12.924	1796	1800	1801	rBV2	249196	278517	17.45%	1.179%
67	12.948	1801	1804	1808	rVV	1036128	985190	61.72%	4.171%
68	12.989	1808	1811	1815	rVB	65987	74674	4.68%	0.316%
69	13.077	1820	1826	1829	rVV	1519596	1596282	100.00%	6.758%
70	13.107	1829	1831	1835	rVB	65451	60279	3.78%	0.255%
71	13.165	1835	1841	1844	rBV3	86051	158652	9.94%	0.672%

LSC Area Percent Report

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Sample : J3880-03
Misc :
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Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-12

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-BF061918.M
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72	13.271	1856	1859	1862	rVB2	184888	186987	11.71%	0.792%
73	13.336	1867	1870	1872	rBV2	99859	83378	5.22%	0.353%
74	13.377	1873	1877	1879	rBV2	90138	101714	6.37%	0.431%
75	13.471	1890	1893	1895	rBV	78440	77976	4.88%	0.330%
76	13.501	1895	1898	1900	rVV	78322	74945	4.69%	0.317%
77	13.618	1915	1918	1920	rBV	57433	53854	3.37%	0.228%
78	13.783	1943	1946	1950	rBV	120685	109347	6.85%	0.463%
79	13.895	1962	1965	1967	rBV	105028	85797	5.37%	0.363%
80	13.918	1967	1969	1971	rVB	102214	75123	4.71%	0.318%
81	13.948	1971	1974	1979	rBV2	282629	322336	20.19%	1.365%
82	13.995	1980	1982	1985	rVB	104233	86001	5.39%	0.364%
83	14.142	2003	2007	2011	rBV2	640728	995068	62.34%	4.212%
84	14.177	2011	2013	2016	rVB	459339	355727	22.28%	1.506%
85	14.254	2024	2026	2032	rBV2	100906	138502	8.68%	0.586%
86	14.577	2078	2081	2083	rBV2	102295	107463	6.73%	0.455%
87	15.236	2189	2193	2201	rVB	363247	760111	47.62%	3.218%
88	15.559	2245	2248	2255	rVB	218025	258723	16.21%	1.095%
89	15.630	2256	2260	2267	rBV	281111	419825	26.30%	1.777%
90	15.695	2268	2271	2274	rVV	192156	213000	13.34%	0.902%

Sum of corrected areas: 23621797

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
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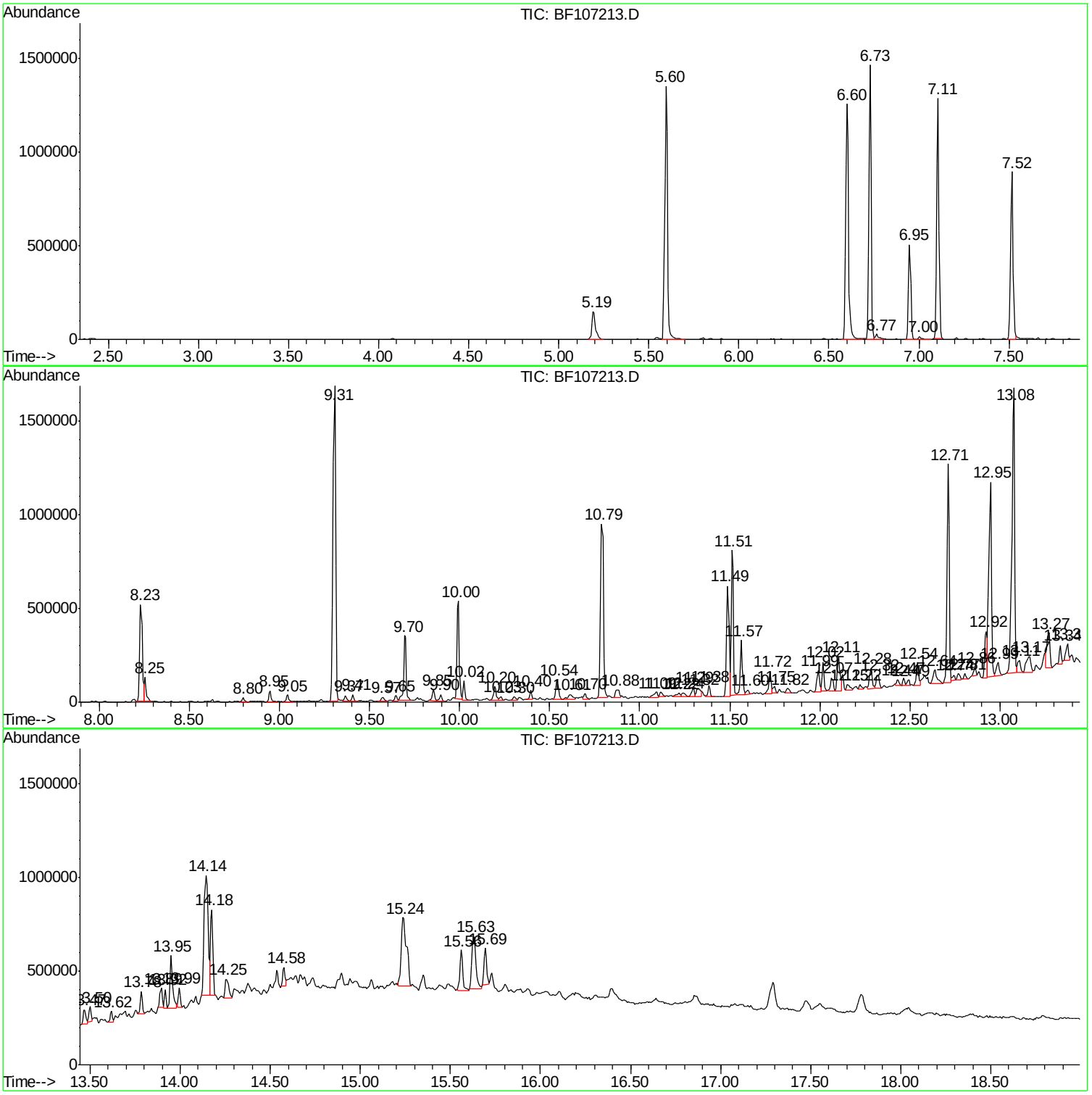
Operator : JU/SJ
Sample : J3880-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-12

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107213.D
Acq On : 7 Jul 2018 18:13
Operator : JU/SJ
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ALS Vial : 21 Sample Multiplier: 1

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

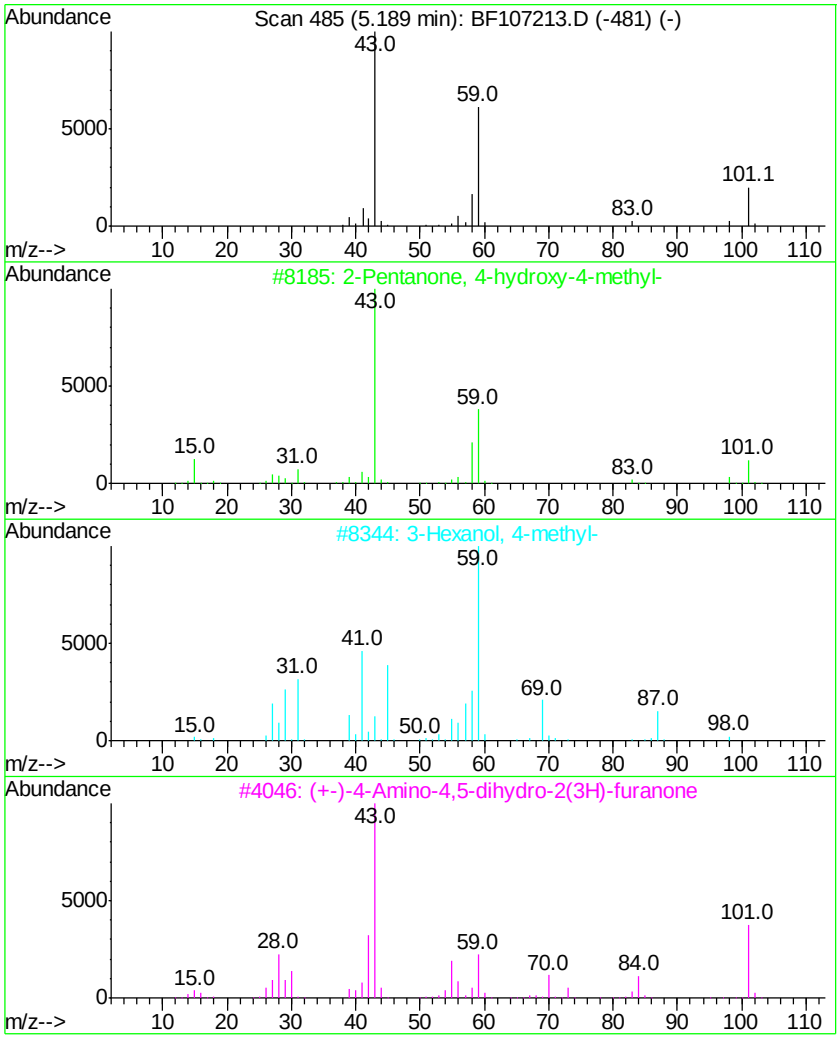
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

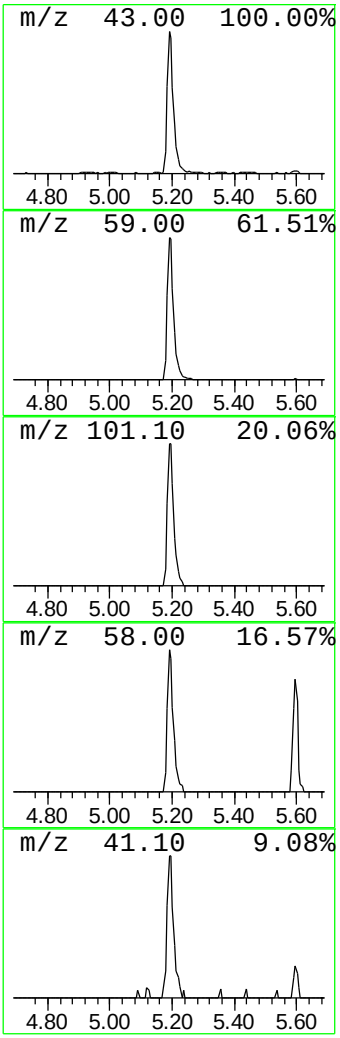
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	10.13 ng	209523	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107213.D
Acq On : 7 Jul 2018 18:13
Operator : JU/SJ
Sample : J3880-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-12

