LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107204.D
Acq On : 7 Jul 2018 14:16
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

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	123686	150896	13.55%	0.953%
2	5.590	549	553	568	rVB	1023150	996104	89.42%	6.294%
3	6.590	719	723	734	rBV	980496	1012386	90.88%	6.396%
4	6.725	742	746	749	rBV	1118862	1008693	90.55%	6.373%
5	6.760	749	752	759	rVB3	16589	17247	1.55%	0.109%
6	6.942	780	783	789	rBV	370255	307625	27.61%	1.944%
7	7.101	806	810	813	rBV	970473	832876	74.76%	5.262%
8	7.513	875	880	889	rBV	657811	649855	58.33%	4.106%
9	8.231	998	1002	1012	rBV	346602	395390	35.49%	2.498%
10	8.942	1120	1123	1129	rBV	30130	27481	2.47%	0.174%
11	9.042	1137	1140	1144	rVB	15649	13353	1.20%	0.084%
12	9.301	1180	1184	1187	rBV	1302889	1110608	99.69%	7.017%
13	9.360	1192	1194	1199	rVV2	16133	16488	1.48%	0.104%
14	9.401	1199	1201	1206	rVB	16665	15540	1.39%	0.098%
15	9.572	1226	1230	1235	rBV	12648	15583	1.40%	0.098%
16	9.642	1239	1242	1245	rBV	16309	14648	1.31%	0.093%
17	9.695	1245	1251	1256	rVV	140601	142160	12.76%	0.898%
18	9.848	1272	1277	1281	rBV	29551	29125	2.61%	0.184%
19	9.889	1281	1284	1287	rVV2	16882	14687	1.32%	0.093%
20	9.983	1297	1300	1304	rBV	357470	338799	30.41%	2.141%
21	10.019	1304	1306	1312	rVB	75955	60594	5.44%	0.383%
22	10.195	1330	1336	1338	rBV2	30472	33772	3.03%	0.213%
23	10.389	1366	1369	1374	rBV2	24558	22063	1.98%	0.139%
24	10.536	1390	1394	1400	rVB	52385	49401	4.43%	0.312%
25	10.601	1403	1405	1410	rVB3	11828	18961	1.70%	0.120%
26	10.695	1418	1421	1423	rVB2	13729	12753	1.14%	0.081%
27	10.783	1432	1436	1442	rBV	651046	601295	53.98%	3.799%
28	10.877	1447	1452	1454	rBV2	21420	30188	2.71%	0.191%
29	10.972	1461	1468	1473	rBV7	8021	25555	2.29%	0.161%
30	11.113	1489	1492	1495	rVB2	15149	14885	1.34%	0.094%
31	11.189	1503	1505	1507	rBV2	15736	15439	1.39%	0.098%
32	11.230	1510	1512	1518	rVB4	10266	13384	1.20%	0.085%
33	11.289	1518	1522	1524	rBV2	21101	19021	1.71%	0.120%
34	11.313	1524	1526	1529	rBV2	17041	19062	1.71%	0.120%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

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	11.377	1535	1537	1540	rVB	20386	17312	1.55%	0.109%
36	11.483	1551	1555	1557	rBV	368167	367114	32.95%	2.320%
37	11.507	1557	1559	1562	rVV	327987	257455	23.11%	1.627%
38	11.560	1565	1568	1571	rVV	99043	95358	8.56%	0.602%
39	11.595	1571	1574	1578	rVB2	11188	15424	1.38%	0.097%
40	11.719	1588	1595	1597	rBV2	32812	40930	3.67%	0.259%
41	11.742	1597	1599	1602	rVB2	18599	15118	1.36%	0.096%
42	11.819	1609	1612	1616	rVB3	14744	15864	1.42%	0.100%
43	11.907	1624	1627	1631	rVB2	19695	17861	1.60%	0.113%
44	11.983	1637	1640	1642	rBV	55942	50954	4.57%	0.322%
45	12.013	1642	1645	1648	rVV	72883	66856	6.00%	0.422%
46	12.060	1651	1653	1656	rVV	33718	27757	2.49%	0.175%
47	12.095	1656	1659	1662	rVV2	92599	109398	9.82%	0.691%
48	12.119	1662	1663	1666	rVB	38140	21580	1.94%	0.136%
49	12.277	1687	1690	1693	rBV2	54040	46387	4.16%	0.293%
50	12.313	1694	1696	1699	rVB	31893	28210	2.53%	0.178%
51	12.424	1713	1715	1719	rVB3	18452	18625	1.67%	0.118%
52	12.460	1719	1721	1723	rBV	15992	13019	1.17%	0.082%
53	12.483	1723	1725	1727	rVV3	32122	23694	2.13%	0.150%
54	12.530	1730	1733	1736	rBV2	63048	71419	6.41%	0.451%
55	12.571	1736	1740	1742	rVV2	19139	27026	2.43%	0.171%
56	12.630	1746	1750	1758	rBV3	52126	74294	6.67%	0.469%
57	12.701	1758	1762	1765	rBV	724136	637546	57.23%	4.028%
58	12.736	1765	1768	1770	rVB3	16811	16551	1.49%	0.105%
59	12.760	1770	1772	1775	rBV2	21700	20500	1.84%	0.130%
60	12.913	1795	1798	1799	rBV2	152260	139989	12.57%	0.884%
61	12.936	1799	1802	1806	rVV	664258	631672	56.70%	3.991%
62	12.977	1806	1809	1813	rVB	43703	46013	4.13%	0.291%
63	13.066	1819	1824	1827	rBV	1189287	1114016	100.00%	7.039%
64	13.095	1827	1829	1833	rVB	38363	40832	3.67%	0.258%
65	13.154	1833	1839	1843	rBV2	53344	112382	10.09%	0.710%
66	13.260	1849	1857	1862	rBV3	109231	219203	19.68%	1.385%
67	13.324	1865	1868	1871	rBV	63749	59350	5.33%	0.375%
68	13.366	1871	1875	1877	rBV2	73255	76074	6.83%	0.481%
69	13.460	1888	1891	1893	rBV	60918	49140	4.41%	0.310%
70	13.489	1893	1896	1899	rVV2	53592	58092	5.21%	0.367%
71	13.607	1914	1916	1919	rBV	40608	36017	3.23%	0.228%

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Sample : J3881-03
Misc :
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Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.771	1942	1944	1947	rVB	74707	69946	6.28%	0.442%
73	13.883	1961	1963	1965	rBV	81140	60086	5.39%	0.380%
74	13.907	1965	1967	1969	rVV	66642	50916	4.57%	0.322%
75	13.942	1969	1973	1978	rVV3	173356	220771	19.82%	1.395%
76	13.983	1978	1980	1984	rVB	67367	57907	5.20%	0.366%
77	14.136	2001	2006	2009	rBV2	551383	858437	77.06%	5.424%
78	14.165	2009	2011	2014	rVB	349445	286447	25.71%	1.810%
79	14.242	2022	2024	2030	rBV2	78625	118532	10.64%	0.749%
80	14.565	2076	2079	2081	rBV2	80520	88709	7.96%	0.560%
81	15.218	2186	2190	2198	rVB	296155	610231	54.78%	3.856%
82	15.542	2242	2245	2250	rVB	172031	180965	16.24%	1.143%
83	15.612	2253	2257	2260	rBV	203065	263616	23.66%	1.666%
84	15.677	2264	2268	2271	rBV	203131	235679	21.16%	1.489%

