LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107208.D
Acq On : 7 Jul 2018 16:01
Operator : JU/SJ
Sample : J3879-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-1

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	5.184	480	484	496	rBV	118276	137776	12.00%	1.098%
2	5.590	550	553	572	rBV	986694	990750	86.27%	7.892%
3	6.595	720	724	739	rBV	982723	995028	86.64%	7.927%
4	6.725	742	746	750	rBV	1116033	984745	85.75%	7.845%
5	6.948	780	784	787	rBV	295385	248285	21.62%	1.978%
6	7.101	806	810	814	rBV	884529	767583	66.84%	6.115%
7	7.513	876	880	890	rBV	633800	598754	52.14%	4.770%
8	8.231	998	1002	1005	rBV	296884	266541	23.21%	2.123%
9	8.948	1120	1124	1128	rBV	18465	19319	1.68%	0.154%
10	9.301	1180	1184	1192	rBV	1173132	1026023	89.34%	8.173%
11	9.366	1192	1195	1198	rVV	15893	17638	1.54%	0.141%
12	9.407	1198	1202	1206	rVB	13942	13703	1.19%	0.109%
13	9.695	1245	1251	1258	rBV	249543	221956	19.33%	1.768%
14	9.854	1273	1278	1282	rBV	26049	27443	2.39%	0.219%
15	9.895	1282	1285	1289	rVB	16795	14802	1.29%	0.118%
16	9.989	1298	1301	1305	rBV	311303	263134	22.91%	2.096%
17	10.019	1305	1306	1313	rVB	21528	18490	1.61%	0.147%
18	10.195	1332	1336	1339	rBV2	15146	15066	1.31%	0.120%
19	10.395	1367	1370	1372	rBV2	22694	18591	1.62%	0.148%
20	10.542	1391	1395	1401	rVB2	19490	21885	1.91%	0.174%
21	10.613	1401	1407	1411	rBV4	9307	15639	1.36%	0.125%
22	10.783	1433	1436	1448	rBV	583904	596386	51.93%	4.751%
23	10.878	1448	1452	1454	rBV2	20260	26514	2.31%	0.211%
24	11.089	1482	1488	1490	rBV5	9266	13337	1.16%	0.106%
25	11.295	1518	1523	1525	rBV	14598	18364	1.60%	0.146%
26	11.319	1525	1527	1530	rVV3	16102	16531	1.44%	0.132%
27	11.483	1552	1555	1557	rBV	334955	287952	25.07%	2.294%
28	11.507	1557	1559	1564	rVB	226409	190170	16.56%	1.515%
29	11.560	1565	1568	1572	rBV	69731	61133	5.32%	0.487%
30	11.725	1593	1596	1598	rBV	17965	17965	1.56%	0.143%
31	11.742	1598	1599	1602	rVB	18146	12911	1.12%	0.103%
32	11.825	1610	1613	1617	rVB5	11545	13299	1.16%	0.106%
33	11.989	1637	1641	1643	rBV	33759	34589	3.01%	0.276%
34	12.013	1643	1645	1648	rVV	43379	42338	3.69%	0.337%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3879-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-1

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	12.066	1651	1654	1657	rVB	23866	21551	1.88%	0.172%
36	12.101	1657	1660	1662	rBV2	57303	65044	5.66%	0.518%
37	12.125	1662	1664	1666	rVB	26022	21610	1.88%	0.172%
38	12.154	1666	1669	1674	rBV2	12227	17027	1.48%	0.136%
39	12.277	1687	1690	1693	rBV	32529	34000	2.96%	0.271%
40	12.319	1694	1697	1701	rVB2	23417	23121	2.01%	0.184%
41	12.430	1711	1716	1719	rBV5	20723	30917	2.69%	0.246%
42	12.460	1719	1721	1723	rBV	18492	14514	1.26%	0.116%
43	12.536	1731	1734	1737	rBV2	51105	53359	4.65%	0.425%
44	12.630	1746	1750	1757	rBV3	31526	53716	4.68%	0.428%
45	12.707	1759	1763	1766	rBV	477567	428207	37.29%	3.411%
46	12.801	1777	1779	1783	rBV	17898	15848	1.38%	0.126%
47	12.877	1790	1792	1795	rVB3	17992	14860	1.29%	0.118%
48	12.919	1795	1799	1800	rBV2	92771	101738	8.86%	0.810%
49	12.936	1800	1802	1807	rVV	444298	413057	35.97%	3.290%
50	12.983	1808	1810	1814	rVB	35371	34671	3.02%	0.276%
51	13.066	1820	1824	1828	rBV	1204309	1148421	100.00%	9.148%
52	13.101	1828	1830	1834	rVB	25878	25014	2.18%	0.199%
53	13.154	1835	1839	1844	rBV3	34028	67987	5.92%	0.542%
54	13.330	1867	1869	1871	rVB	37825	25799	2.25%	0.206%
55	13.372	1873	1876	1878	rVV2	40262	39338	3.43%	0.313%
56	13.466	1889	1892	1894	rBV	47441	47535	4.14%	0.379%
57	13.495	1895	1897	1899	rVV	36639	31815	2.77%	0.253%
58	13.777	1943	1945	1948	rBV	58646	52666	4.59%	0.420%
59	13.942	1970	1973	1979	rBV4	100806	147572	12.85%	1.176%
60	13.989	1979	1981	1988	rVV	50477	70779	6.16%	0.564%
61	14.142	2002	2007	2009	rBV2	379663	540608	47.07%	4.307%
62	14.166	2009	2011	2014	rVB	205131	179921	15.67%	1.433%
63	15.224	2188	2191	2203	rVB	177663	391521	34.09%	3.119%
64	15.548	2244	2246	2252	rVB	92752	108741	9.47%	0.866%
65	15.618	2255	2258	2265	rVV	116160	147727	12.86%	1.177%
66	15.683	2266	2269	2273	rVV2	143329	169791	14.78%	1.353%

Sum of corrected areas: 12553115

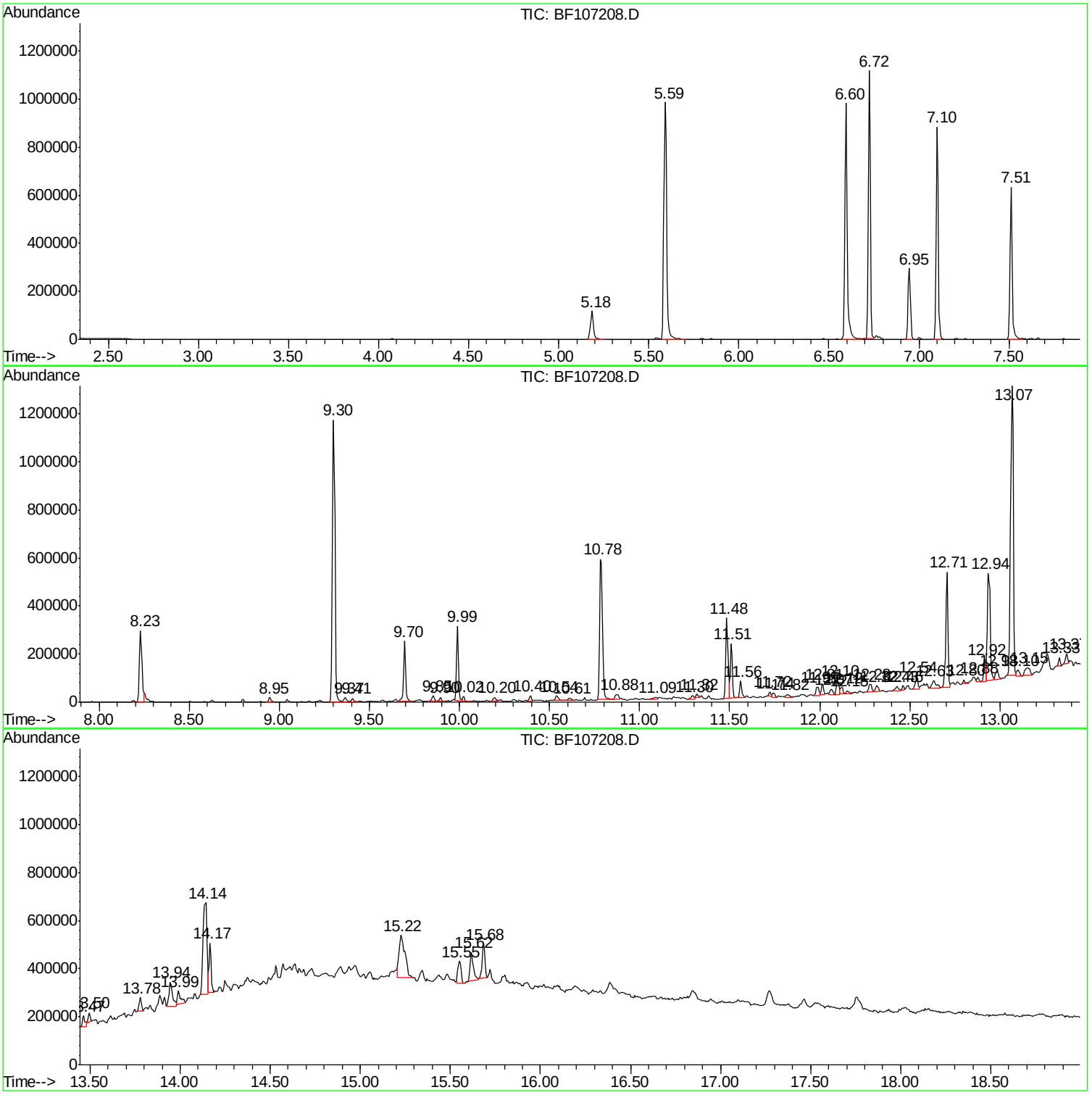
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107208.D
Acq On : 7 Jul 2018 16:01
Operator : JU/SJ
Sample : J3879-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1