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

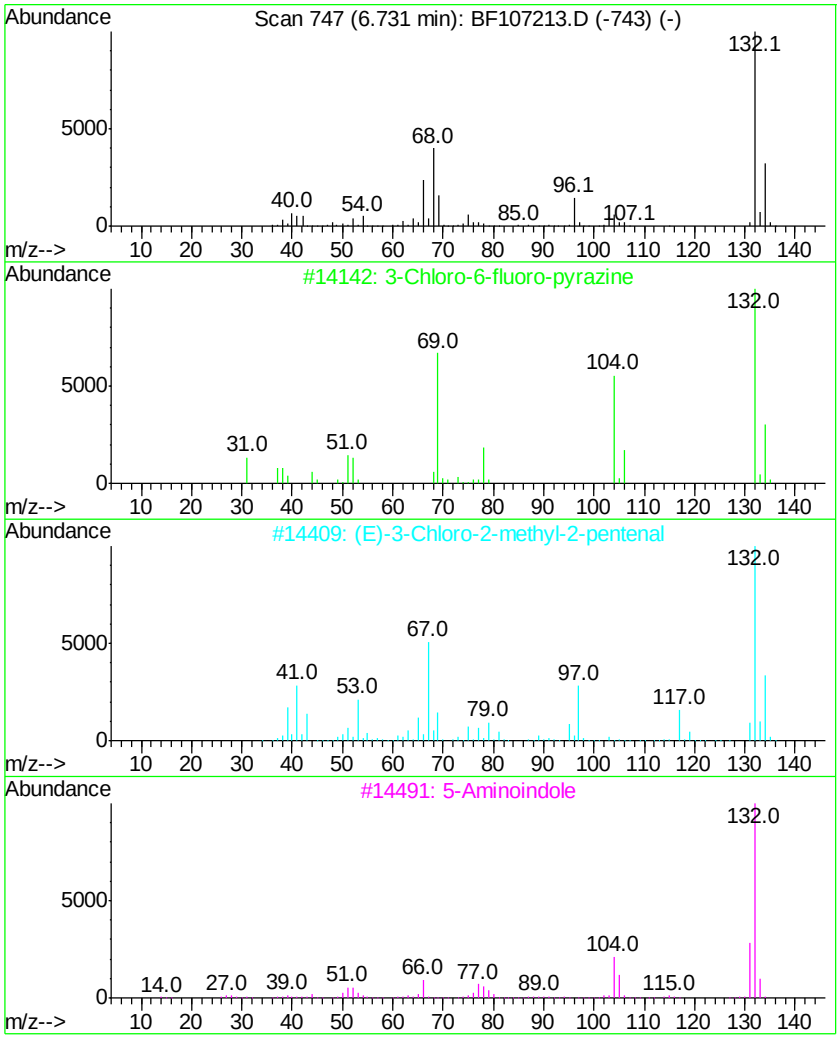
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

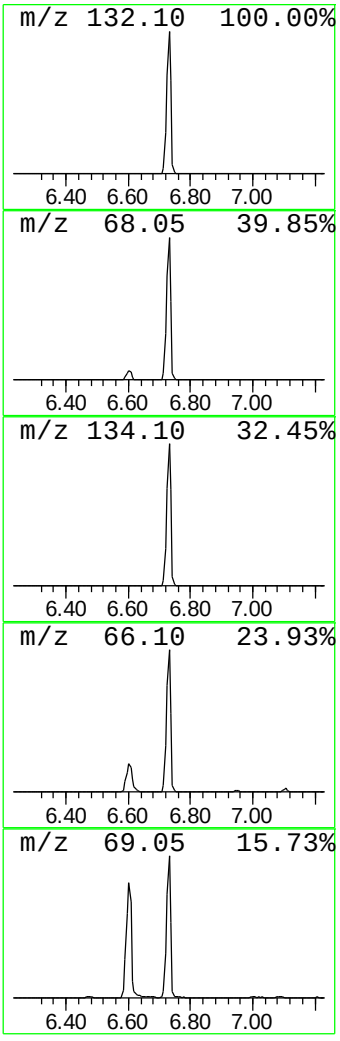
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	68.24 ng	1410890	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-12

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

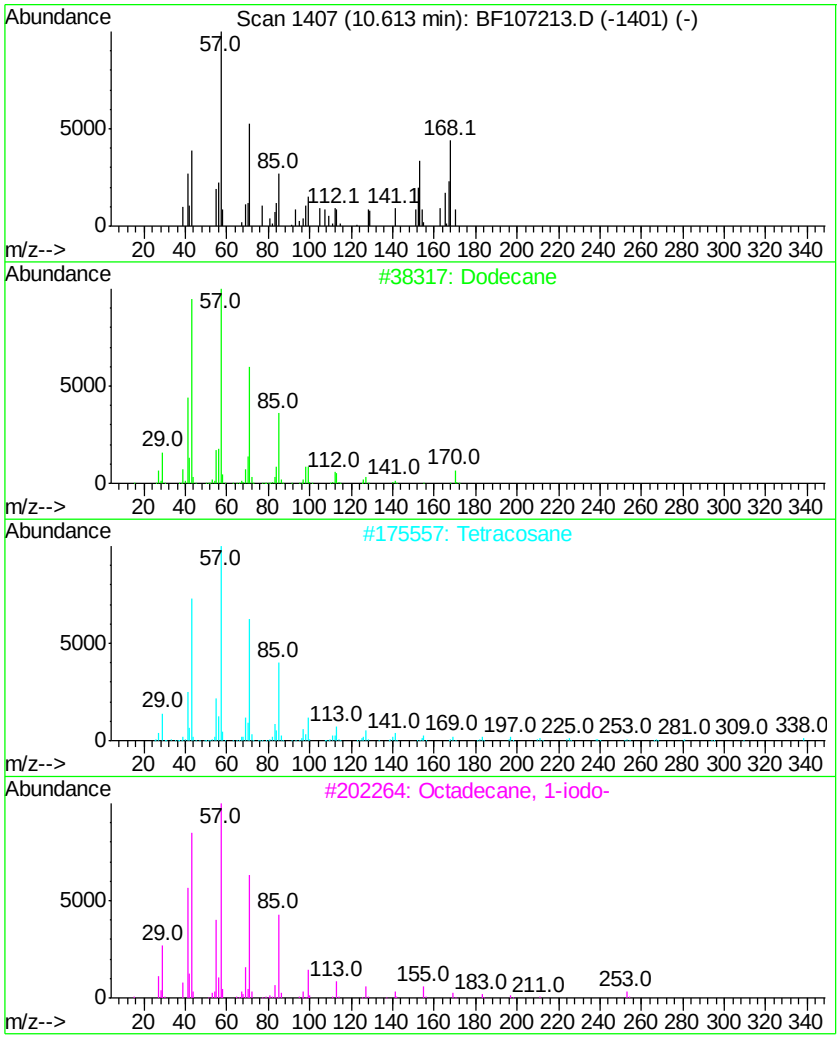
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

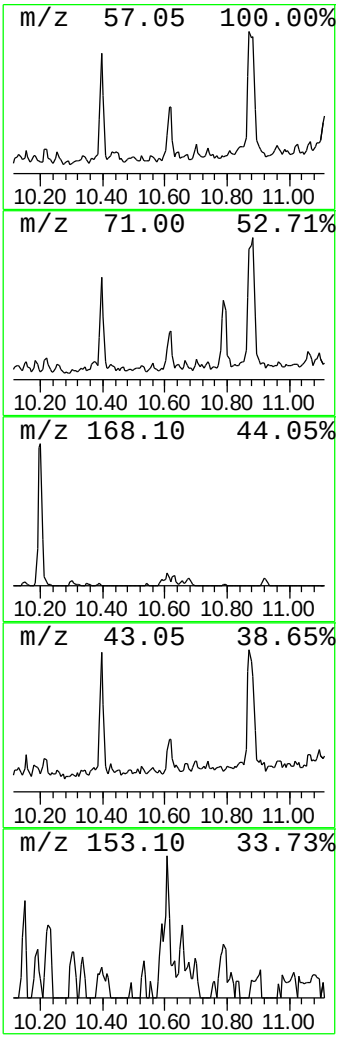
****

Peak Number 4 unknown10.61 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	2.19 ng	52499	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	38
2	Tetracosane	338	C24H50	000646-31-1	14
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	14
4	Undecane	156	C11H24	001120-21-4	14
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-12

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

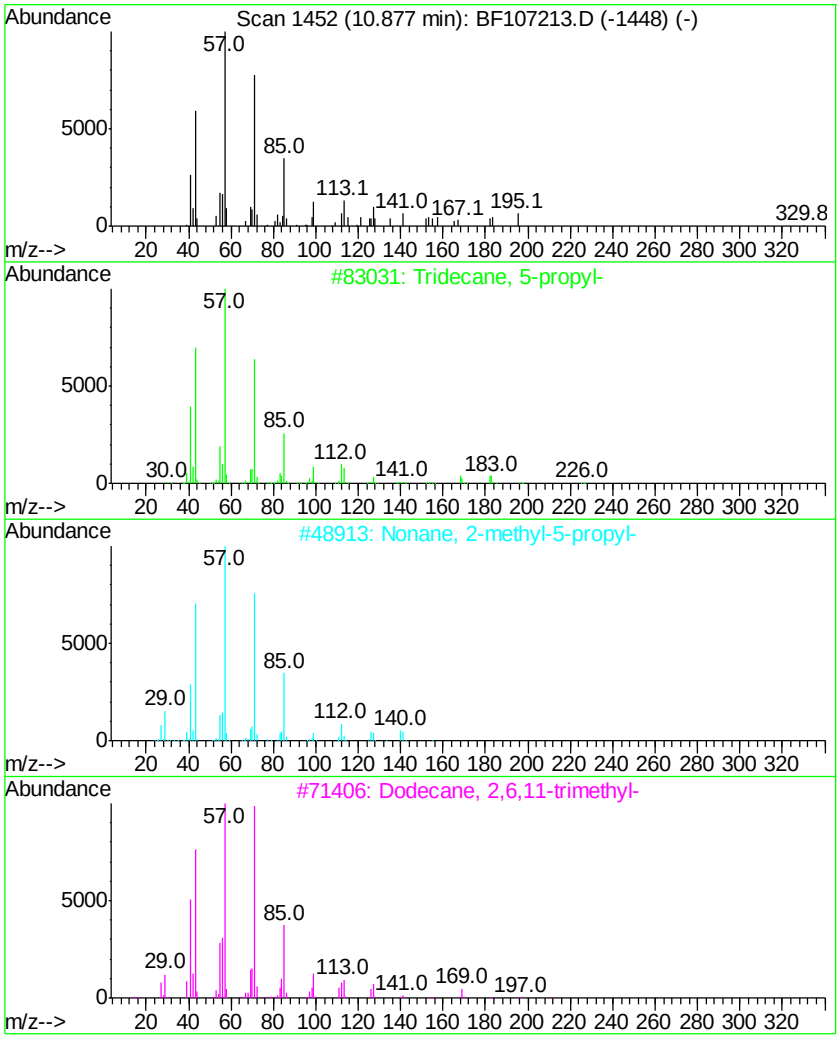
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

