LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107206.D
Acq On : 7 Jul 2018 15:09
Operator : JU/SJ
Sample : J3881-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-24

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	139604	171118	13.87%	1.091%
2	5.590	550	553	567	rBV	1093876	1102772	89.39%	7.030%
3	6.601	721	725	743	rBV	946344	1161596	94.16%	7.405%
4	6.731	743	747	751	rVV	1191928	1127793	91.42%	7.189%
5	6.760	751	752	760	rVB4	19267	21460	1.74%	0.137%
6	6.943	780	783	788	rBB	329025	300202	24.33%	1.914%
7	7.101	806	810	814	rBV	1023351	916181	74.27%	5.840%
8	7.513	875	880	889	rBV	752971	708699	57.45%	4.518%
9	8.231	998	1002	1004	rBV	359816	331271	26.85%	2.112%
10	8.942	1119	1123	1129	rBV	36190	35319	2.86%	0.225%
11	9.042	1137	1140	1144	rBV	20488	17447	1.41%	0.111%
12	9.301	1180	1184	1187	rBV	1379779	1191855	96.61%	7.598%
13	9.366	1192	1195	1199	rVV2	18437	20779	1.68%	0.132%
14	9.407	1199	1202	1205	rVB2	20068	20101	1.63%	0.128%
15	9.572	1226	1230	1234	rBV2	12666	15550	1.26%	0.099%
16	9.695	1245	1251	1257	rVB	158489	153597	12.45%	0.979%
17	9.848	1271	1277	1281	rBV	32888	36647	2.97%	0.234%
18	9.895	1281	1285	1287	rVB2	18723	18506	1.50%	0.118%
19	9.989	1298	1301	1304	rBV	360037	314116	25.46%	2.002%
20	10.019	1304	1306	1311	rVB	58546	47830	3.88%	0.305%
21	10.195	1332	1336	1339	rBV2	33669	36613	2.97%	0.233%
22	10.301	1350	1354	1357	rBV3	12238	14508	1.18%	0.092%
23	10.389	1366	1369	1372	rBV2	24587	22022	1.79%	0.140%
24	10.536	1391	1394	1399	rVB	40528	43079	3.49%	0.275%
25	10.613	1400	1407	1410	rBV3	13320	23231	1.88%	0.148%
26	10.783	1432	1436	1442	rBV	730222	665590	53.95%	4.243%
27	10.878	1447	1452	1454	rBV3	25908	32236	2.61%	0.205%
28	11.107	1490	1491	1495	rVB2	14710	14248	1.15%	0.091%
29	11.236	1511	1513	1517	rVB3	11459	14870	1.21%	0.095%
30	11.289	1518	1522	1524	rVV2	22837	23145	1.88%	0.148%
31	11.319	1524	1527	1530	rVV2	27590	39337	3.19%	0.251%
32	11.378	1534	1537	1541	rVB	18821	21011	1.70%	0.134%
33	11.483	1551	1555	1557	rBV	395871	347982	28.21%	2.218%
34	11.507	1557	1559	1562	rVV	309475	239507	19.41%	1.527%

LSC Area Percent Report

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Acq On : 7 Jul 2018 15:09
Operator : JU/SJ
Sample : J3881-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-24

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	11.560	1565	1568	1571	rBV	94737	78112	6.33%	0.498%
36	11.719	1592	1595	1597	rBV	25338	23617	1.91%	0.151%
37	11.742	1597	1599	1602	rVB2	19219	16525	1.34%	0.105%
38	11.819	1609	1612	1615	rVB2	12968	15459	1.25%	0.099%
39	11.907	1625	1627	1631	rVB3	17208	18314	1.48%	0.117%
40	11.948	1631	1634	1637	rBV5	9202	14712	1.19%	0.094%
41	11.983	1637	1640	1643	rVV	56475	56350	4.57%	0.359%
42	12.013	1643	1645	1648	rVV	66643	56410	4.57%	0.360%
43	12.060	1651	1653	1656	rVB	27858	28305	2.29%	0.180%
44	12.101	1656	1660	1662	rBV	93258	101397	8.22%	0.646%
45	12.148	1666	1668	1671	rBV3	16053	16555	1.34%	0.106%
46	12.277	1687	1690	1693	rBV	55861	46315	3.75%	0.295%
47	12.319	1694	1697	1700	rVB2	31881	30968	2.51%	0.197%
48	12.425	1713	1715	1719	rVB2	20617	22216	1.80%	0.142%
49	12.460	1719	1721	1723	rBV	23102	15975	1.29%	0.102%
50	12.483	1723	1725	1728	rBV2	40026	33801	2.74%	0.215%
51	12.536	1730	1734	1737	rBV2	71390	82866	6.72%	0.528%
52	12.630	1746	1750	1753	rBV2	50025	64237	5.21%	0.409%
53	12.701	1758	1762	1766	rBV	576985	568055	46.05%	3.621%
54	12.736	1766	1768	1770	rVB2	19787	17030	1.38%	0.109%
55	12.766	1770	1773	1775	rBV3	15950	18001	1.46%	0.115%
56	12.854	1786	1788	1790	rBV2	22911	16301	1.32%	0.104%
57	12.913	1795	1798	1799	rBV	126319	108315	8.78%	0.690%
58	12.936	1799	1802	1807	rVV	629002	564913	45.79%	3.601%
59	12.983	1807	1810	1814	rVB	39723	41325	3.35%	0.263%
60	13.066	1820	1824	1827	rBV	1324972	1233641	100.00%	7.864%
61	13.095	1827	1829	1834	rVB	36704	44877	3.64%	0.286%
62	13.154	1834	1839	1843	rBV3	54027	111562	9.04%	0.711%
63	13.260	1850	1857	1861	rBV3	104403	200610	16.26%	1.279%
64	13.330	1866	1869	1871	rBV	53347	49624	4.02%	0.316%
65	13.366	1873	1875	1878	rVB2	46375	46345	3.76%	0.295%
66	13.460	1889	1891	1894	rBV	70100	61717	5.00%	0.393%
67	13.495	1894	1897	1900	rVV2	54828	63659	5.16%	0.406%
68	13.613	1915	1917	1919	rBV	35177	26899	2.18%	0.171%
69	13.777	1942	1945	1949	rBV	72349	66904	5.42%	0.427%
70	13.889	1961	1964	1966	rBV	54075	48294	3.91%	0.308%
71	13.913	1966	1968	1970	rVB	66726	48297	3.91%	0.308%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3881-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-24

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	13.942	1970	1973	1978	rBV3	198875	247698	20.08%	1.579%
73	13.989	1979	1981	1984	rVB	61046	48369	3.92%	0.308%
74	14.136	2002	2006	2009	rBV2	473469	713956	57.87%	4.551%
75	14.166	2009	2011	2014	rVB	317110	258426	20.95%	1.647%
76	14.248	2023	2025	2031	rBV2	63513	88351	7.16%	0.563%
77	15.224	2188	2191	2199	rVB	230608	500953	40.61%	3.193%
78	15.554	2244	2247	2251	rVB	120270	140033	11.35%	0.893%
79	15.618	2255	2258	2262	rVV	166234	197650	16.02%	1.260%
80	15.683	2266	2269	2272	rVV	170699	182589	14.80%	1.164%