Sum of corrected areas: 15827191

LSC Report - Integrated Chromatogram

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Misc :
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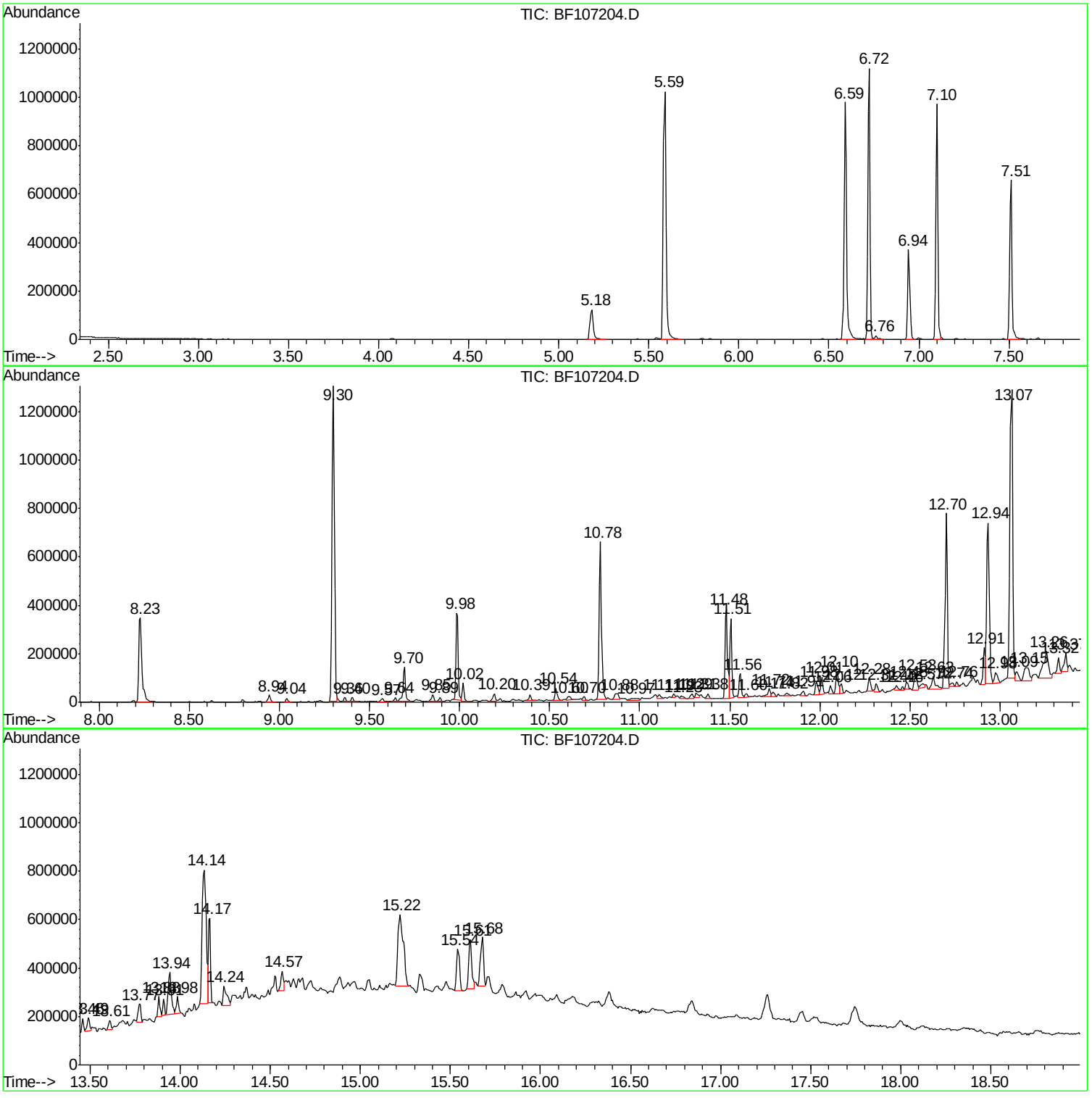
Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

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 : BF107204.D
Acq On : 7 Jul 2018 14:16
Operator : JU/SJ
Sample : J3881-03
Misc :
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Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

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

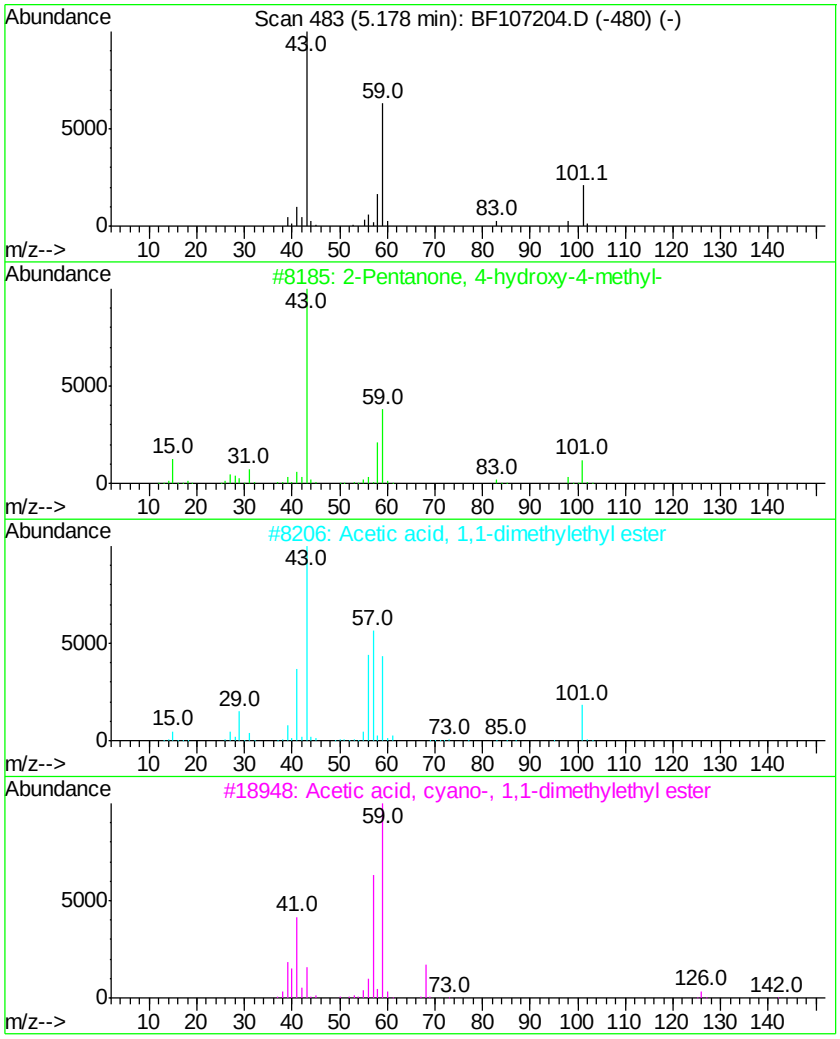
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

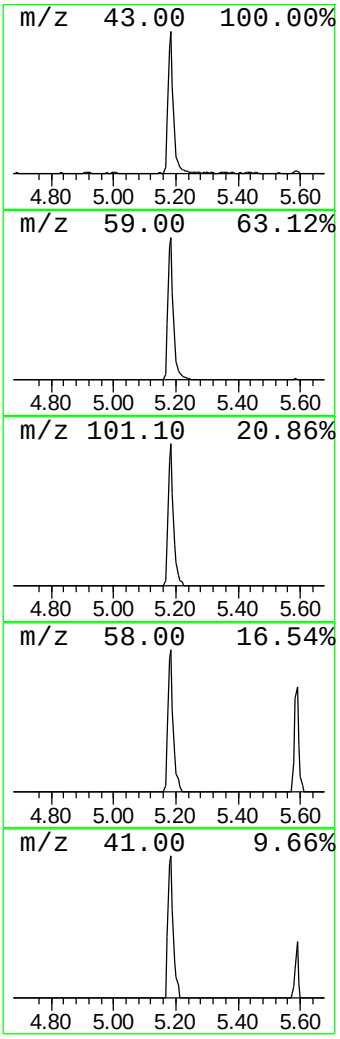
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	9.81 ng	150896	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	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
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Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

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

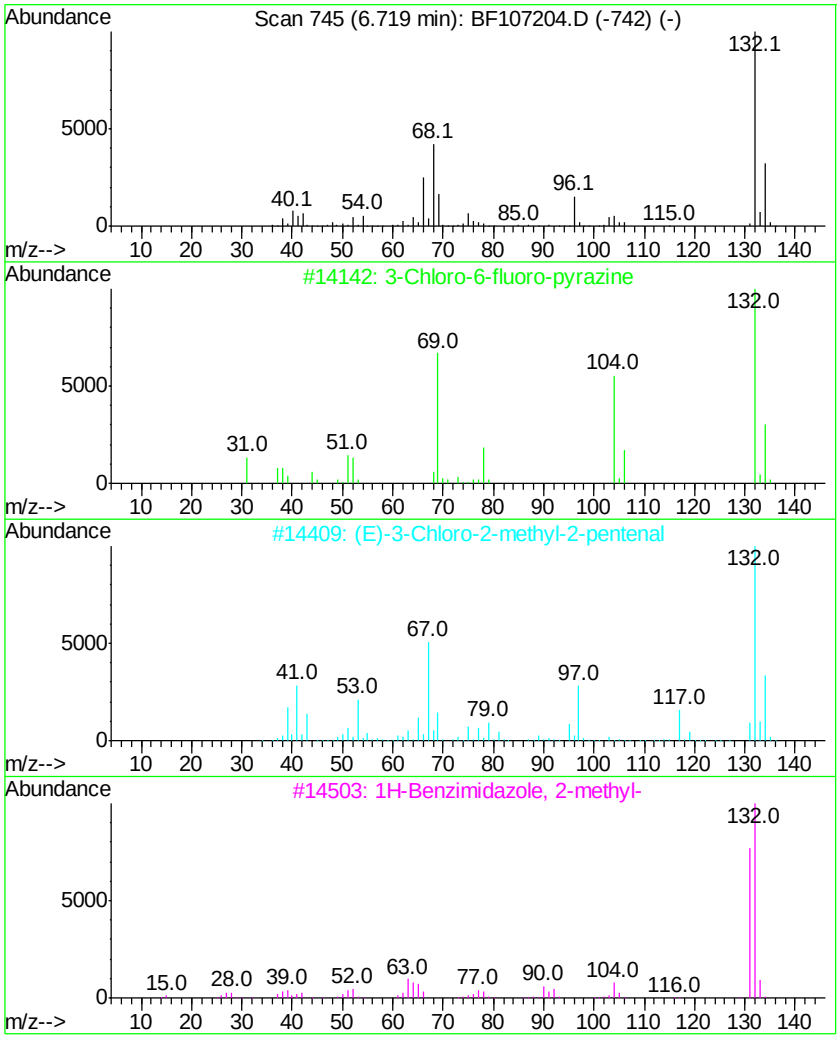
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