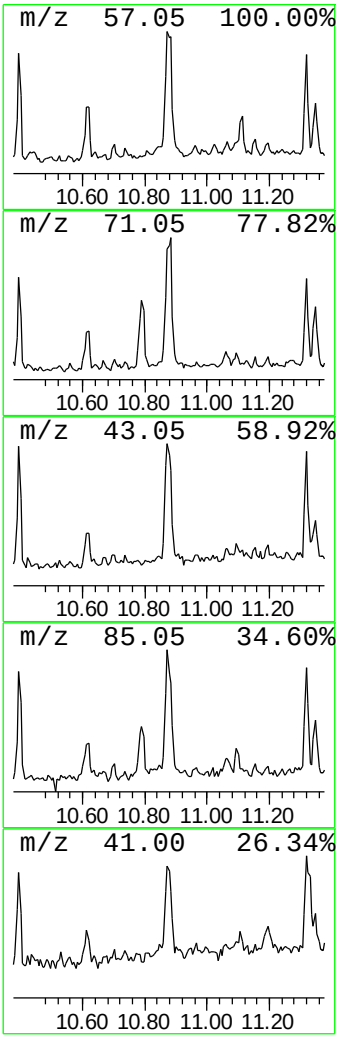
****

Peak Number 5 Tridecane, 5-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	2.28 ng	59826	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





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Sample : J3880-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-12

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

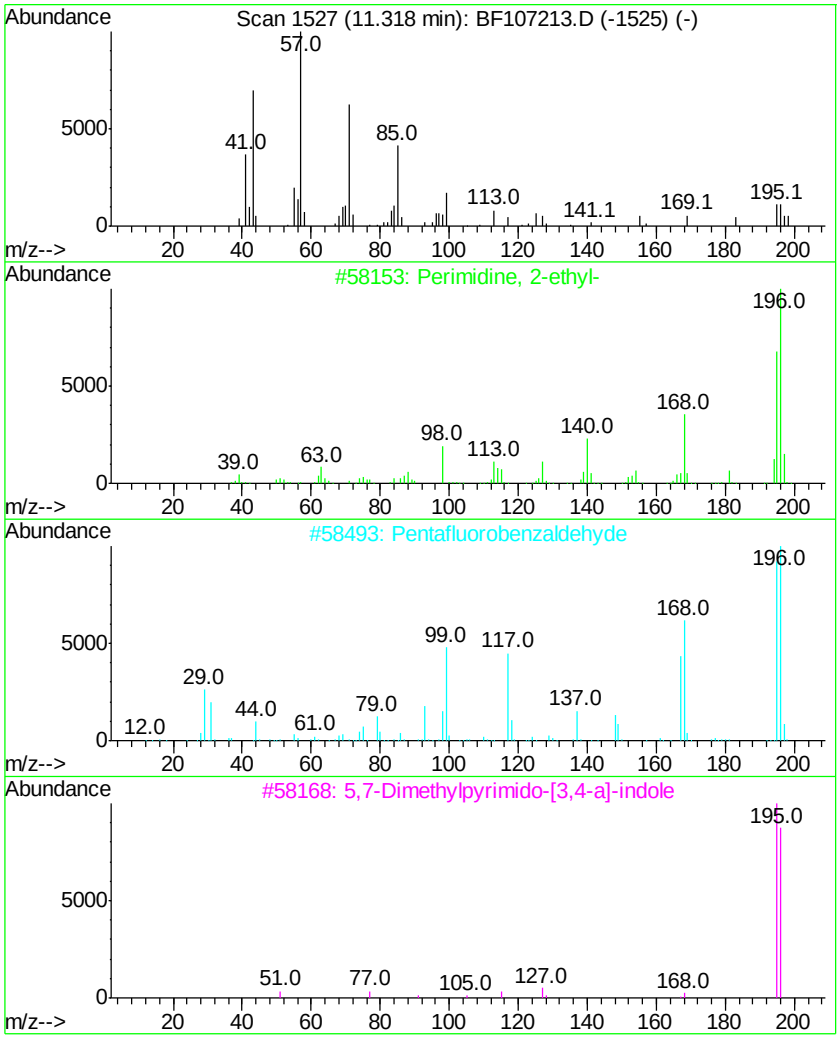
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

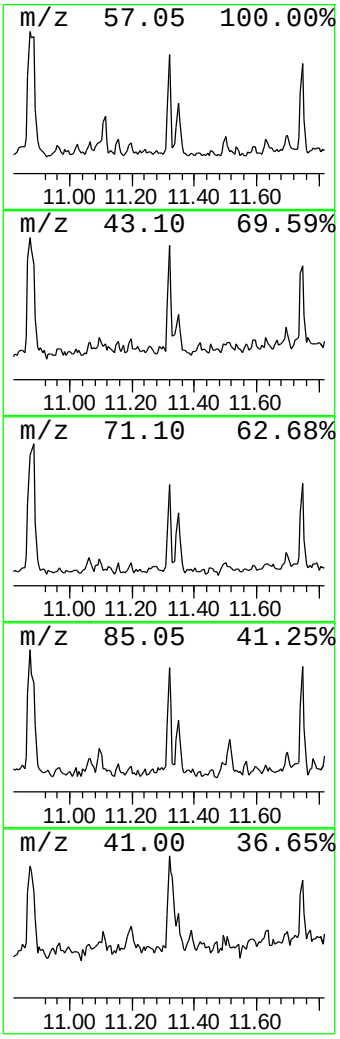
****

Peak Number 6 unknown11.32 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	2.54 ng	66823	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	38
2	Pentafluorobenzaldehyde	196	C7HF5O	000653-37-2	37
3	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	35
4	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	35
5	.beta.-Carboline, 1,2-dimethyl-	196	C13H12N2	109847-05-4	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107213.D
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Sample : J3880-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-12

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

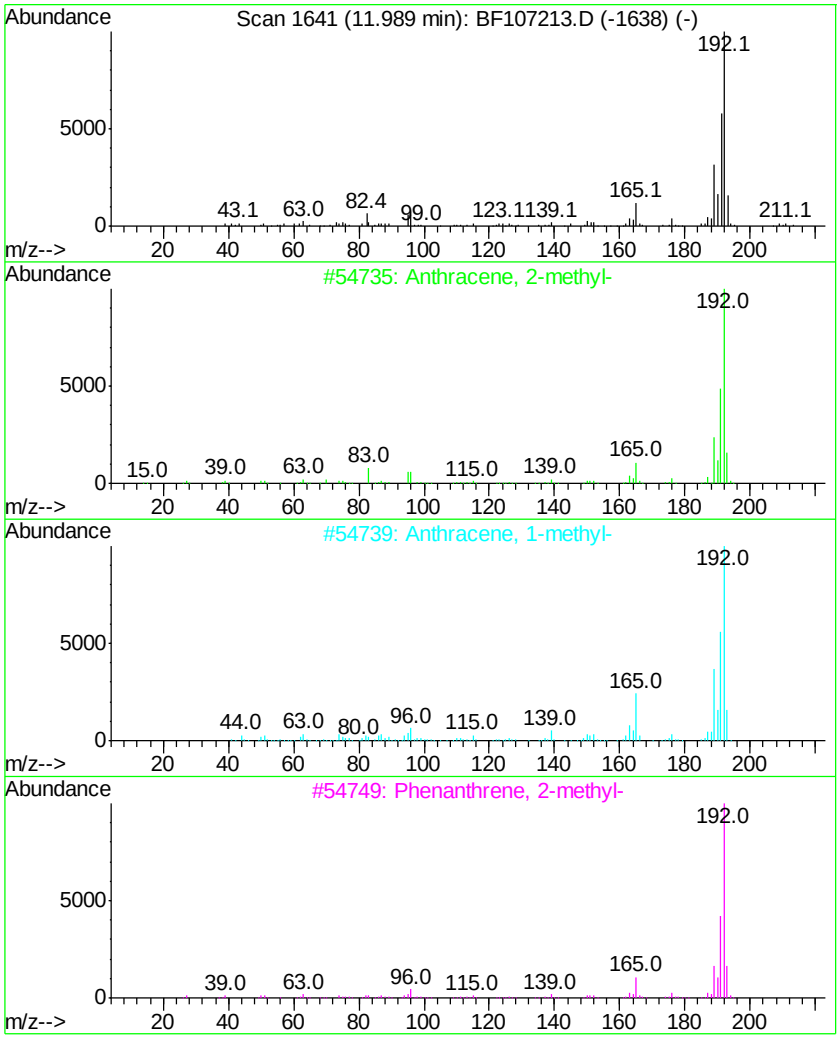
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

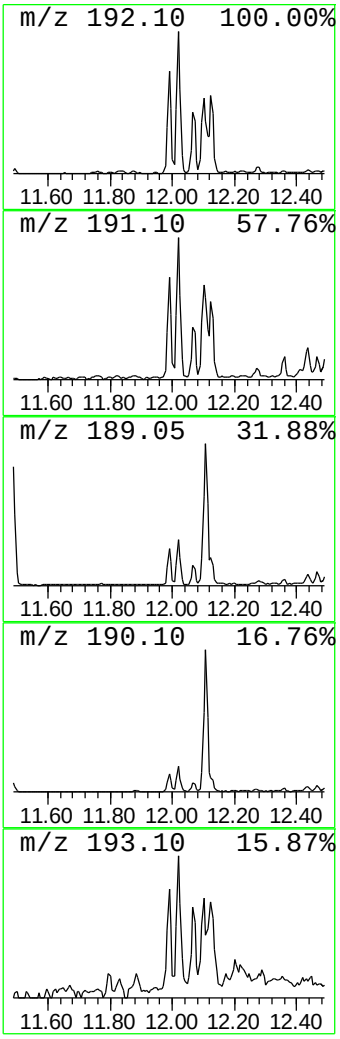
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.15 ng	109115	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : J3880-03
Misc :
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ClientSampleId : SURCHARGE-SP-12

