LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106510.D
Acq On : 15 Jun 2018 23:24
Operator : JU/SJ
Sample : J3486-07 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-10

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-BF061118.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	5.190	481	485	493	rBV	87352	86960	3.91%	0.283%
2	5.613	554	557	570	rVB	1068179	1040090	46.81%	3.385%
3	6.607	723	726	735	rBV	1213633	1071167	48.21%	3.486%
4	6.743	745	749	753	rBV	1307753	1039454	46.78%	3.383%
5	6.966	783	787	790	rBV	862142	670545	30.18%	2.182%
6	7.119	810	813	817	rBV	978264	810015	36.46%	2.636%
7	7.525	878	882	885	rBV	750575	616089	27.73%	2.005%
8	7.672	904	907	910	rBV	120316	85448	3.85%	0.278%
9	8.248	1001	1005	1008	rBV	1006706	821363	36.97%	2.673%
10	8.960	1123	1126	1132	rVB	30642	24989	1.12%	0.081%
11	9.319	1183	1187	1196	rVB	1361715	1084523	48.81%	3.529%
12	9.713	1251	1254	1261	rVB	121743	110343	4.97%	0.359%
13	9.866	1277	1280	1285	rBV	68256	59332	2.67%	0.193%
14	9.919	1285	1289	1294	rVV	28392	26707	1.20%	0.087%
15	10.007	1301	1304	1307	rBV	994619	825019	37.13%	2.685%
16	10.036	1307	1309	1313	rVB	99409	83929	3.78%	0.273%
17	10.207	1335	1338	1341	rVB	47464	44723	2.01%	0.146%
18	10.419	1368	1374	1378	rBV2	38146	39924	1.80%	0.130%
19	10.519	1386	1391	1394	rBV3	23601	24451	1.10%	0.080%
20	10.554	1394	1397	1403	rVB	106877	90074	4.05%	0.293%
21	10.713	1422	1424	1427	rVB	28241	22535	1.01%	0.073%
22	10.795	1435	1438	1442	rBV	733348	673786	30.32%	2.193%
23	10.895	1452	1455	1458	rBV	36570	45146	2.03%	0.147%
24	11.101	1484	1490	1493	rBV3	32928	44996	2.03%	0.146%
25	11.301	1521	1524	1528	rVB	63908	51884	2.34%	0.169%
26	11.342	1528	1531	1535	rBV2	44956	55446	2.50%	0.180%
27	11.395	1538	1540	1544	rVB	71291	54551	2.46%	0.178%
28	11.501	1554	1558	1560	rBV	989011	934923	42.08%	3.042%
29	11.525	1560	1562	1565	rVV	1276573	973484	43.81%	3.168%
30	11.572	1567	1570	1573	rVV	345539	305265	13.74%	0.993%
31	11.607	1573	1576	1579	rVV	44400	50851	2.29%	0.165%
32	11.666	1581	1586	1590	rVV7	17307	32950	1.48%	0.107%
33	11.730	1591	1597	1602	rVV2	114361	142778	6.43%	0.465%
34	11.789	1605	1607	1611	rVV2	39993	35380	1.59%	0.115%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3486-07 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-10

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.830	1611	1614	1618	rVV4	37350	39028	1.76%	0.127%
36	12.001	1640	1643	1645	rVV	169141	139632	6.28%	0.454%
37	12.025	1645	1647	1652	rVB	196300	182520	8.21%	0.594%
38	12.077	1653	1656	1659	rVV	96937	79731	3.59%	0.259%
39	12.113	1659	1662	1665	rBV2	282129	325838	14.66%	1.060%
40	12.136	1665	1666	1669	rVB	117233	61558	2.77%	0.200%
41	12.189	1671	1675	1679	rBV5	52976	81813	3.68%	0.266%
42	12.295	1690	1693	1695	rBV	142512	115555	5.20%	0.376%
43	12.319	1695	1697	1702	rVB	119282	102361	4.61%	0.333%
44	12.442	1716	1718	1721	rBV2	44705	32590	1.47%	0.106%
45	12.477	1721	1724	1725	rBV	36547	29495	1.33%	0.096%
46	12.501	1725	1728	1730	rVB	33833	32906	1.48%	0.107%
47	12.548	1733	1736	1740	rBV	92227	120008	5.40%	0.391%
48	12.589	1740	1743	1748	rVV2	117241	141064	6.35%	0.459%
49	12.636	1748	1751	1756	rVV	105411	117447	5.29%	0.382%
50	12.719	1761	1765	1768	rBV	2179831	2030310	91.38%	6.607%
51	12.754	1769	1771	1773	rBV	29863	24405	1.10%	0.079%
52	12.777	1773	1775	1778	rVB	53666	41378	1.86%	0.135%
53	12.807	1778	1780	1783	rVB2	42331	35664	1.61%	0.116%
54	12.842	1783	1786	1788	rBV4	34906	53785	2.42%	0.175%
55	12.872	1788	1791	1793	rVV	74156	66637	3.00%	0.217%
56	12.948	1797	1804	1809	rBV2	1846175	2221899	100.00%	7.231%
57	12.995	1809	1812	1817	rVB2	98925	108306	4.87%	0.352%
58	13.083	1820	1827	1829	rBV	1407979	1308462	58.89%	4.258%
59	13.101	1829	1830	1834	rVB	134388	106217	4.78%	0.346%
60	13.166	1836	1841	1844	rBV4	140926	236932	10.66%	0.771%
61	13.195	1844	1846	1848	rBV	37923	28444	1.28%	0.093%
62	13.248	1851	1855	1856	rVV2	109744	116305	5.23%	0.378%
63	13.272	1856	1859	1862	rVB	316709	318447	14.33%	1.036%
64	13.342	1867	1871	1873	rBV	227530	212918	9.58%	0.693%
65	13.377	1873	1877	1879	rBV2	199559	211062	9.50%	0.687%
66	13.401	1879	1881	1884	rVB	132502	117450	5.29%	0.382%
67	13.430	1884	1886	1889	rBV2	35277	29735	1.34%	0.097%
68	13.472	1891	1893	1895	rVB	105635	72034	3.24%	0.234%
69	13.501	1895	1898	1903	rBV2	119930	189217	8.52%	0.616%
70	13.724	1934	1936	1939	rBV3	36297	41826	1.88%	0.136%
71	13.783	1943	1946	1950	rVB	170990	188434	8.48%	0.613%

LSC Area Percent Report

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Sample : J3486-07 2X
Misc :
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Instrument : BNA_F
ClientSampleId : DOCUMENTATION-10

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.895	1961	1965	1968	rBV2	193703	247978	11.16%	0.807%
73	13.924	1968	1970	1972	rVV	202155	161737	7.28%	0.526%
74	13.948	1972	1974	1975	rVV	189583	158566	7.14%	0.516%
75	13.989	1979	1981	1985	rVB	173421	163386	7.35%	0.532%
76	14.066	1992	1994	1998	rBV	51424	52459	2.36%	0.171%
77	14.113	1999	2002	2003	rBV2	84621	80432	3.62%	0.262%
78	14.148	2003	2008	2011	rVV2	1382059	2087319	93.94%	6.793%
79	14.177	2011	2013	2020	rVB	1003610	896639	40.35%	2.918%
80	14.260	2024	2027	2029	rBV	204008	168545	7.59%	0.548%
81	14.377	2043	2047	2050	rVB2	92521	128038	5.76%	0.417%
82	14.542	2072	2075	2078	rVB	162227	155537	7.00%	0.506%
83	14.577	2079	2081	2084	rVB	68439	49641	2.23%	0.162%
84	14.671	2095	2097	2099	rVV	82877	68265	3.07%	0.222%
85	14.695	2099	2101	2105	rVB2	108354	94990	4.28%	0.309%
86	15.230	2188	2192	2196	rBV	709837	1239346	55.78%	4.033%
87	15.348	2209	2212	2215	rVB	130384	133683	6.02%	0.435%
88	15.554	2243	2247	2254	rVB	433218	580660	26.13%	1.890%
89	15.624	2254	2259	2264	rBV	622942	827929	37.26%	2.694%
90	15.689	2265	2270	2273	rVV	475937	702731	31.63%	2.287%
91	15.718	2273	2275	2282	rVB	200532	256404	11.54%	0.834%
92	17.254	2531	2536	2543	rVB2	269906	553983	24.93%	1.803%
93	17.730	2612	2617	2628	rVB	222773	480631	21.63%	1.564%