Sum of corrected areas: 15686746

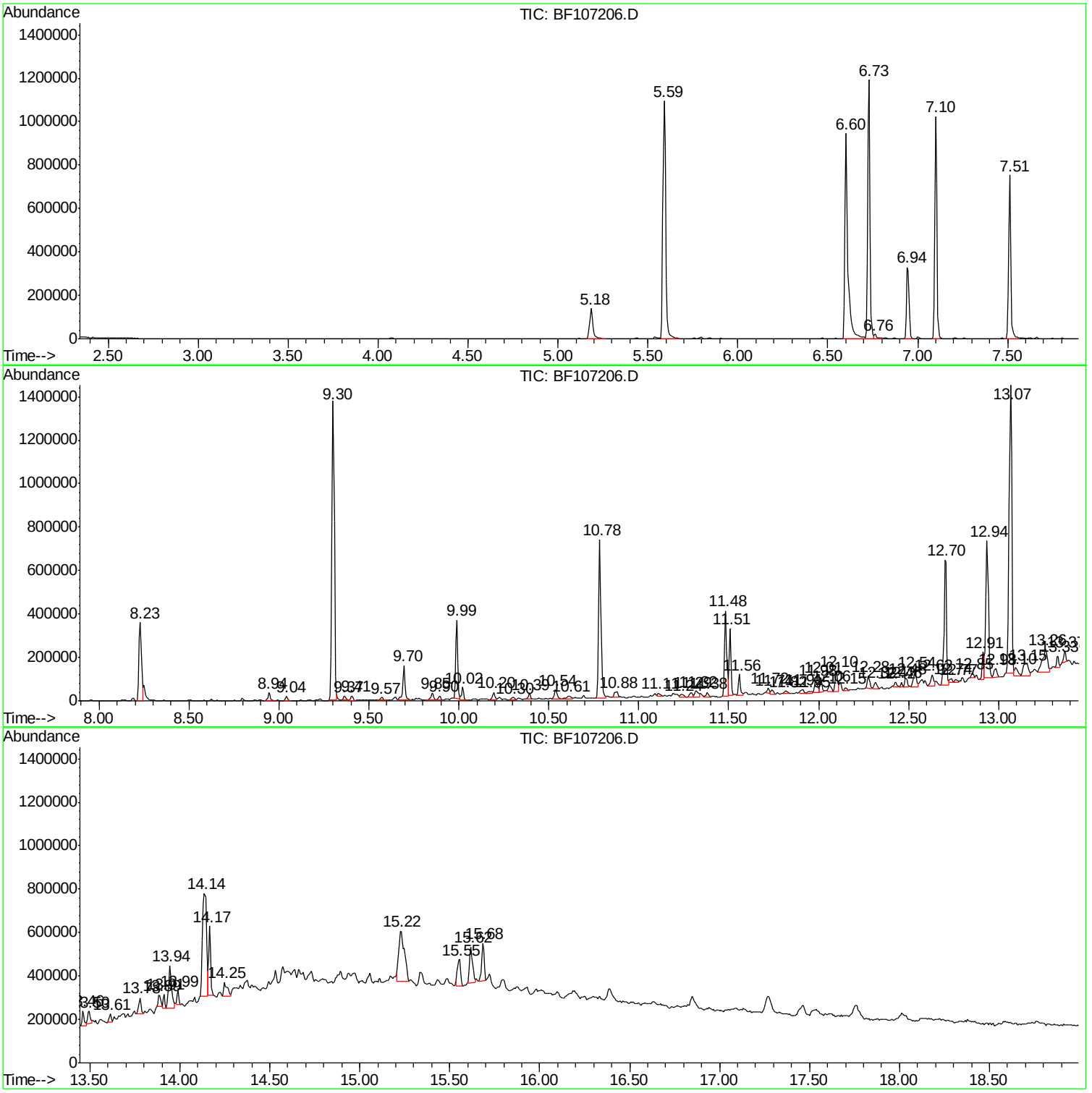
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107206.D
Acq On : 7 Jul 2018 15:09
Operator : JU/SJ
Sample : J3881-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-24

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 : BF107206.D
Acq On : 7 Jul 2018 15:09
Operator : JU/SJ
Sample : J3881-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-24

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

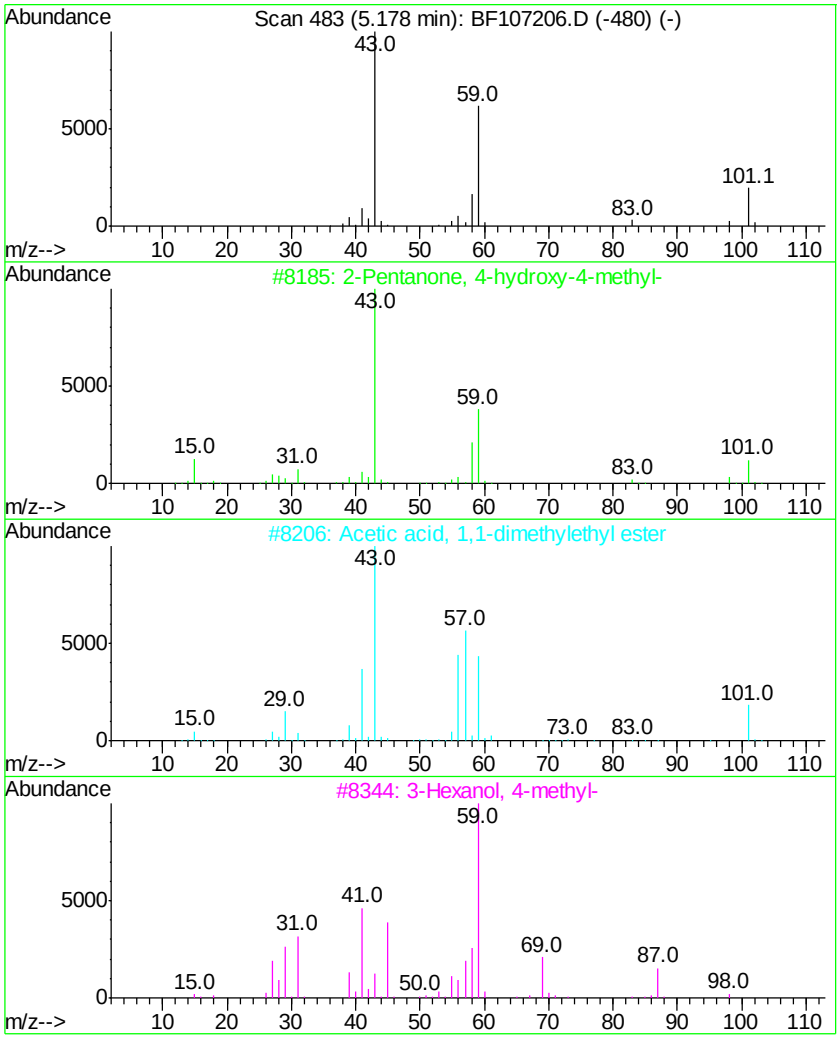
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

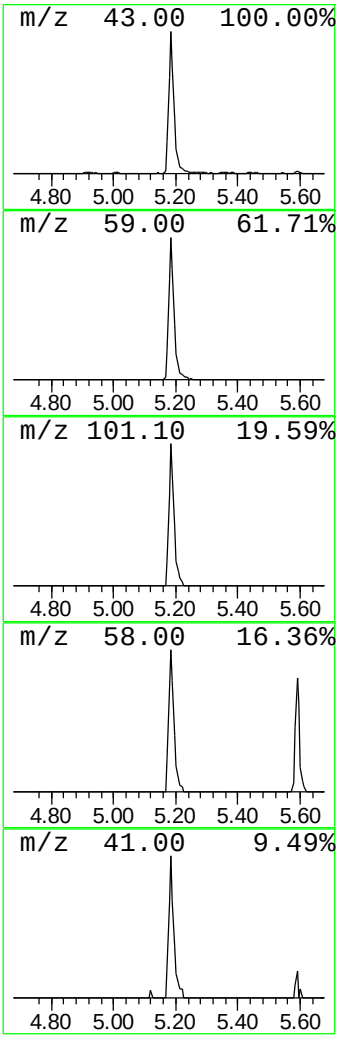
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	11.40 ng	171118	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	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
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Sample : J3881-07
Misc :
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Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-24

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

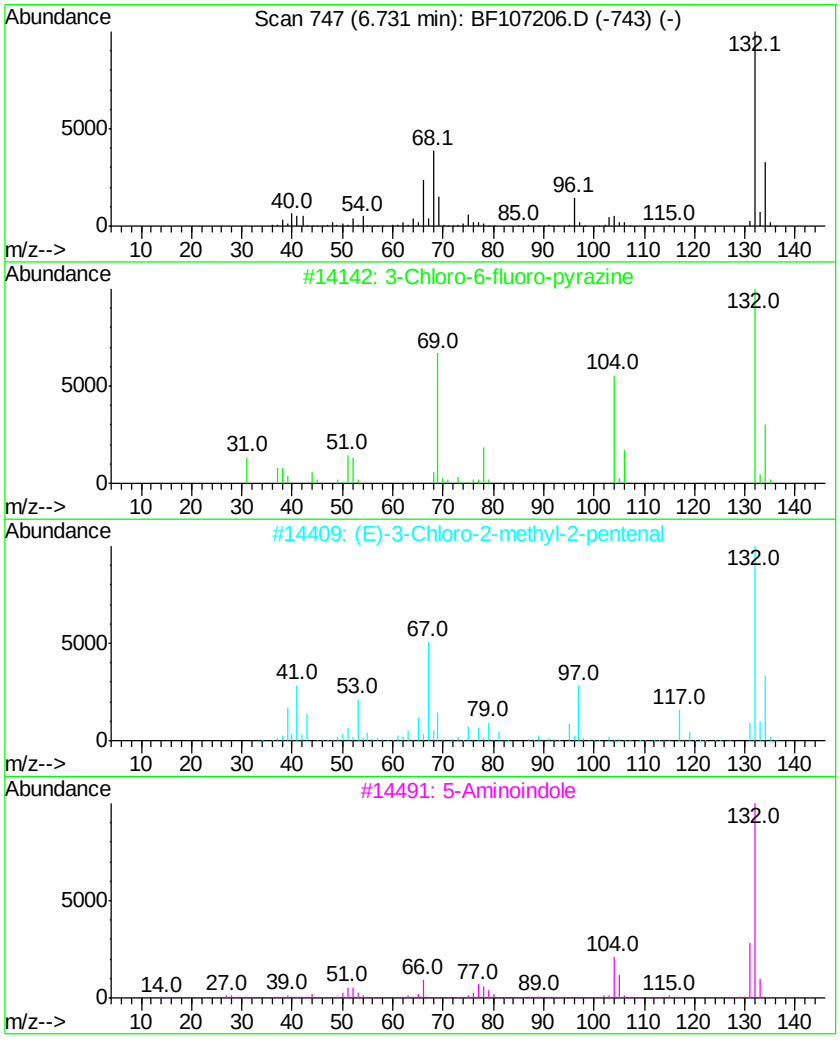
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