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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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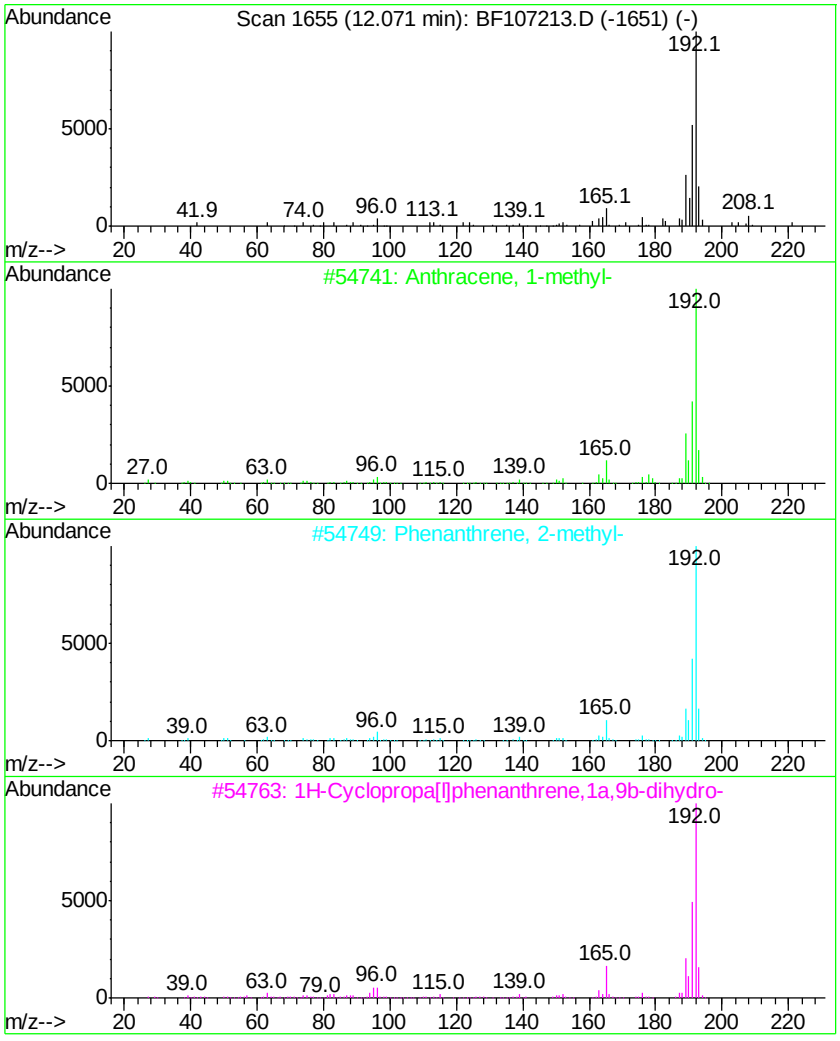
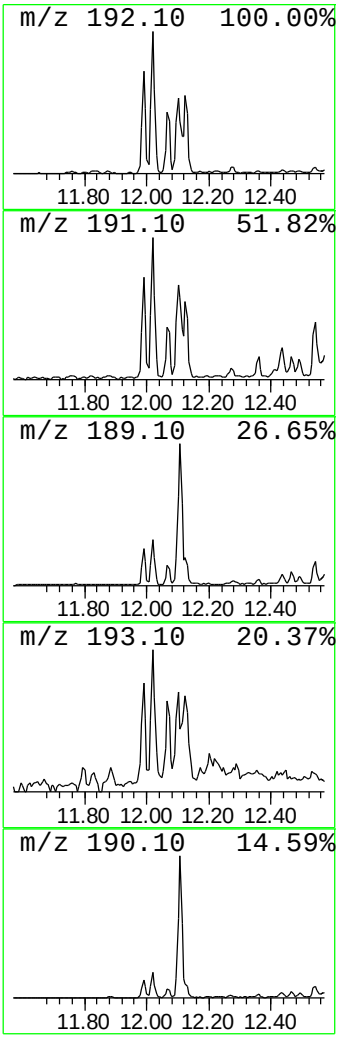
Peak Number 9 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.22 ng	58266	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83





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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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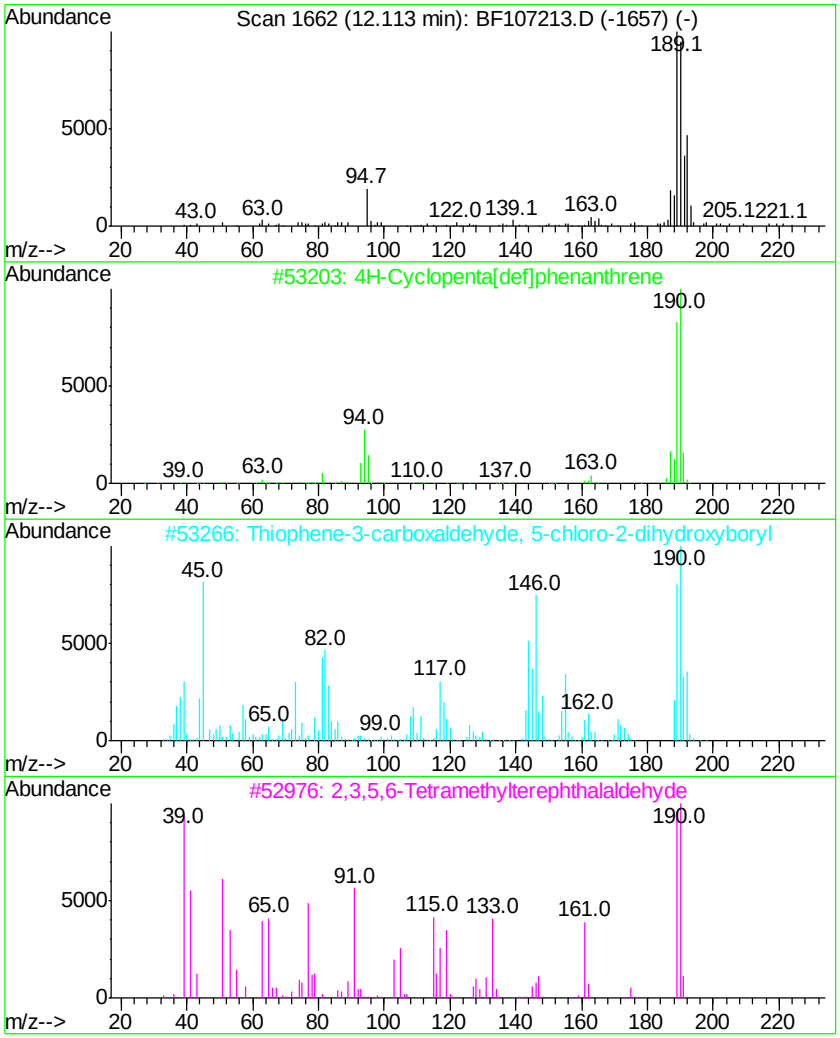
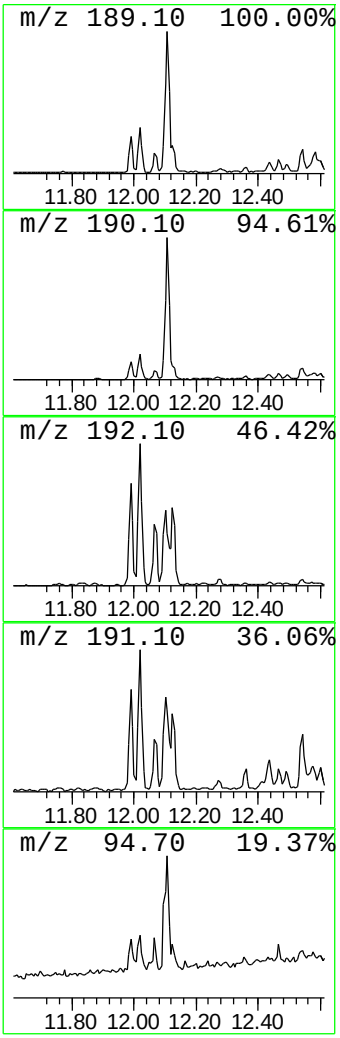
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	7.86 ng	206498	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45