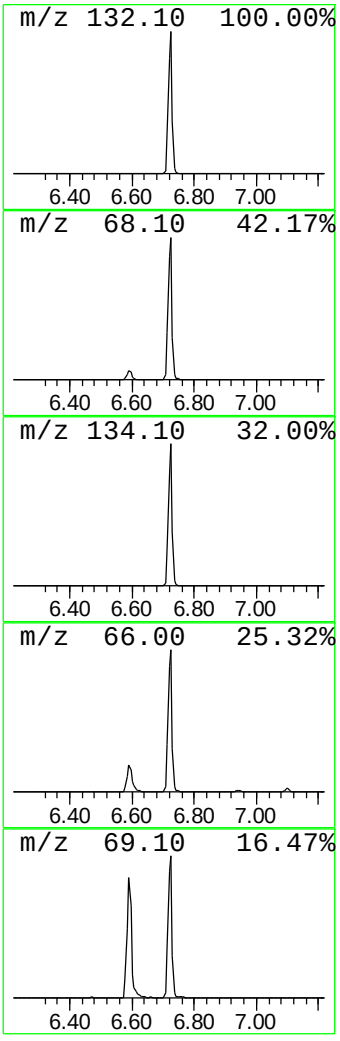
****

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	65.58 ng	1008690	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	27
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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107204.D
Acq On : 7 Jul 2018 14:16
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

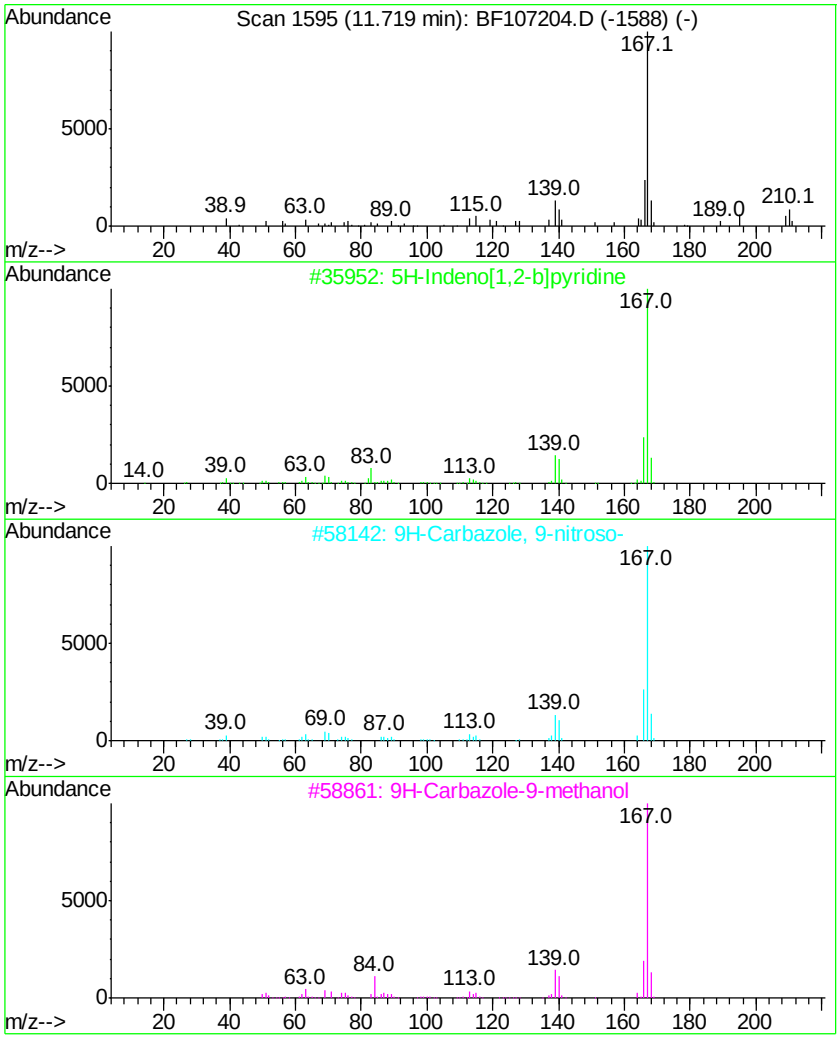
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

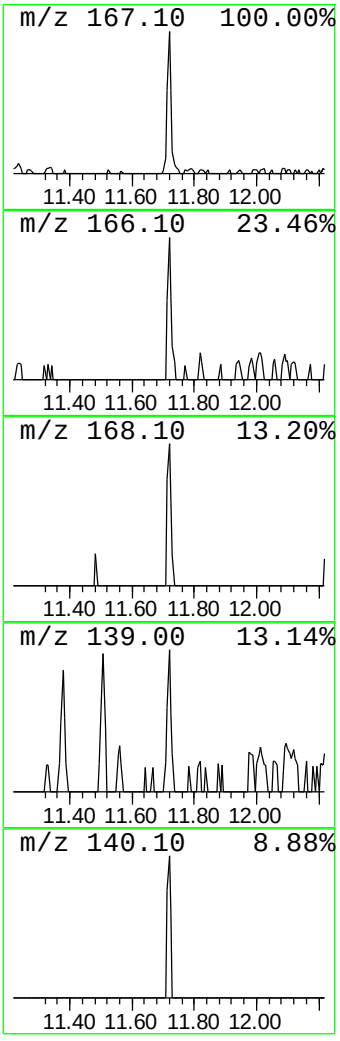
****

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	2.23 ng	40930	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	80
2	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	78
3	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	78
4	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	78
5	Carbazole	167	C12H9N	000086-74-8	72





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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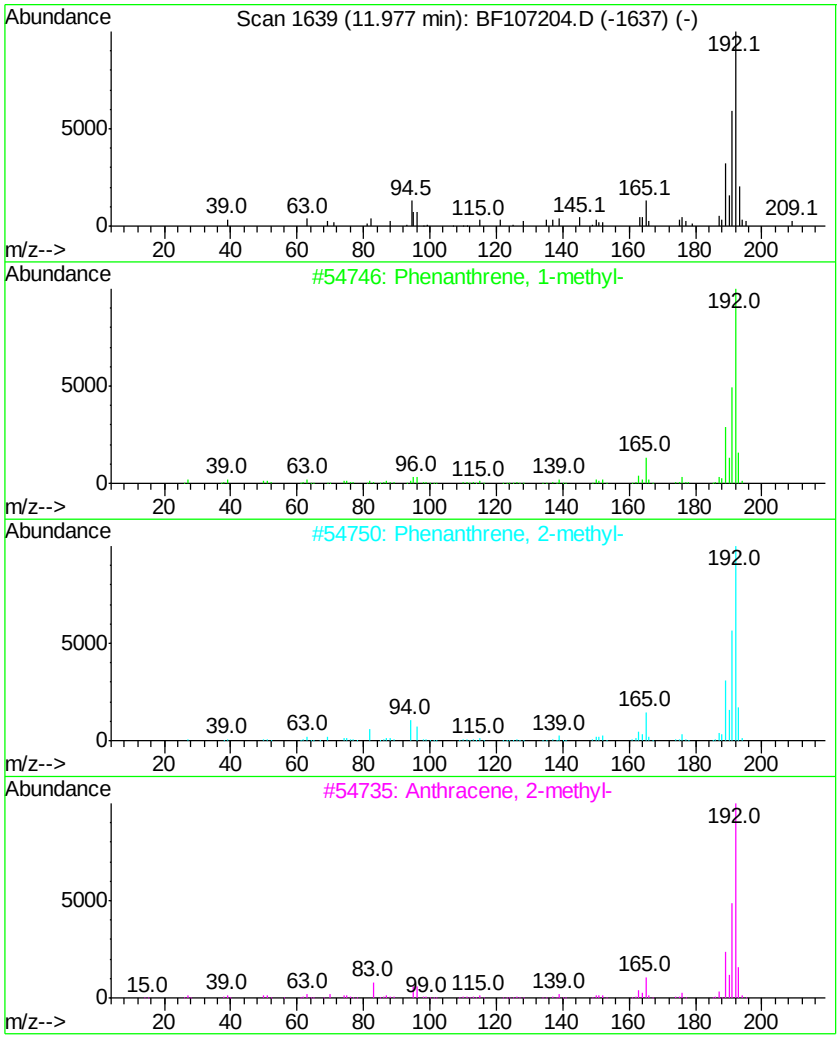
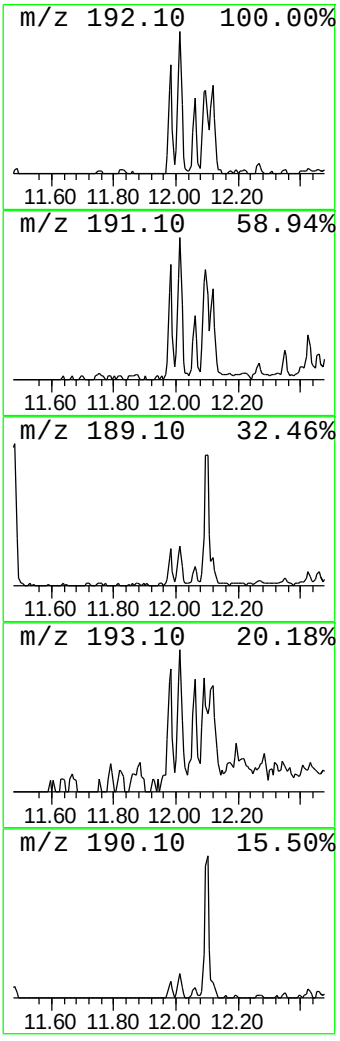
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.78 ng	50954	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