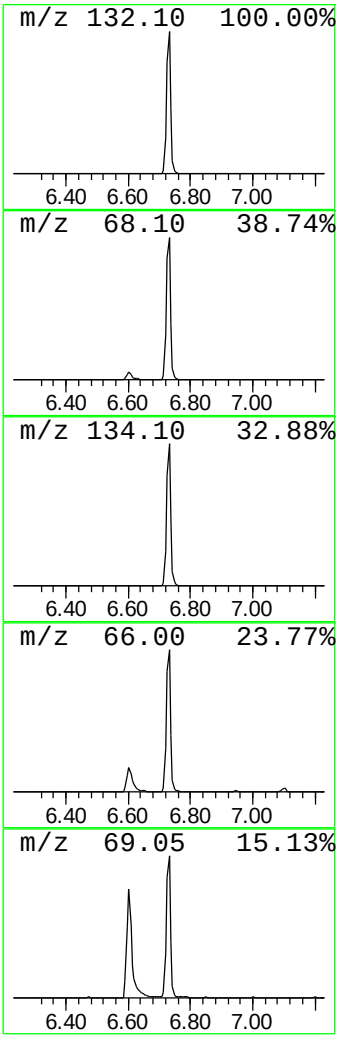
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	75.14 ng	1127790	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	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-24

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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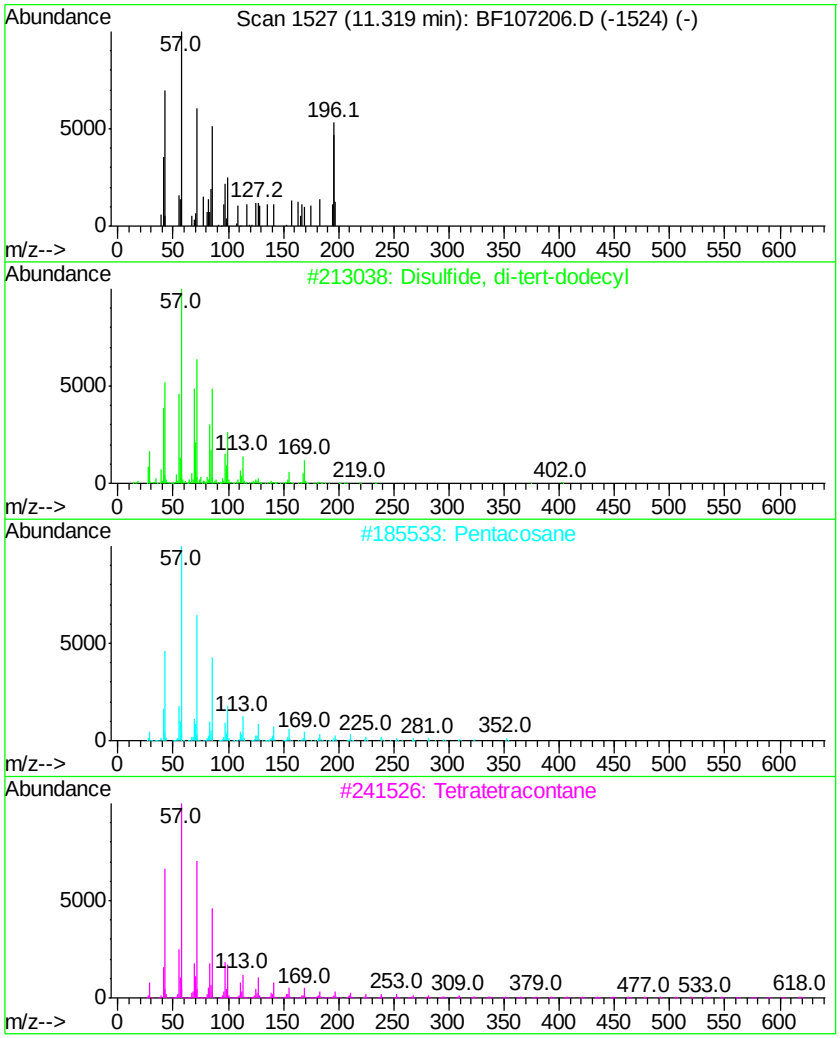
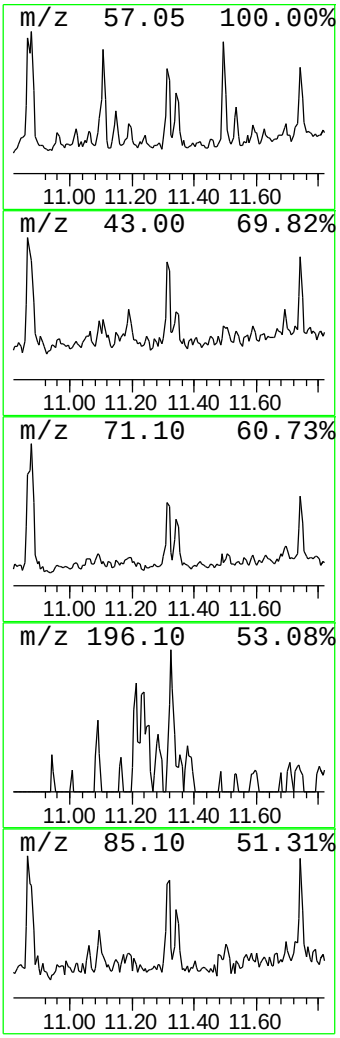
****

Peak Number 4 unknown11.32 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	2.26 ng	39337	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	38
2	Pentacosane	352	C25H52	000629-99-2	35
3	Tetratetracontane	619	C44H90	007098-22-8	35
4	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	35
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	27





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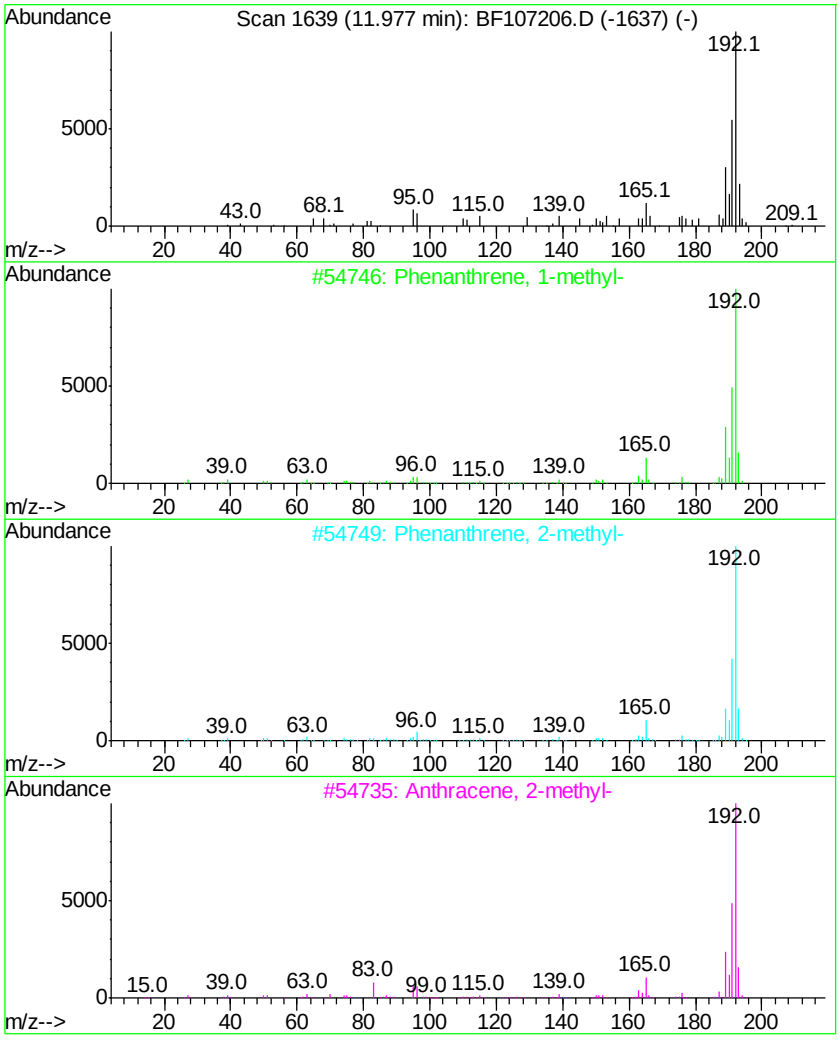
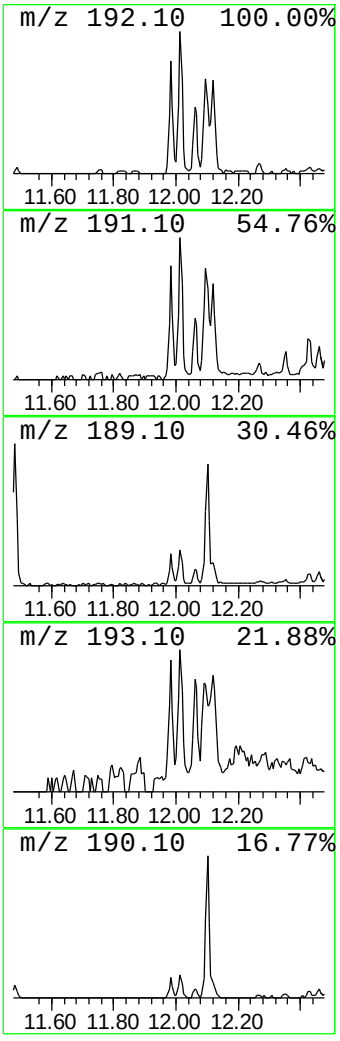
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	3.24 ng	56350	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Operator : JU/SJ
Sample : J3881-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-24