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\BF070718\
Data File : BF107208.D
Acq On : 7 Jul 2018 16:01
Operator : JU/SJ
Sample : J3879-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-1

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

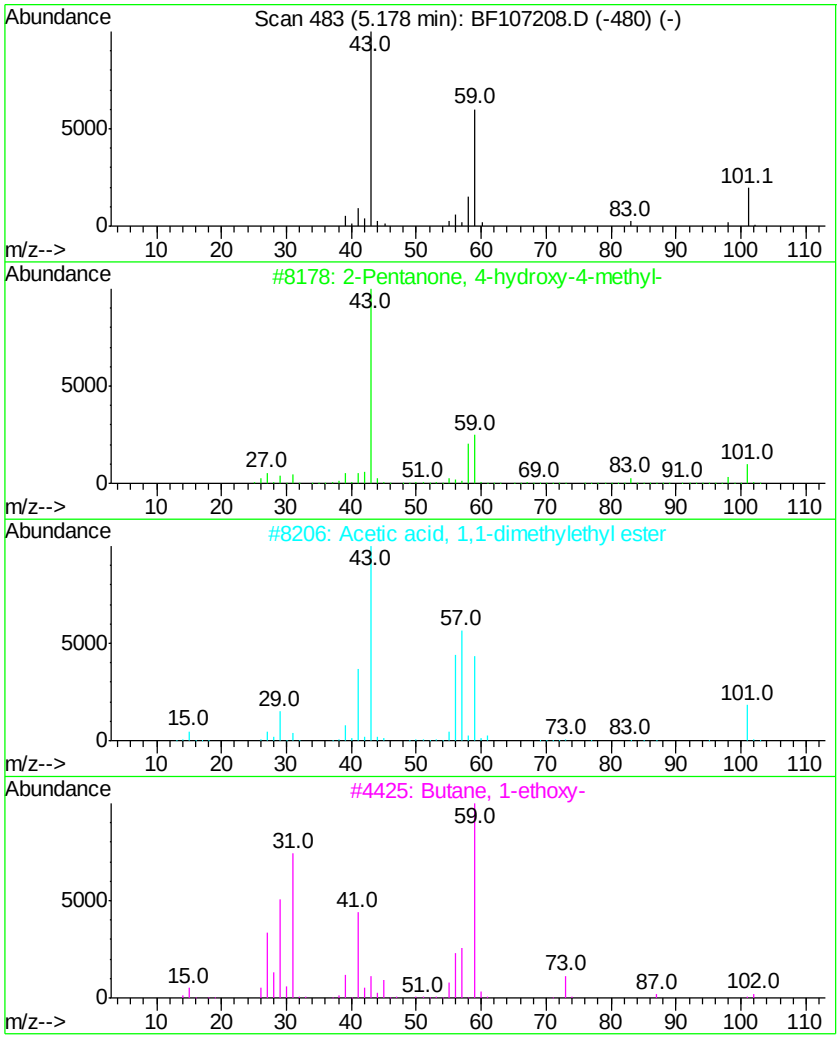
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

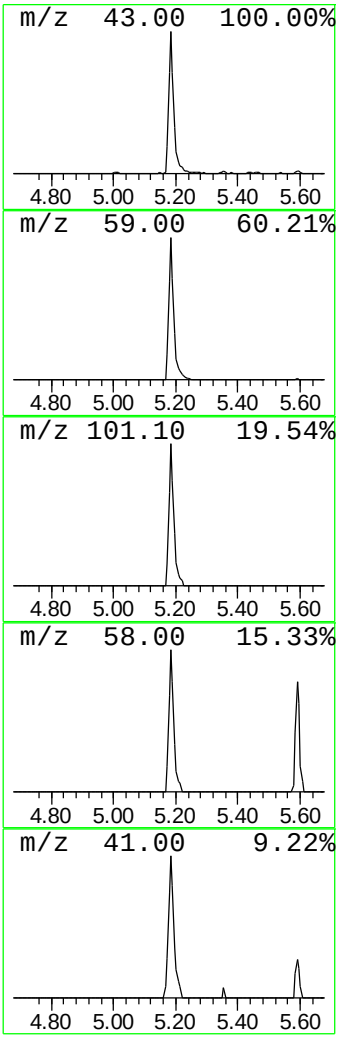
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	11.10 ng	137776	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	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107208.D
Acq On : 7 Jul 2018 16:01
Operator : JU/SJ
Sample : J3879-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-1

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

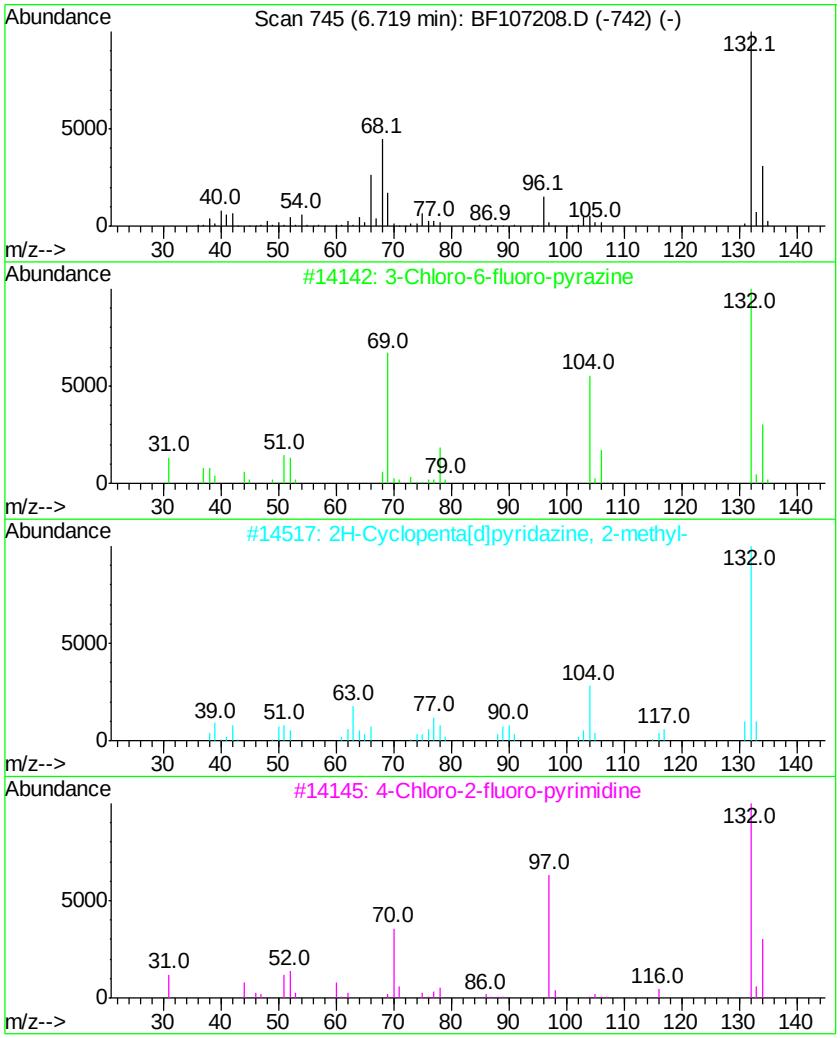
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