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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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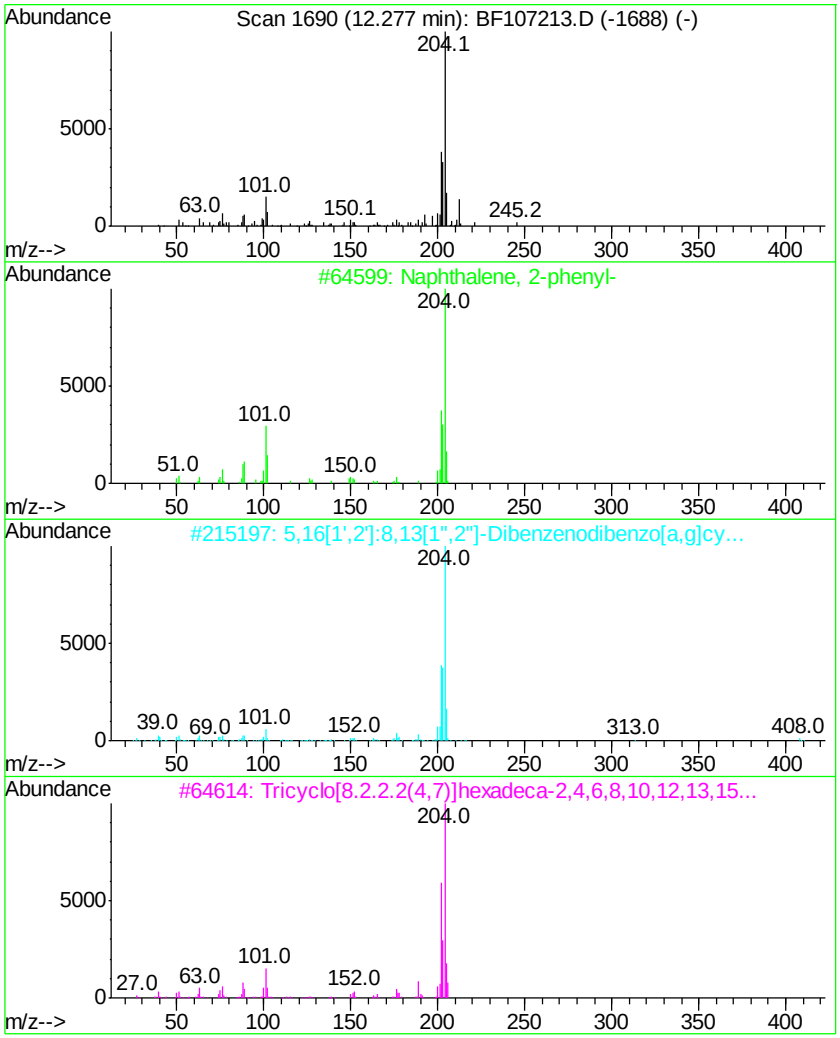
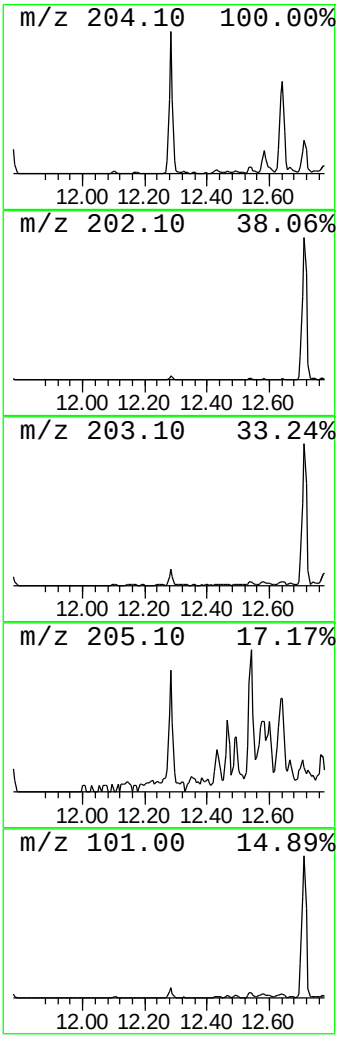
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	4.12 ng	108123	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	Levamisole	204	C11H12N2S	014769-73-4	53





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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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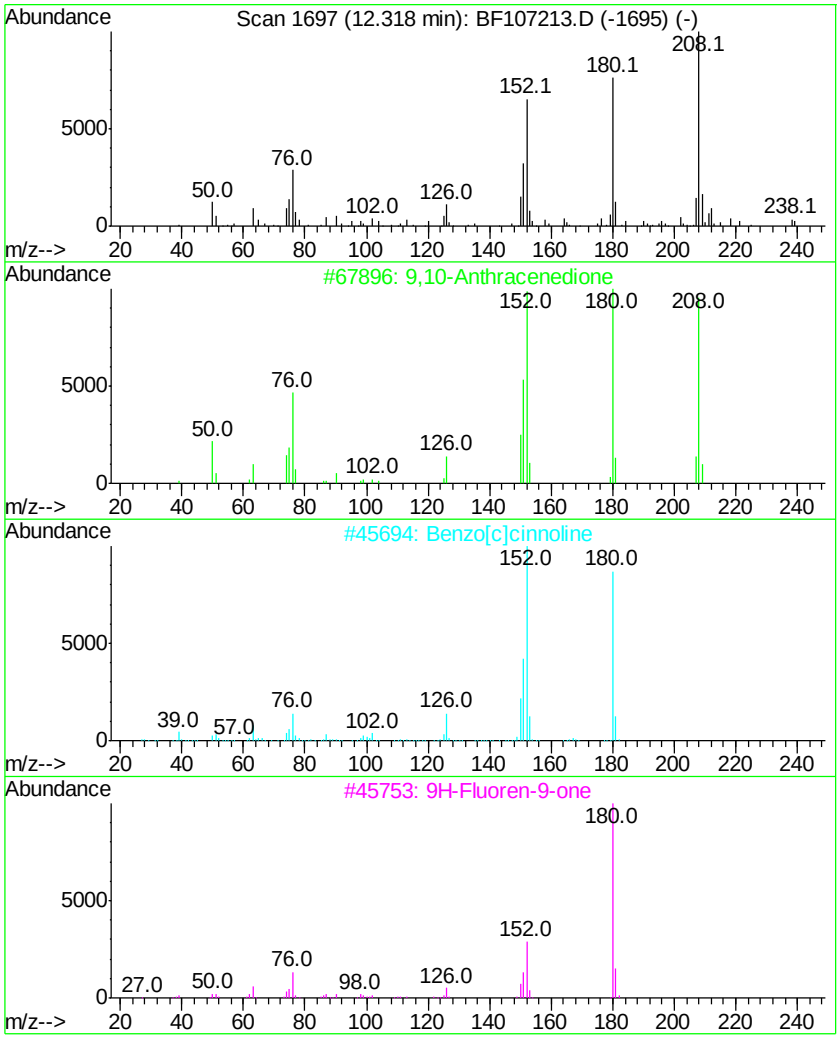
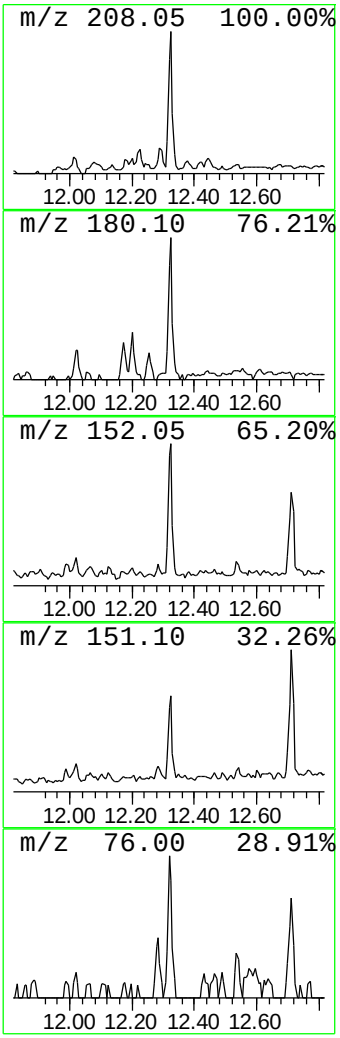
Peak Number 12 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.81 ng	73885	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	70
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





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Misc :
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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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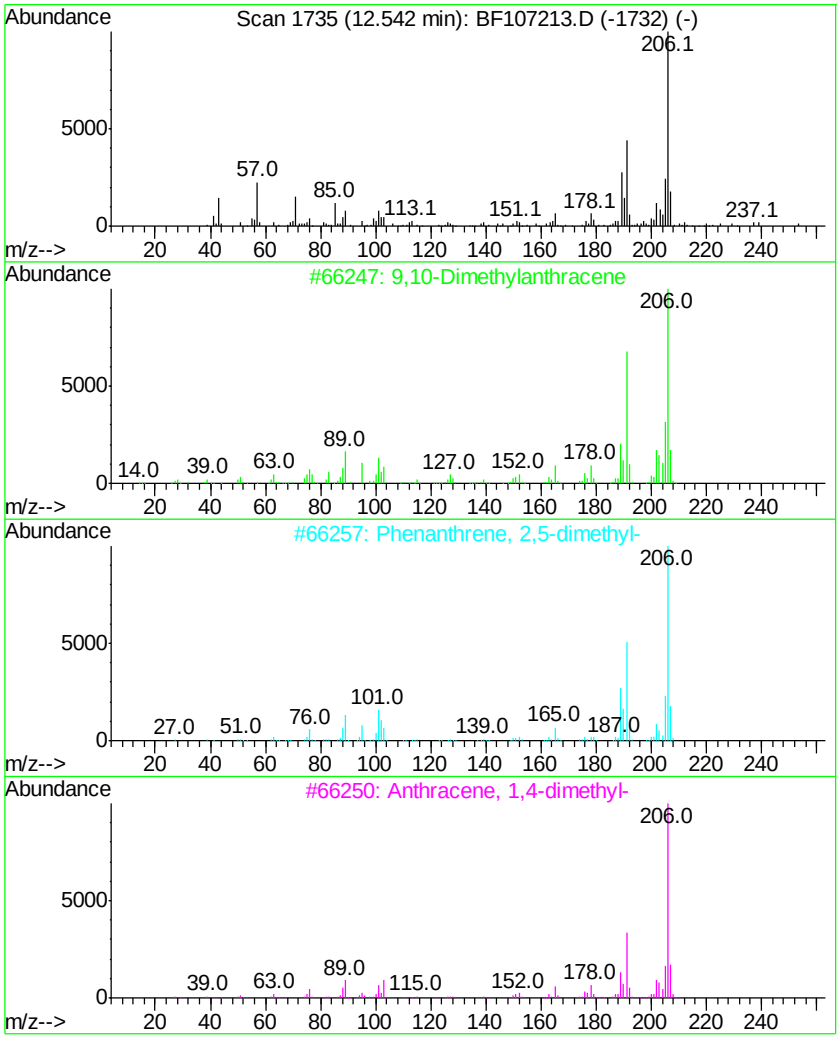
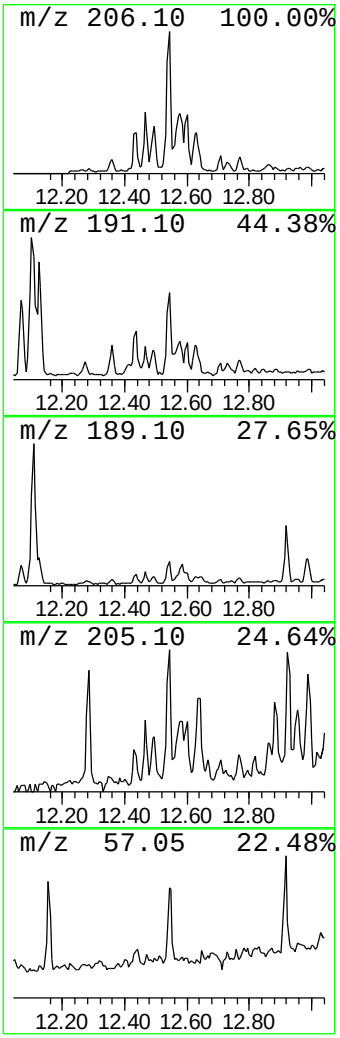
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	4.63 ng	121652	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