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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

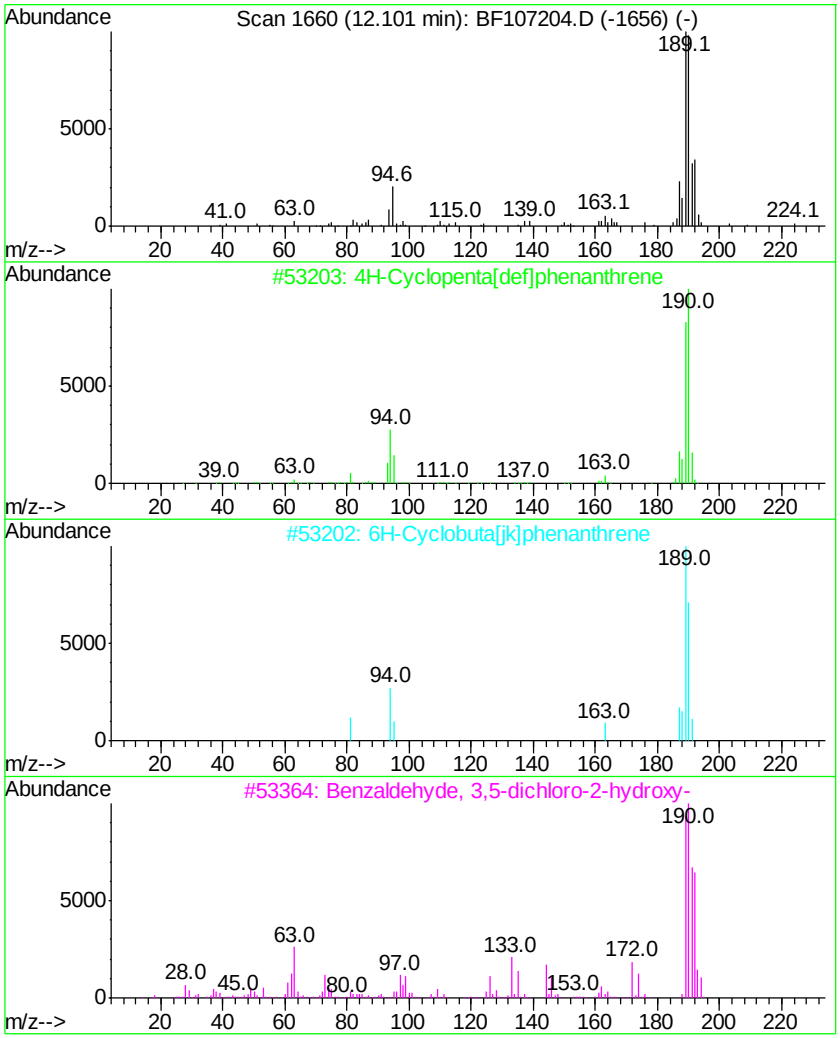
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

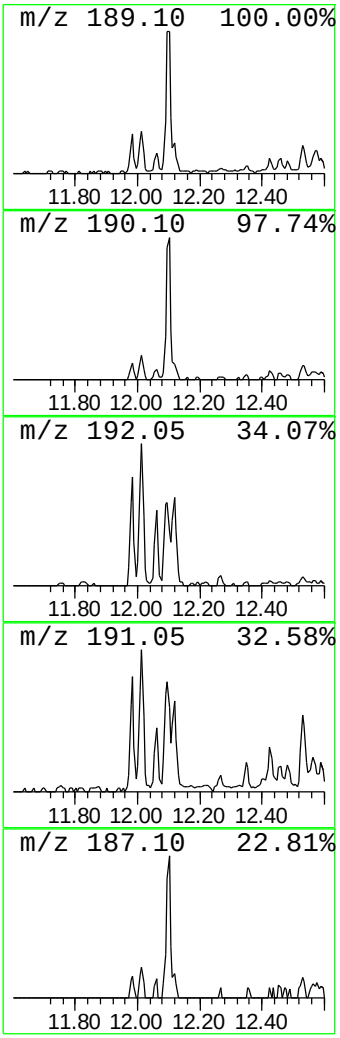
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	5.96 ng	109398	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	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	43
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	42





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

TIC Library : C:\DATABASE\NIST11.L
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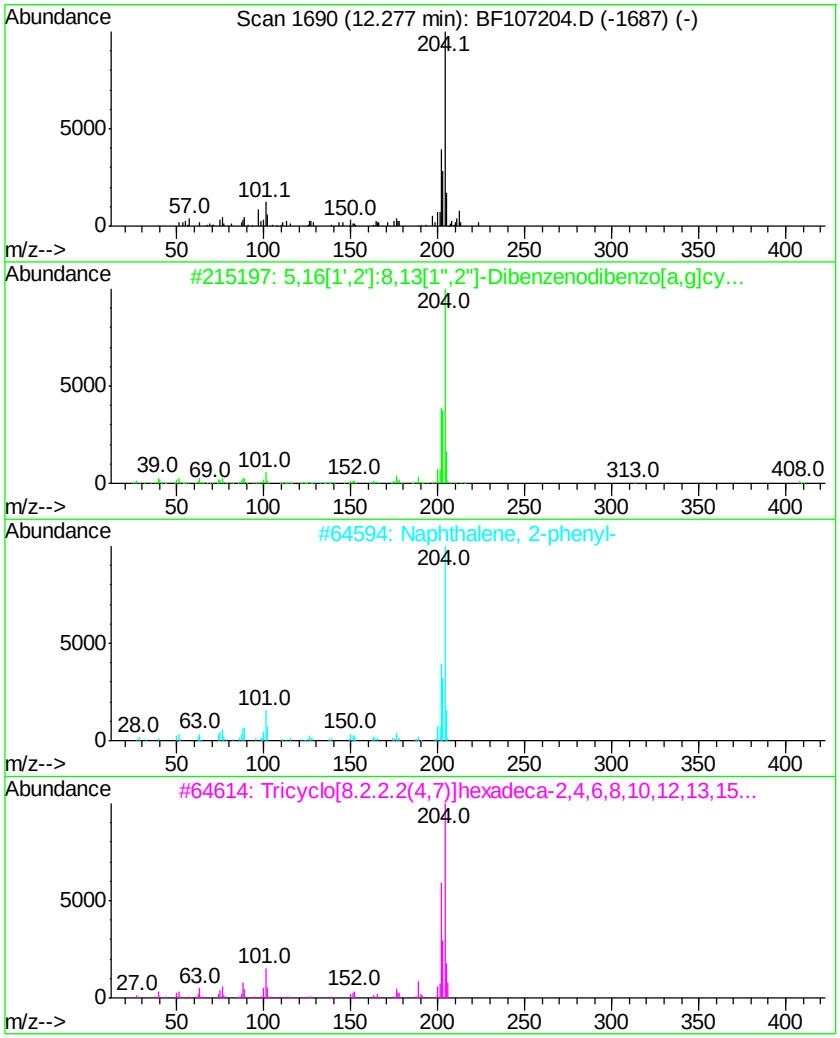
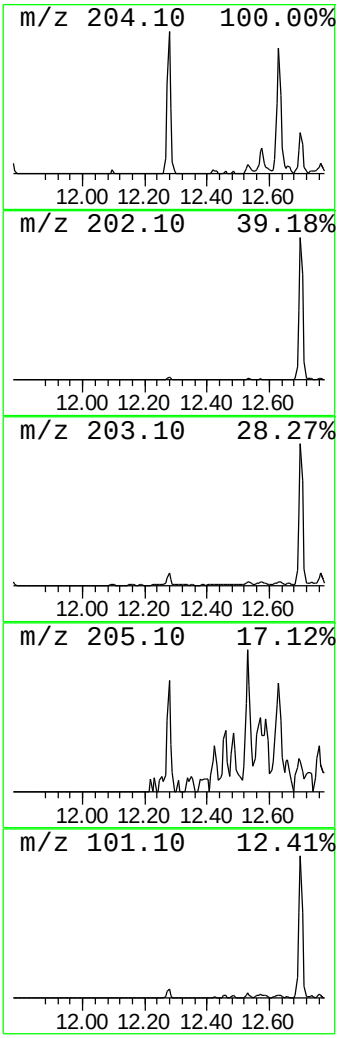
****
Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.53 ng	46387	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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Data File : BF107204.D
Acq On : 7 Jul 2018 14:16
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