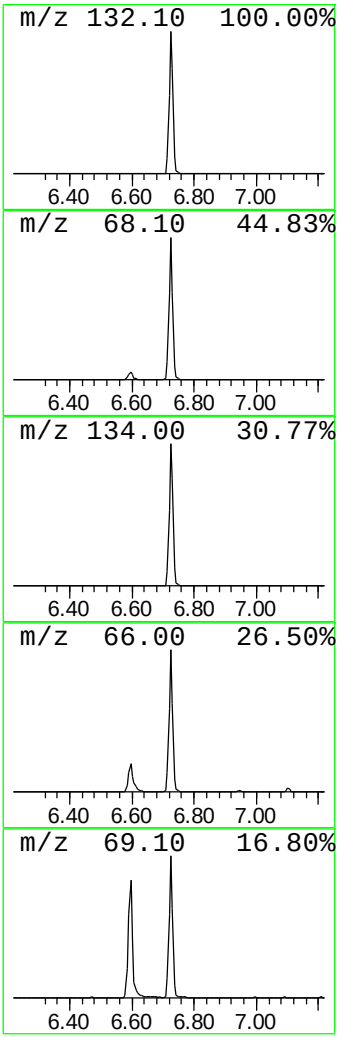
****

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	79.32 ng	984745	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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Data File : BF107208.D
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Operator : JU/SJ
Sample : J3879-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-1

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

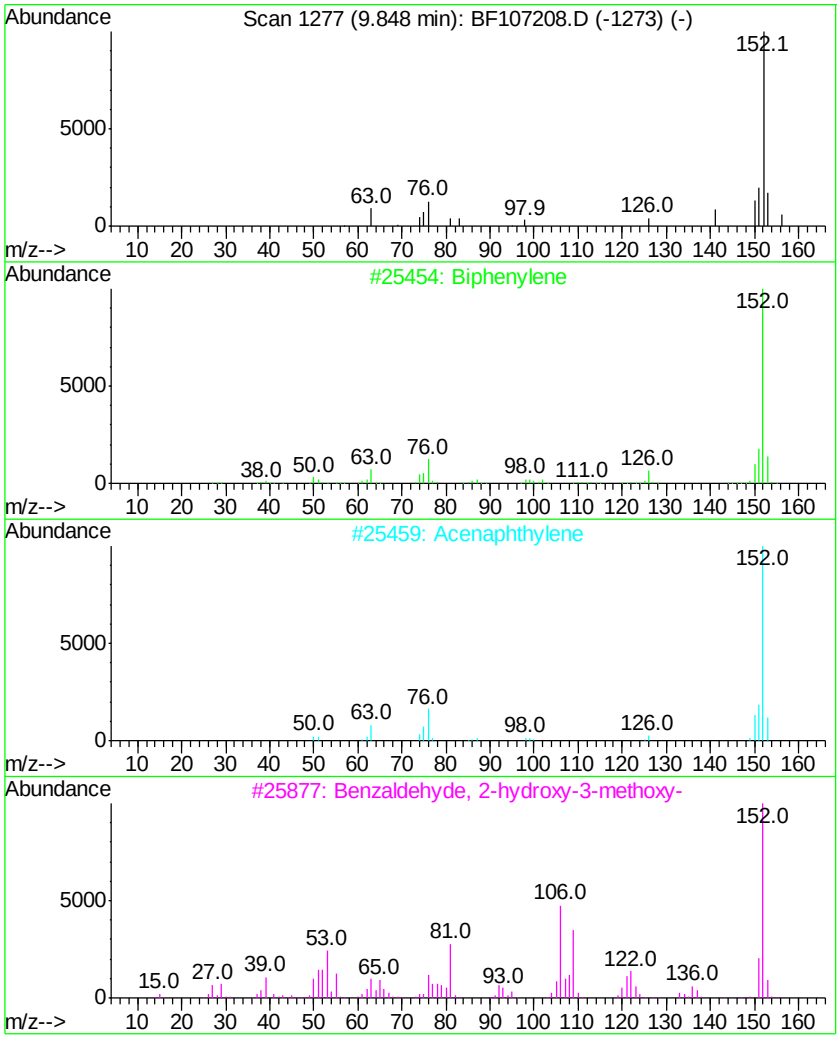
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

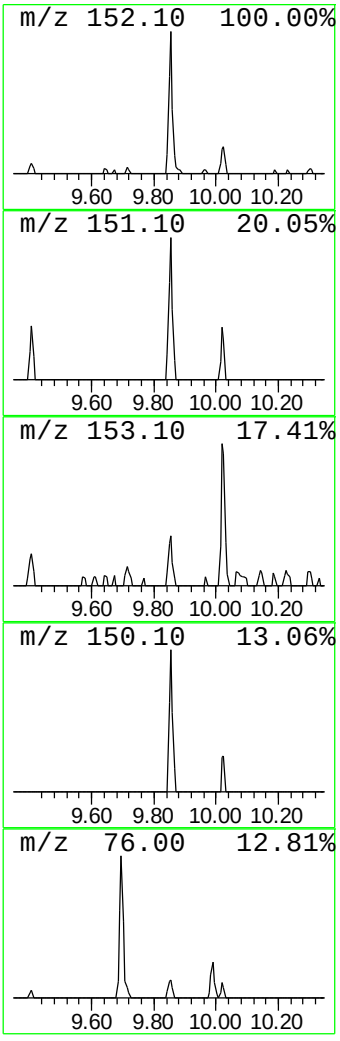
****

Peak Number 4 Biphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.09 ng	27443	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	86
2	Acenaphthylene	152	C12H8	000208-96-8	78
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	50
4	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	40
5	3,4-Methylenedioxyanisole	152	C8H8O3	007228-35-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107208.D
Acq On : 7 Jul 2018 16:01
Operator : JU/SJ
Sample : J3879-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-1

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
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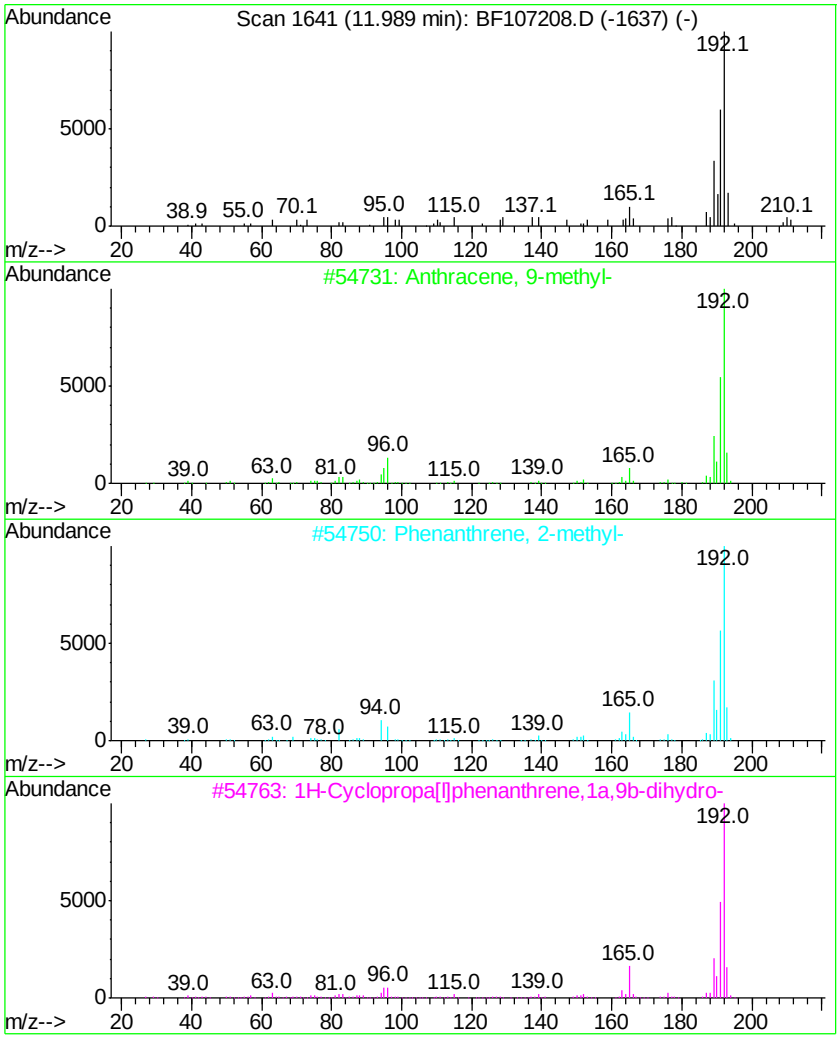
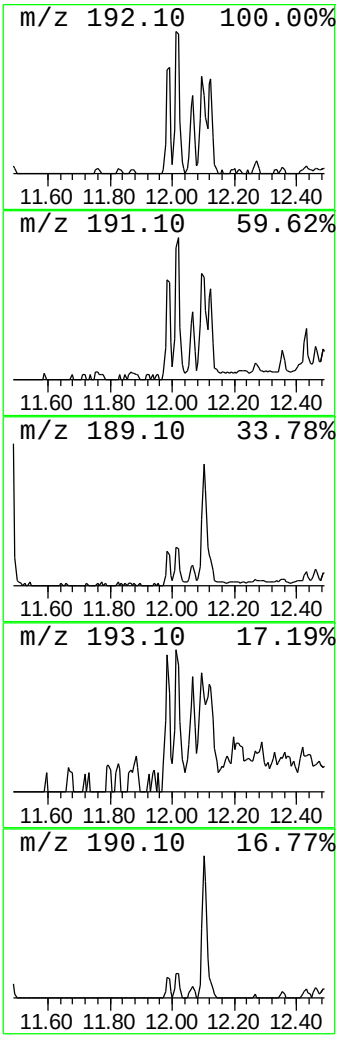
Peak Number 5 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.40 ng	34589	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107208.D
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Operator : JU/SJ
Sample : J3879-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-1