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

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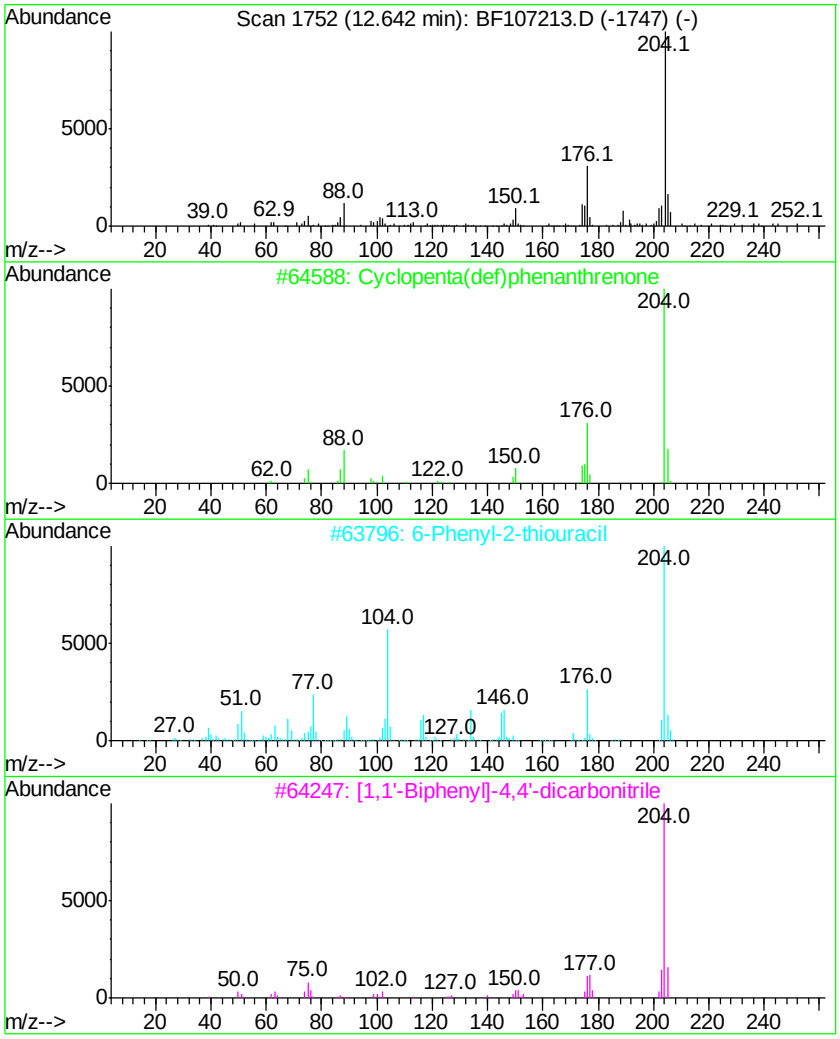
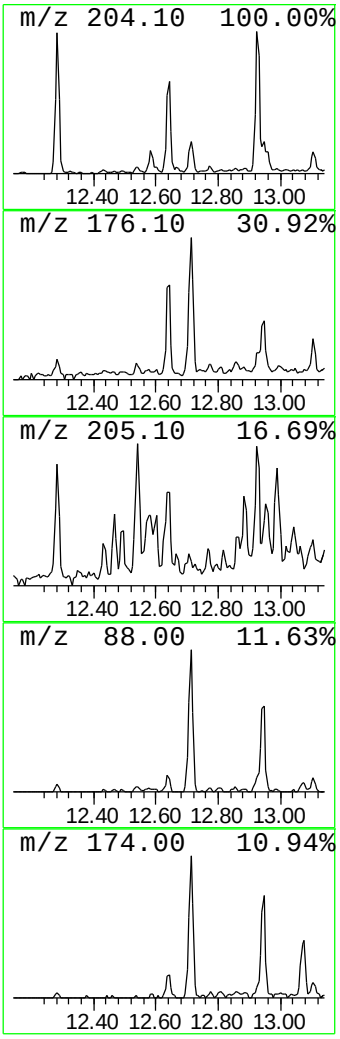
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	4.31 ng	113203	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	6-Phenyl-2-thiouracil	204	C10H8N2OS	005590-94-3	64
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
4	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	50
5	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	50





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ClientSampleId : SURCHARGE-SP-12

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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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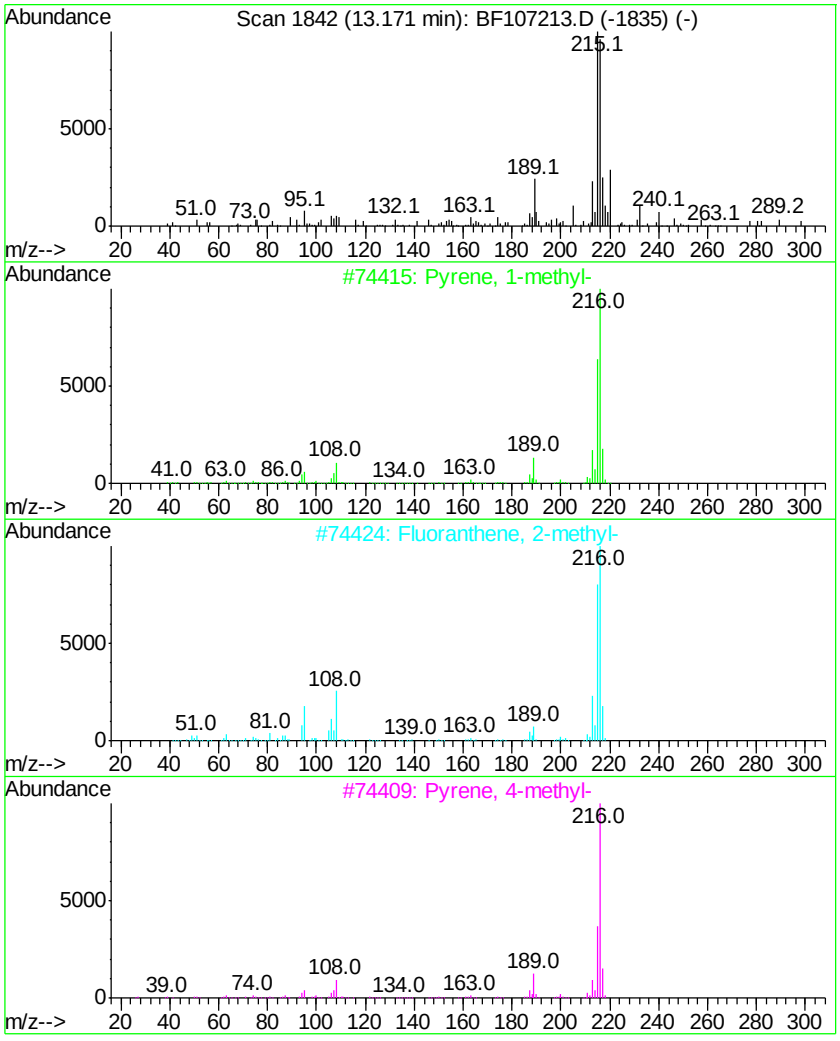
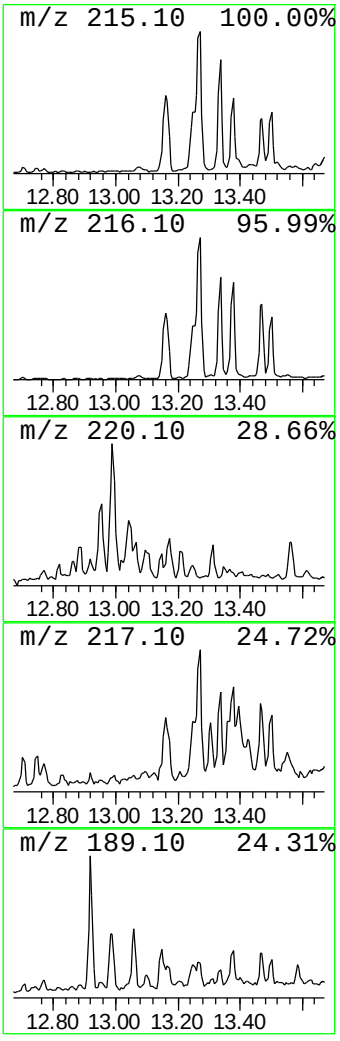
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.19 ng	158652	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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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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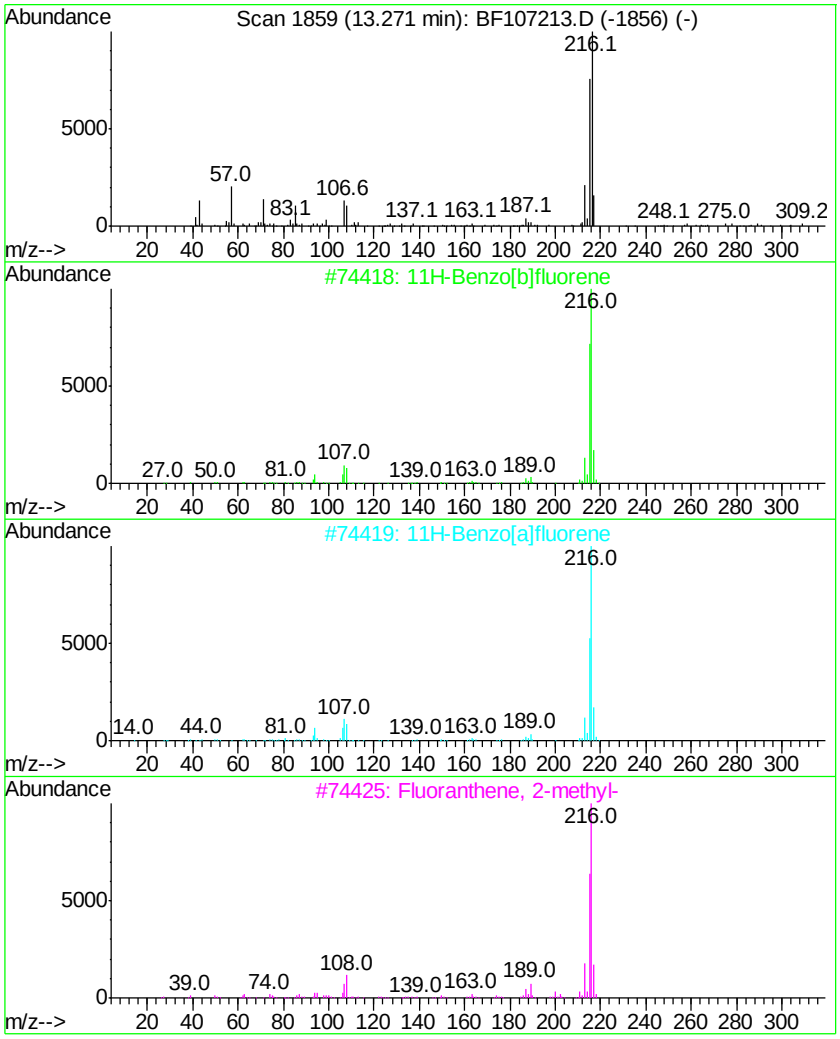
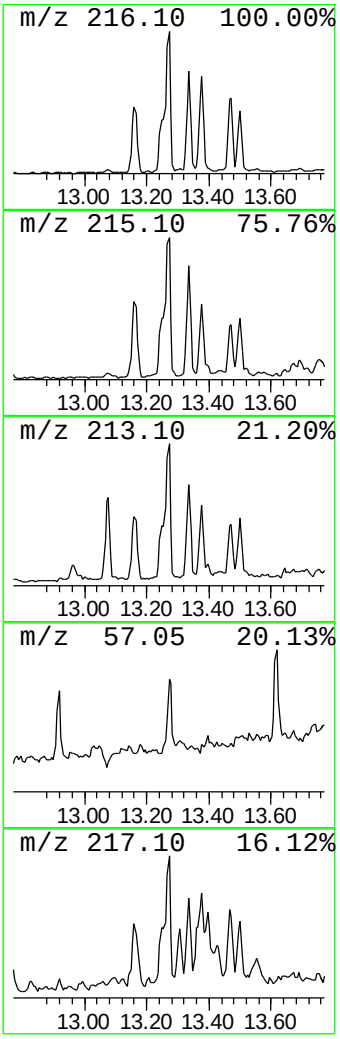
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.76 ng	186987	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	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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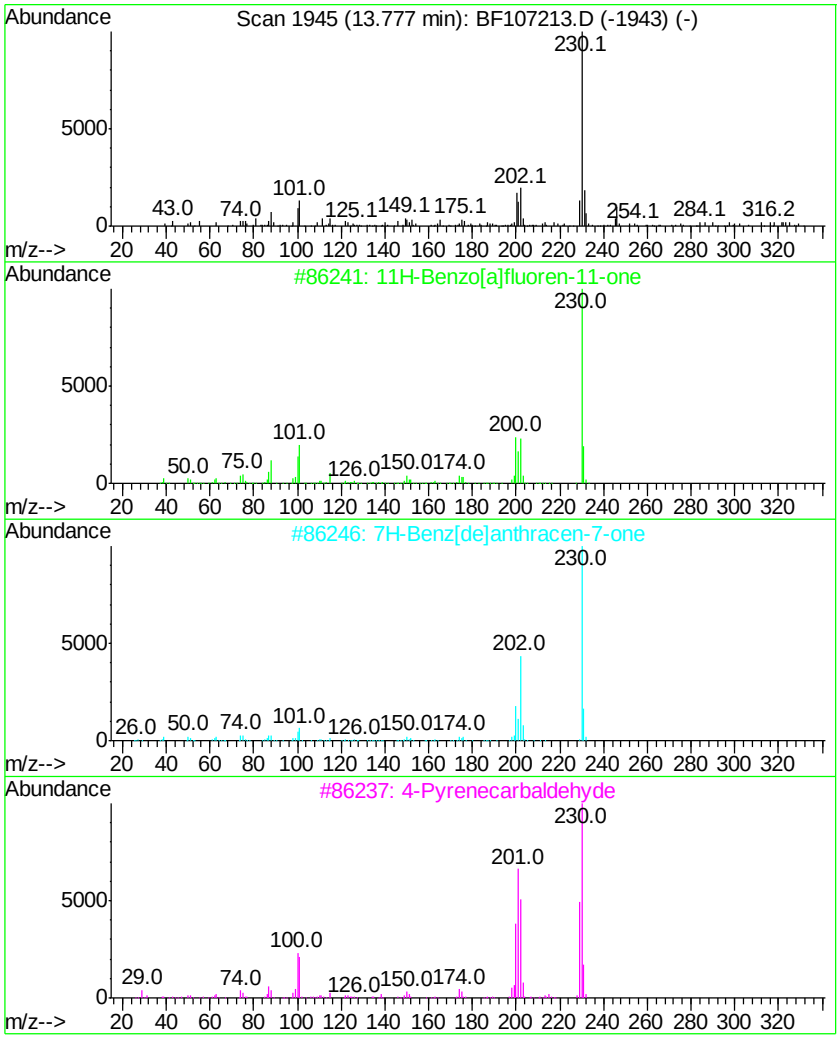
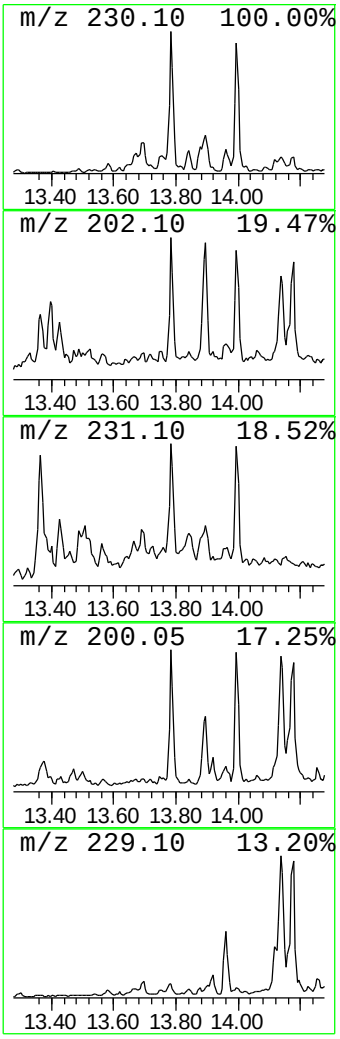
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	2.20 ng	109347	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	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	83
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
5	o-Terphenyl	230	C18H14	000084-15-1	58