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

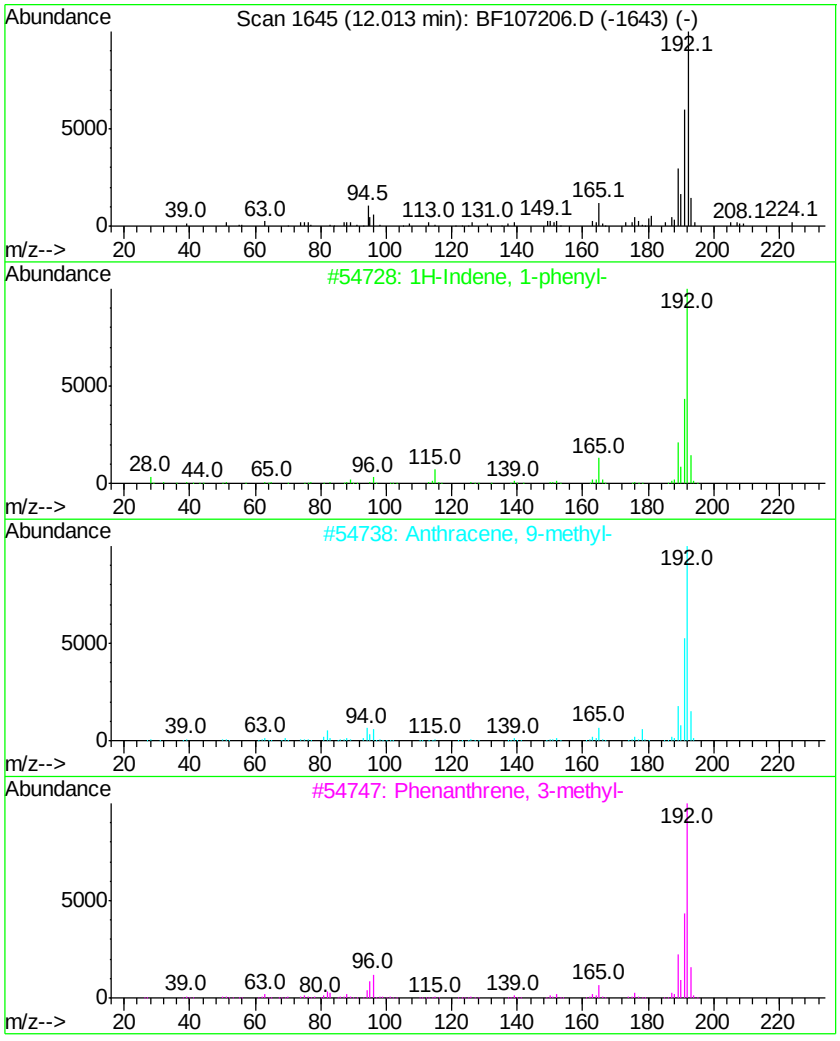
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

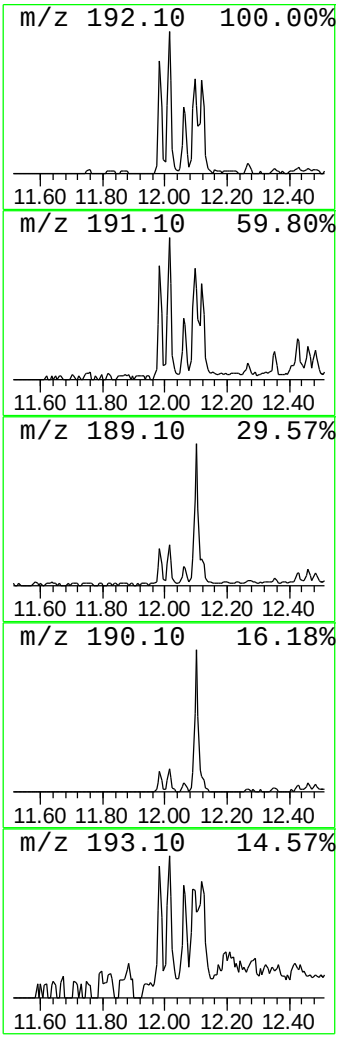
****

Peak Number 6 1H-Indene, 1-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.24 ng	56410	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107206.D
Acq On : 7 Jul 2018 15:09
Operator : JU/SJ
Sample : J3881-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-24

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

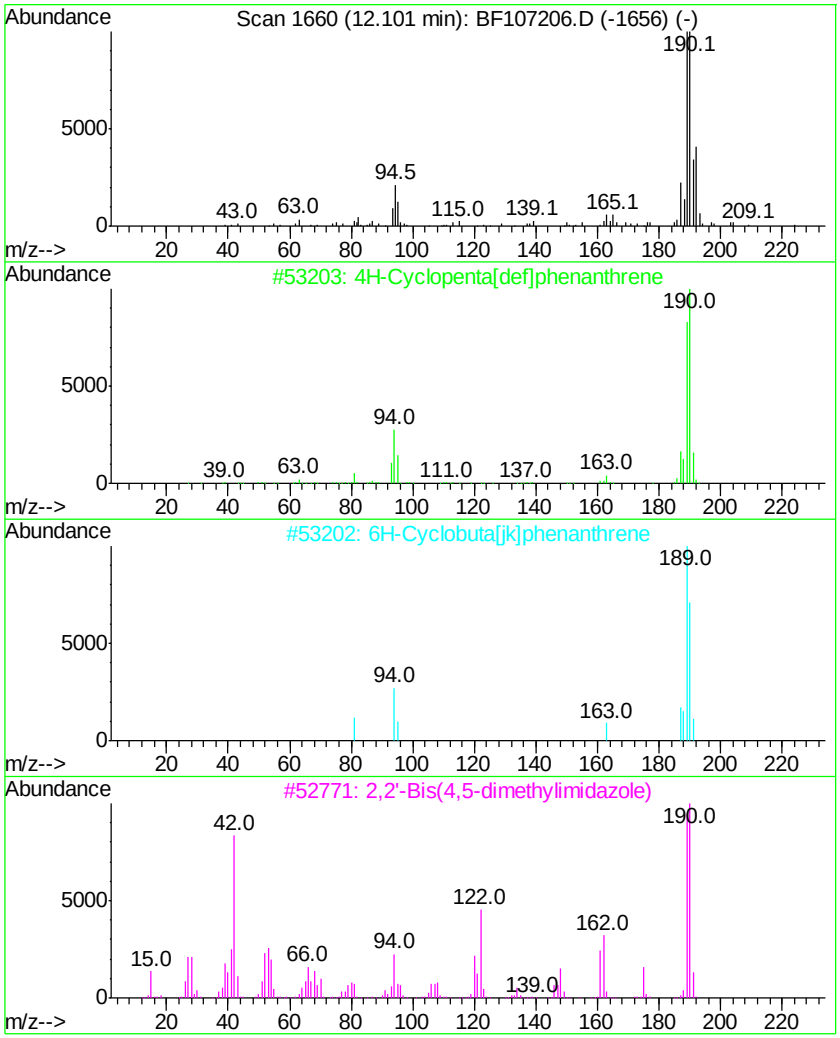
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

