LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107203.D
Acq On : 7 Jul 2018 13:49
Operator : JU/SJ
Sample : J3881-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-21

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	497	rBV	132128	162789	12.75%	1.004%
2	5.590	549	553	574	rVB	1016937	1055212	82.66%	6.509%
3	6.590	719	723	736	rBV	1066064	1082152	84.77%	6.675%
4	6.725	742	746	749	rBV	1112674	1080142	84.61%	6.663%
5	6.760	749	752	759	rVB4	16975	16306	1.28%	0.101%
6	6.942	780	783	787	rBV	410433	335422	26.27%	2.069%
7	7.101	806	810	813	rBV	988960	887882	69.55%	5.477%
8	7.513	875	880	889	rBV	698131	710490	55.65%	4.383%
9	8.225	997	1001	1012	rBV	424989	455308	35.67%	2.809%
10	8.942	1118	1123	1129	rBV	36116	33965	2.66%	0.210%
11	9.042	1136	1140	1144	rBV	19247	16321	1.28%	0.101%
12	9.301	1179	1184	1187	rBV	1397968	1276619	100.00%	7.875%
13	9.360	1192	1194	1198	rVV2	17597	18695	1.46%	0.115%
14	9.401	1198	1201	1206	rVB2	20493	18932	1.48%	0.117%
15	9.572	1225	1230	1234	rBV	14893	19584	1.53%	0.121%
16	9.642	1239	1242	1244	rVV	17331	16467	1.29%	0.102%
17	9.695	1244	1251	1256	rVB	148933	162932	12.76%	1.005%
18	9.848	1273	1277	1281	rBV	27600	26690	2.09%	0.165%
19	9.889	1281	1284	1287	rVB	19195	15850	1.24%	0.098%
20	9.983	1297	1300	1304	rBV	459174	421625	33.03%	2.601%
21	10.019	1304	1306	1311	rVB	81306	62027	4.86%	0.383%
22	10.189	1330	1335	1338	rBV2	36806	43095	3.38%	0.266%
23	10.389	1362	1369	1372	rBV2	33338	33763	2.64%	0.208%
24	10.536	1390	1394	1400	rVB	57005	54168	4.24%	0.334%
25	10.601	1400	1405	1410	rBV6	17854	34827	2.73%	0.215%
26	10.689	1418	1420	1424	rVB2	18598	16376	1.28%	0.101%
27	10.783	1432	1436	1441	rBV	692643	684736	53.64%	4.224%
28	10.866	1447	1450	1454	rBV2	29069	39007	3.06%	0.241%
29	11.083	1481	1487	1489	rBV4	19387	27512	2.16%	0.170%
30	11.113	1489	1492	1495	rVB2	15268	16385	1.28%	0.101%
31	11.195	1503	1506	1507	rBV2	14029	14923	1.17%	0.092%
32	11.236	1510	1513	1517	rVB5	12997	18328	1.44%	0.113%
33	11.289	1518	1522	1524	rBV	25245	23378	1.83%	0.144%
34	11.319	1524	1527	1530	rVV2	32906	50275	3.94%	0.310%

LSC Area Percent Report

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Acq On : 7 Jul 2018 13:49
Operator : JU/SJ
Sample : J3881-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-21

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	11.378	1534	1537	1543	rVB2	22324	24041	1.88%	0.148%
36	11.477	1551	1554	1557	rBV	427645	431867	33.83%	2.664%
37	11.501	1557	1558	1562	rVV	296636	238769	18.70%	1.473%
38	11.560	1564	1568	1571	rBV	78703	76351	5.98%	0.471%
39	11.719	1588	1595	1597	rBV2	34127	43292	3.39%	0.267%
40	11.742	1597	1599	1602	rVB2	19954	16659	1.30%	0.103%
41	11.819	1609	1612	1615	rVB2	13798	16095	1.26%	0.099%
42	11.907	1625	1627	1630	rVB	15940	16178	1.27%	0.100%
43	11.948	1630	1634	1637	rBV4	8151	15643	1.23%	0.096%
44	11.983	1637	1640	1642	rVV	51098	52143	4.08%	0.322%
45	12.013	1642	1645	1648	rVV2	63523	64636	5.06%	0.399%
46	12.060	1650	1653	1656	rVV	35996	33298	2.61%	0.205%
47	12.095	1656	1659	1661	rVV2	87718	94708	7.42%	0.584%
48	12.119	1661	1663	1666	rVB	39625	31813	2.49%	0.196%
49	12.272	1686	1689	1693	rBV	53762	49196	3.85%	0.303%
50	12.313	1693	1696	1700	rVB2	27122	24720	1.94%	0.152%
51	12.425	1710	1715	1718	rBV5	23041	29271	2.29%	0.181%
52	12.483	1722	1725	1730	rVB3	35360	32906	2.58%	0.203%
53	12.530	1730	1733	1736	rBV2	58961	66735	5.23%	0.412%
54	12.630	1745	1750	1752	rBV2	39299	48398	3.79%	0.299%
55	12.701	1758	1762	1765	rBV	652548	570957	44.72%	3.522%
56	12.730	1765	1767	1770	rVB2	15431	15954	1.25%	0.098%
57	12.848	1785	1787	1789	rVB2	22323	16769	1.31%	0.103%
58	12.872	1789	1791	1794	rVB2	18632	14224	1.11%	0.088%
59	12.913	1794	1798	1799	rBV2	117773	131029	10.26%	0.808%
60	12.930	1799	1801	1806	rVB	573200	523722	41.02%	3.231%
61	12.977	1806	1809	1814	rBV	44050	40950	3.21%	0.253%
62	13.060	1819	1823	1827	rVV	1158513	1158792	90.77%	7.148%
63	13.095	1827	1829	1833	rVB	28743	30144	2.36%	0.186%
64	13.148	1833	1838	1843	rBV3	44163	86626	6.79%	0.534%
65	13.260	1854	1857	1860	rVB2	84684	92125	7.22%	0.568%
66	13.324	1865	1868	1870	rBV	57064	42874	3.36%	0.264%
67	13.366	1872	1875	1877	rVB2	45021	43778	3.43%	0.270%
68	13.460	1888	1891	1893	rBV	50502	47227	3.70%	0.291%
69	13.489	1893	1896	1901	rVV2	50400	58643	4.59%	0.362%
70	13.607	1914	1916	1918	rBV2	24999	21246	1.66%	0.131%
71	13.771	1941	1944	1948	rVB	65124	59466	4.66%	0.367%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3881-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-21

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	13.883	1960	1963	1965	rBV	59872	46237	3.62%	0.285%
73	13.907	1965	1967	1970	rVV2	52720	43515	3.41%	0.268%
74	13.942	1970	1973	1978	rVV4	147412	197887	15.50%	1.221%
75	13.983	1978	1980	1983	rVB	61365	53860	4.22%	0.332%
76	14.136	2001	2006	2008	rBV2	542977	765060	59.93%	4.719%
77	14.160	2008	2010	2014	rVB	319787	272265	21.33%	1.679%
78	14.242	2022	2024	2030	rBV2	60199	84219	6.60%	0.520%
79	14.524	2070	2072	2075	rVB	66529	57765	4.52%	0.356%
80	15.218	2186	2190	2193	rBV	285020	427806	33.51%	2.639%
81	15.542	2242	2245	2249	rBV	159529	187198	14.66%	1.155%
82	15.613	2253	2257	2264	rVB	219992	287924	22.55%	1.776%
83	15.677	2264	2268	2271	rBV	249032	297890	23.33%	1.838%
84	17.259	2534	2537	2546	rVB	109719	196239	15.37%	1.211%