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TIC Library : C:\DATABASE\NIST11.L
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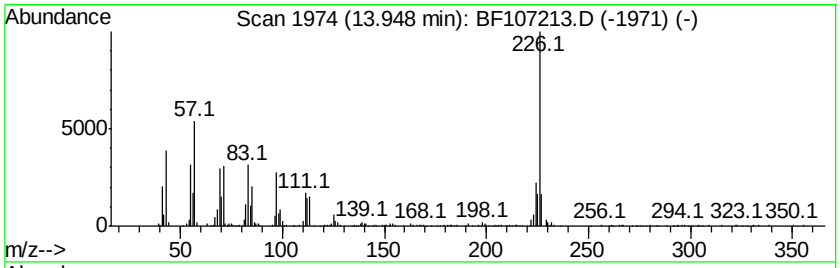
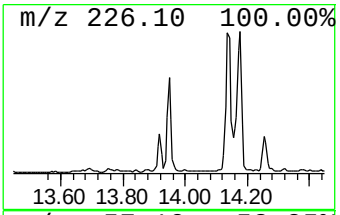
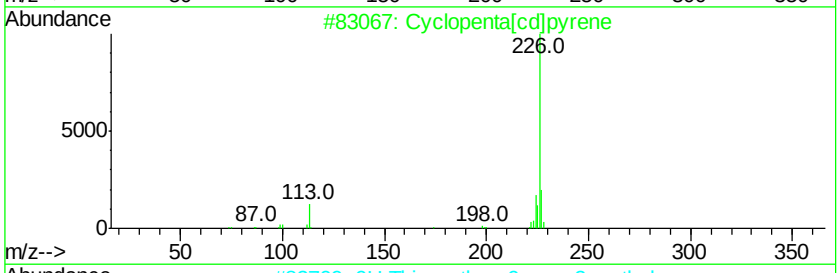
Peak Number 18 unknown13.95 Concentration Rank 6

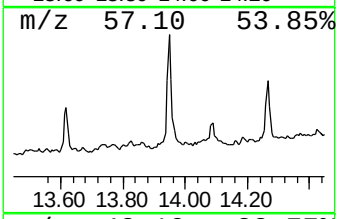
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	6.48 ng	322336	Chrysene-d12	14.15

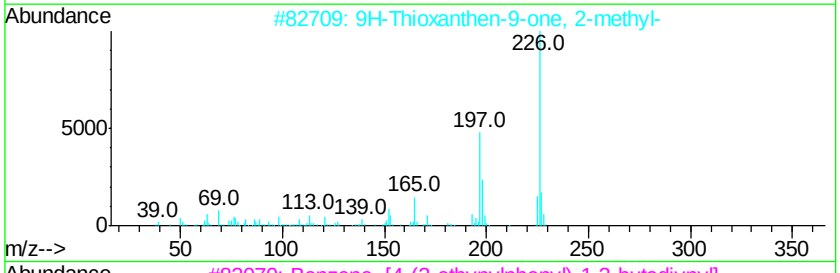
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	45
2	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	35
4	Trihexadecyl borate	735	C48H99BO3	002665-11-4	27
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	20

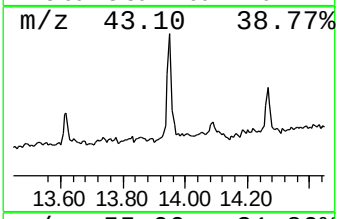


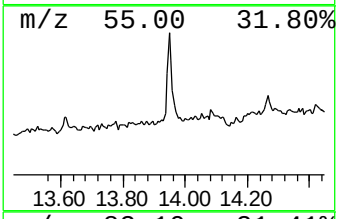


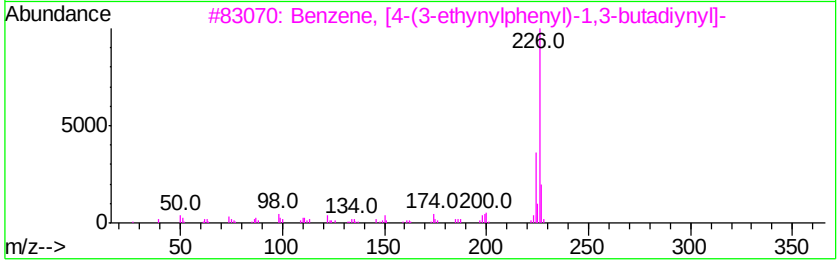


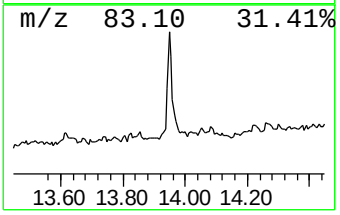












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107213.D
Acq On : 7 Jul 2018 18:13
Operator : JU/SJ
Sample : J3880-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-12