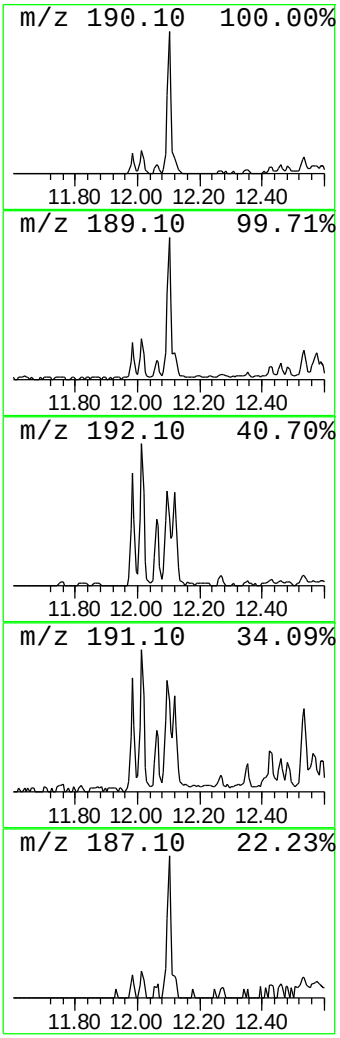
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	5.83 ng	101397	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	27
5	4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	25





Library Search Compound Report

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Data File : BF107206.D
Acq On : 7 Jul 2018 15:09
Operator : JU/SJ
Sample : J3881-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-24

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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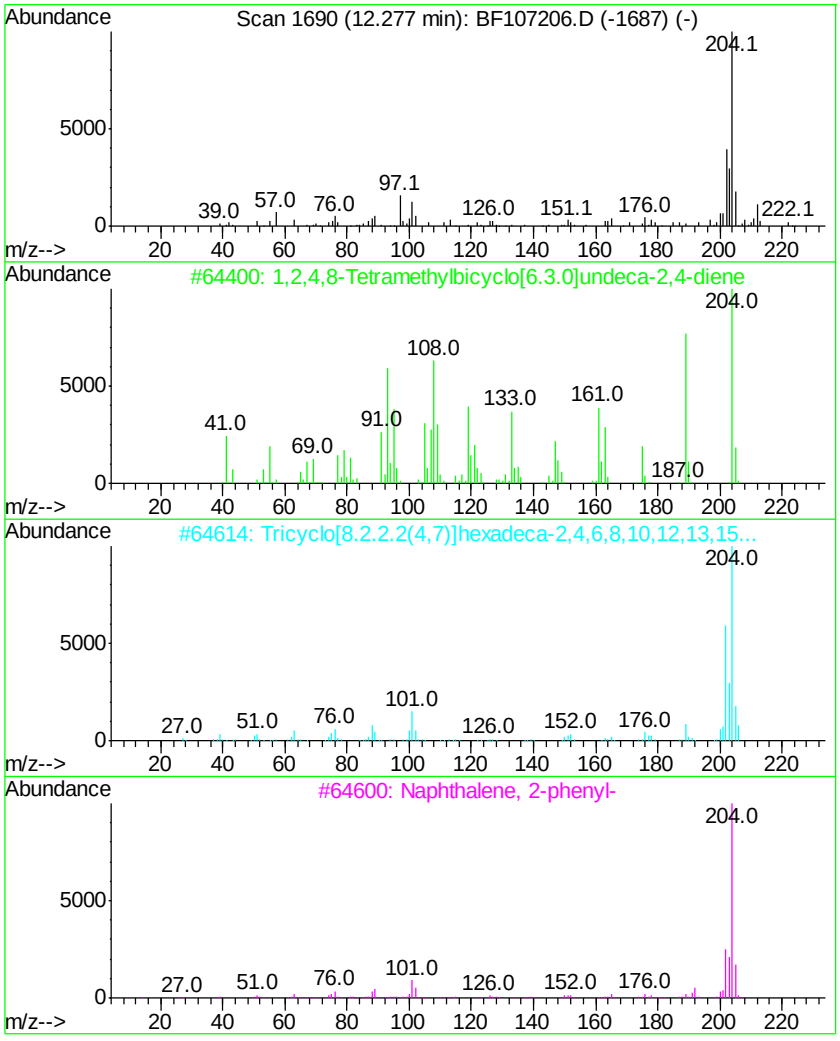
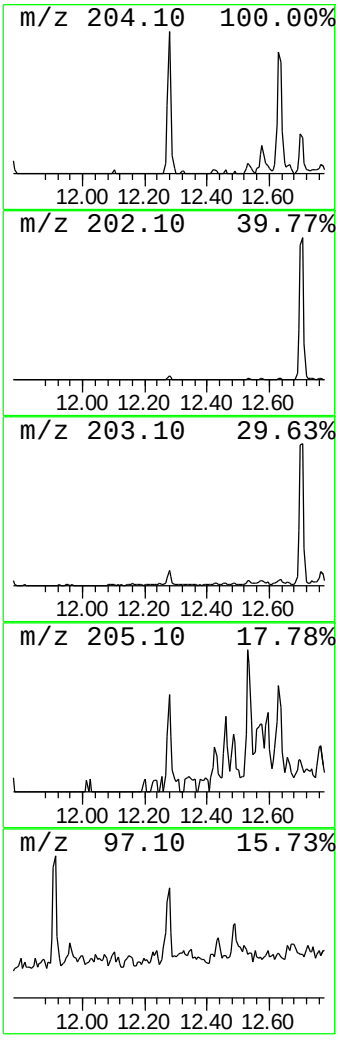
Peak Number 8 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.66 ng	46315	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	53





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Sample : J3881-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-24

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

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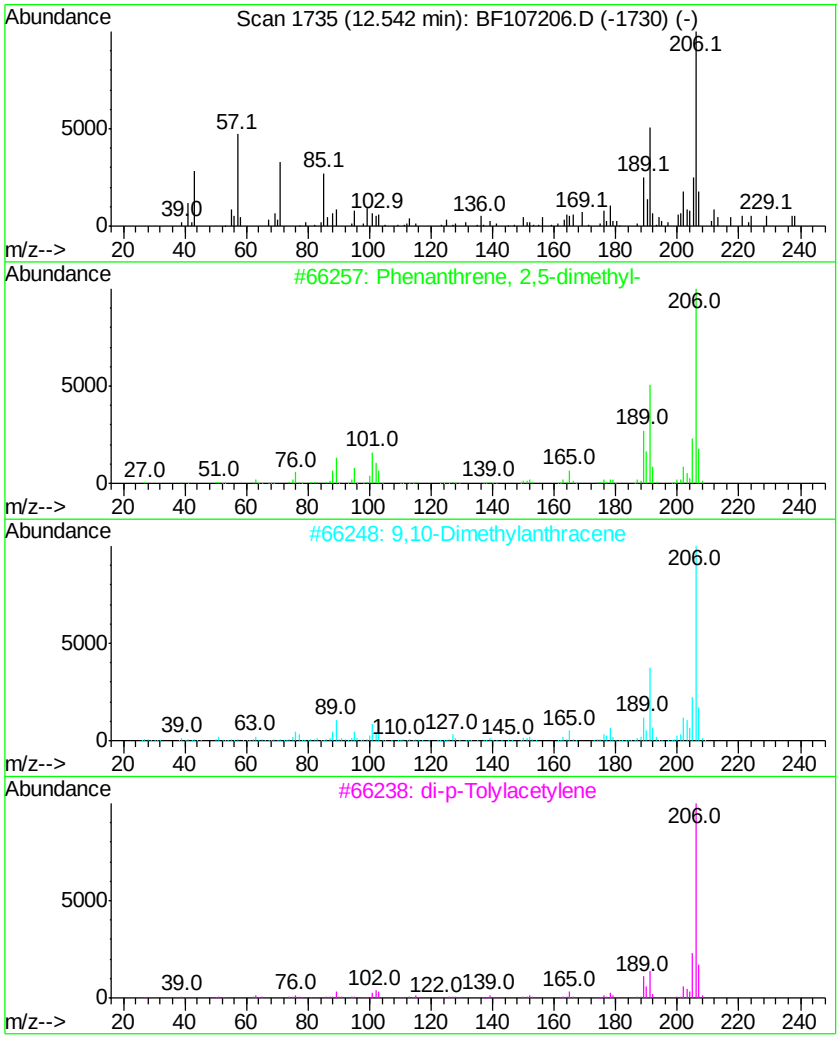
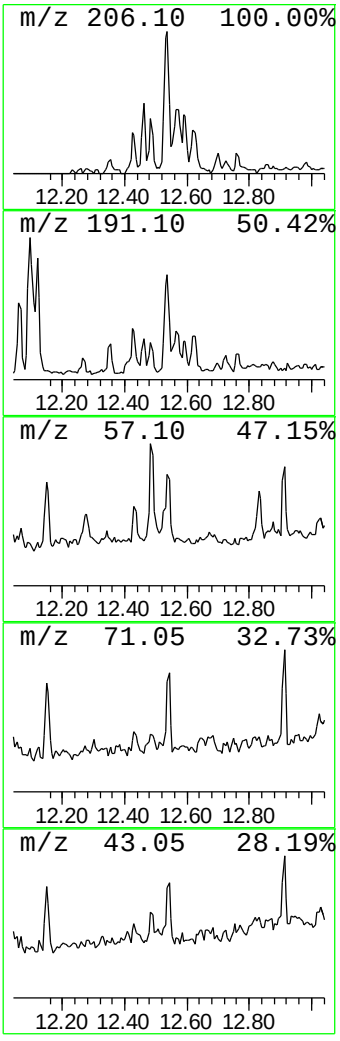
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	4.76 ng	82866	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	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Sample : J3881-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-24