Sum of corrected areas: 16211293

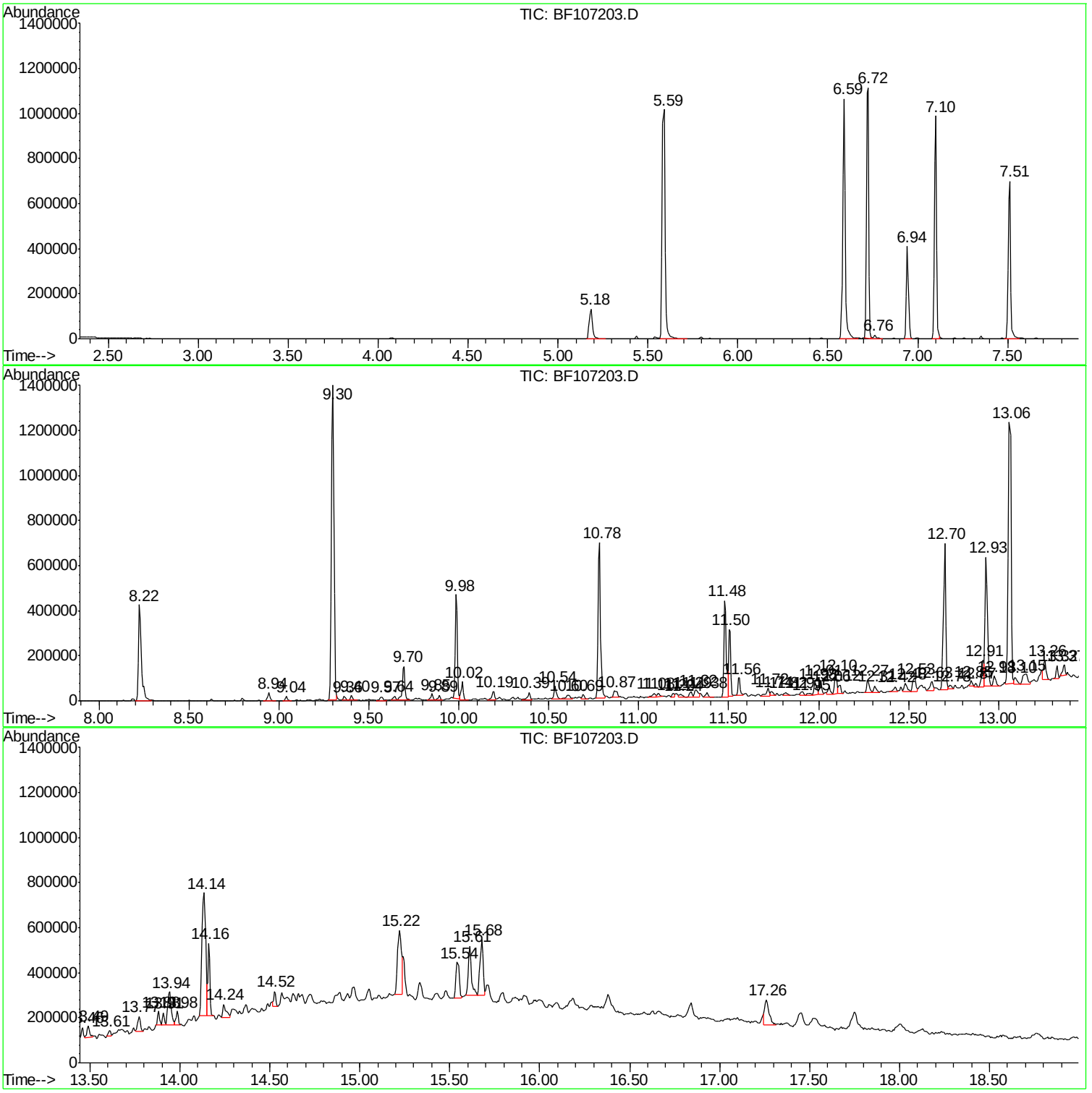
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107203.D
Acq On : 7 Jul 2018 13:49
Operator : JU/SJ
Sample : J3881-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

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 : BF107203.D
Acq On : 7 Jul 2018 13:49
Operator : JU/SJ
Sample : J3881-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-21

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

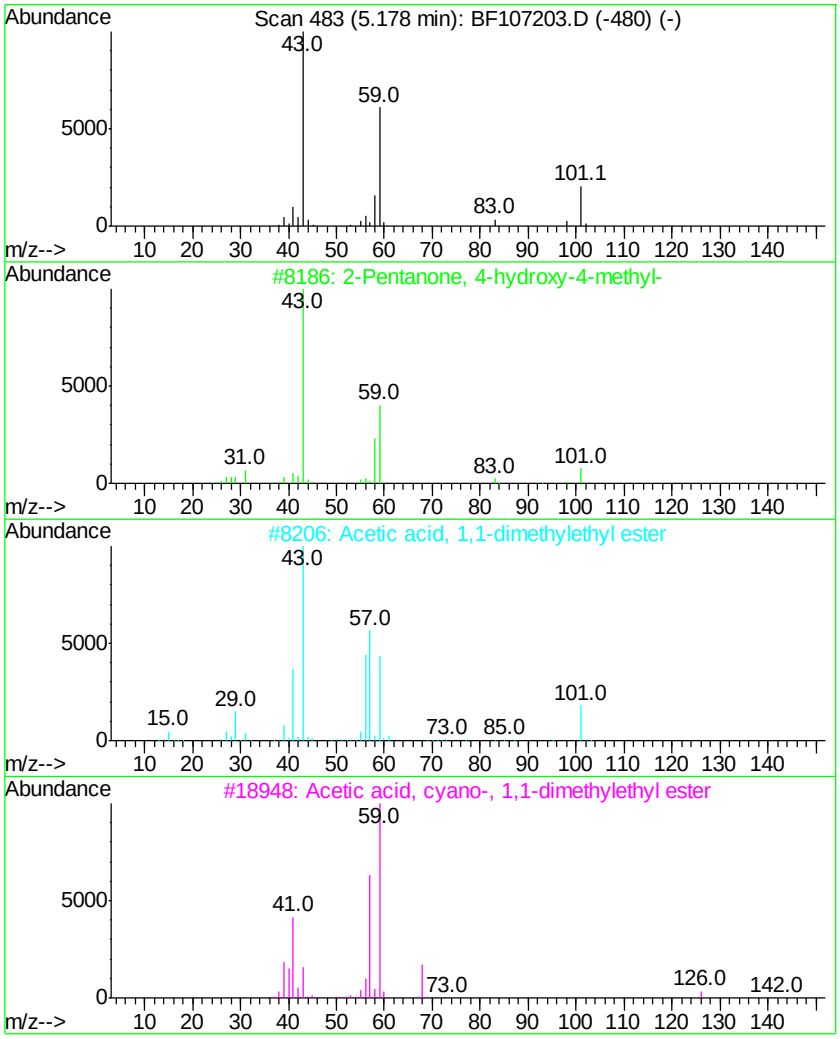
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

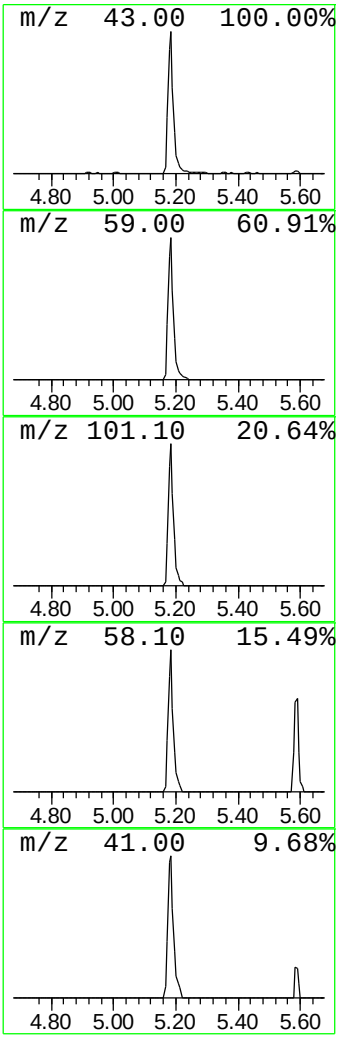
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	9.71 ng	162789	1,4-Dichlorobenzene-d4	6.94

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	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 : BF107203.D
Acq On : 7 Jul 2018 13:49
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-21

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

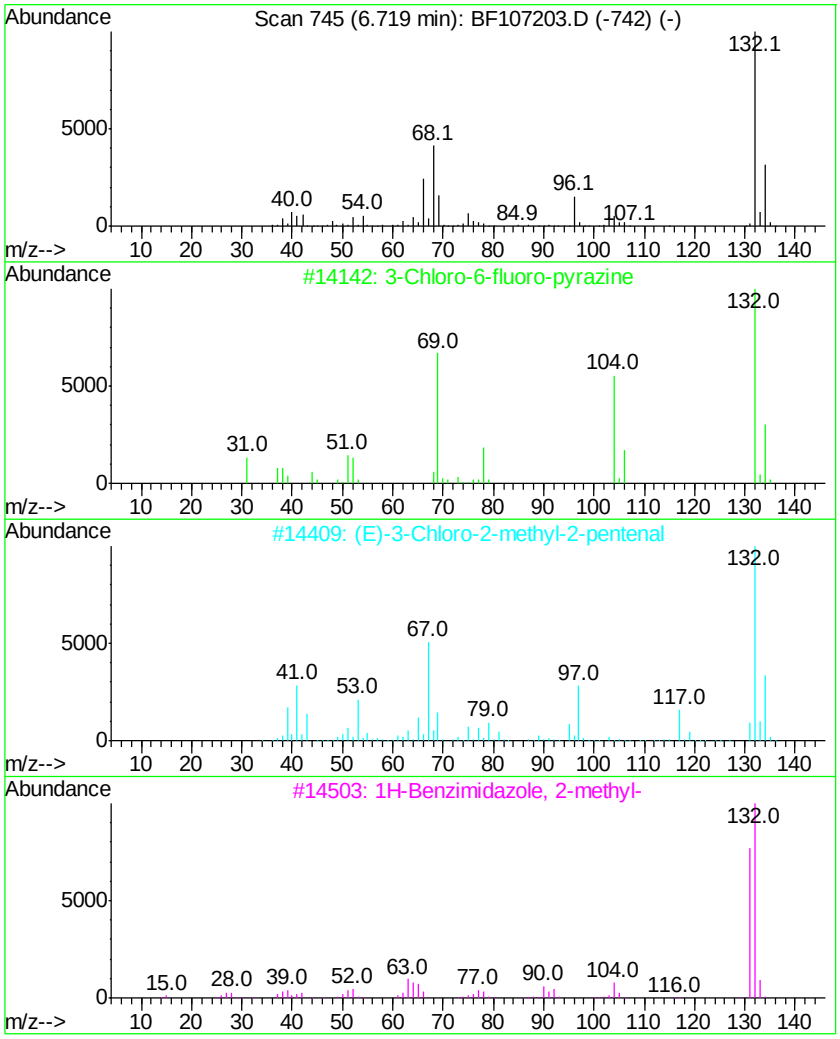
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