Sum of corrected areas: 30729432

LSC Report - Integrated Chromatogram

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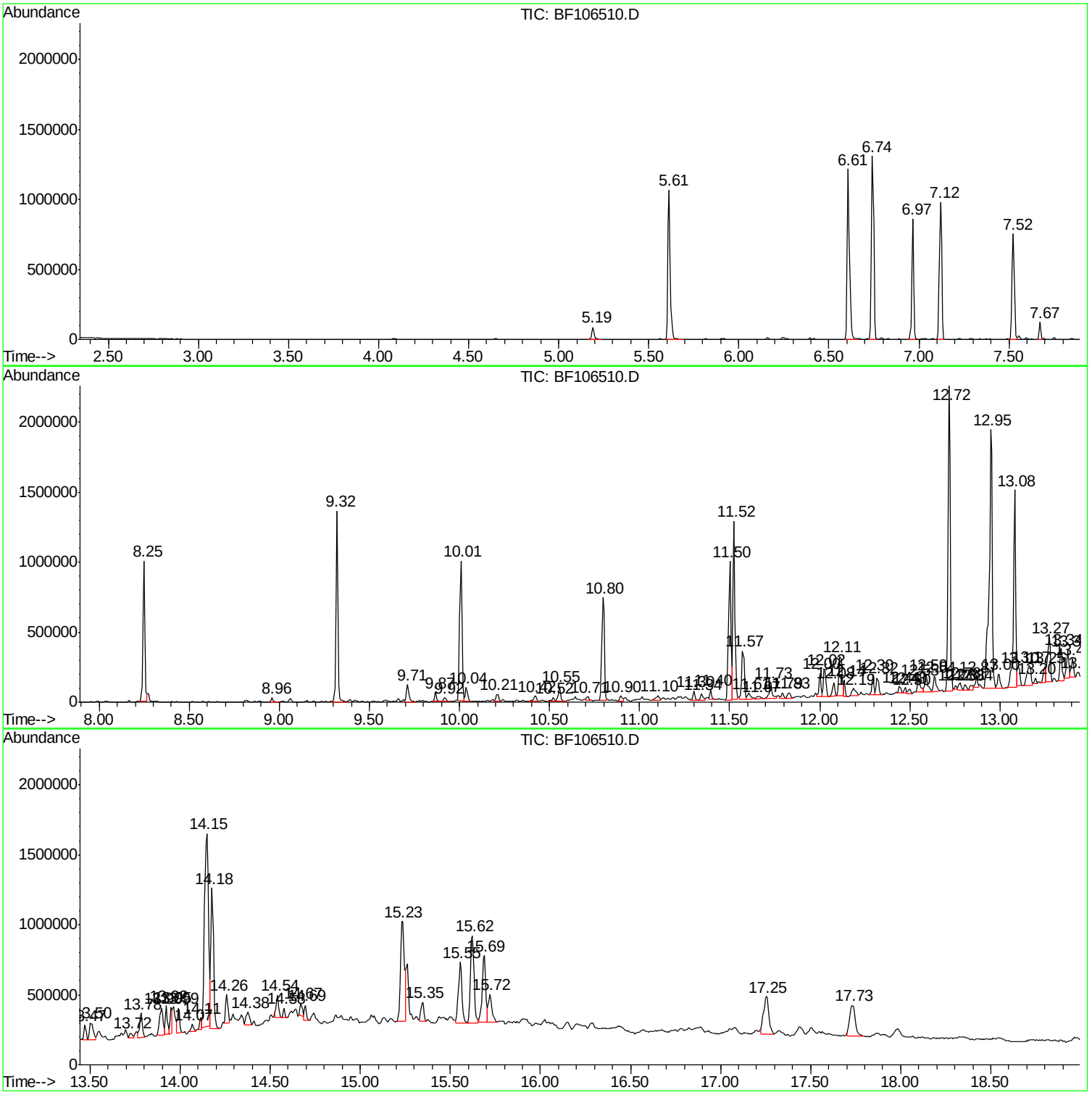
Acq On : 15 Jun 2018 23:24
Operator : JU/SJ
Sample : J3486-07 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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\BF061518\
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Instrument : BNA_F
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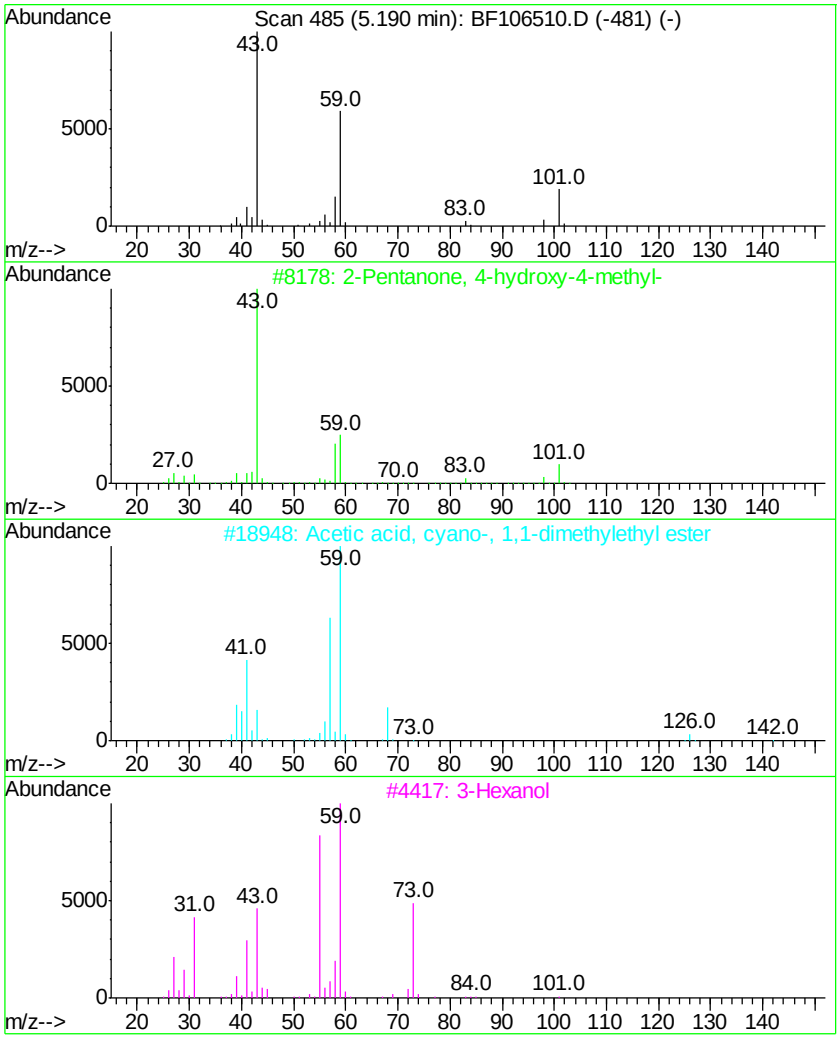
TIC Integration Parameters: LSCINT.P

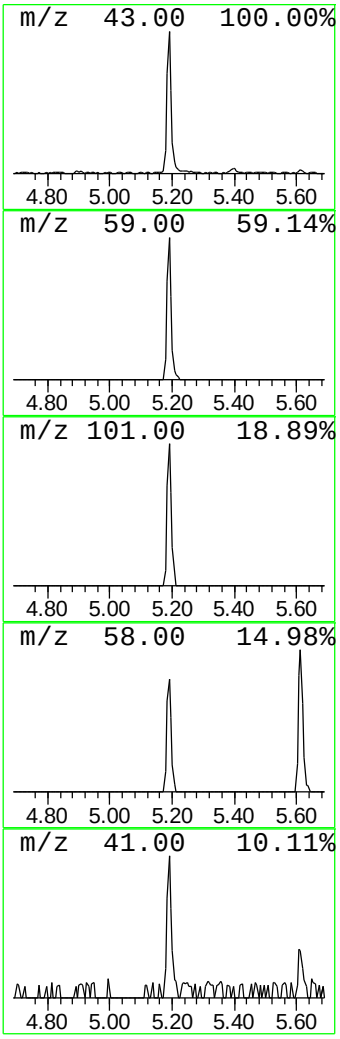
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	2.59 ng	86960	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