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

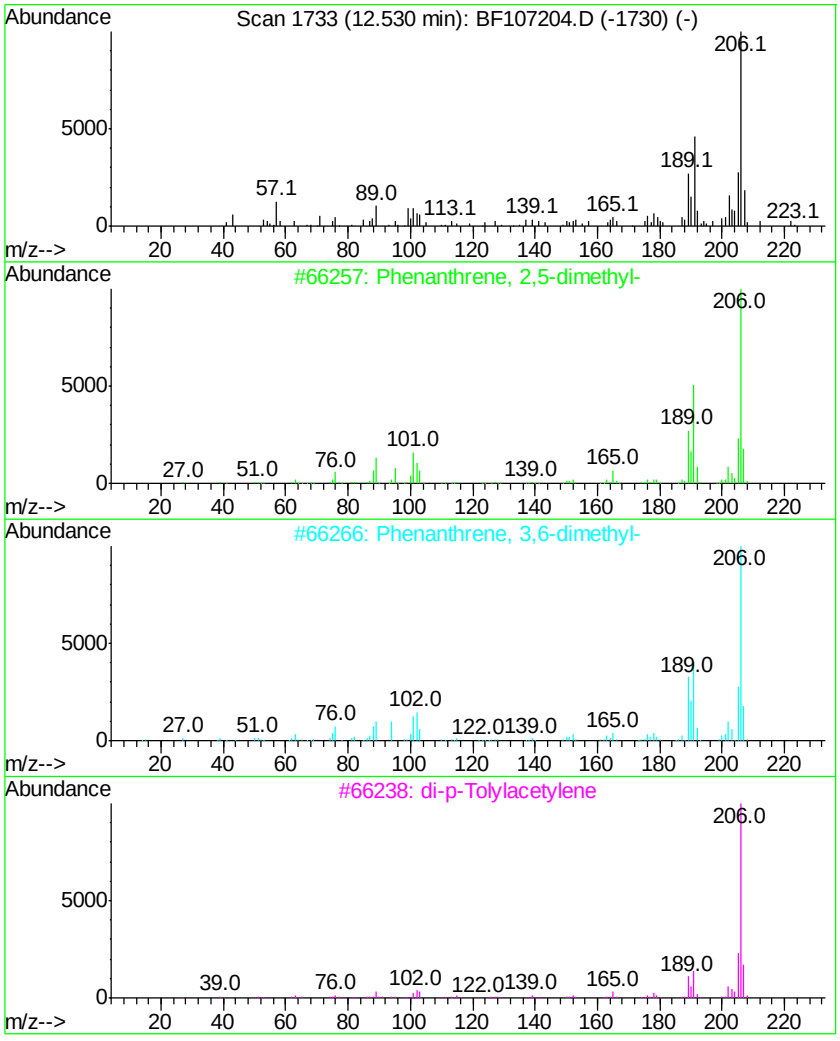
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

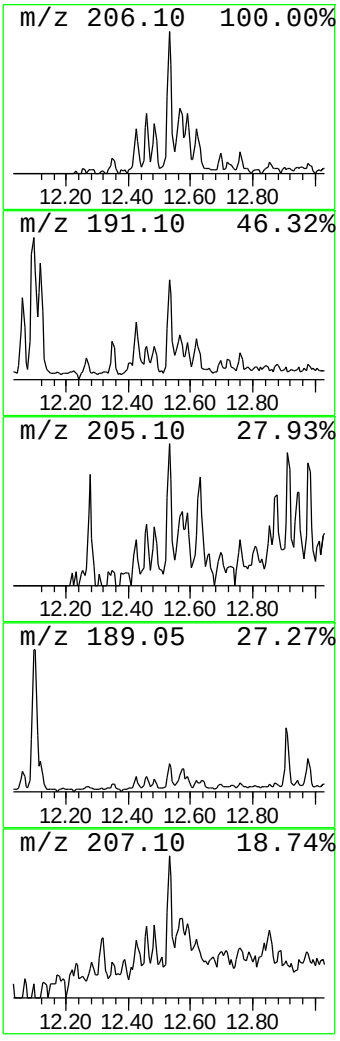
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	3.89 ng	71419	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

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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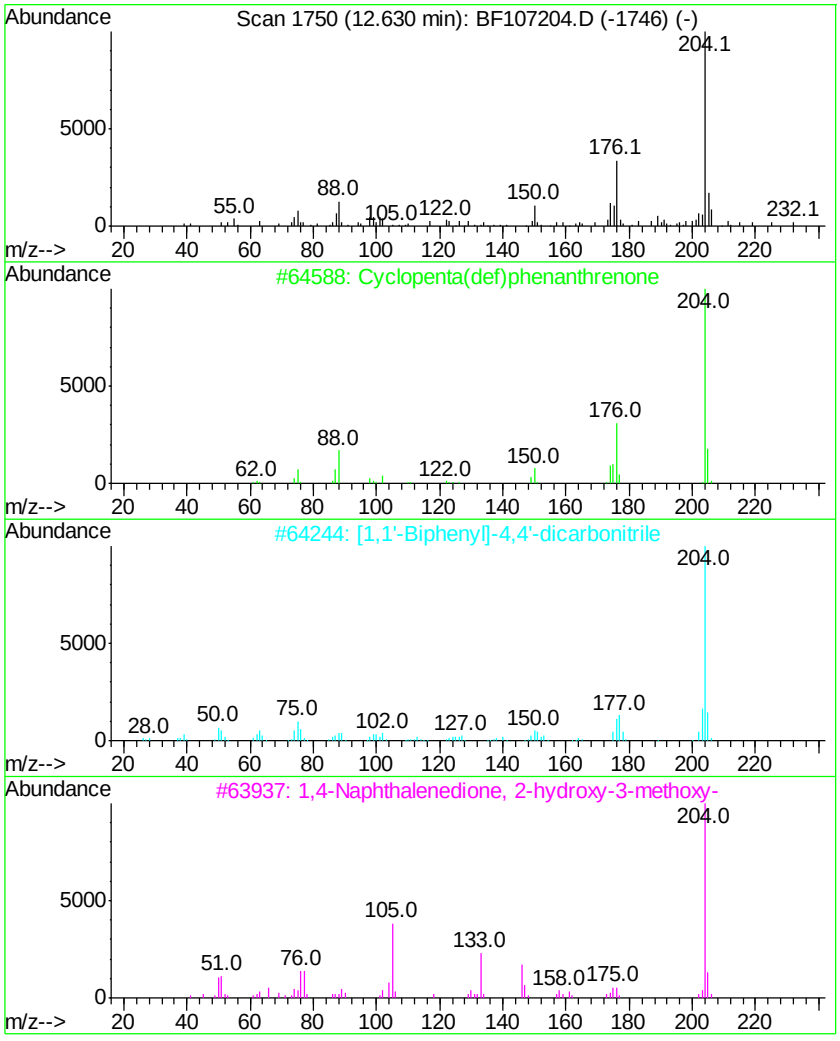
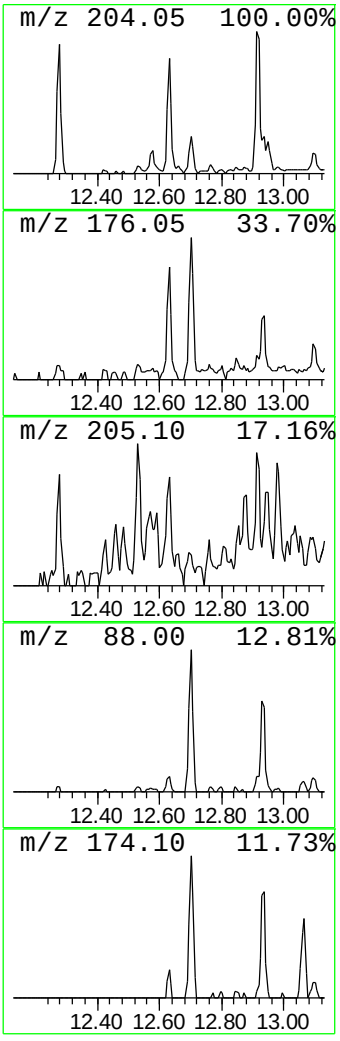
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	4.05 ng	74294	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
3	1,4-Naphthalenedione, 2-hydroxy-...	204	C11H8O4	005257-83-0	53
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	50