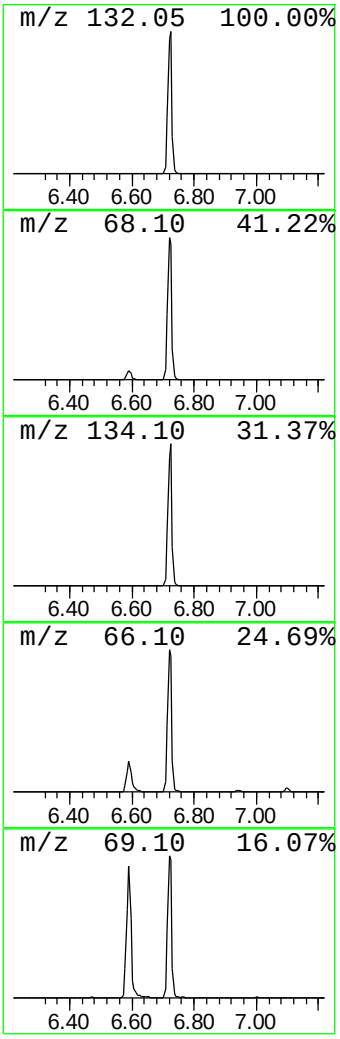
****

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	64.41 ng	1080140	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : J3881-01
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

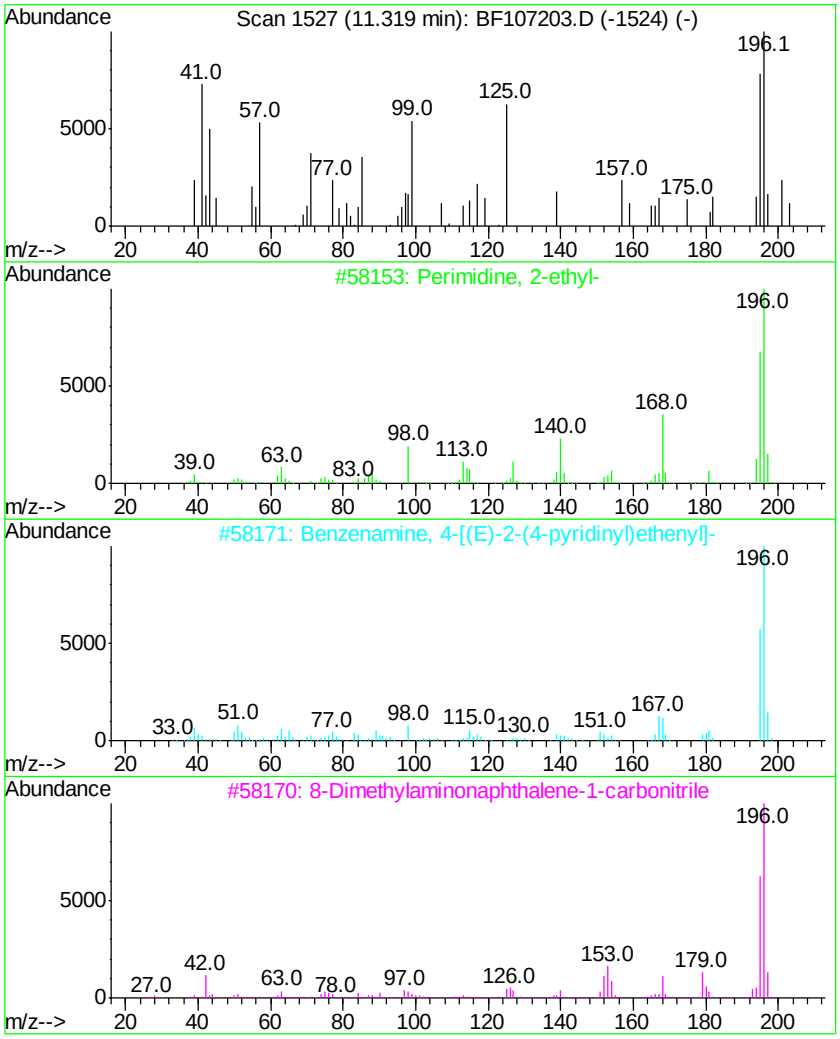
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

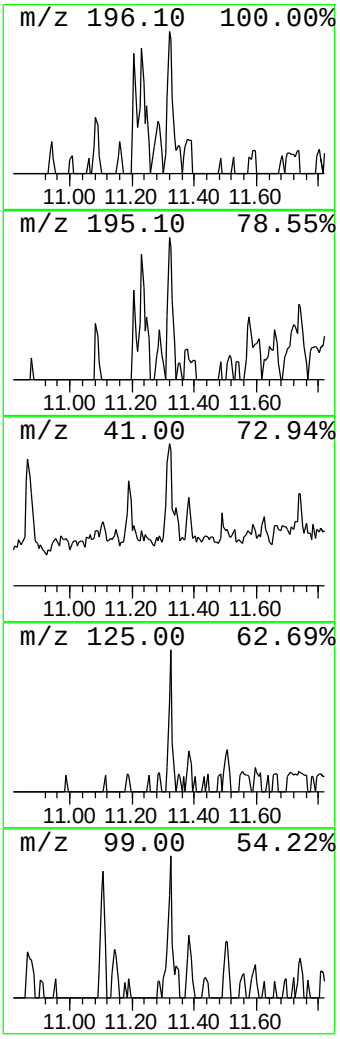
****

Peak Number 5 unknown11.32 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	2.33 ng	50275	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	45
2	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	38
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	38
4	Pentafluorobenzaldehyde	196	C7HF5O	000653-37-2	37
5	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	35





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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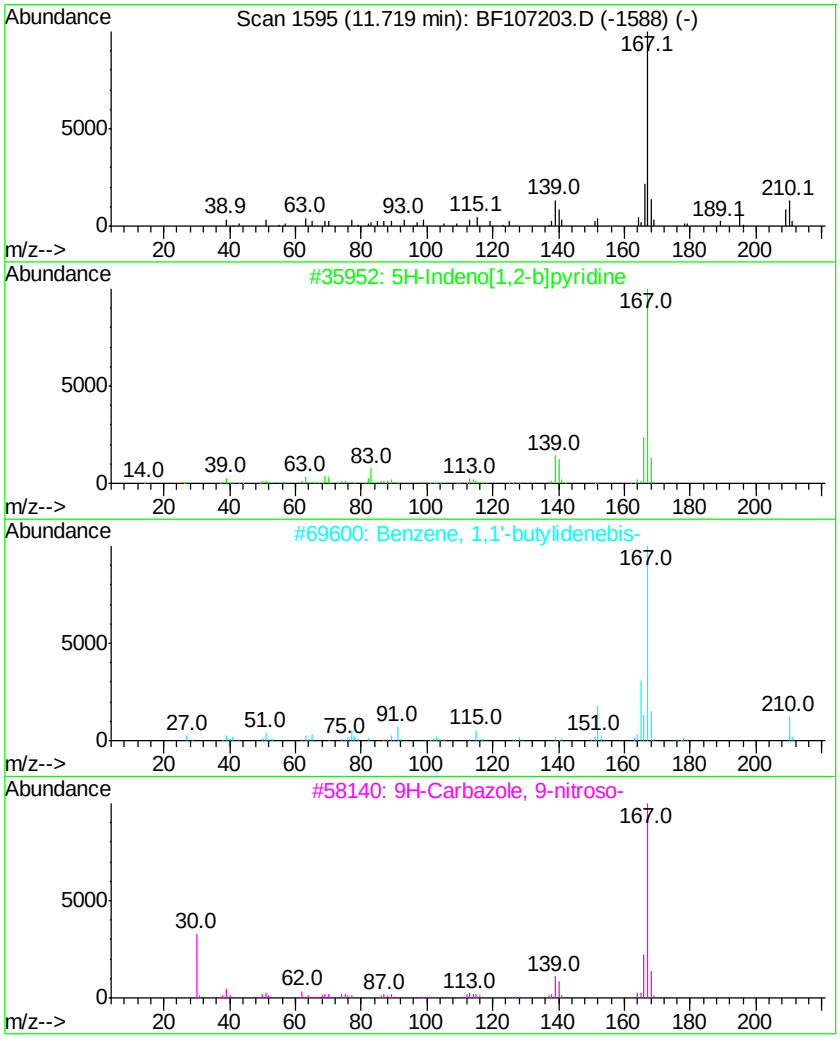
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

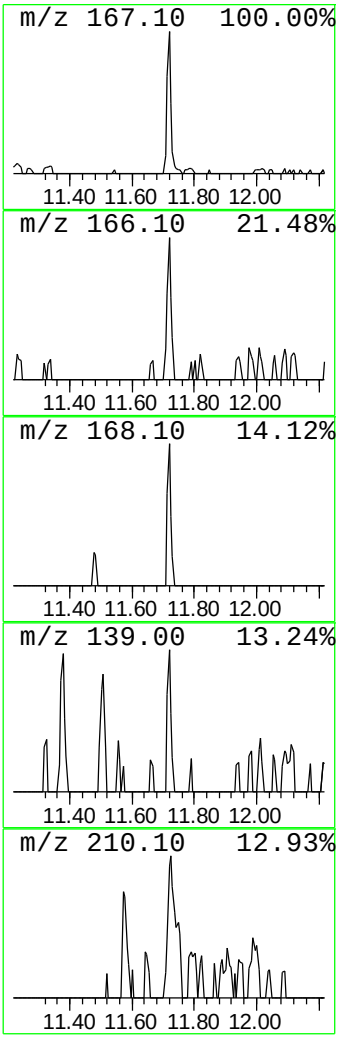
****

Peak Number 6 5H-Indeno[1,2-b]pyridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	2.00 ng	43292	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	81
2	Benzene, 1,1'-butylidenebis-	210	C16H18	000719-79-9	64
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	64
4	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	64
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	64