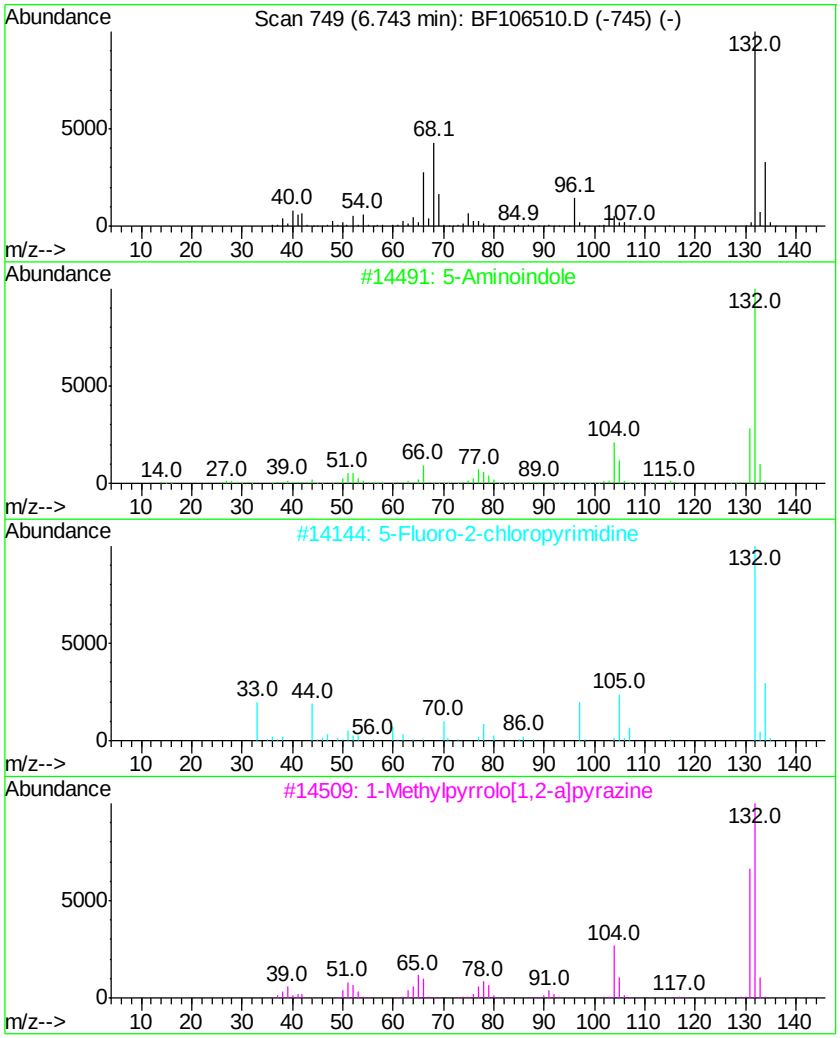
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

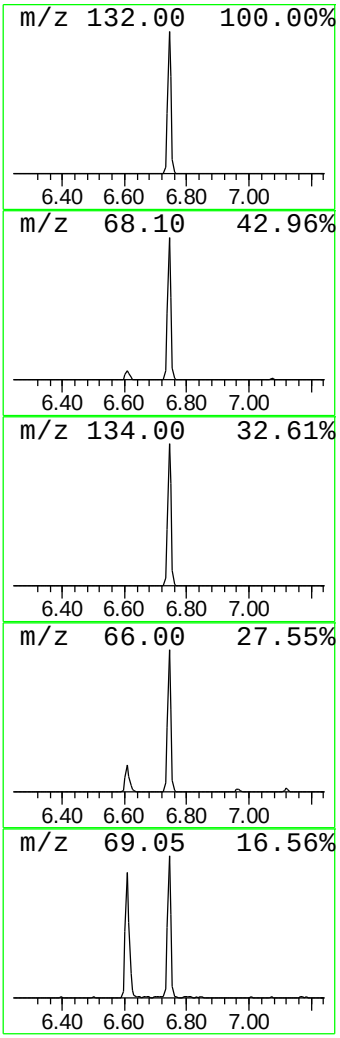
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	31.00 ng	1039450	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
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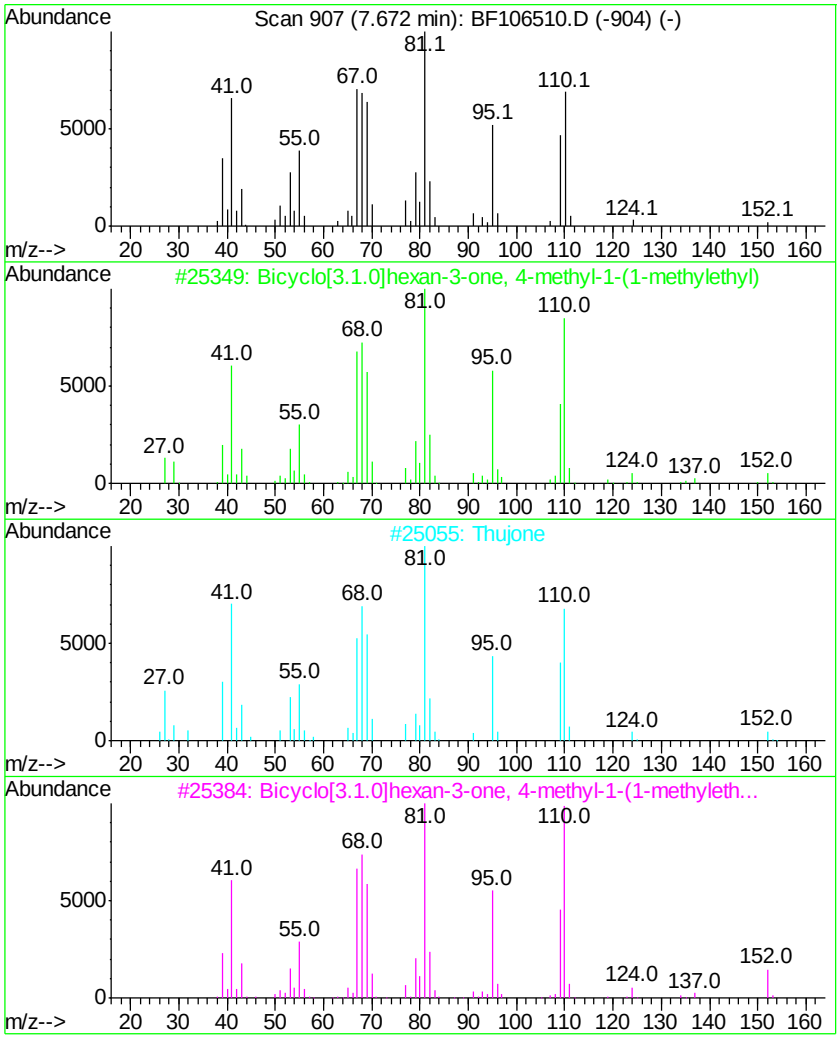
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

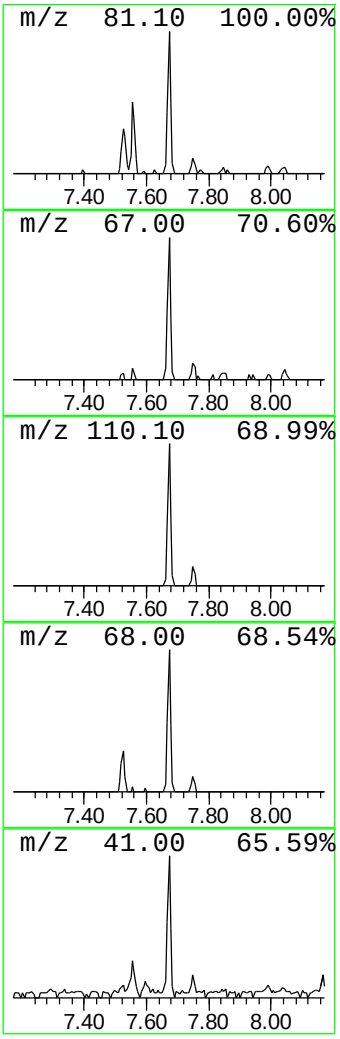
****

Peak Number 4 Bicyclo[3.1.0]hexan-3-one, ... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	2.08 ng	85448	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	94
2	Thujone	152	C10H16O	000546-80-5	90
3	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	000471-15-8	90
4	3,5-Octadiene, (Z,Z)-	110	C8H14	007348-80-3	74
5	2-Methyl-2,3-divinyloxirane	110	C7H10O	070597-50-1	58