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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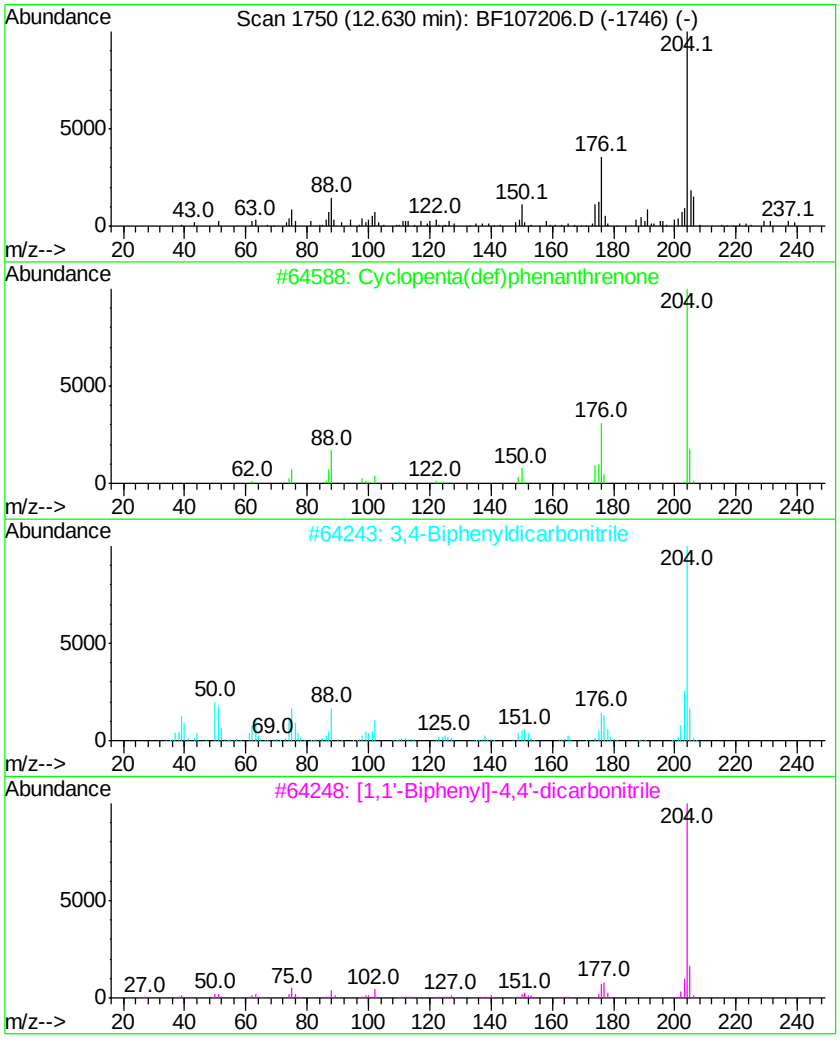
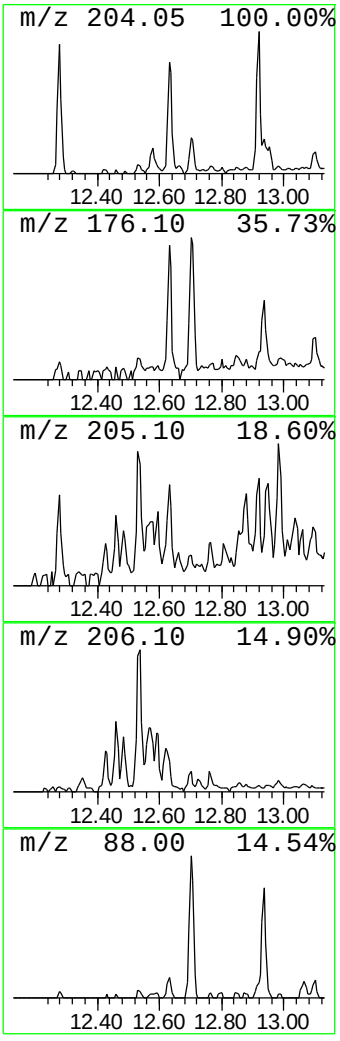
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.69 ng	64237	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	47





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Operator : JU/SJ
Sample : J3881-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-24

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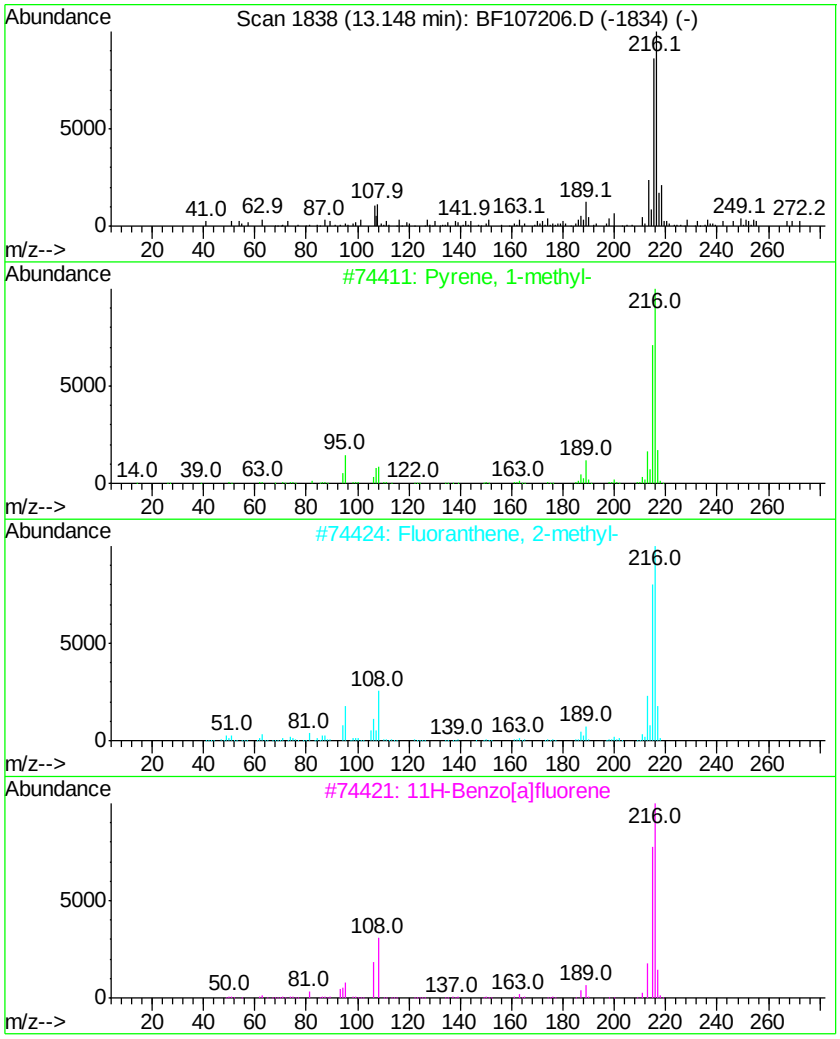
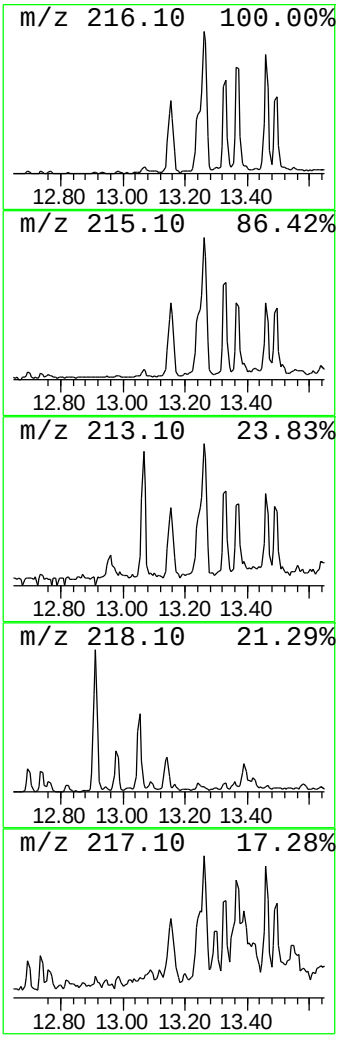
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.13 ng	111562	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





Library Search Compound Report

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Acq On : 7 Jul 2018 15:09
Operator : JU/SJ
Sample : J3881-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-24