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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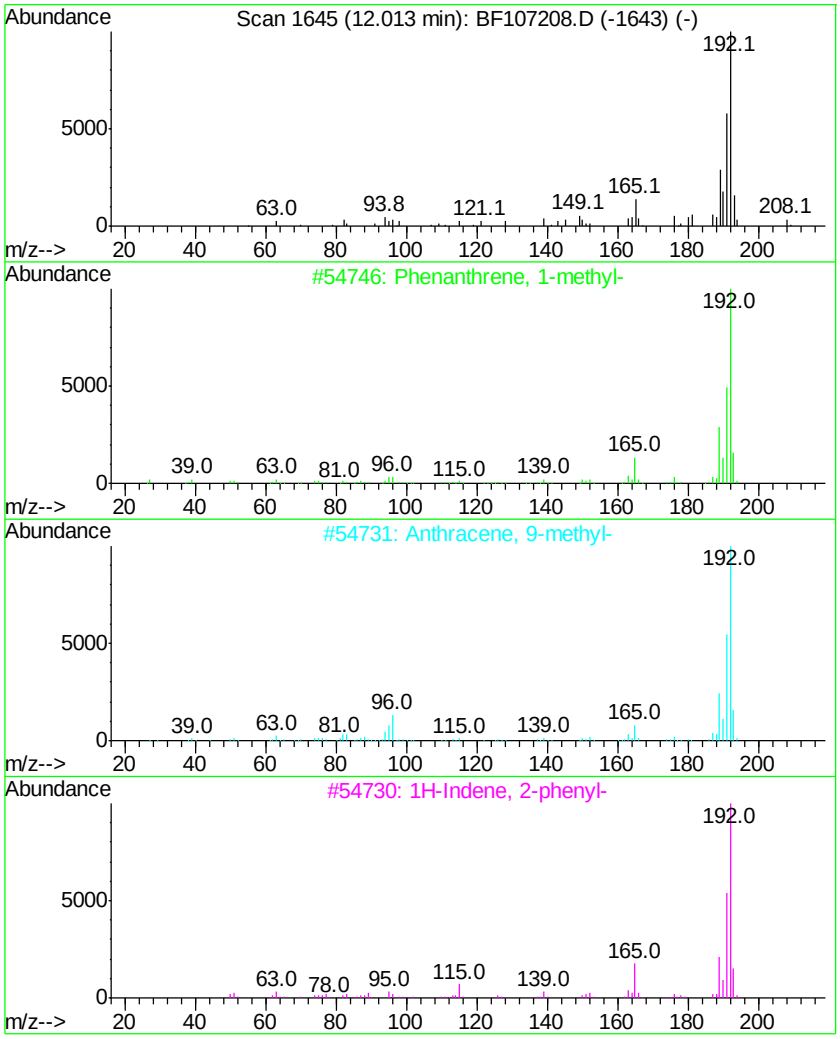
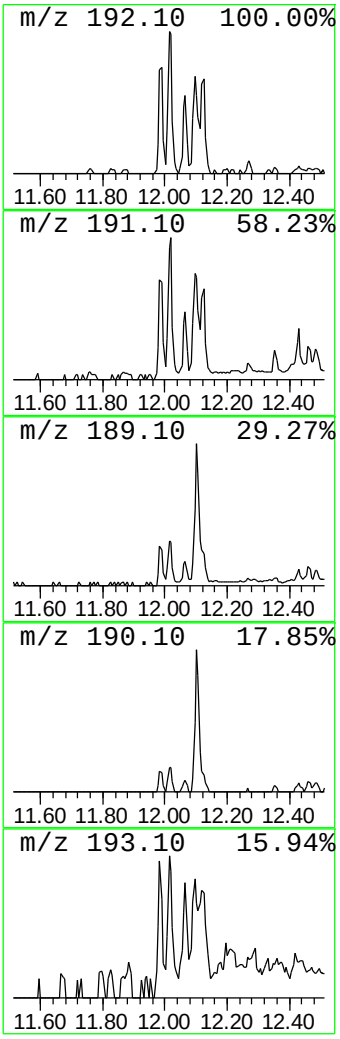
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.94 ng	42338	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





Library Search Compound Report

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Acq On : 7 Jul 2018 16:01
Operator : JU/SJ
Sample : J3879-01
Misc :
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Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-1

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

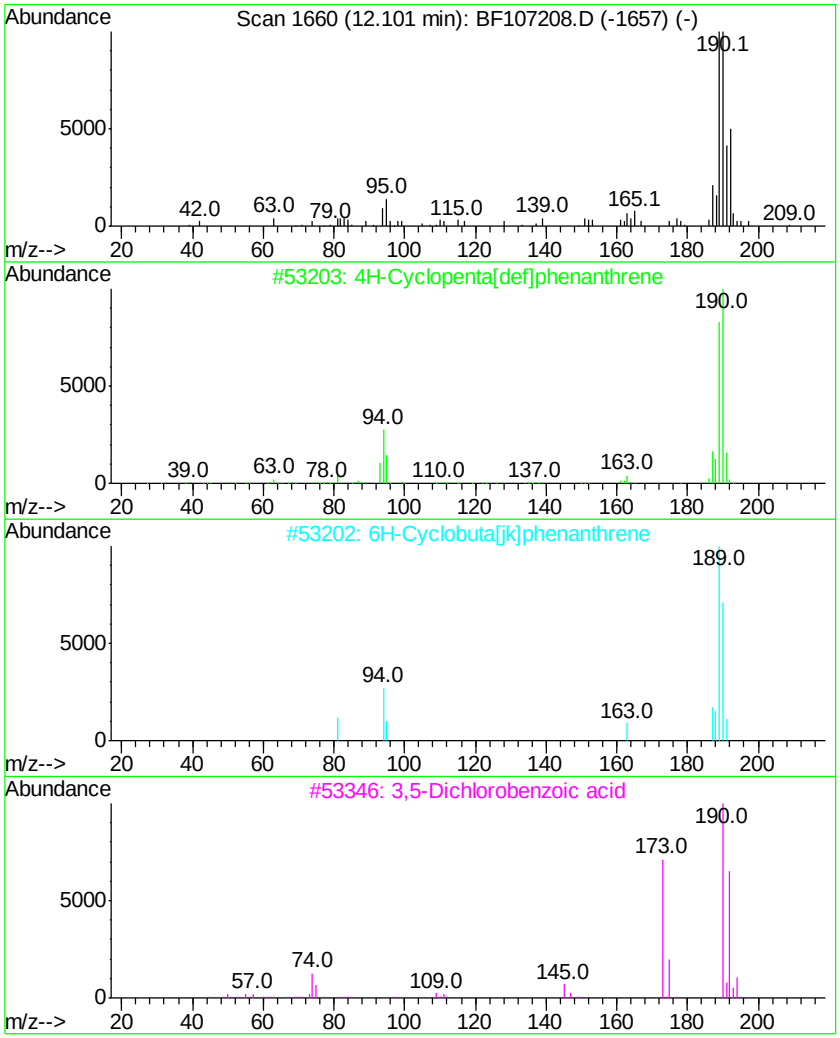
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