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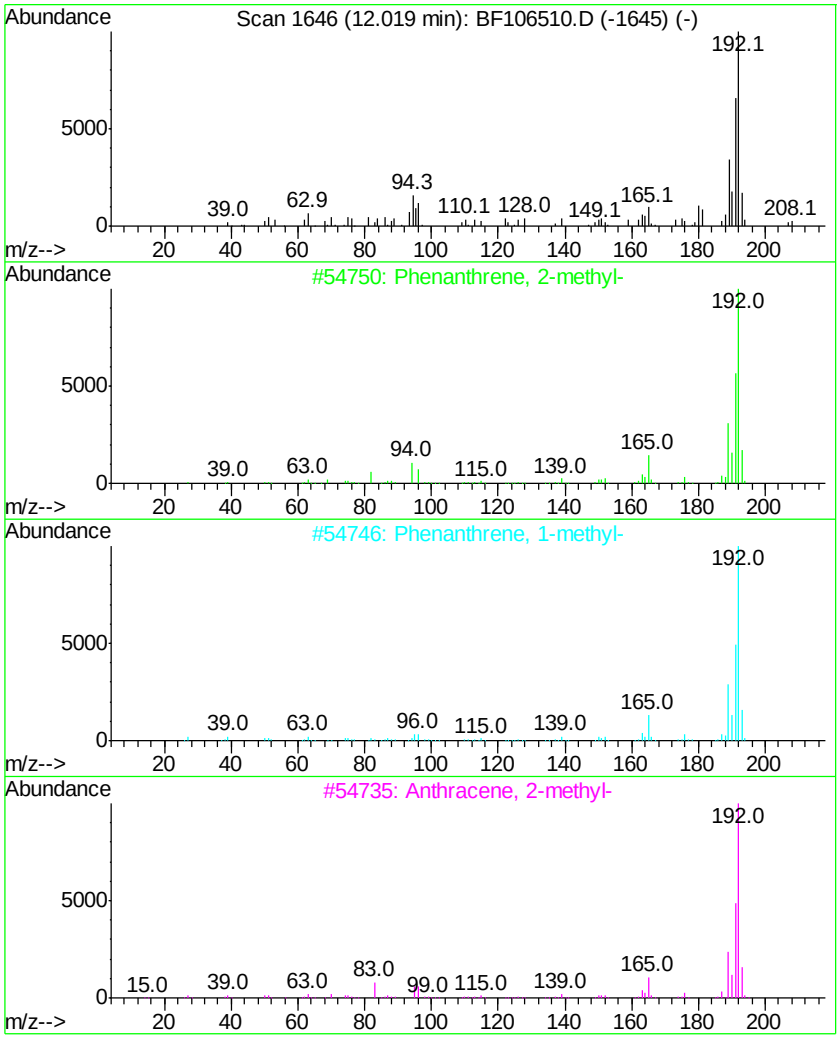
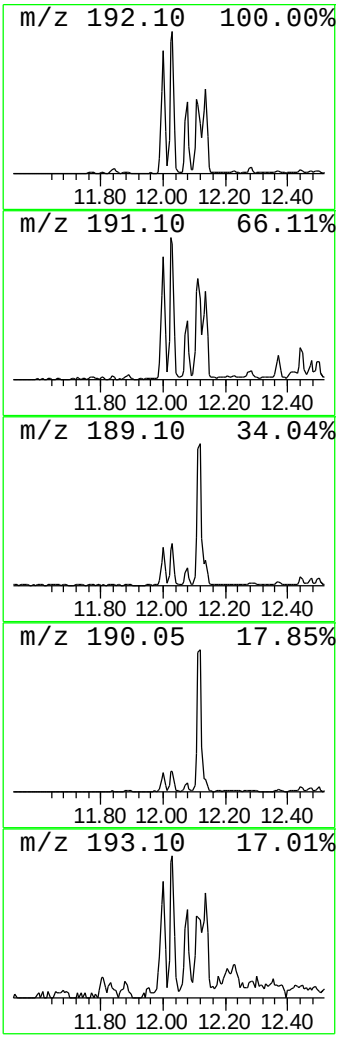
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.90 ng	182520	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : DOCUMENTATION-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

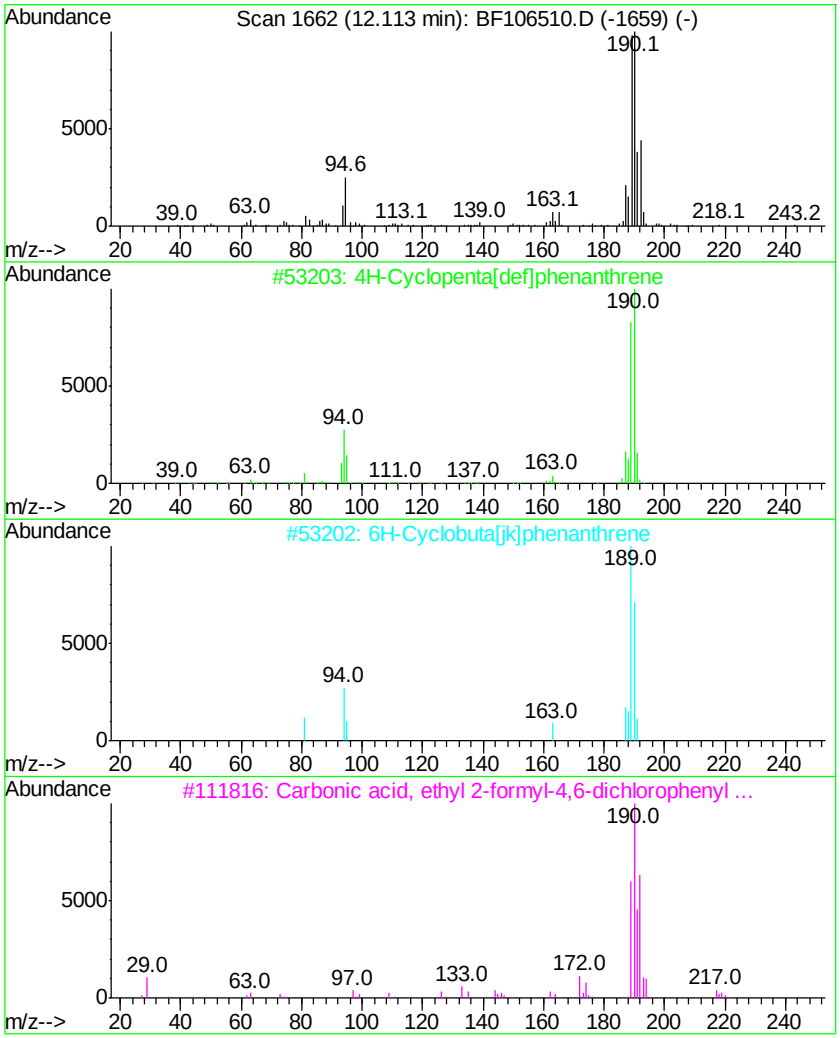
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

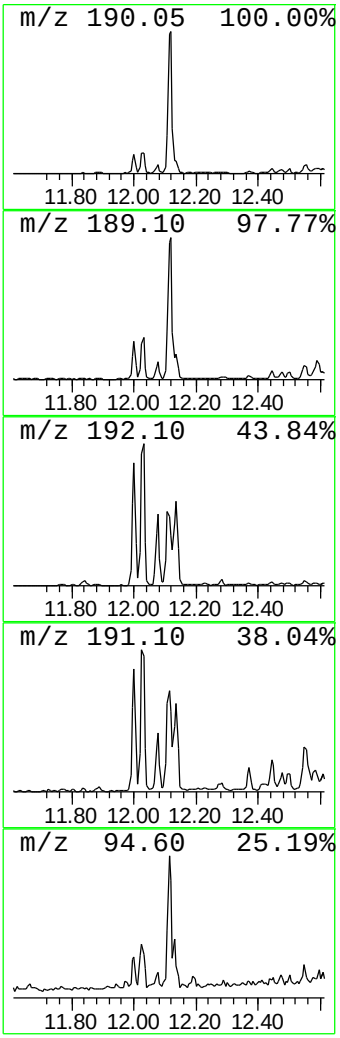
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	6.97 ng	325838	Phenanthrene-d10	11.50

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	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Sample : J3486-07 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