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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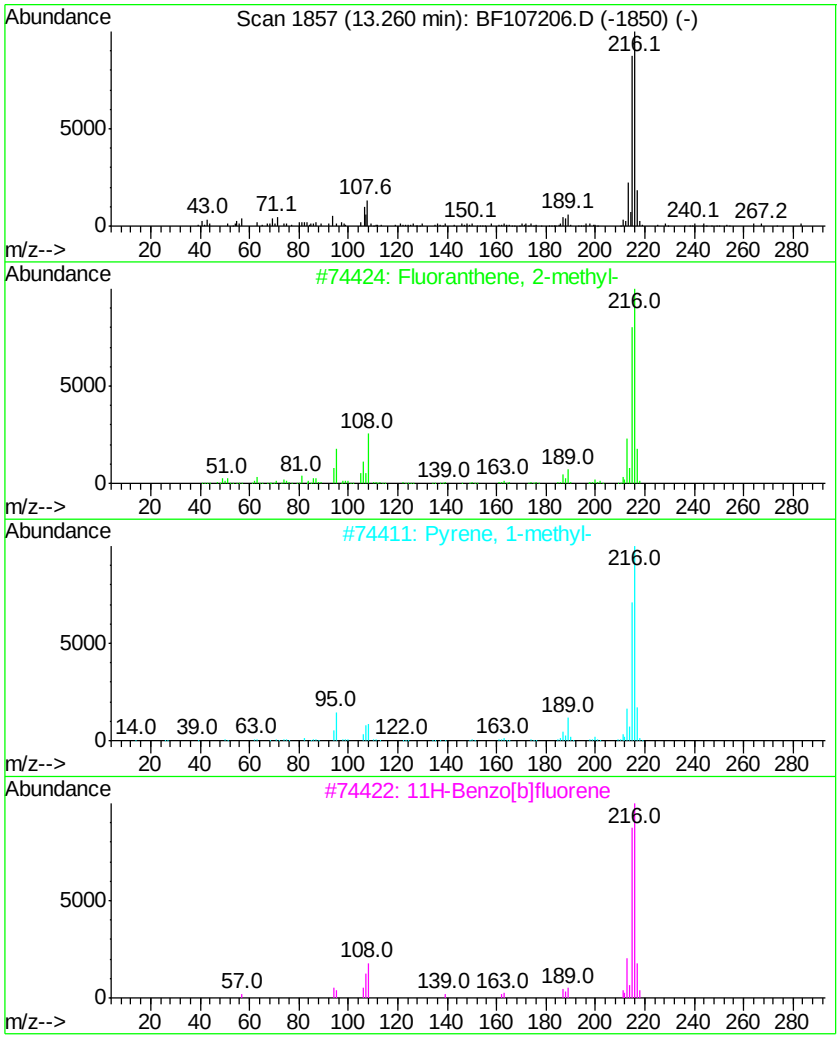
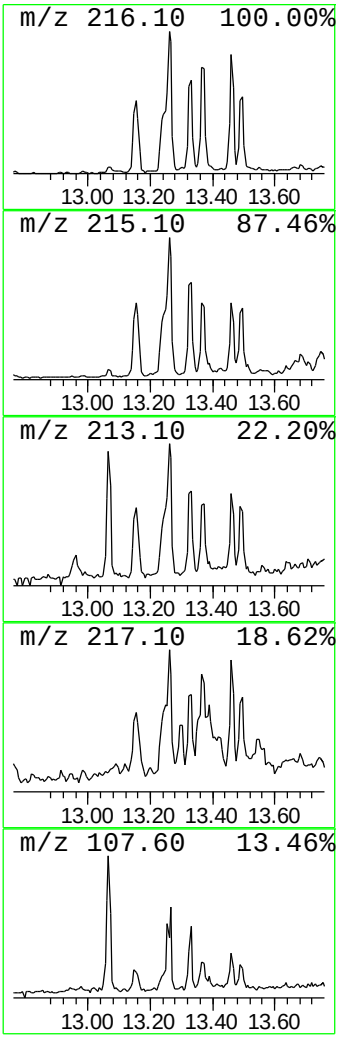
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	5.62 ng	200610	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Operator : JU/SJ
Sample : J3881-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-24

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TIC Library : C:\DATABASE\NIST11.L
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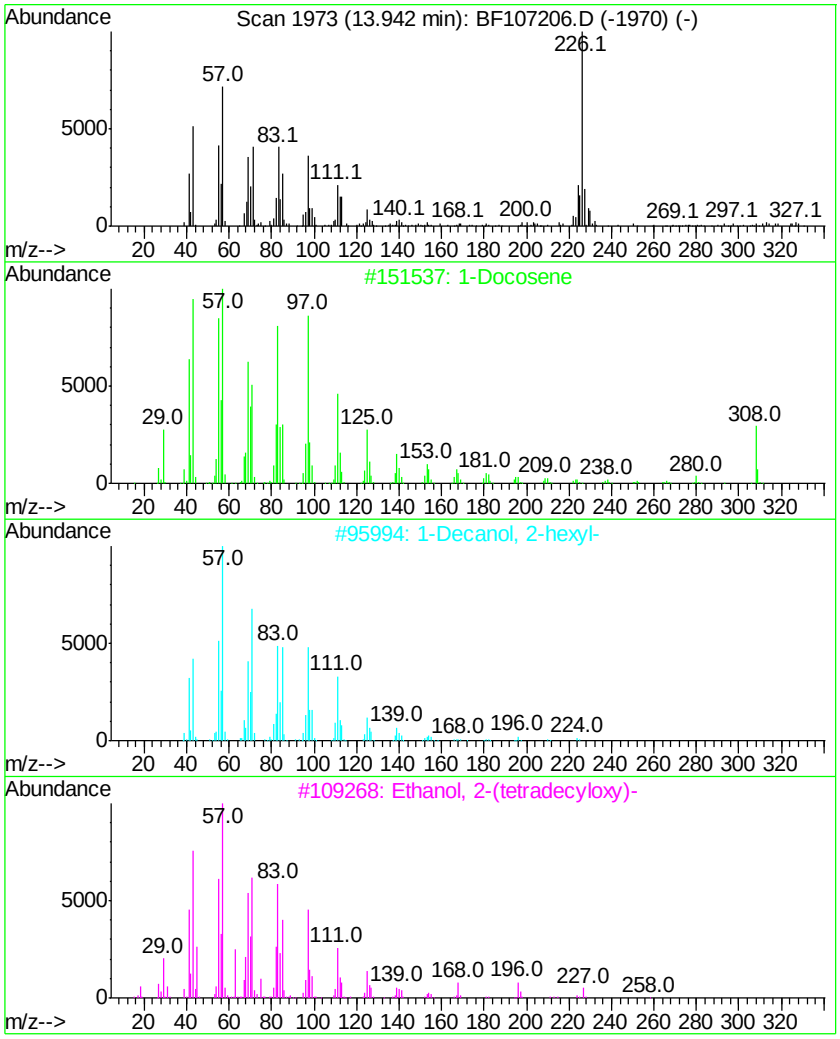
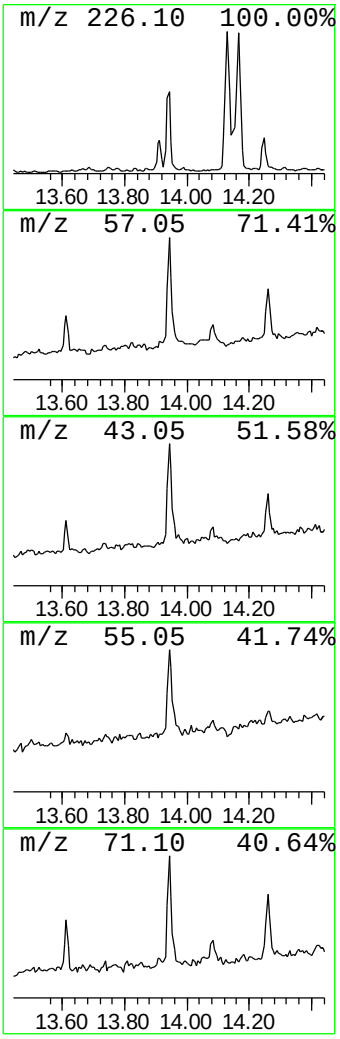
Peak Number 13 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	6.94 ng	247698	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	52
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	50
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	50
4	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	45
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	43





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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
TIC Integration Parameters: LSCINT.P