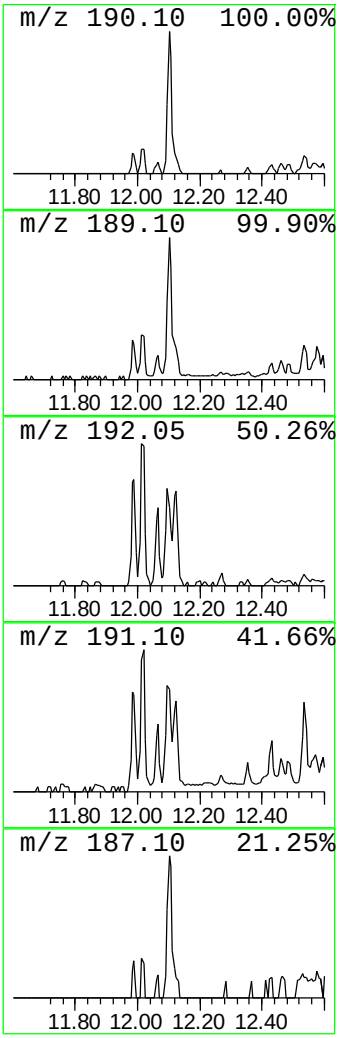
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	4.52 ng	65044	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	35
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107208.D
Acq On : 7 Jul 2018 16:01
Operator : JU/SJ
Sample : J3879-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-1

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

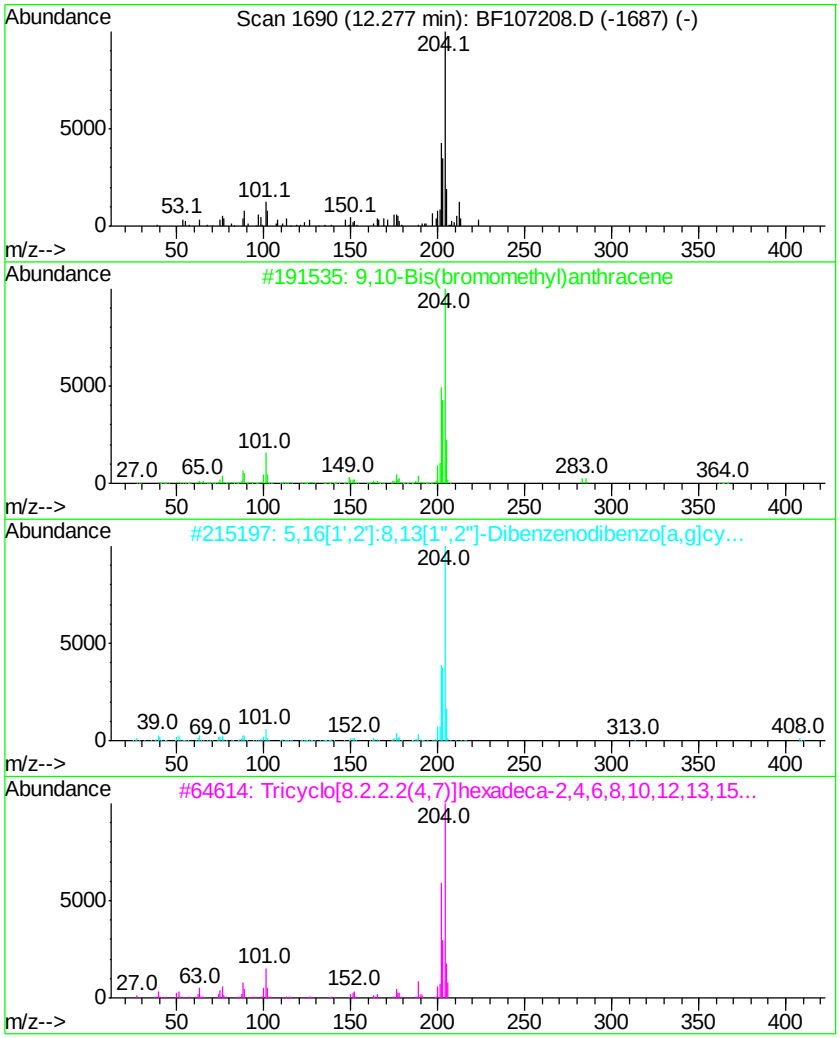
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

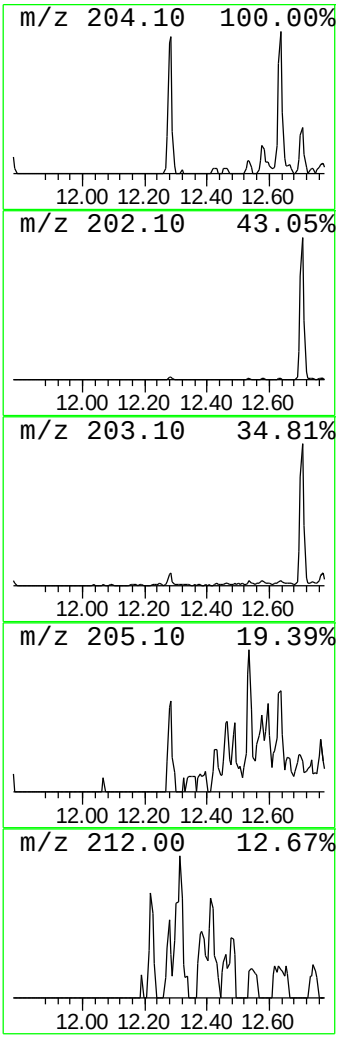
****

Peak Number 8 9,10-Bis(bromomethyl)anthra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.36 ng	34000	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	80
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Tetramisole	204	C11H12N2S	005036-02-2	47





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Data File : BF107208.D
Acq On : 7 Jul 2018 16:01
Operator : JU/SJ
Sample : J3879-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-1

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

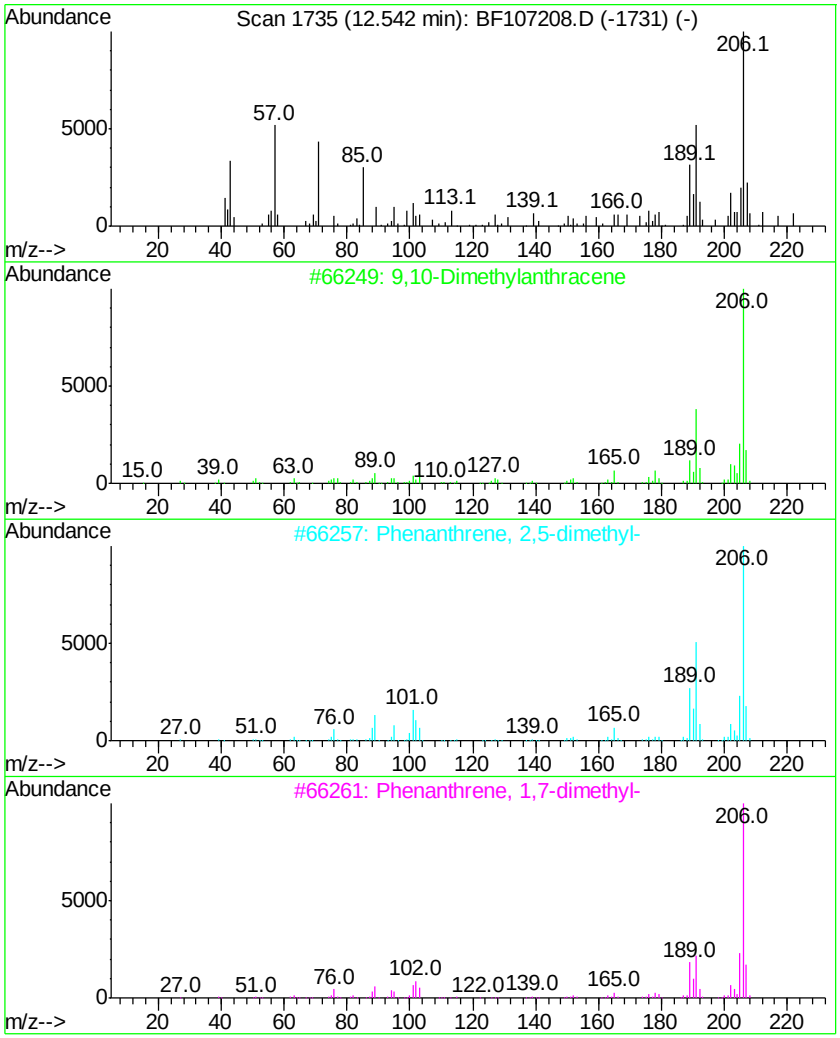
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