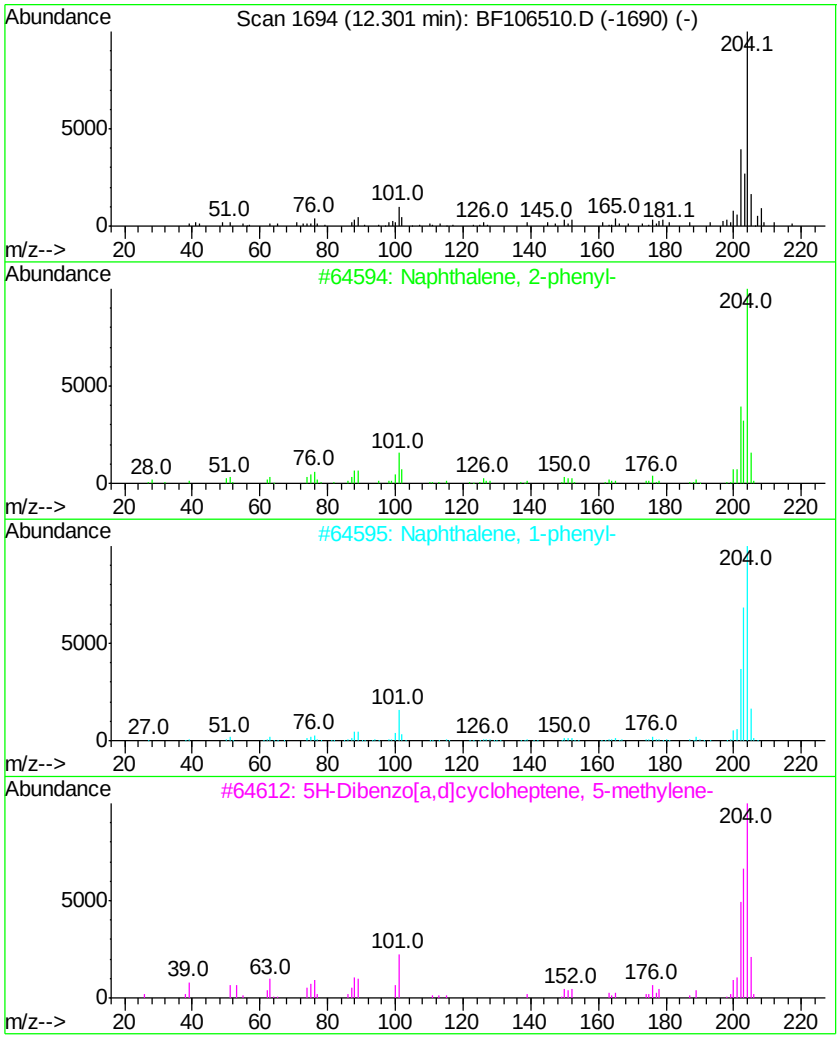
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

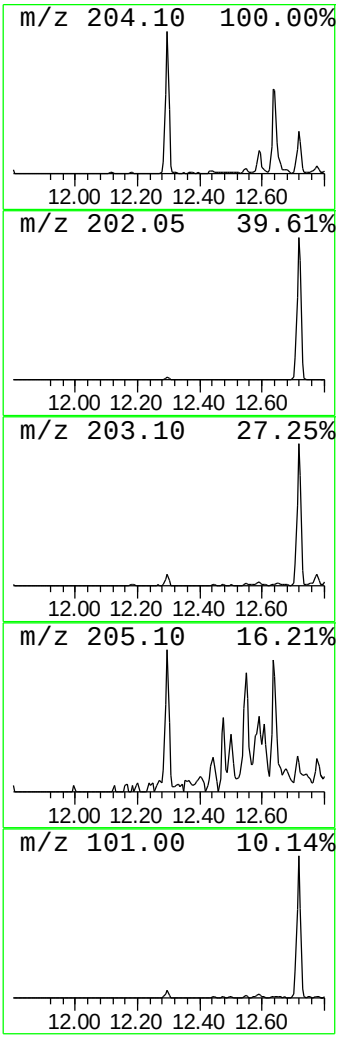
****

Peak Number 8 Naphthalene, 1-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.47 ng	115555	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	49
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47





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Acq On : 15 Jun 2018 23:24
Operator : JU/SJ
Sample : J3486-07 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

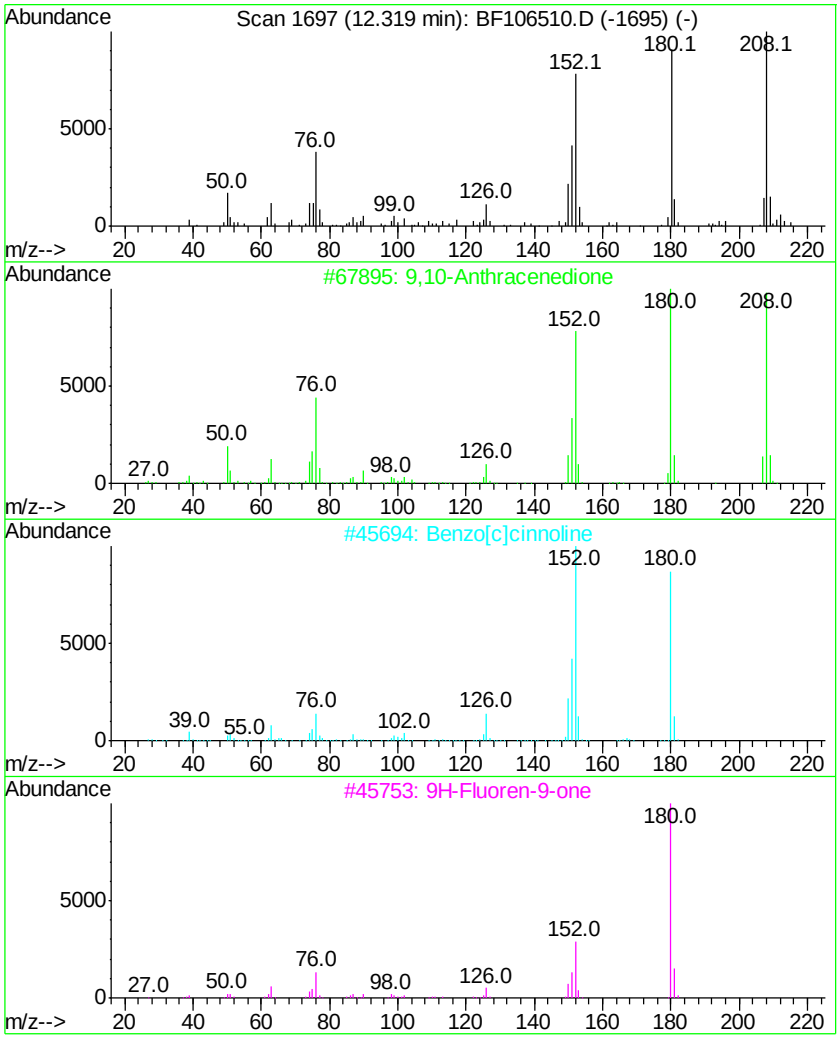
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

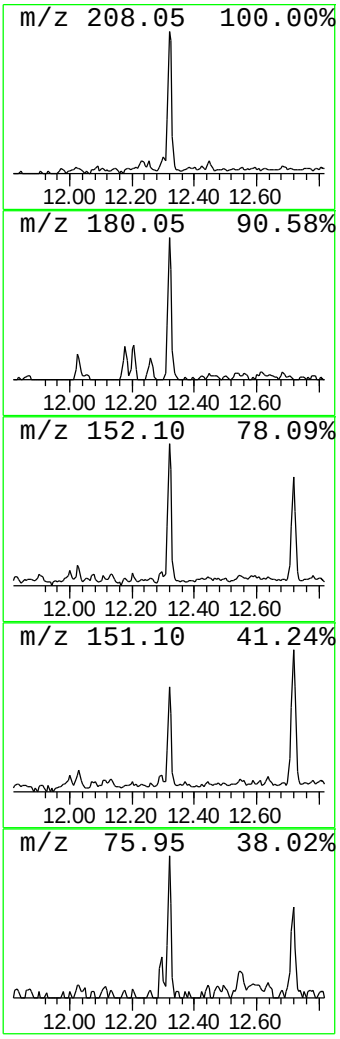
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.19 ng	102361	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	47