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

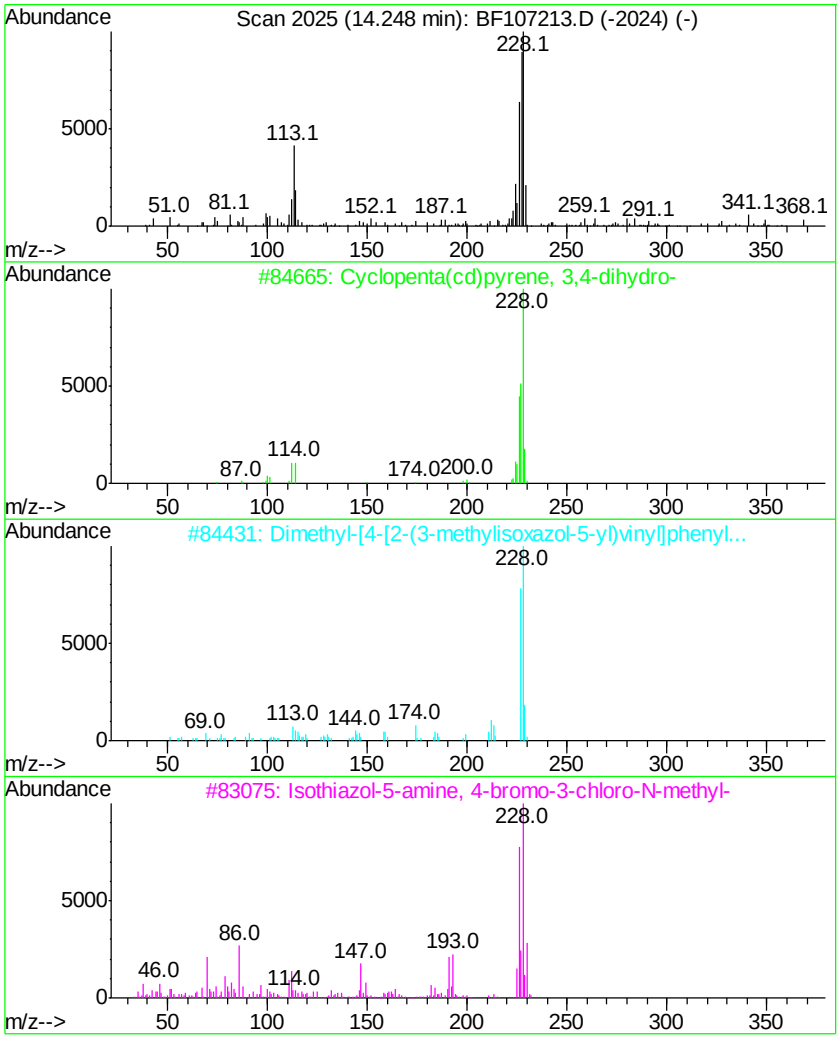
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

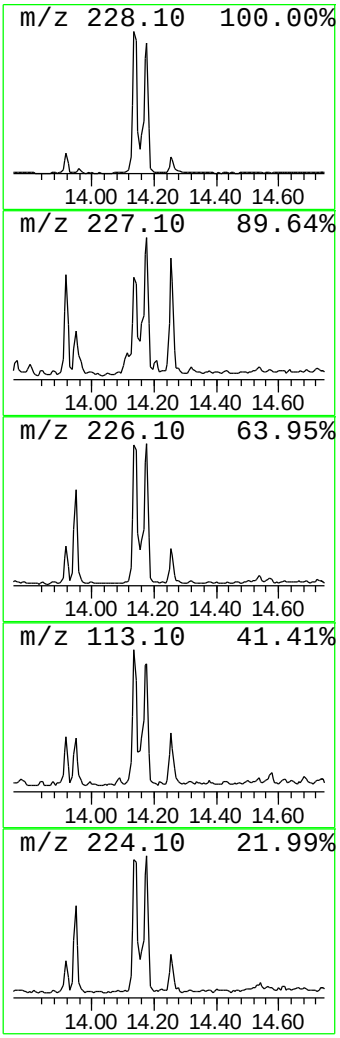
****

Peak Number 19 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.78 ng	138502	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	91
2	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	52
3	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47
5	Triphenylene	228	C18H12	000217-59-4	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107213.D
Acq On : 7 Jul 2018 18:13
Operator : JU/SJ
Sample : J3880-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-12

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

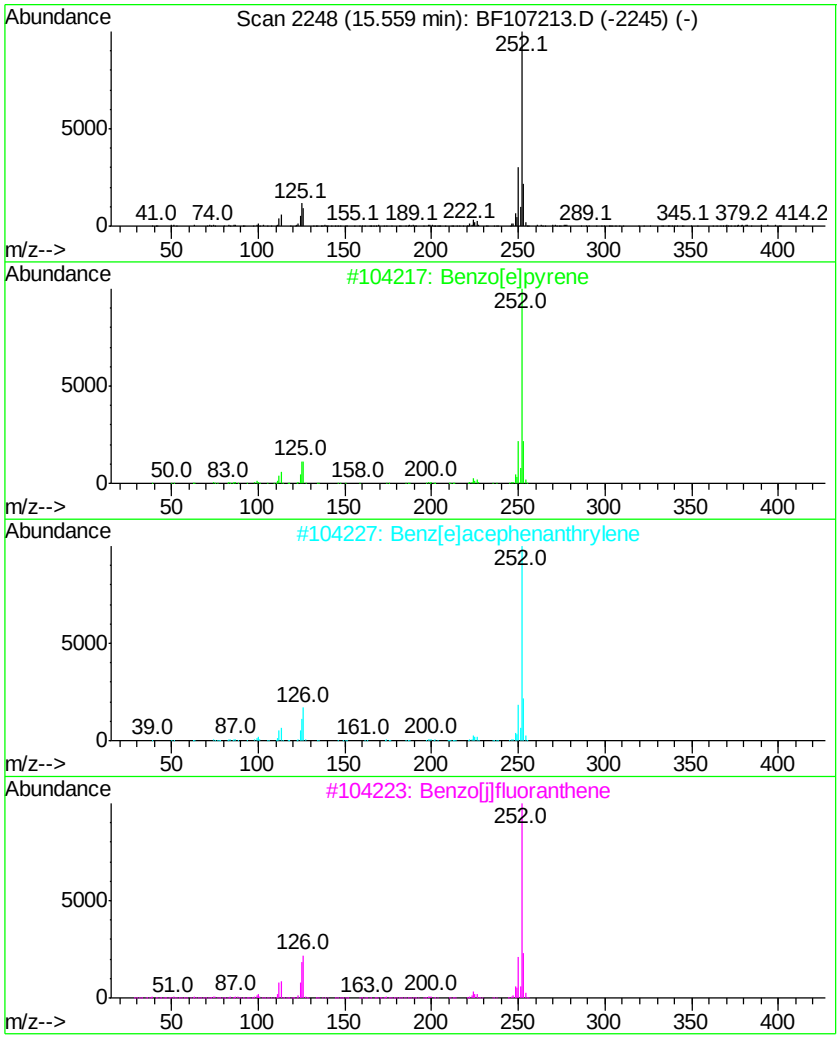
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

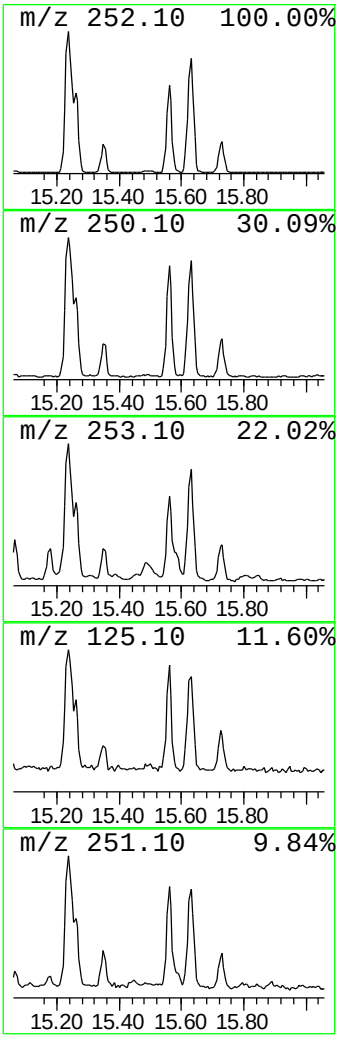
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	24.29 ng	258723	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
Data File : BF107213.D
Acq On : 7 Jul 2018 18:13
Operator : JU/SJ
Sample : J3880-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-12

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...	5.19	10.1	ng	209523	1	6.95	413538	20.0
unknown6.73	6.73	68.2	ng	1410890	1	6.95	413538	20.0
unknown10.61	10.61	2.2	ng	52499	3	10.00	479464	20.0
Tridecane, 5-propyl-	10.88	2.3	ng	59826	4	11.49	525434	20.0
unknown11.32	11.32	2.5	ng	66823	4	11.49	525434	20.0
Anthracene, 2-met...	11.99	4.2	ng	109115	4	11.49	525434	20.0
Anthracene, 1-met...	12.07	2.2	ng	58266	4	11.49	525434	20.0
4H-Cyclopenta[def...	12.11	7.9	ng	206498	4	11.49	525434	20.0
Naphthalene, 2-ph...	12.28	4.1	ng	108123	4	11.49	525434	20.0
9,10-Anthracenedione	12.32	2.8	ng	73885	4	11.49	525434	20.0
9,10-Dimethylanth...	12.54	4.6	ng	121652	4	11.49	525434	20.0
Cyclopenta(def)ph...	12.64	4.3	ng	113203	4	11.49	525434	20.0
Pyrene, 1-methyl-	13.17	3.2	ng	158652	5	14.15	995068	20.0
11H-Benzo[b]fluorene	13.27	3.8	ng	186987	5	14.15	995068	20.0
11H-Benzo[a]fluor...	13.78	2.2	ng	109347	5	14.15	995068	20.0
unknown13.95	13.95	6.5	ng	322336	5	14.15	995068	20.0
Cyclopenta(cd)pyr...	14.25	2.8	ng	138502	5	14.15	995068	20.0
Benzo[e]pyrene	15.56	24.3	ng	258723	6	15.69	213000	20.0