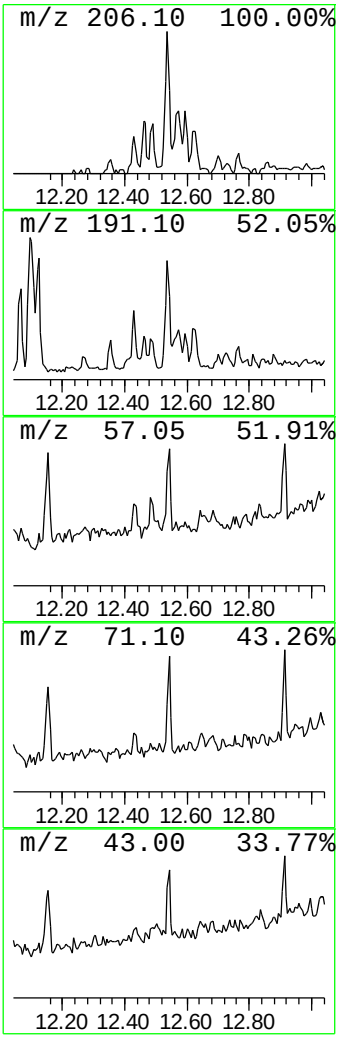
****

Peak Number 10 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	3.71 ng	53359	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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Operator : JU/SJ
Sample : J3879-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-1

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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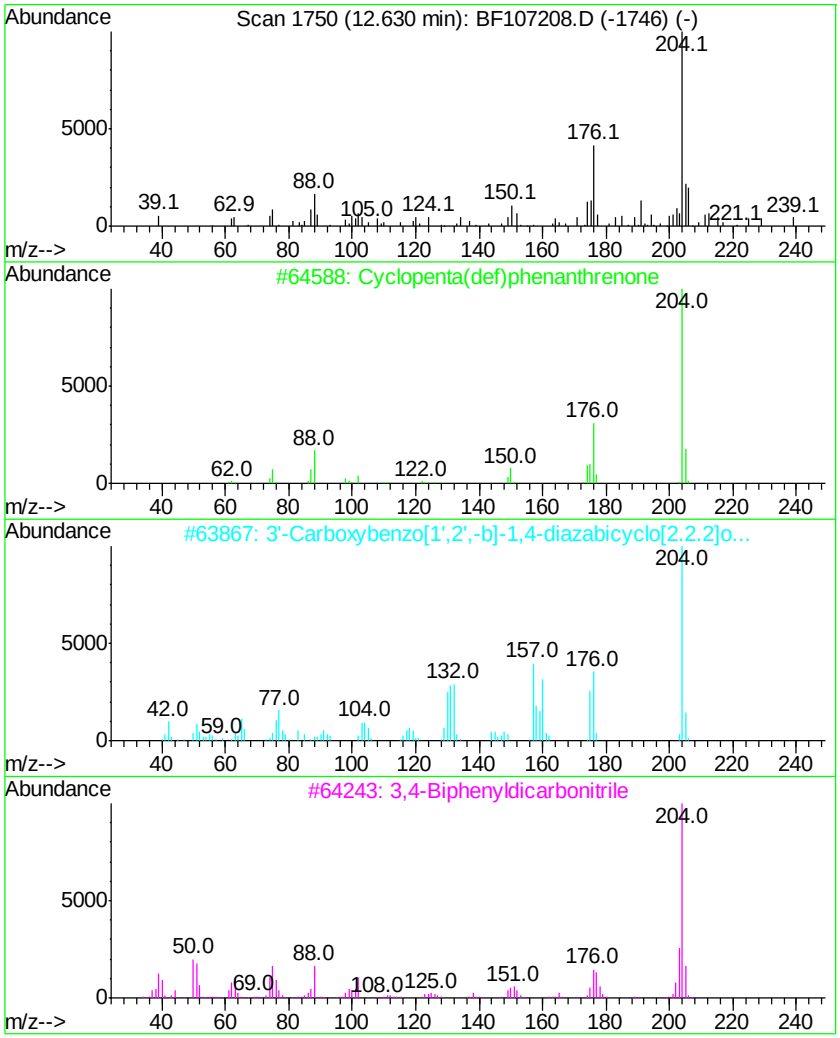
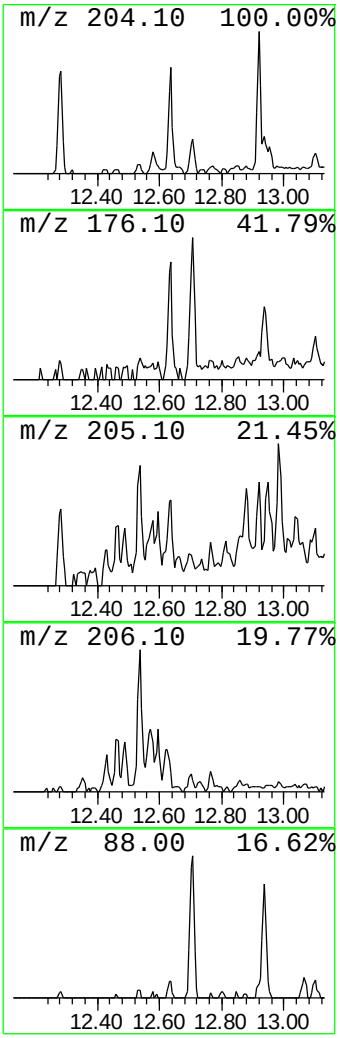
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.73 ng	53716	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	50
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	43





Library Search Compound Report

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Data File : BF107208.D
Acq On : 7 Jul 2018 16:01
Operator : JU/SJ
Sample : J3879-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-1