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Acq On : 15 Jun 2018 23:24
Operator : JU/SJ
Sample : J3486-07 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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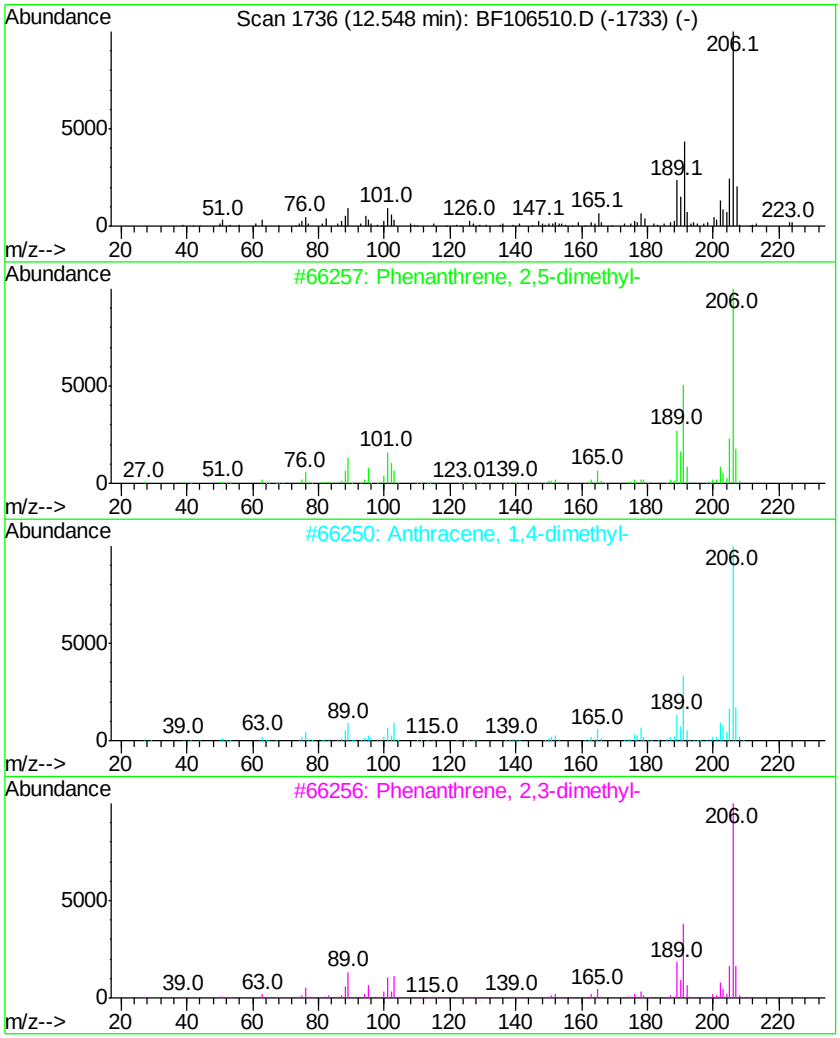
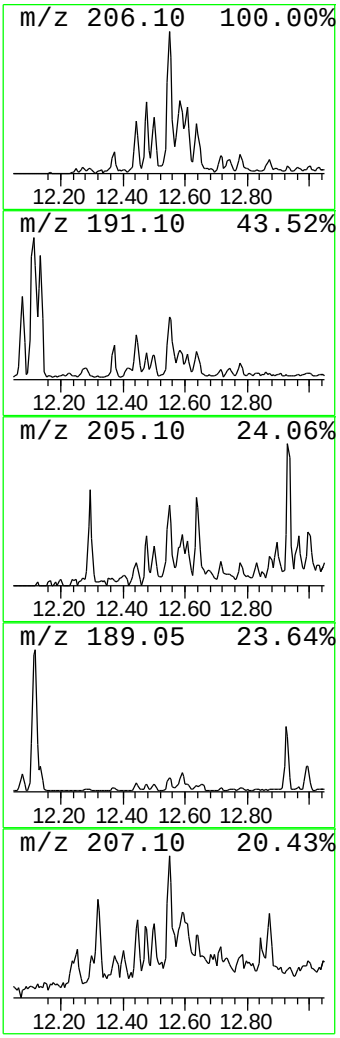
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.57 ng	120008	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





Library Search Compound Report

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Data File : BF106510.D
Acq On : 15 Jun 2018 23:24
Operator : JU/SJ
Sample : J3486-07 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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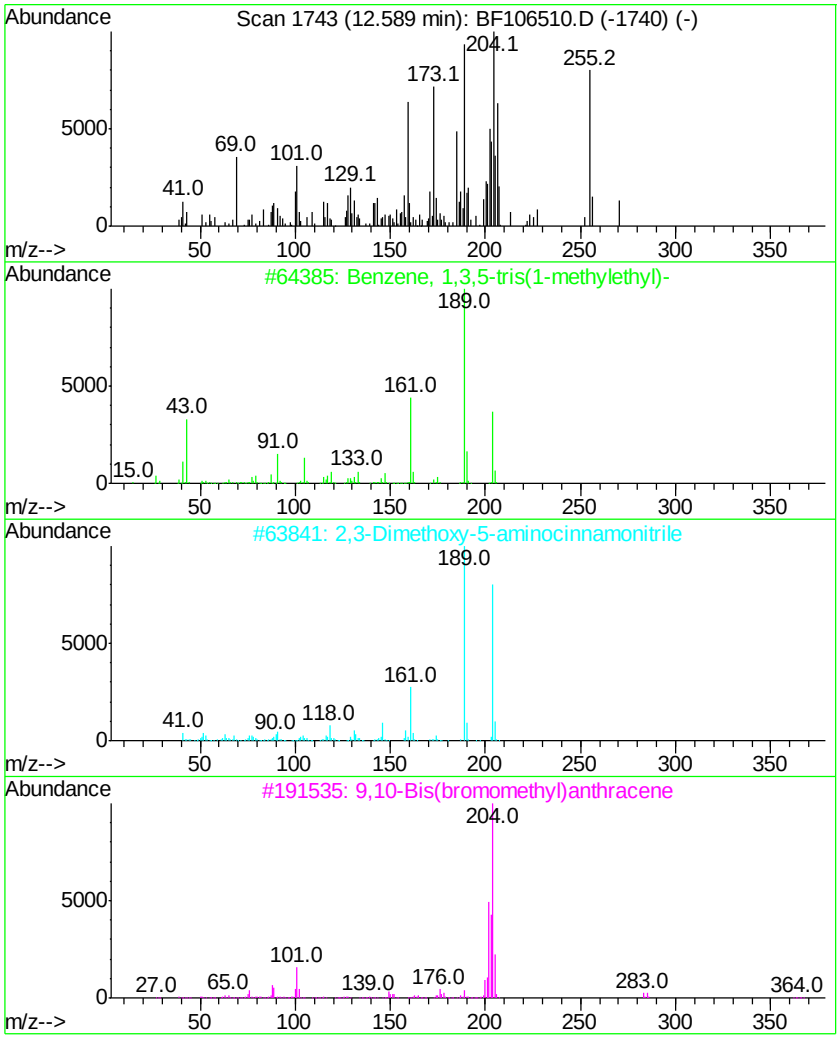
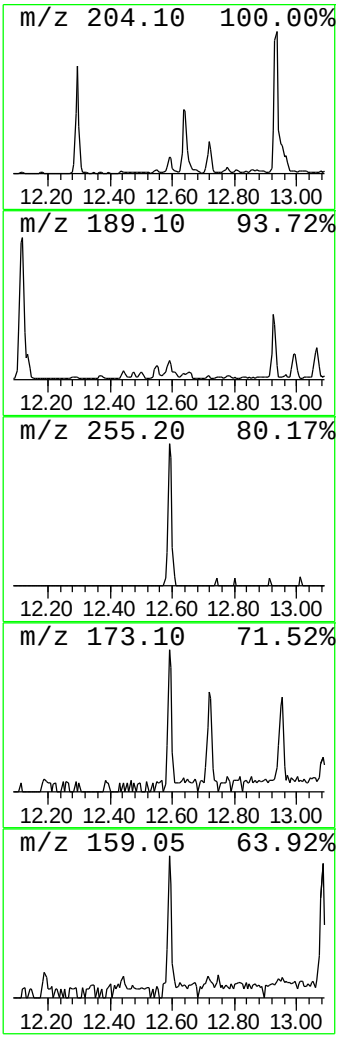
Peak Number 11 unknown12.59 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	3.02 ng	141064	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-tris(1-methylethyl)-	204	C15H24	000717-74-8	14
2	2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	14
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	14
4	8-Amino-2-hydroxymethyl-6-methox...	204	C11H12N2O2	1000214-27-5	11
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	11