Library Search Compound Report

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

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-21

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

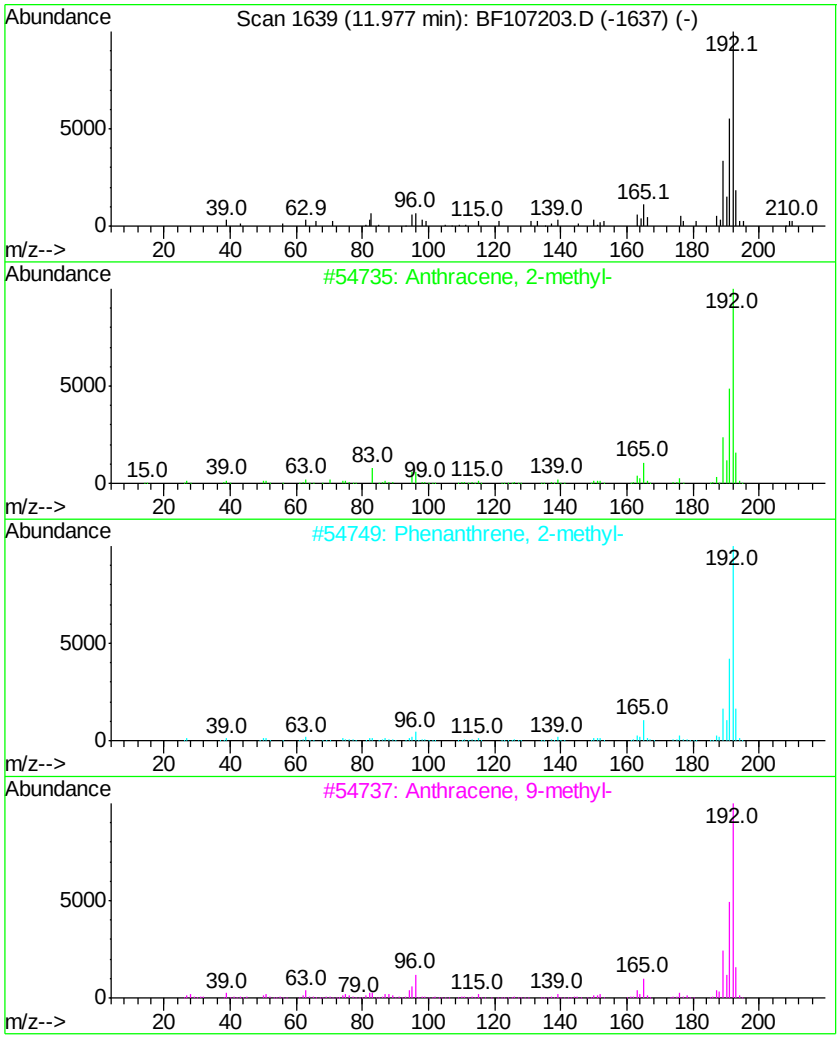
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

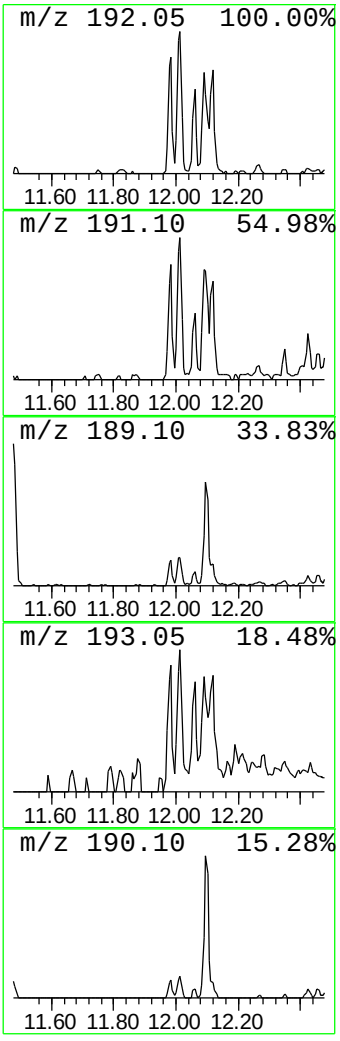
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.41 ng	52143	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107203.D
Acq On : 7 Jul 2018 13:49
Operator : JU/SJ
Sample : J3881-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-21

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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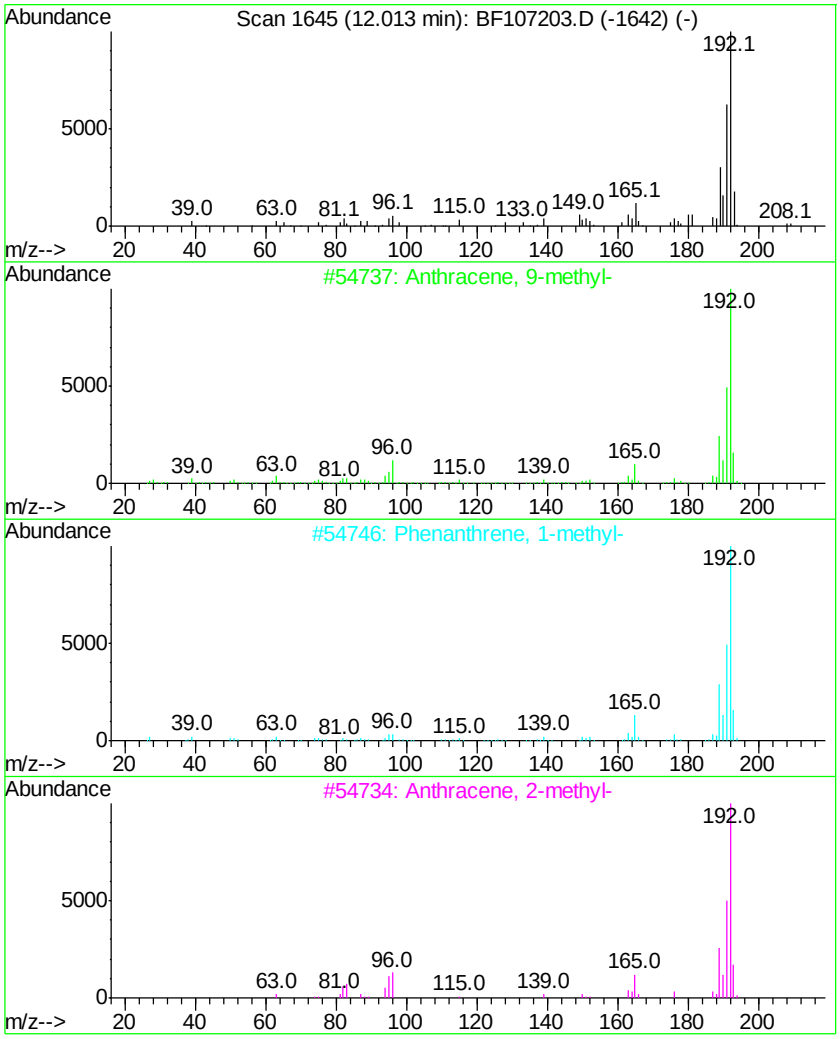
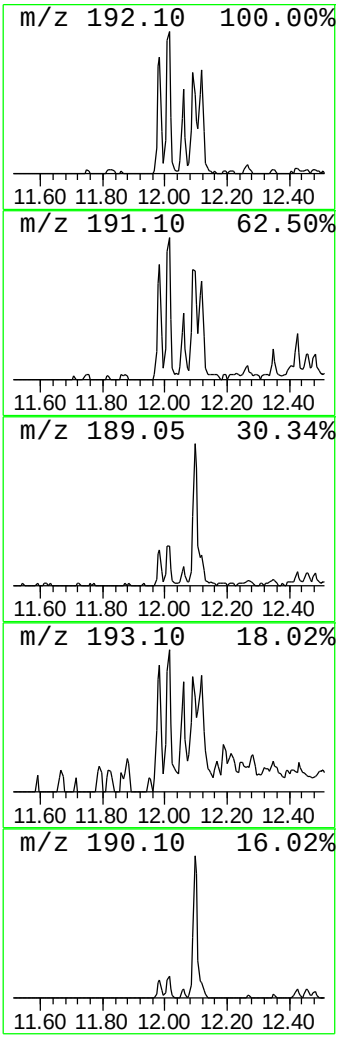
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.99 ng	64636	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107203.D
Acq On : 7 Jul 2018 13:49
Operator : JU/SJ
Sample : J3881-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-21