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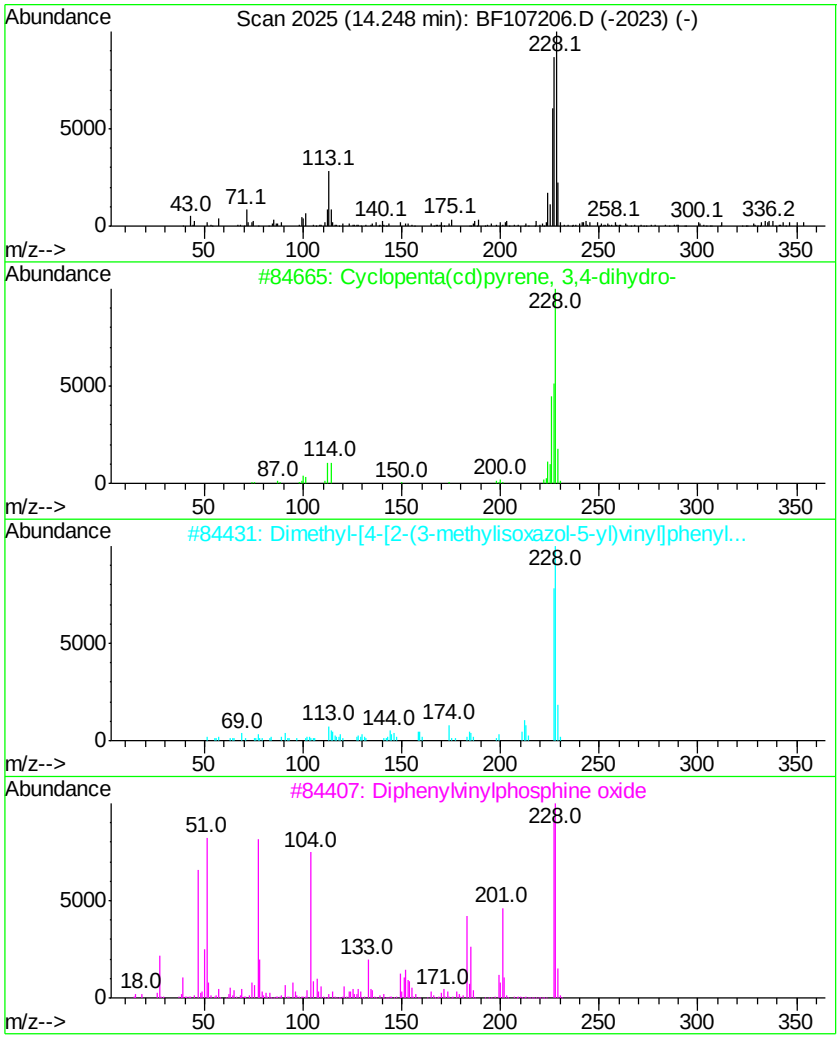
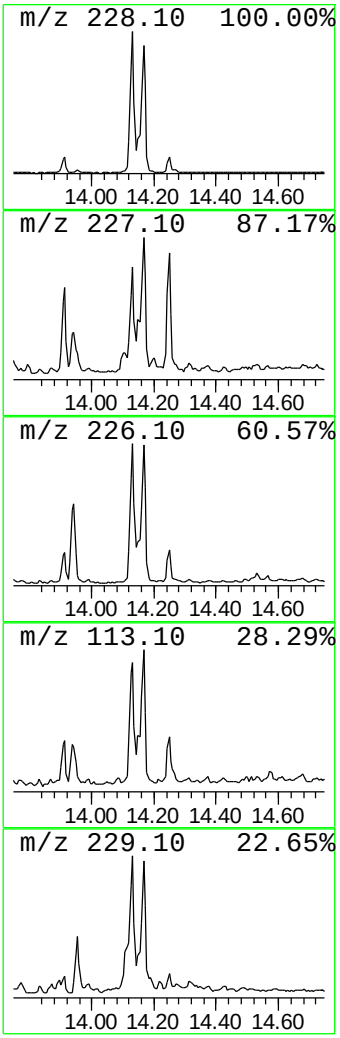
Peak Number 14 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.47 ng	88351	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	50
2	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
3	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	47
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
5	Triphenylene	228	C18H12	000217-59-4	41





Library Search Compound Report

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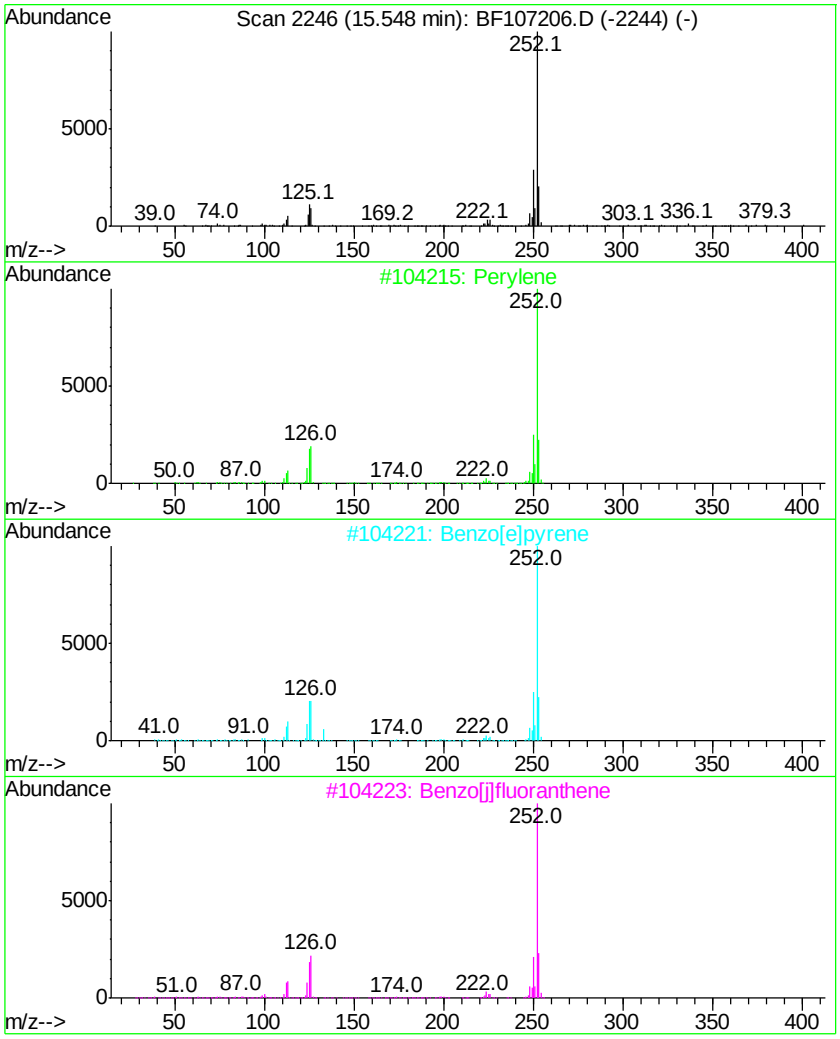
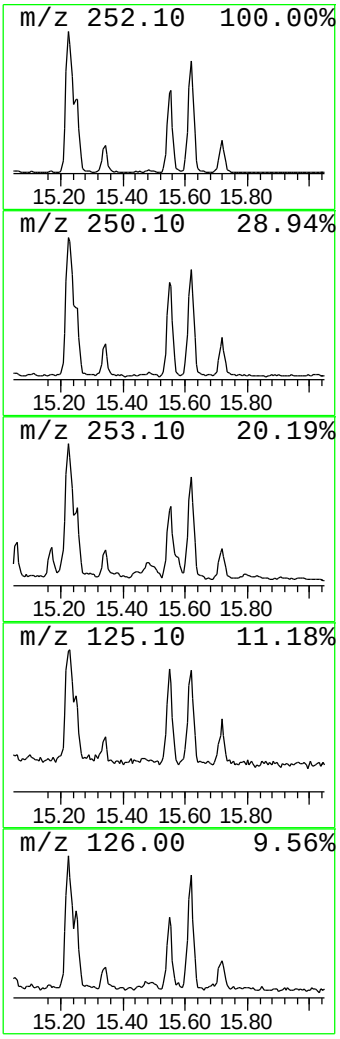
Peak Number 15 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	15.34 ng	140033	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

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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	11.4	ng	171118	1	6.95	300202	20.0
unknown6.73	6.73	75.1	ng	1127790	1	6.95	300202	20.0
unknown11.32	11.32	2.3	ng	39337	4	11.48	347982	20.0
Phenanthrene, 1-m...	11.98	3.2	ng	56350	4	11.48	347982	20.0
1H-Indene, 1-phenyl-	12.01	3.2	ng	56410	4	11.48	347982	20.0
4H-Cyclopenta[def...	12.10	5.8	ng	101397	4	11.48	347982	20.0
1,2,4,8-Tetrameth...	12.28	2.7	ng	46315	4	11.48	347982	20.0
Phenanthrene, 2,5...	12.54	4.8	ng	82866	4	11.48	347982	20.0
Cyclopenta(def)ph...	12.63	3.7	ng	64237	4	11.48	347982	20.0
Pyrene, 1-methyl-	13.15	3.1	ng	111562	5	14.14	713956	20.0
Fluoranthene, 2-m...	13.26	5.6	ng	200610	5	14.14	713956	20.0
1-Docosene	13.94	6.9	ng	247698	5	14.14	713956	20.0
Cyclopenta(cd)pyr...	14.25	2.5	ng	88351	5	14.14	713956	20.0
Perylene	15.55	15.3	ng	140033	6	15.68	182589	20.0