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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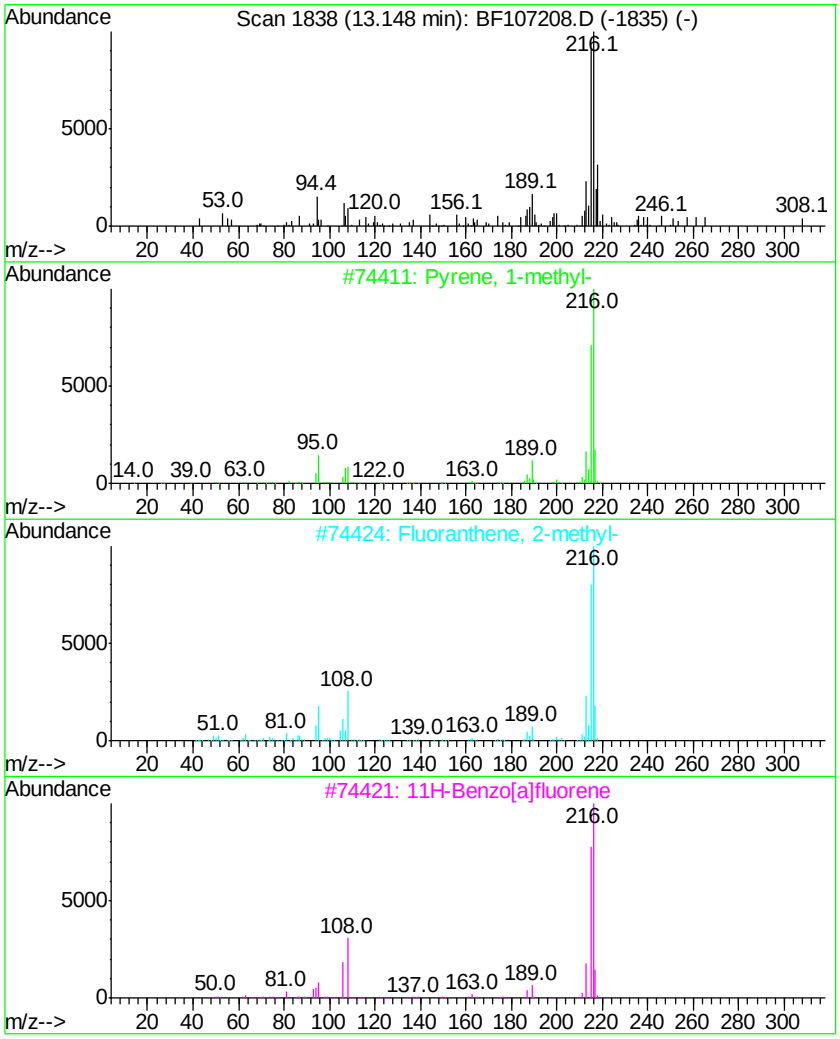
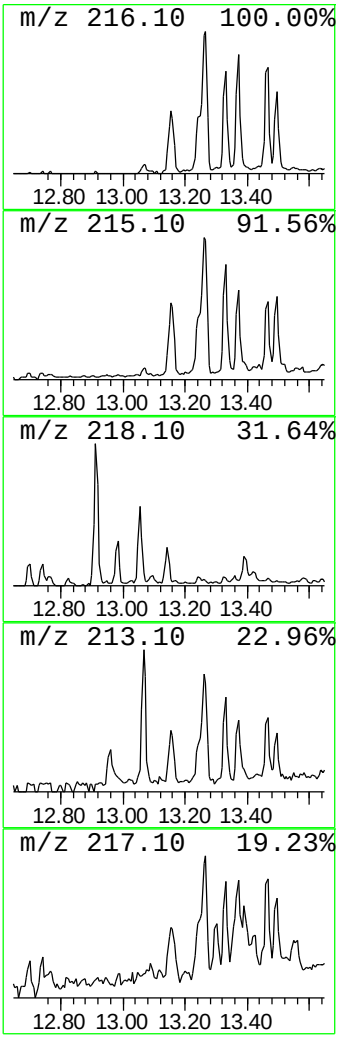
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.52 ng	67987	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59





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Operator : JU/SJ
Sample : J3879-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-1

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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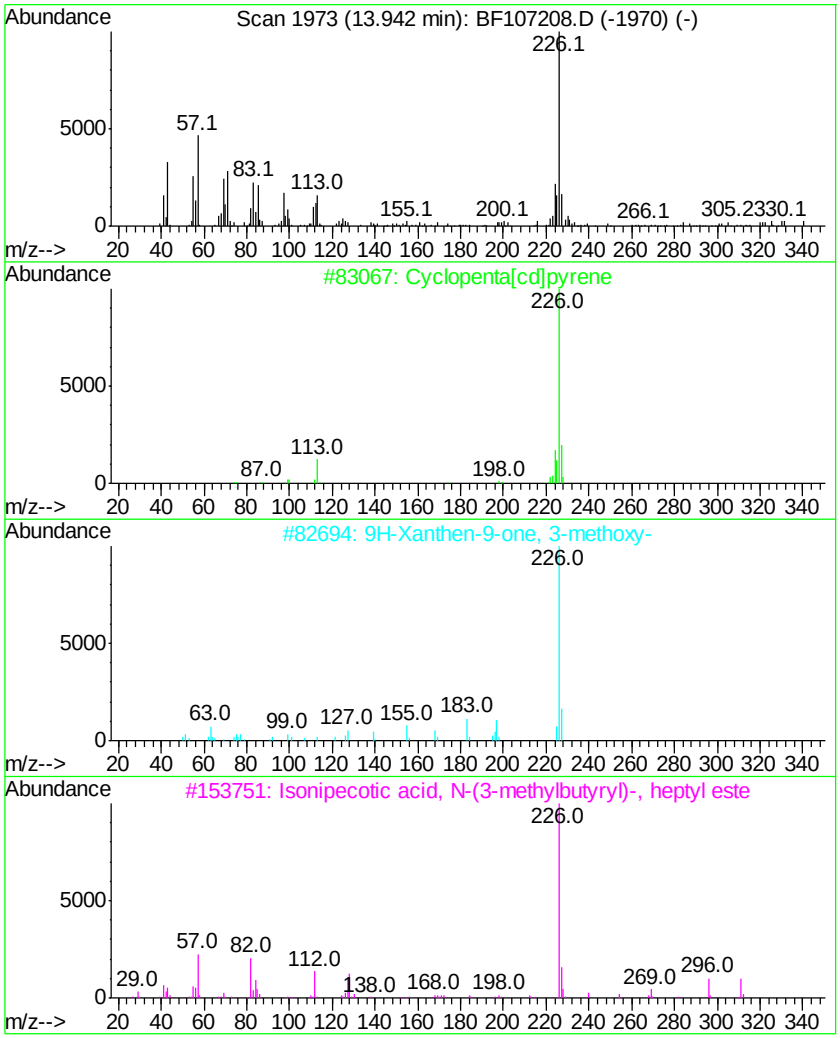
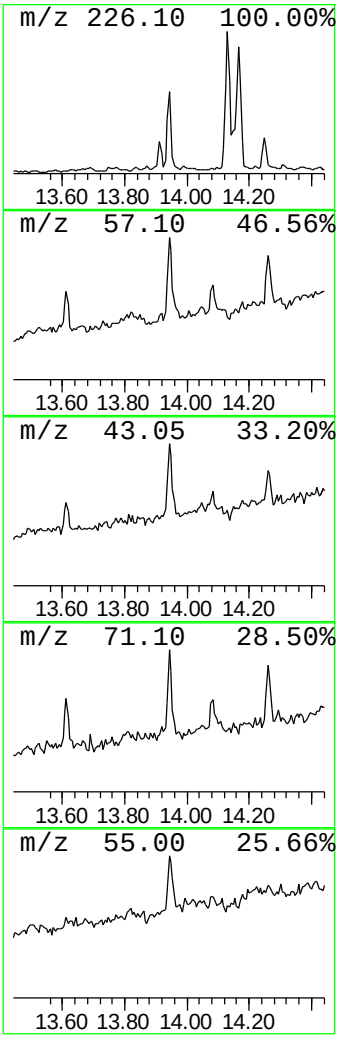
Peak Number 13 Cyclopenta[cd]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	5.46 ng	147572	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
2	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	43
3	Isonipecotic acid, N-(3-methylbu...	311	C18H33NO3	1000360-99-1	43
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	43
5	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
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Acq On : 7 Jul 2018 16:01
Operator : JU/SJ
Sample : J3879-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-1