Library Search Compound Report

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Data File : BF106510.D
Acq On : 15 Jun 2018 23:24
Operator : JU/SJ
Sample : J3486-07 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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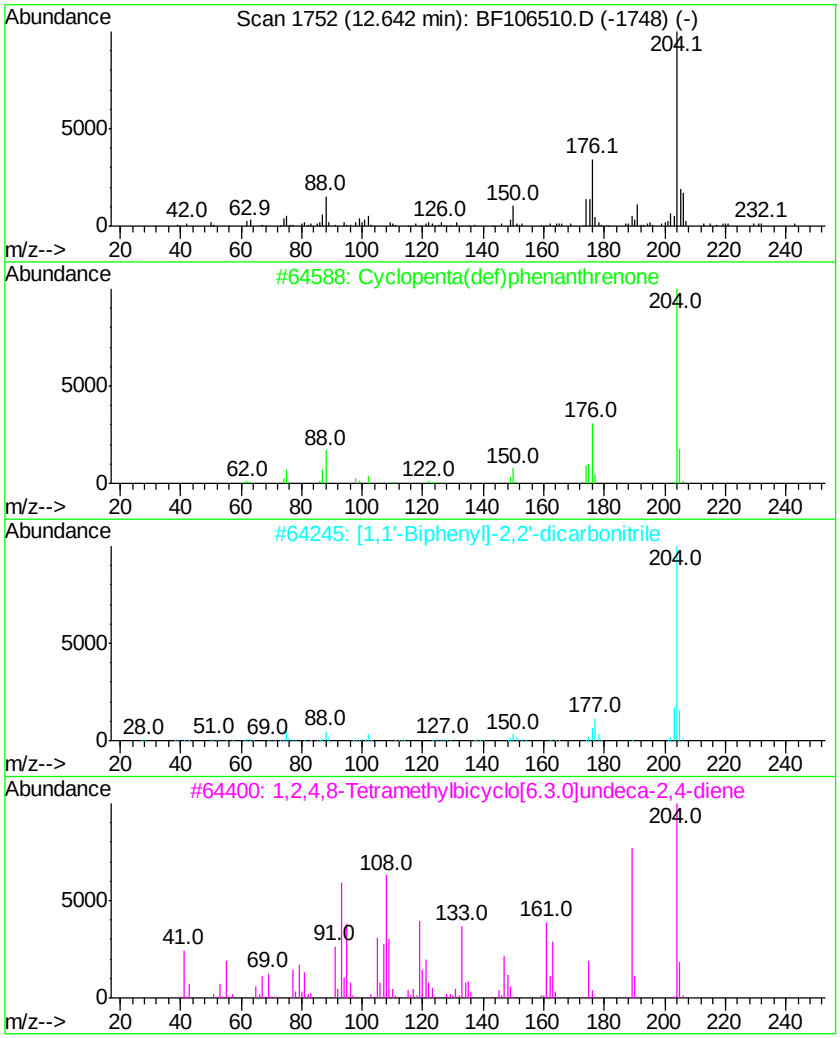
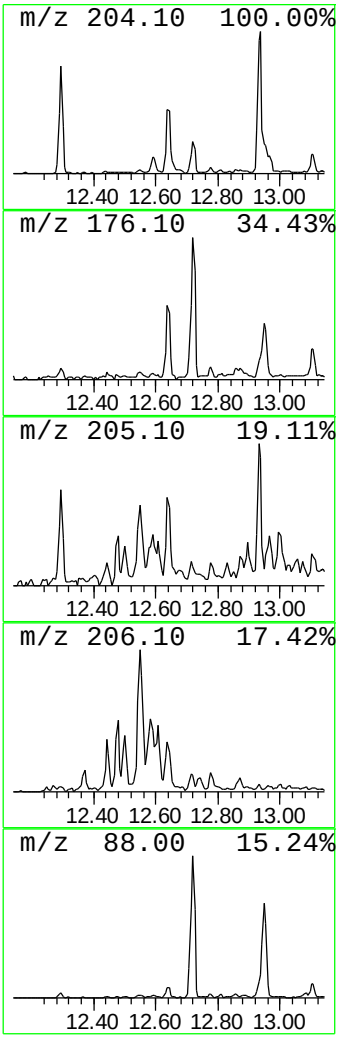
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.51 ng	117447	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	40
5	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	38





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Data File : BF106510.D
Acq On : 15 Jun 2018 23:24
Operator : JU/SJ
Sample : J3486-07 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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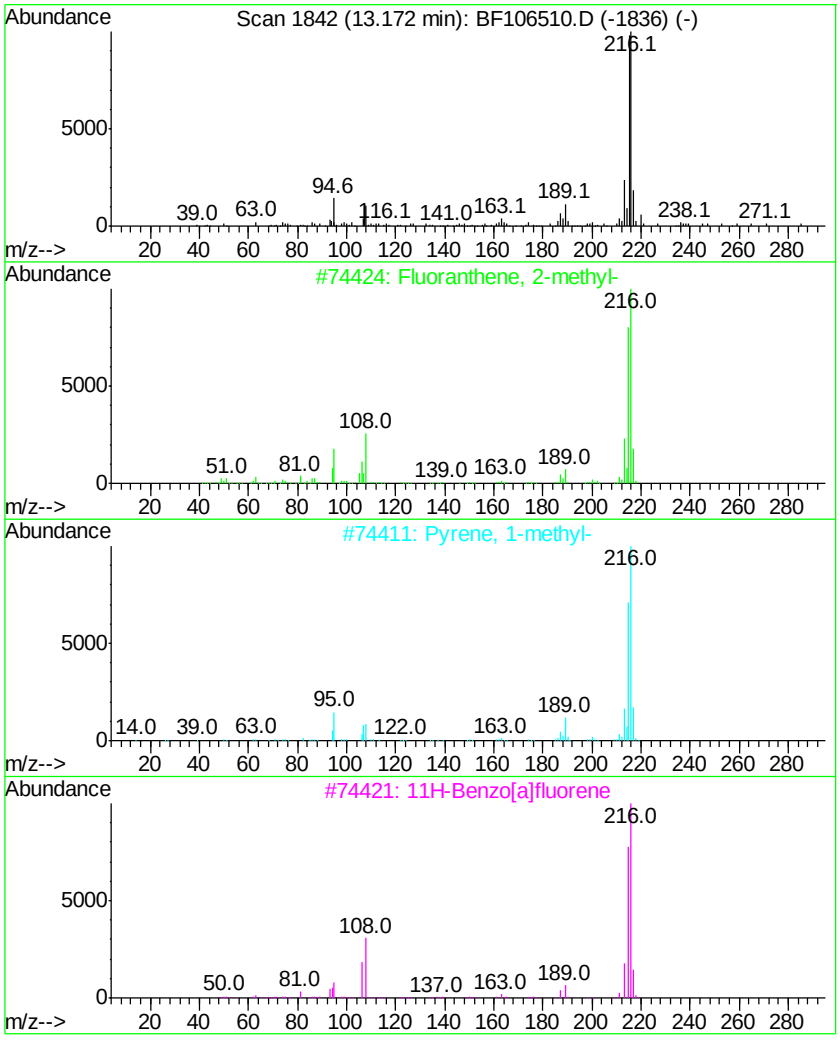
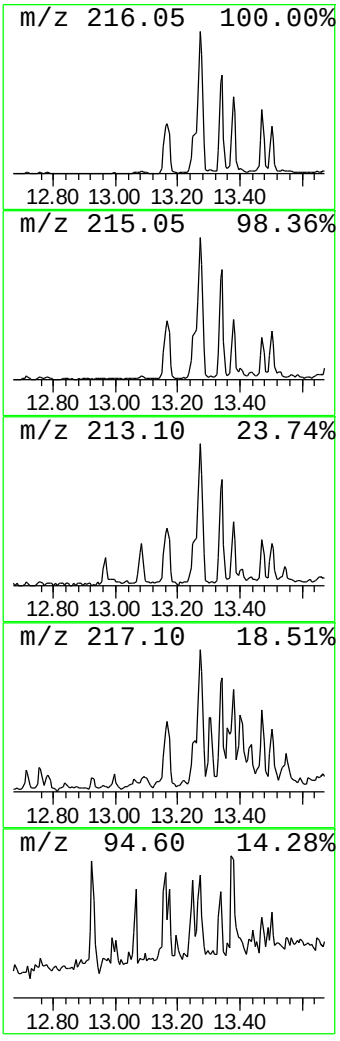
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.27 ng	236932	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106510.D
Acq On : 15 Jun 2018 23:24
Operator : JU/SJ
Sample : J3486-07 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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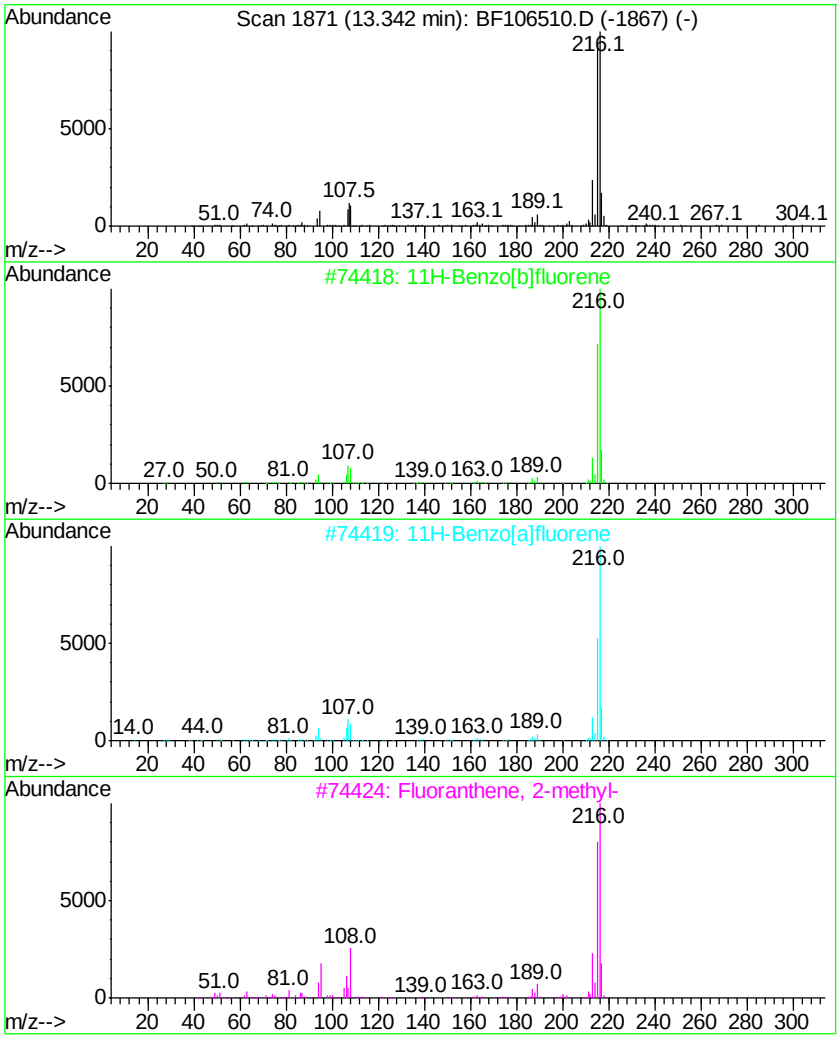
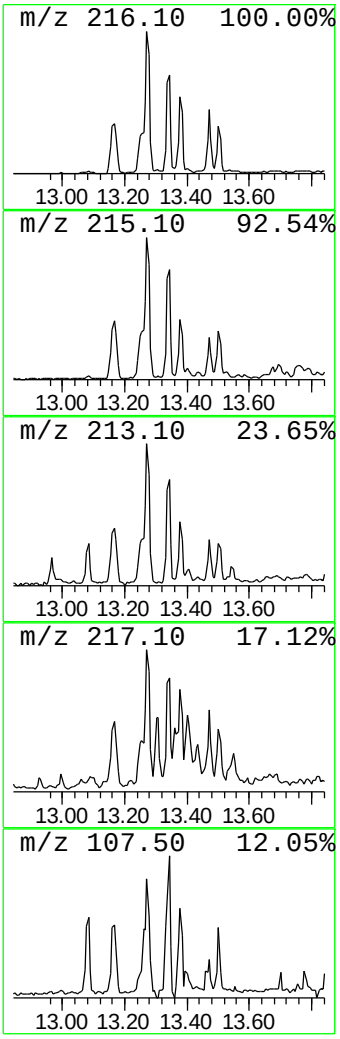
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	2.04 ng	212918	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59