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

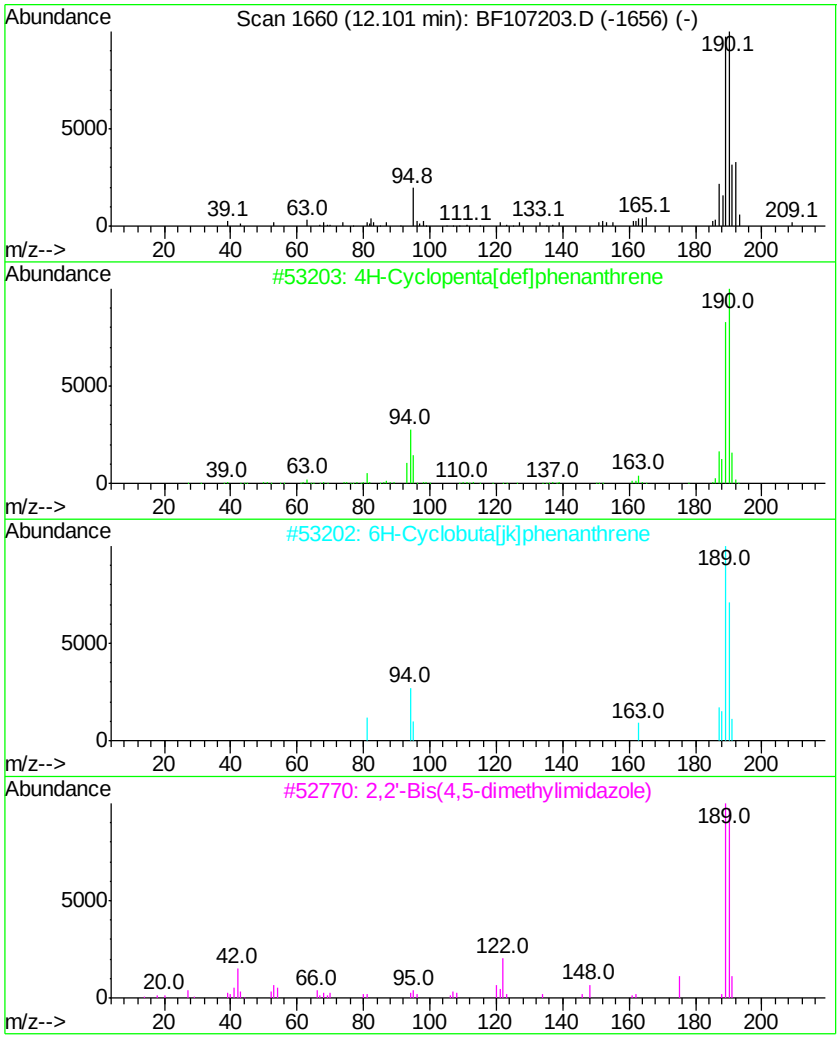
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

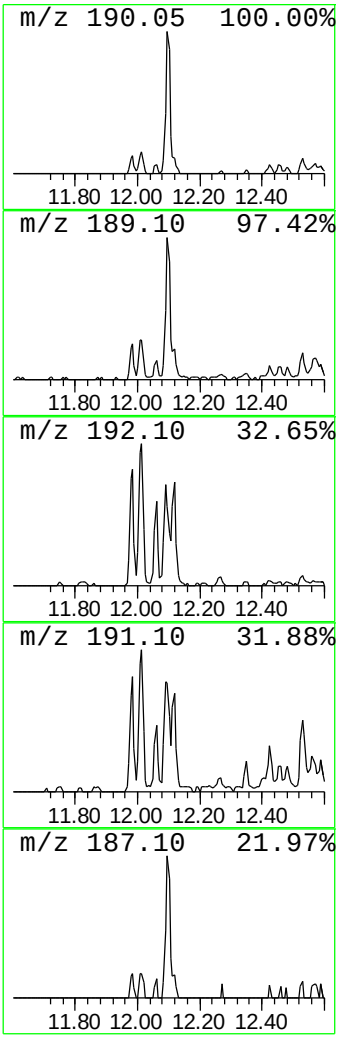
****

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	4.39 ng	94708	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	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30
5	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	25





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Sample : J3881-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-21

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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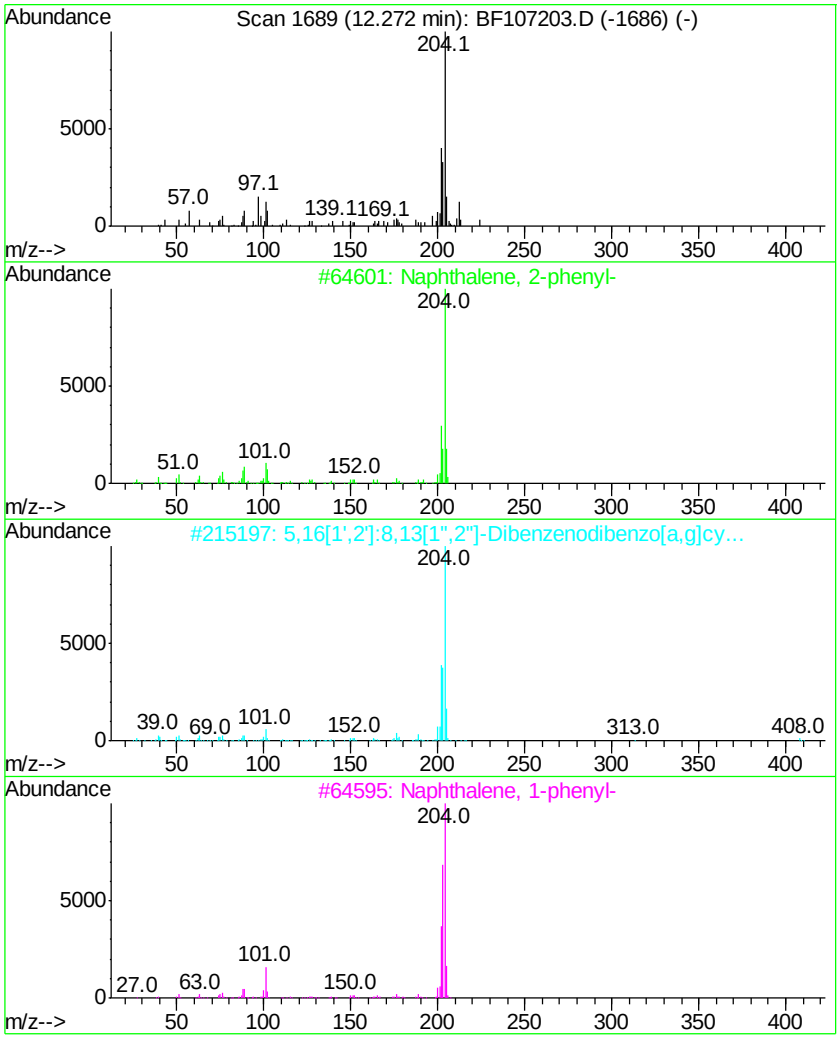
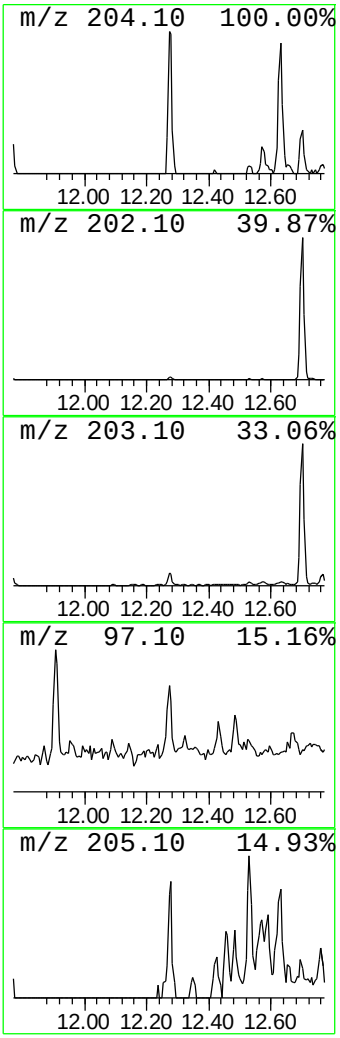
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.28 ng	49196	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46





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Sample : J3881-01
Misc :
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ClientSampleId : SURCHARGE-SP-21

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TIC Integration Parameters: LSCINT.P

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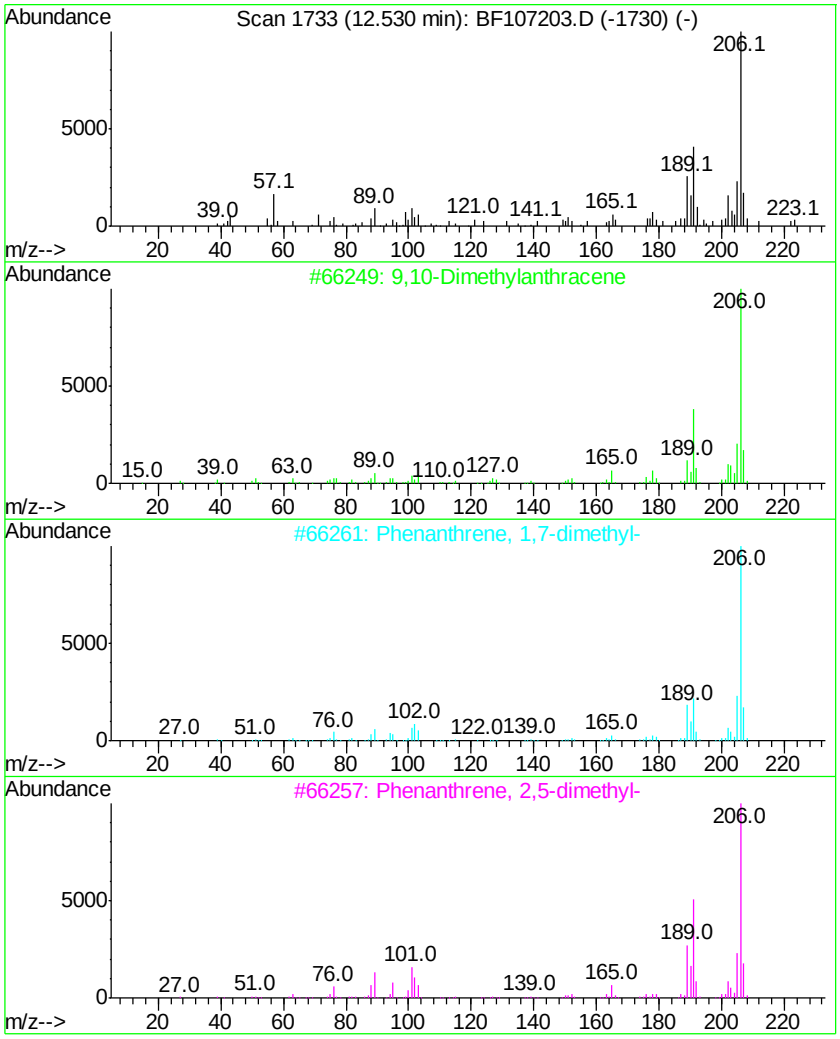
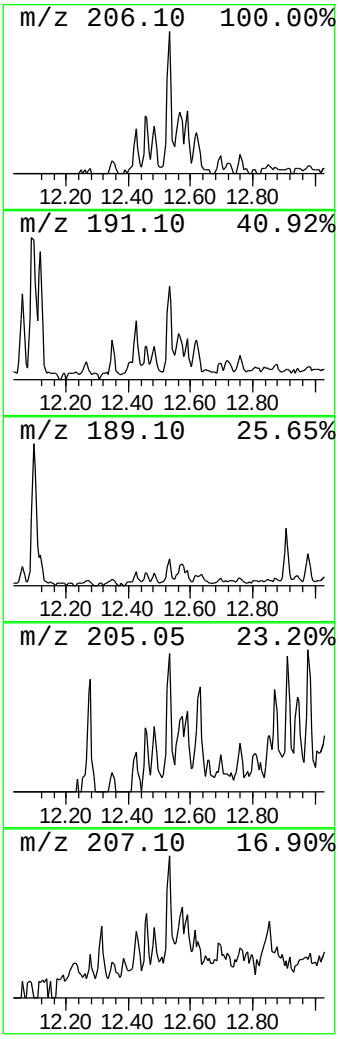
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	3.09 ng	66735	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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Sample : J3881-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-21