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Data File : BF107204.D
Acq On : 7 Jul 2018 14:16
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

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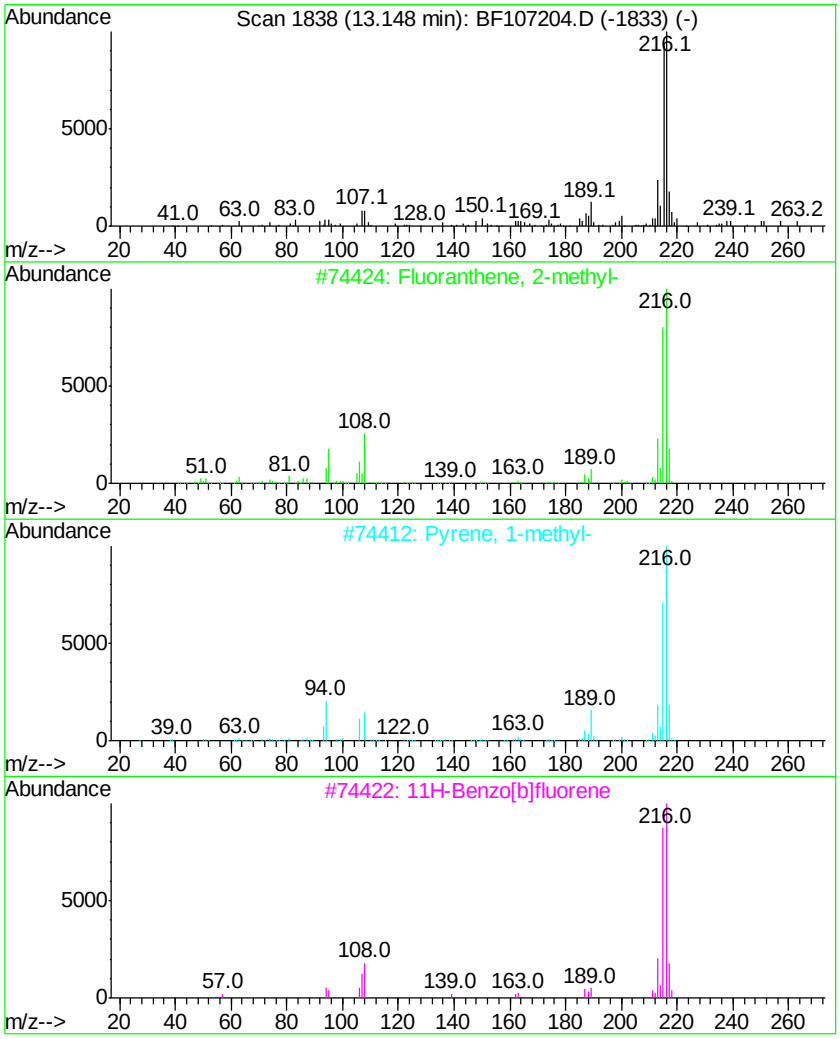
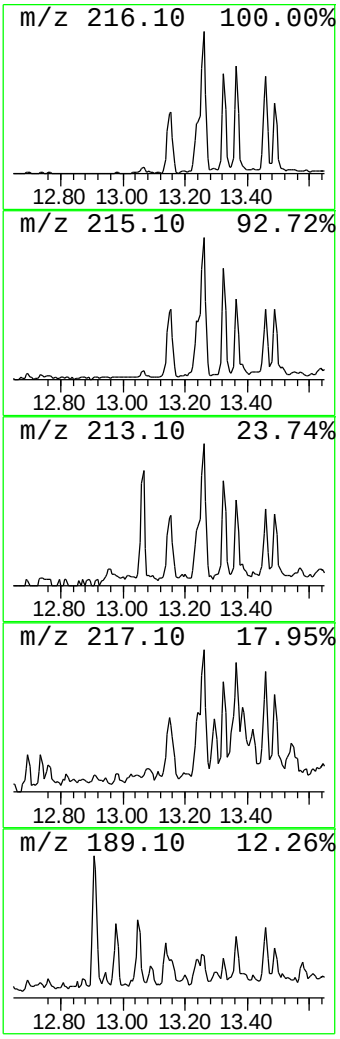
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.62 ng	112382	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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Acq On : 7 Jul 2018 14:16
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

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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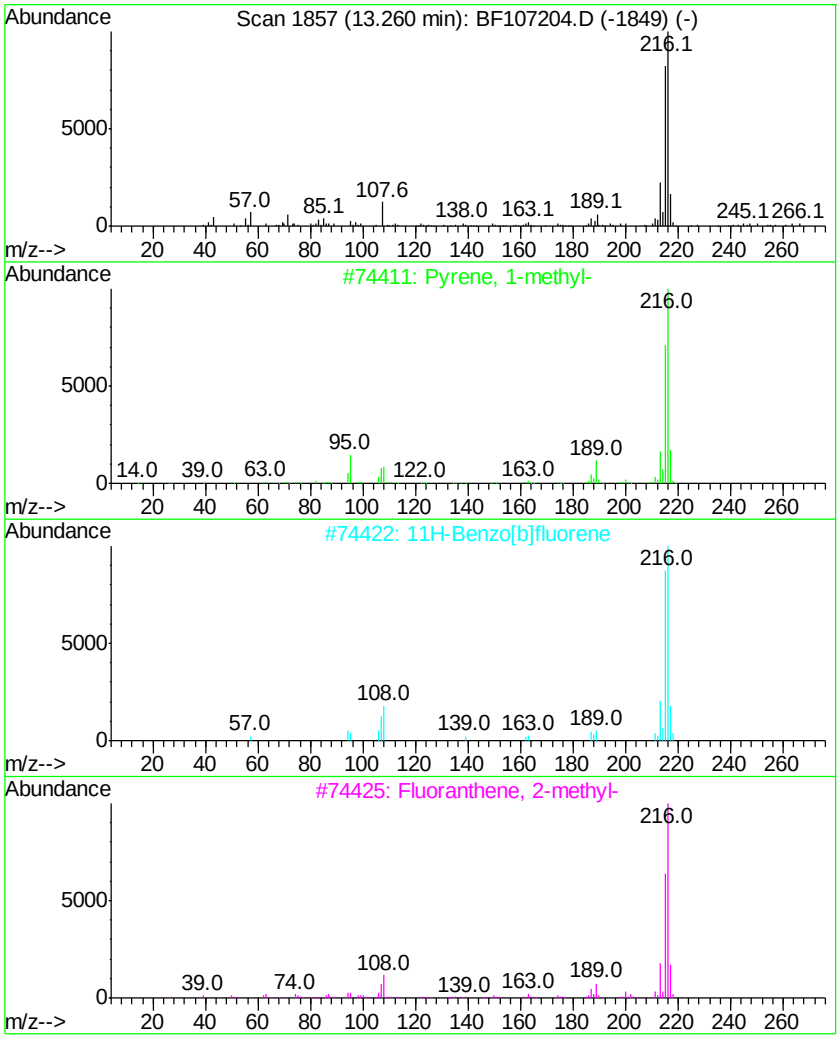
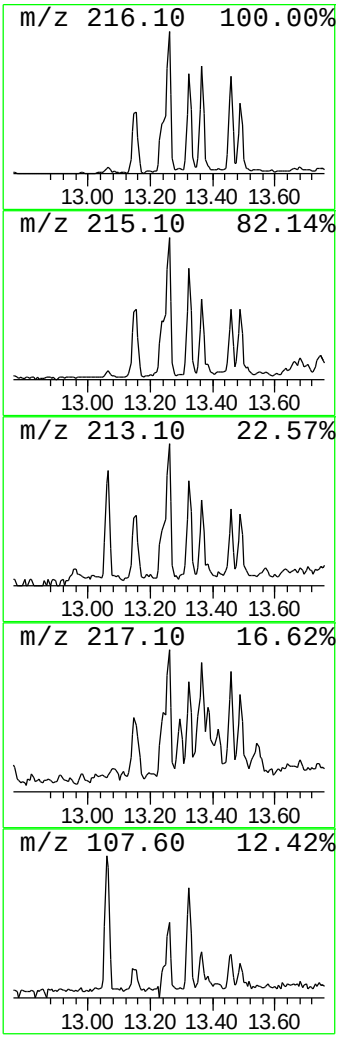
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	5.11 ng	219203	Chrysene-d12	14.14

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





Library Search Compound Report

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Data File : BF107204.D
Acq On : 7 Jul 2018 14:16
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