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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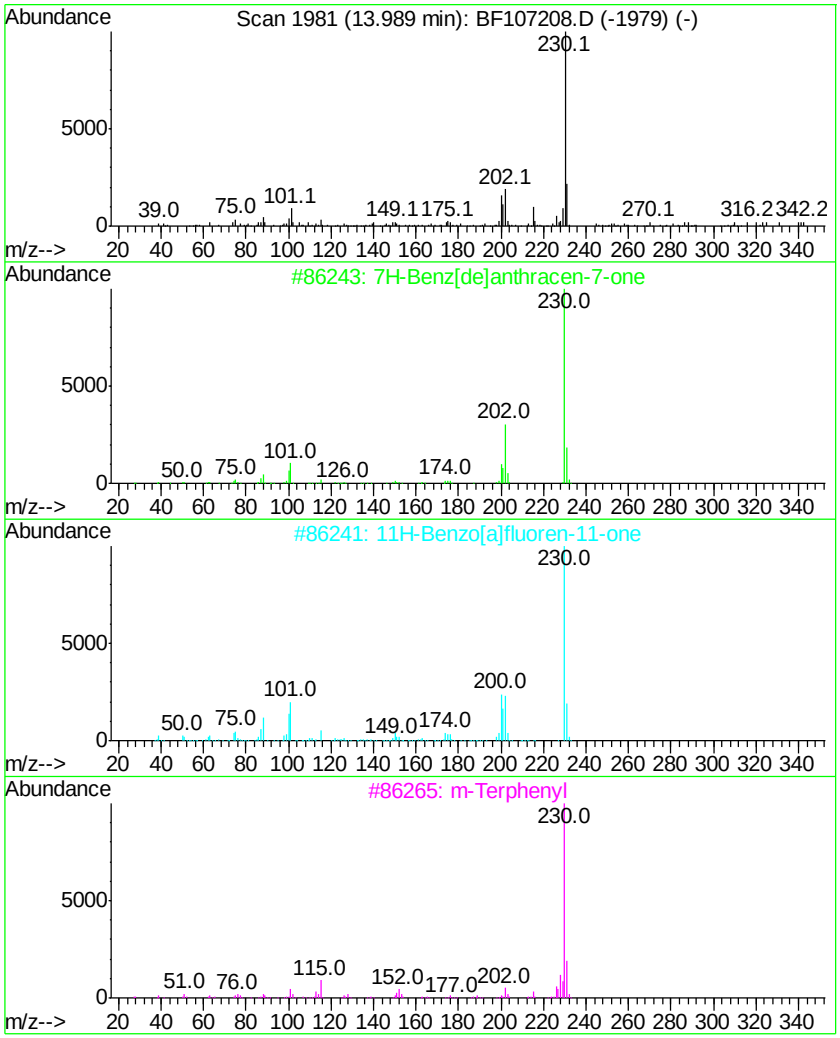
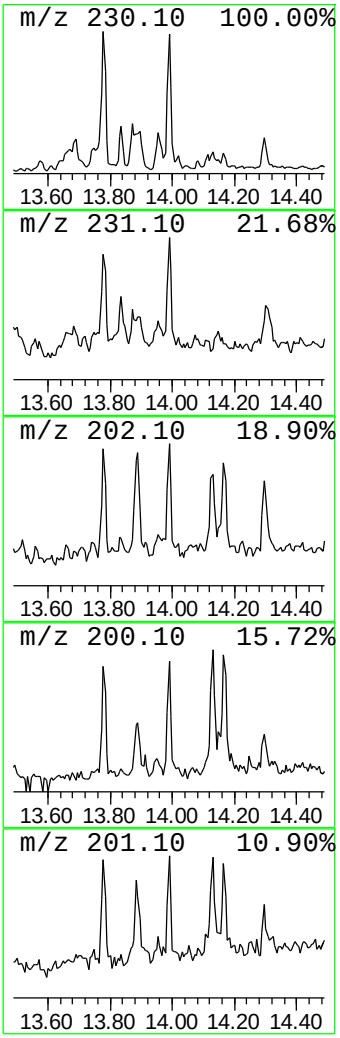
Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	2.62 ng	70779	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	72
3	m-Terphenyl	230	C18H14	000092-06-8	64
4	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59
5	p-Terphenyl	230	C18H14	000092-94-4	59





Library Search Compound Report

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Sample : J3879-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-1

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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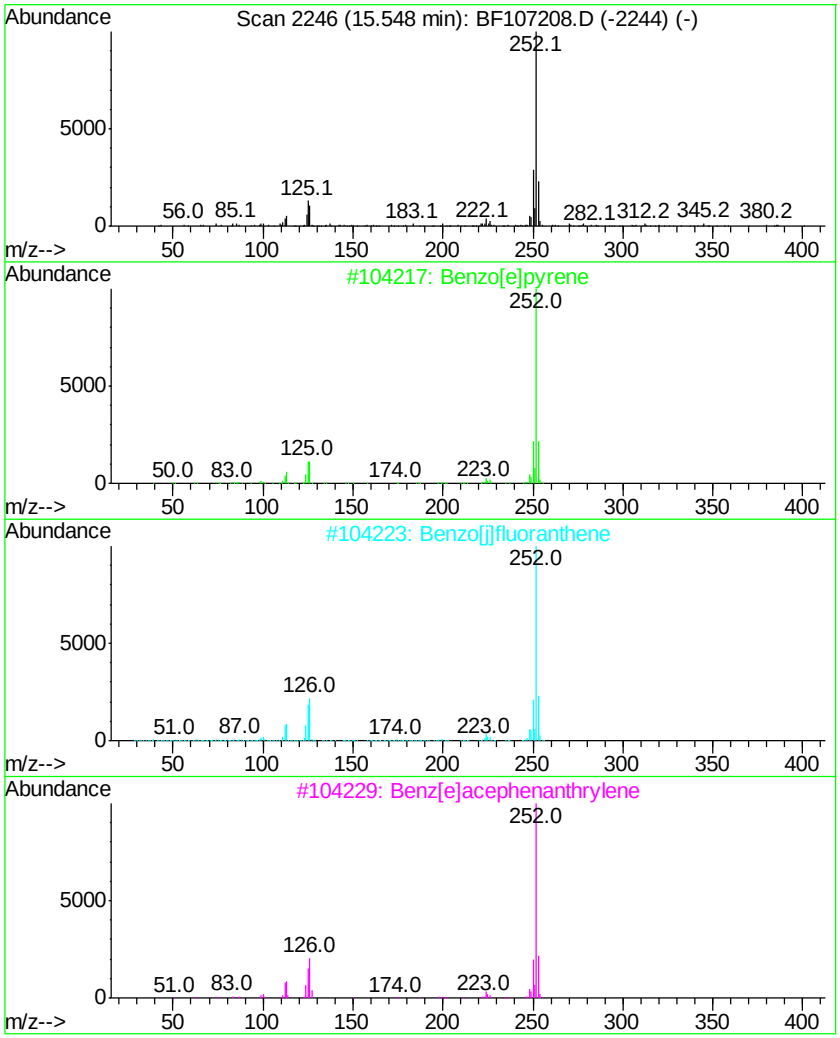
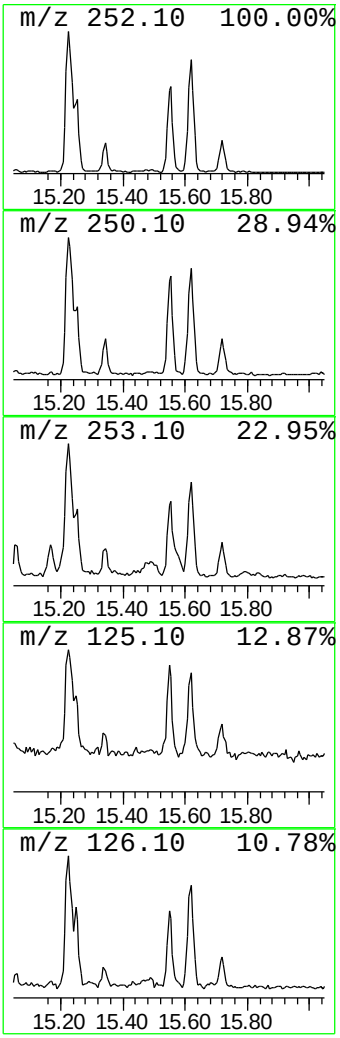
Peak Number 15 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	12.81 ng	108741	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
Data File : BF107208.D
Acq On : 7 Jul 2018 16:01
Operator : JU/SJ
Sample : J3879-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-1

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...	5.18	11.1	ng	137776	1	6.95	248285	20.0
unknown6.72	6.72	79.3	ng	984745	1	6.95	248285	20.0
Biphenylene	9.85	2.1	ng	27443	3	9.99	263134	20.0
Anthracene, 9-met...	11.99	2.4	ng	34589	4	11.48	287952	20.0
Phenanthrene, 1-m...	12.01	2.9	ng	42338	4	11.48	287952	20.0
4H-Cyclopenta[def...	12.10	4.5	ng	65044	4	11.48	287952	20.0
9,10-Bis(bromomet...	12.28	2.4	ng	34000	4	11.48	287952	20.0
9,10-Dimethylanth...	12.54	3.7	ng	53359	4	11.48	287952	20.0
Cyclopenta(def)ph...	12.63	3.7	ng	53716	4	11.48	287952	20.0
Pyrene, 1-methyl-	13.15	2.5	ng	67987	5	14.14	540608	20.0
Cyclopenta[cd]pyrene	13.94	5.5	ng	147572	5	14.14	540608	20.0
7H-Benz[de]anthra...	13.99	2.6	ng	70779	5	14.14	540608	20.0
Benzo[e]pyrene	15.55	12.8	ng	108741	6	15.68	169791	20.0