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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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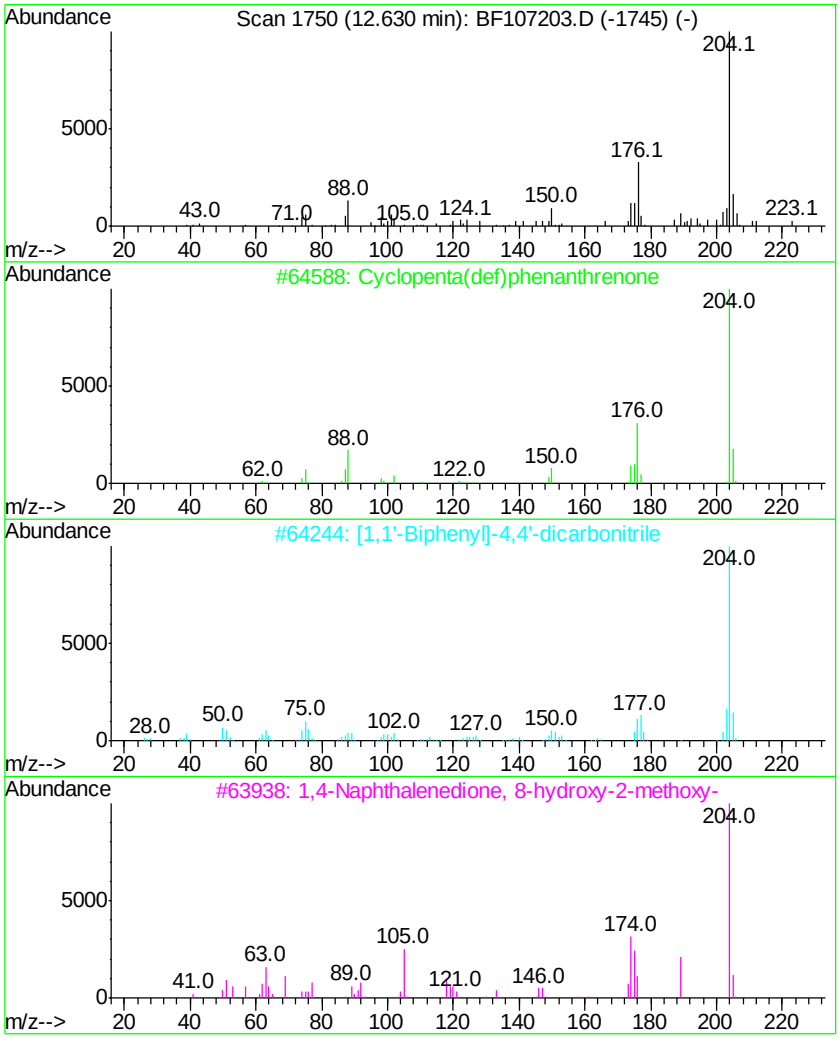
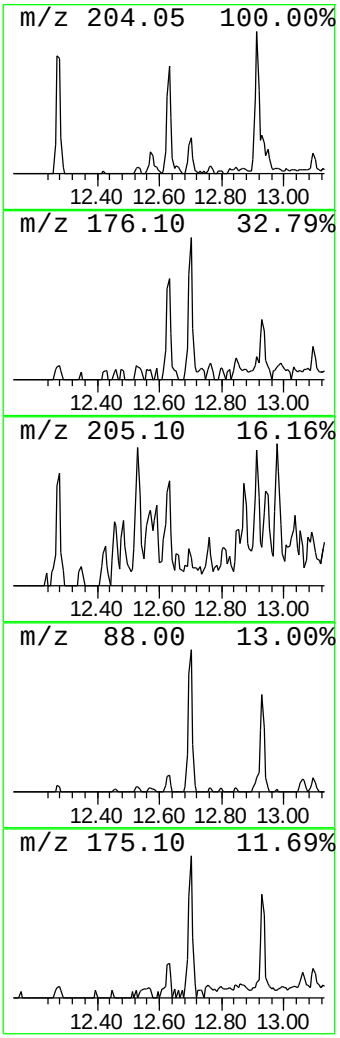
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	2.24 ng	48398	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	1,4-Naphthalenedione, 8-hydroxy-...	204	C11H8O4	015254-76-9	53
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	47
5	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	47





Library Search Compound Report

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Operator : JU/SJ
Sample : J3881-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-21

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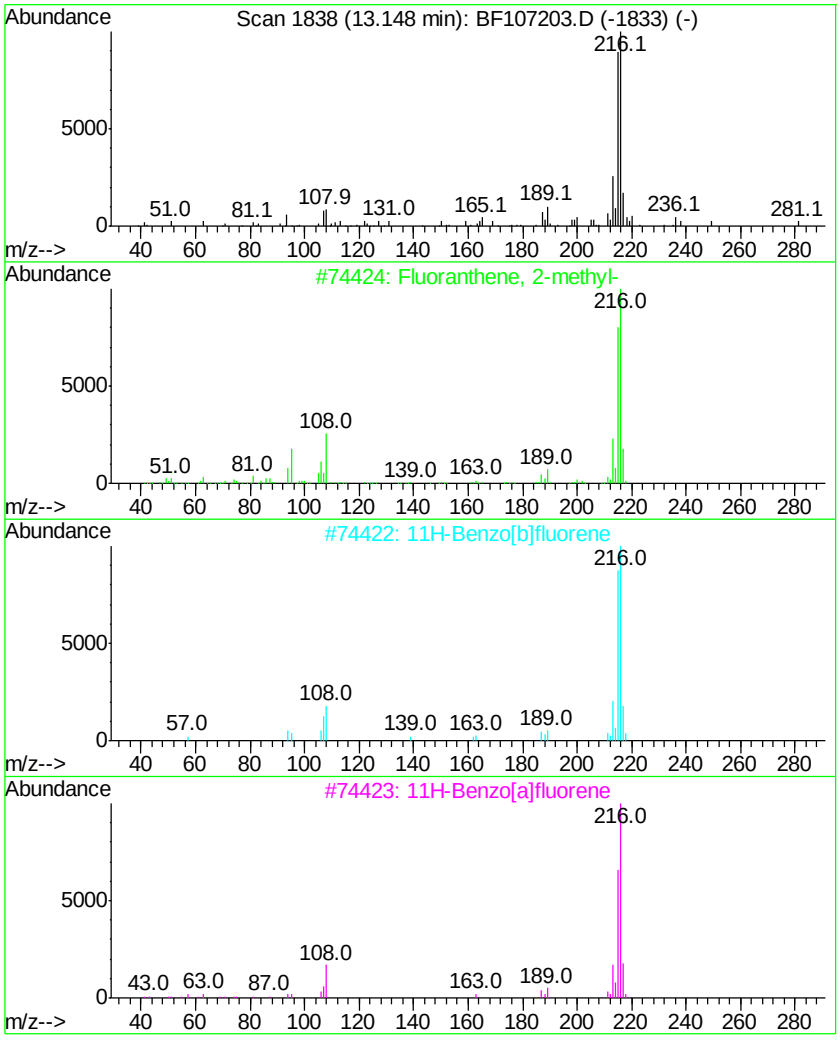
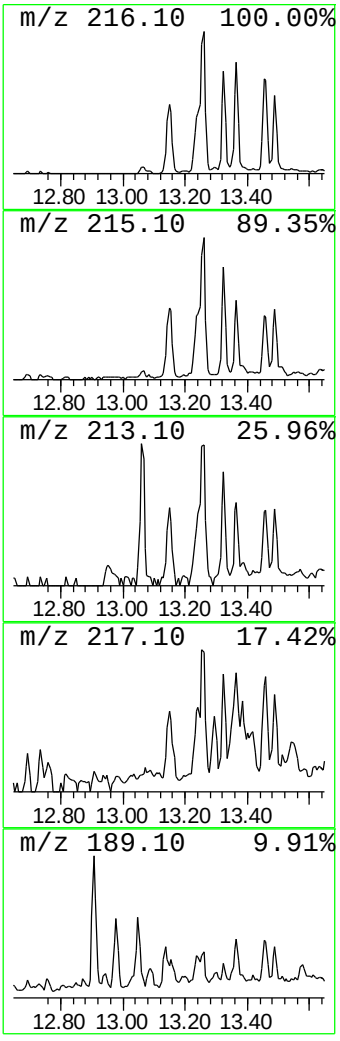
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.26 ng	86626	Chrysene-d12	14.14