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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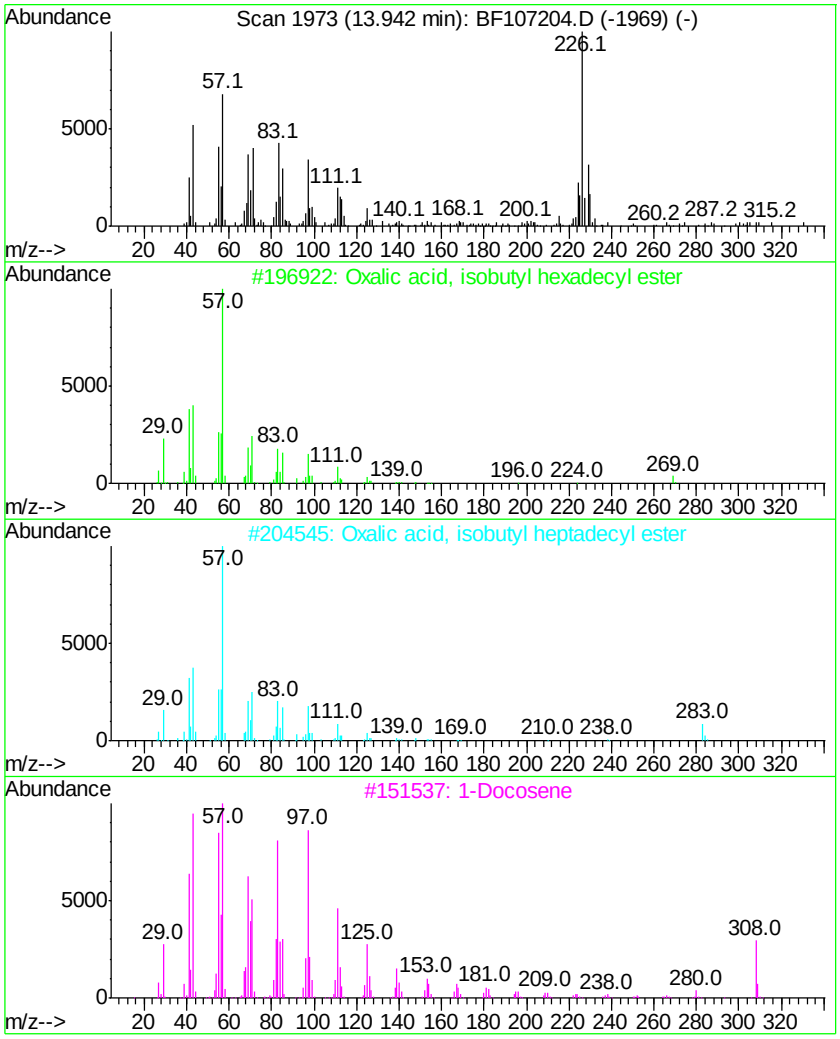
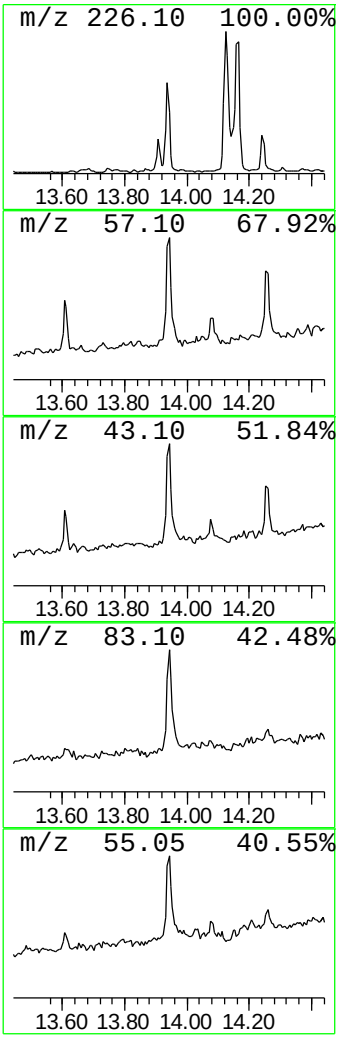
Peak Number 13 unknown13.94 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	5.14 ng	220771	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	45
2	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	43
3	1-Docosene	308	C22H44	001599-67-3	42
4	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	38
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	38





Library Search Compound Report

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Data File : BF107204.D
Acq On : 7 Jul 2018 14:16
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

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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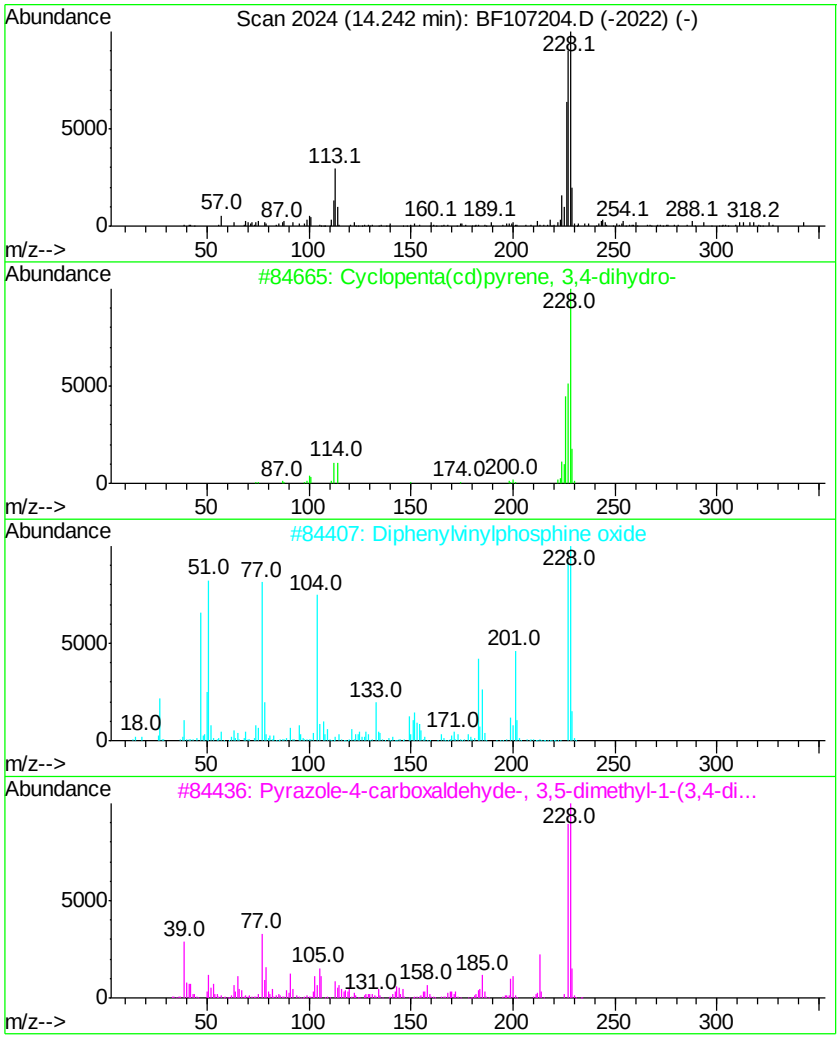
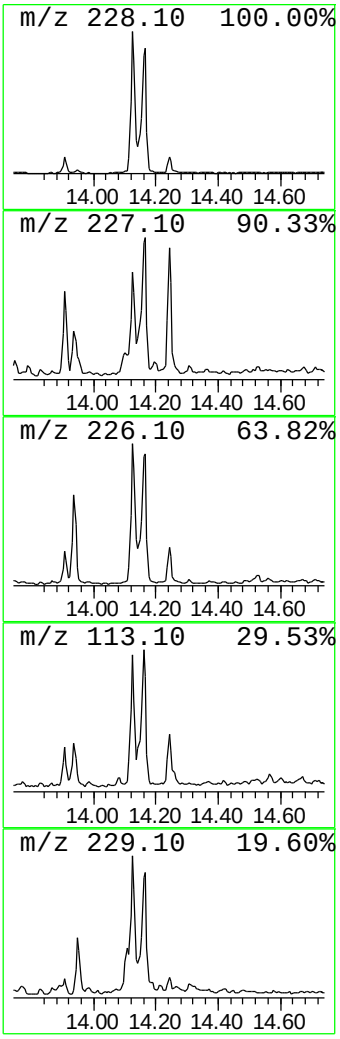
Peak Number 14 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.76 ng	118532	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	95
2	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	47
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	47
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
5	Triphenylene	228	C18H12	000217-59-4	45





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Acq On : 7 Jul 2018 14:16
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

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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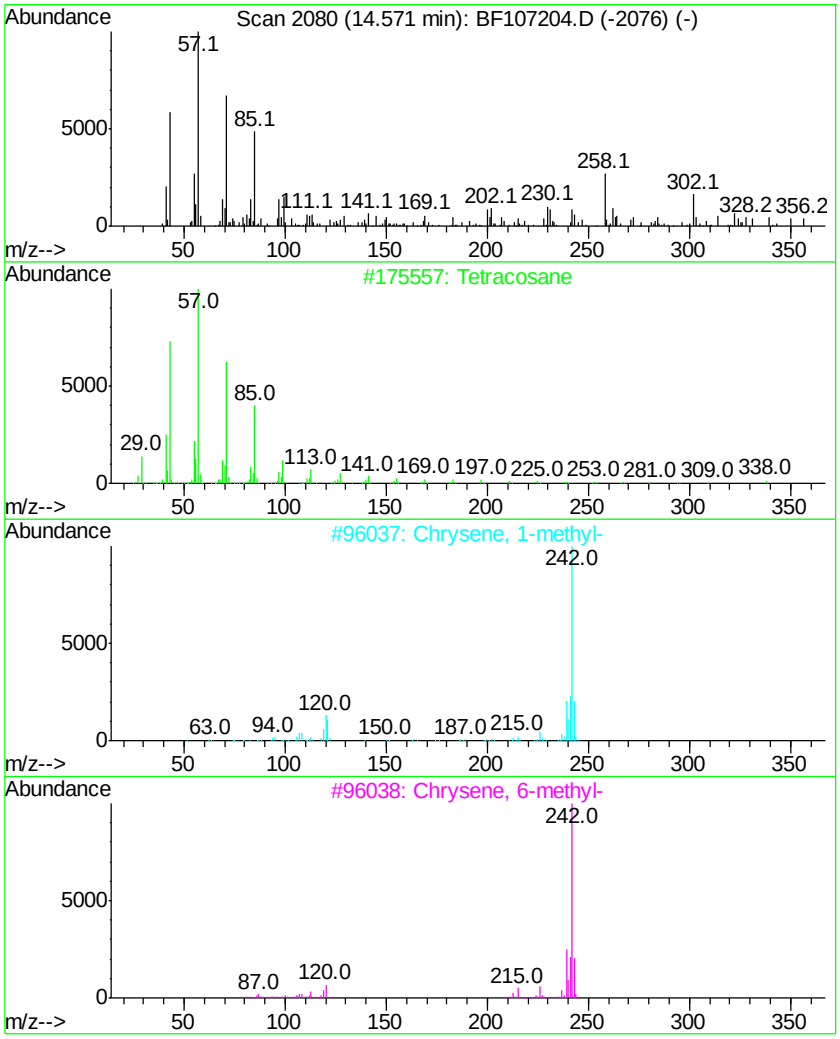
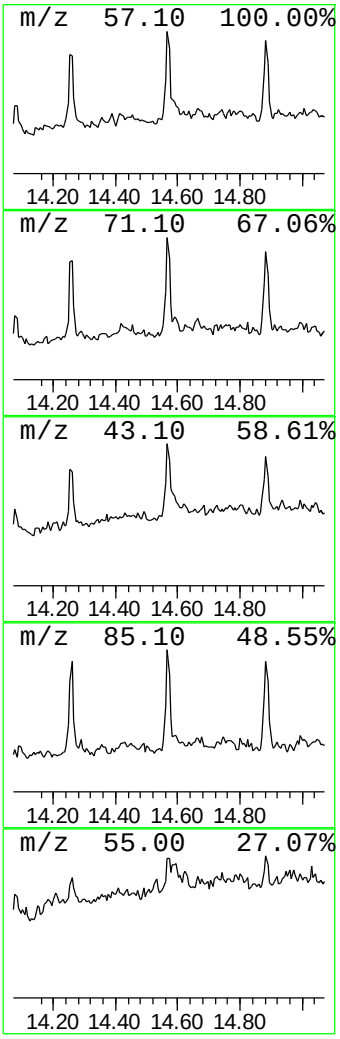
Peak Number 15 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.07 ng	88709	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	52
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	52
3	Chrysene, 6-methyl-	242	C19H14	001705-85-7	46
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	41
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	41





Library Search Compound Report

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Sample : J3881-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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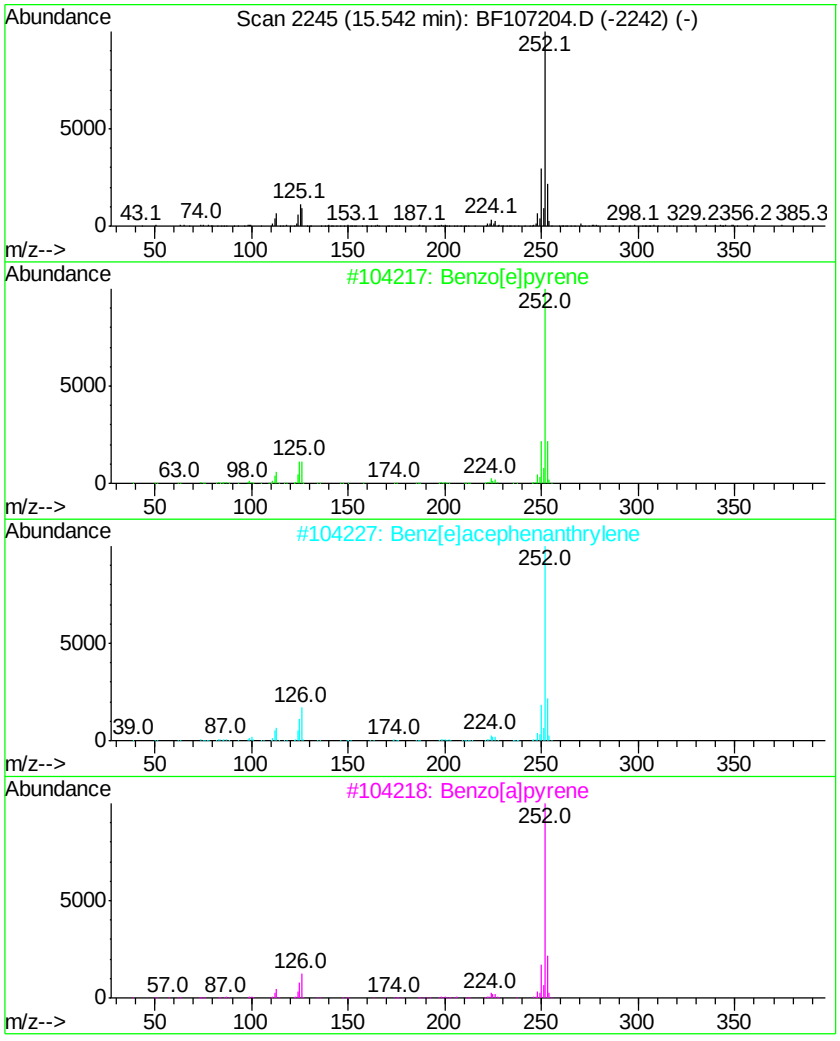
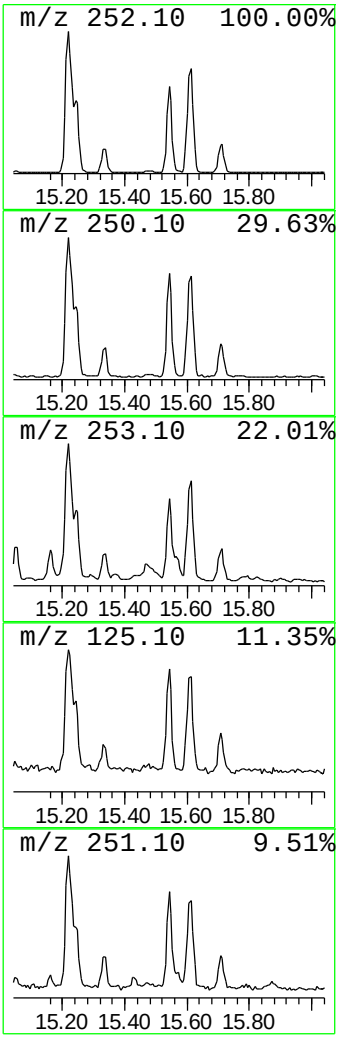
Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	15.36 ng	180965	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	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 : BF107204.D
Acq On : 7 Jul 2018 14:16
Operator : JU/SJ
Sample : J3881-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-22

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	9.8	ng	150896	1	6.94	307625	20.0
unknown6.72	6.72	65.6	ng	1008690	1	6.94	307625	20.0
5H-Indeno[1,2-b]p...	11.72	2.2	ng	40930	4	11.48	367114	20.0
Phenanthrene, 1-m...	11.98	2.8	ng	50954	4	11.48	367114	20.0
4H-Cyclopenta[def...	12.10	6.0	ng	109398	4	11.48	367114	20.0
5,16[1',2']:8,13[...	12.28	2.5	ng	46387	4	11.48	367114	20.0
Phenanthrene, 2,5...	12.53	3.9	ng	71419	4	11.48	367114	20.0
Cyclopenta(def)ph...	12.63	4.0	ng	74294	4	11.48	367114	20.0
Fluoranthene, 2-m...	13.15	2.6	ng	112382	5	14.14	858437	20.0
Pyrene, 1-methyl-	13.26	5.1	ng	219203	5	14.14	858437	20.0
unknown13.94	13.94	5.1	ng	220771	5	14.14	858437	20.0
Cyclopenta(cd)pyr...	14.24	2.8	ng	118532	5	14.14	858437	20.0
Tetracosane	14.57	2.1	ng	88709	5	14.14	858437	20.0
Benzo[e]pyrene	15.54	15.4	ng	180965	6	15.68	235679	20.0