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





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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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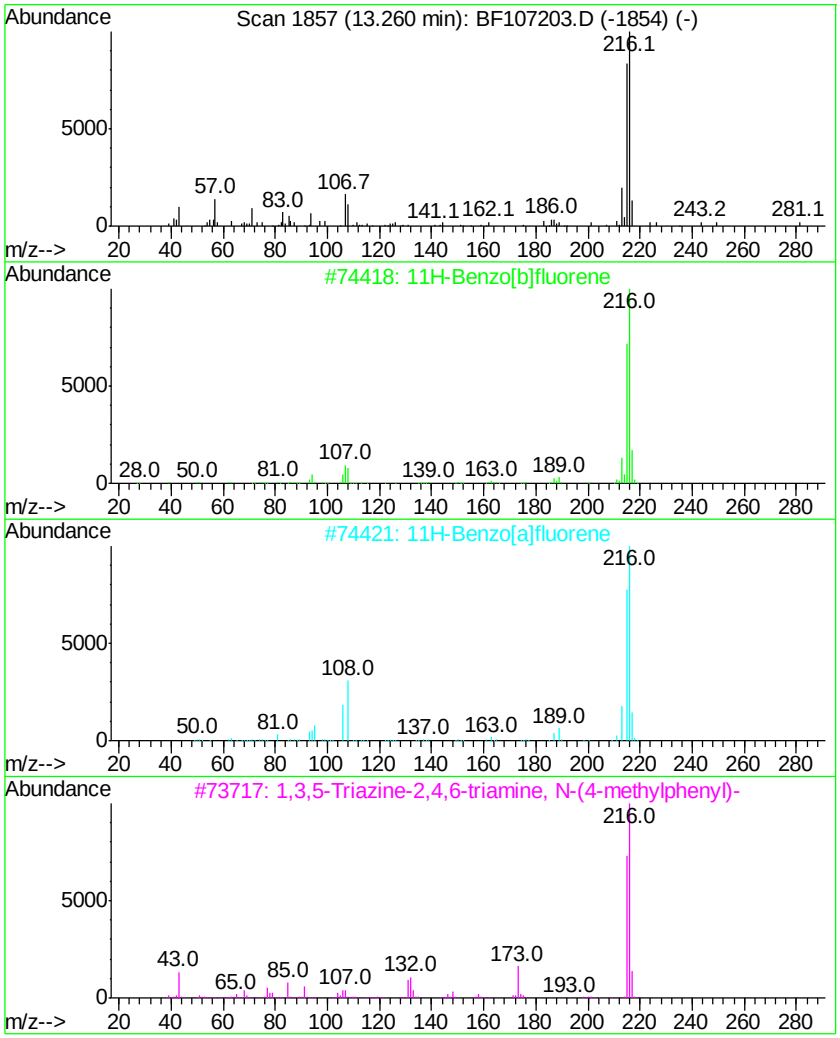
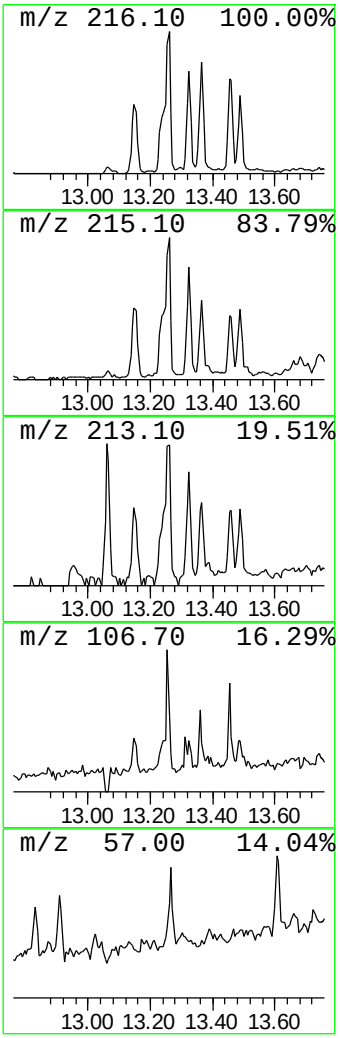
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.41 ng	92125	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
3	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	50





Library Search Compound Report

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Operator : JU/SJ
Sample : J3881-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-21

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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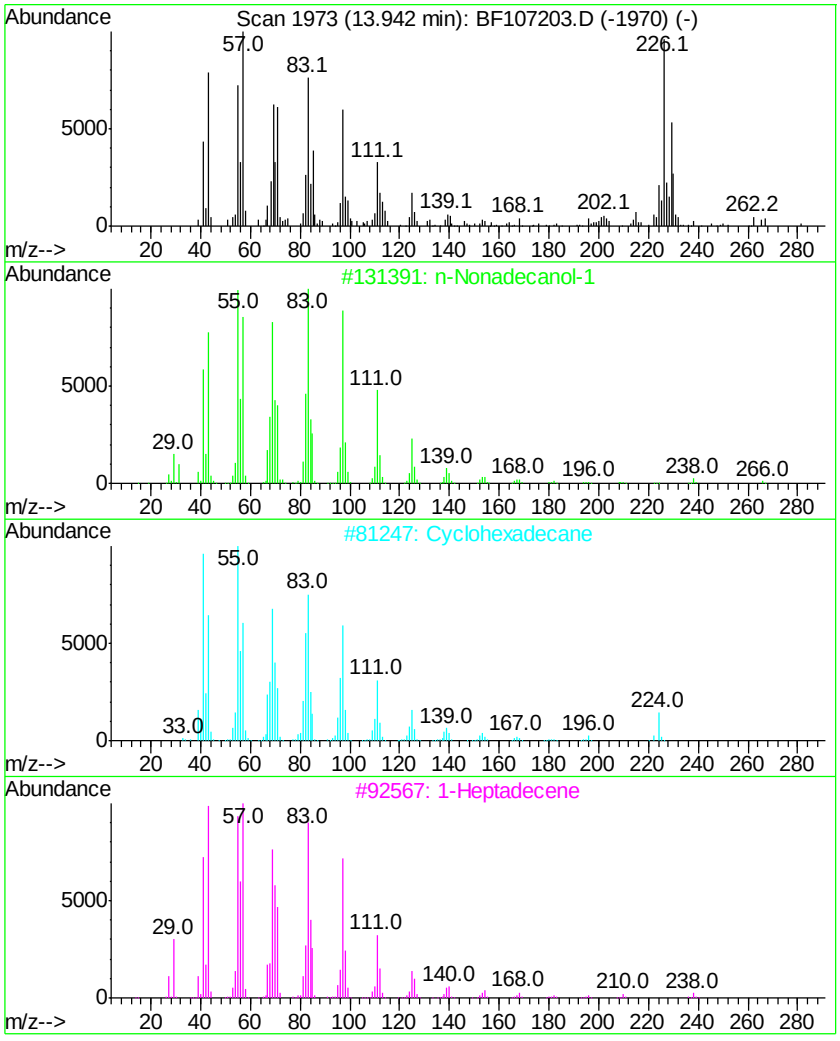
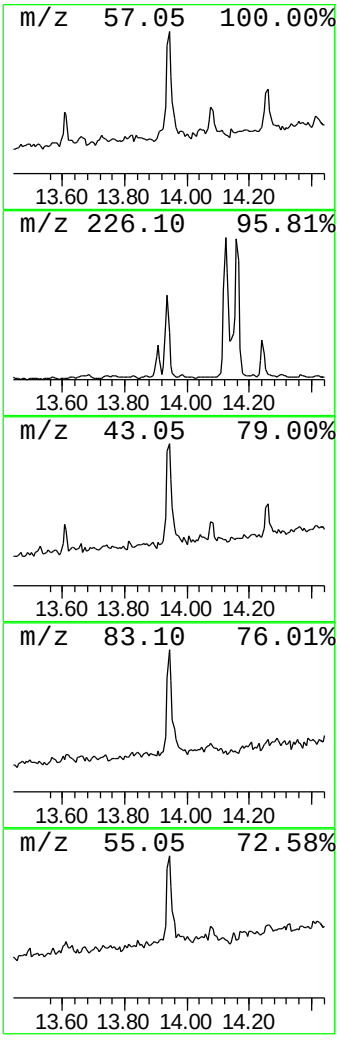
Peak Number 15 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	5.17 ng	197887	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	83
2	Cyclohexadecane	224	C16H32	000295-65-8	64
3	1-Heptadecene	238	C17H34	006765-39-5	60
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	50
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	50





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Sample : J3881-01
Misc :
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Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-21

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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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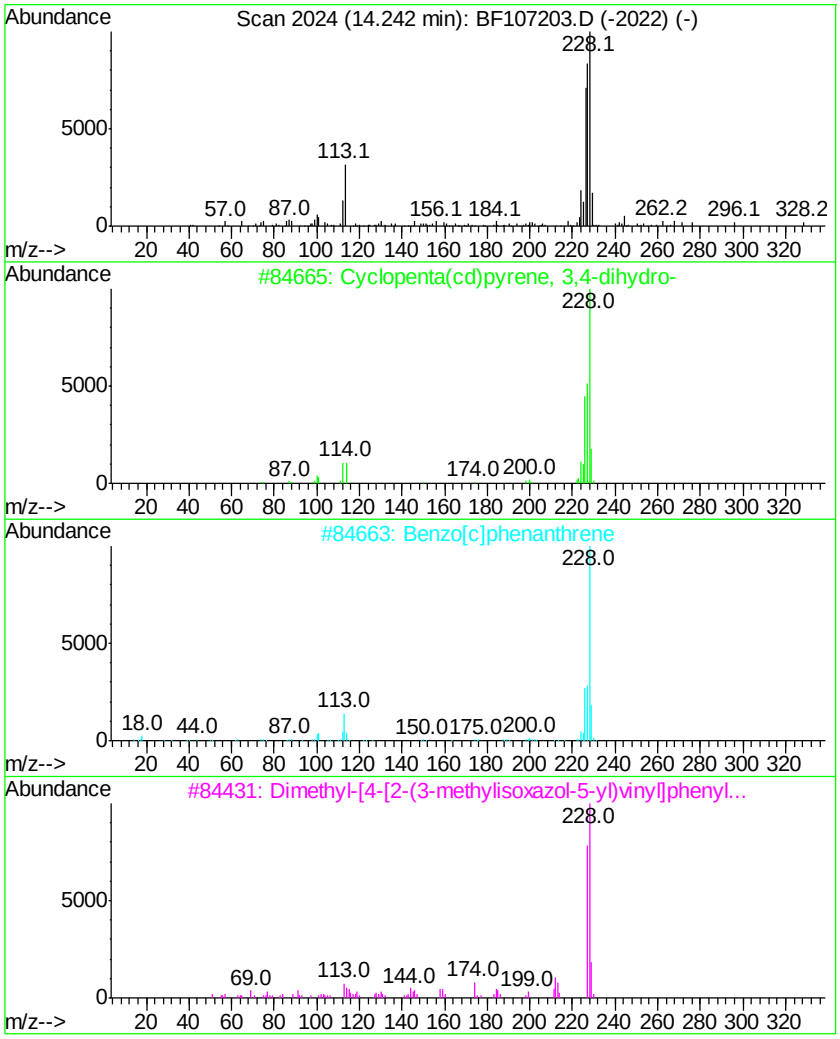
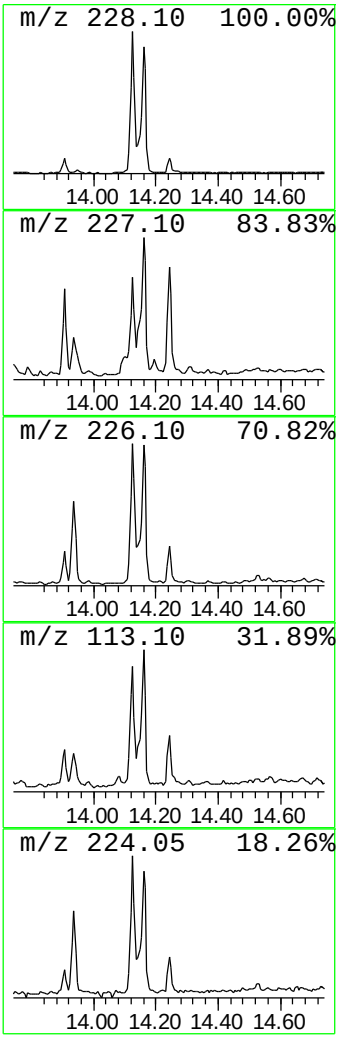
Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.20 ng	84219	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	70
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	38
4	Benz[a]anthracene	228	C18H12	000056-55-3	38
5	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	38





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ClientSampleId : SURCHARGE-SP-21

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

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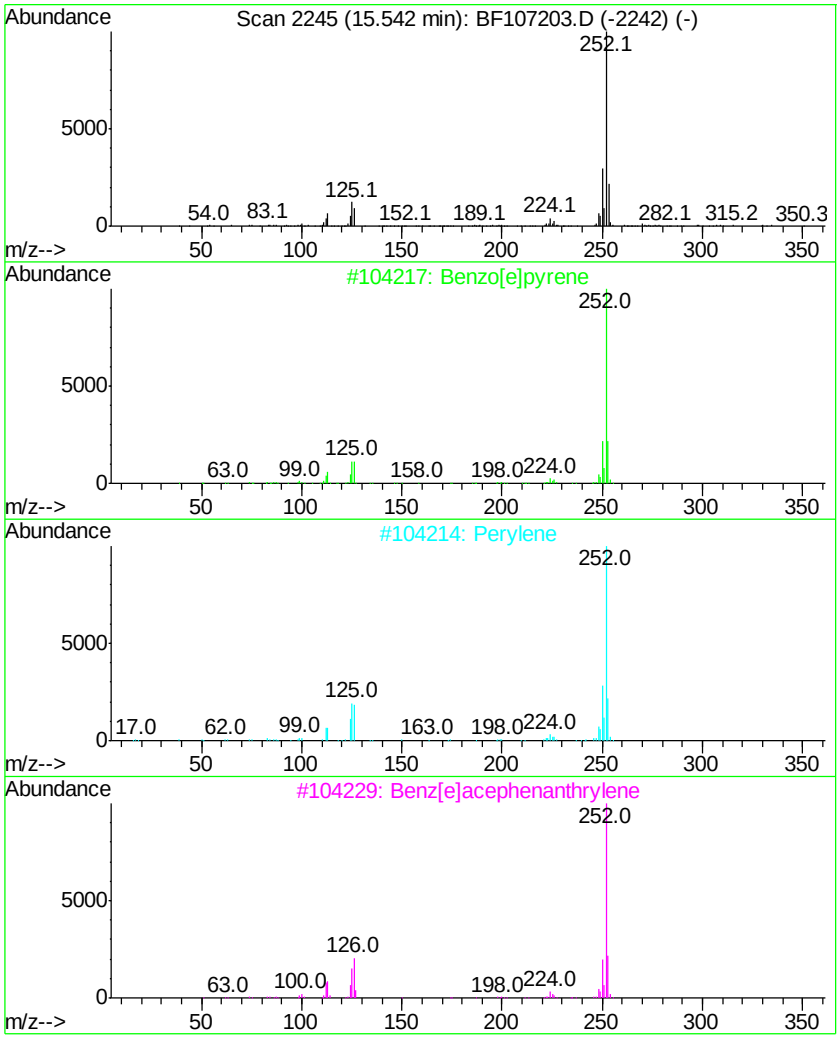
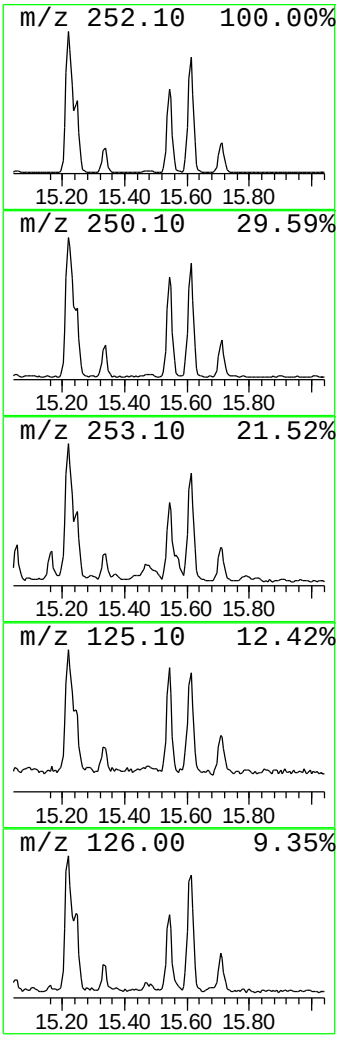
Peak Number 17 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	12.57 ng	187198	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	9.7	ng	162789	1	6.94	335422	20.0
unknown6.72	6.72	64.4	ng	1080140	1	6.94	335422	20.0
unknown11.32	11.32	2.3	ng	50275	4	11.48	431867	20.0
5H-Indeno[1,2-b]p...	11.72	2.0	ng	43292	4	11.48	431867	20.0
Anthracene, 2-met...	11.98	2.4	ng	52143	4	11.48	431867	20.0
Anthracene, 9-met...	12.01	3.0	ng	64636	4	11.48	431867	20.0
4H-Cyclopenta[def...	12.10	4.4	ng	94708	4	11.48	431867	20.0
Naphthalene, 2-ph...	12.27	2.3	ng	49196	4	11.48	431867	20.0
9,10-Dimethylanth...	12.53	3.1	ng	66735	4	11.48	431867	20.0
Cyclopenta(def)ph...	12.63	2.2	ng	48398	4	11.48	431867	20.0
Fluoranthene, 2-m...	13.15	2.3	ng	86626	5	14.14	765060	20.0
11H-Benzo[b]fluorene	13.26	2.4	ng	92125	5	14.14	765060	20.0
n-Nonadecanol-1	13.94	5.2	ng	197887	5	14.14	765060	20.0
Cyclopenta(cd)pyr...	14.24	2.2	ng	84219	5	14.14	765060	20.0
Benzo[e]pyrene	15.54	12.6	ng	187198	6	15.68	297890	20.0