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Acq On : 15 Jun 2018 23:24
Operator : JU/SJ
Sample : J3486-07 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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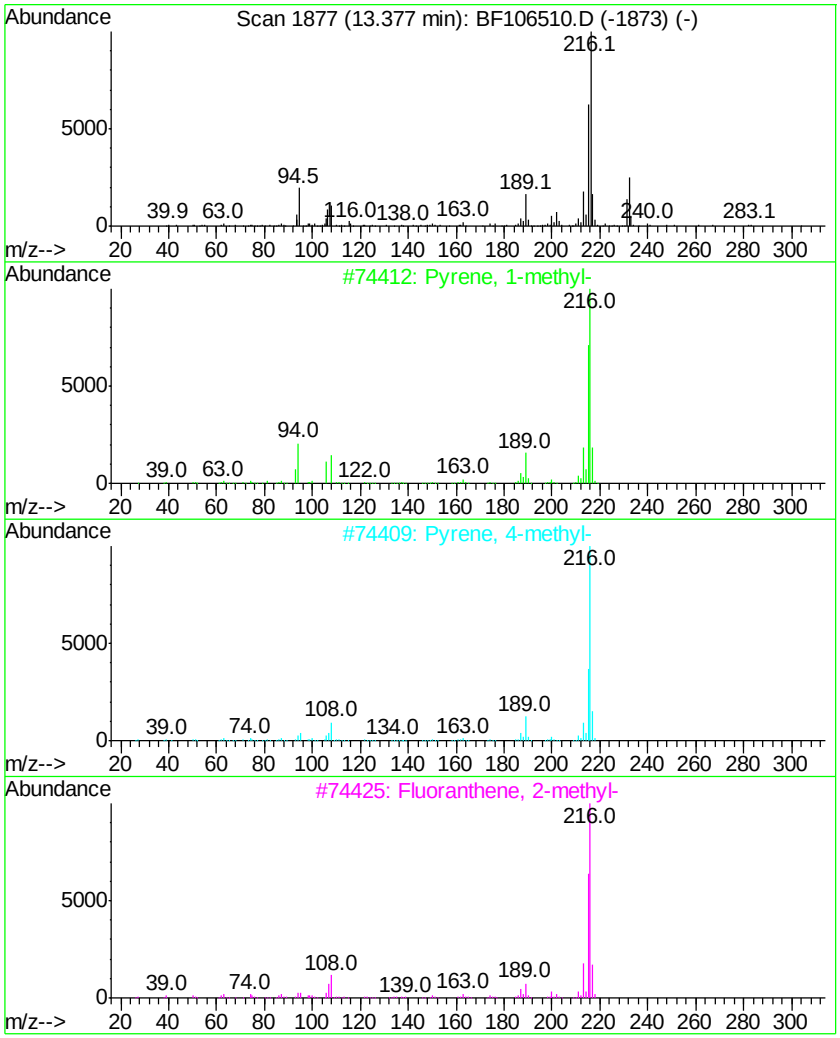
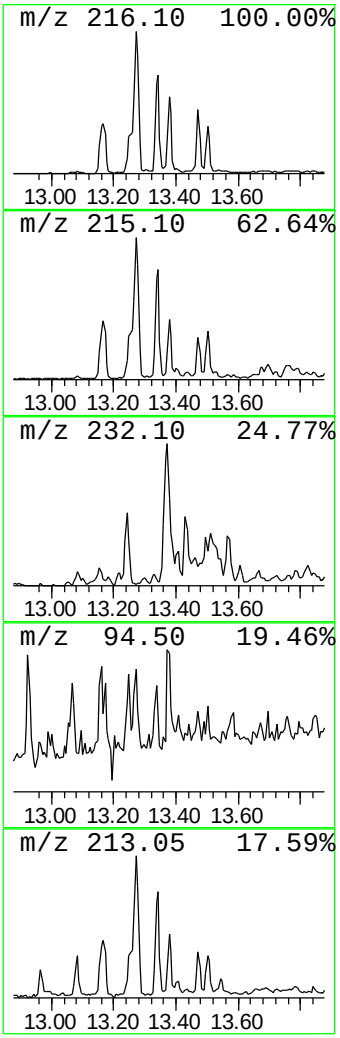
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.02 ng	211062	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70





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Acq On : 15 Jun 2018 23:24
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Sample : J3486-07 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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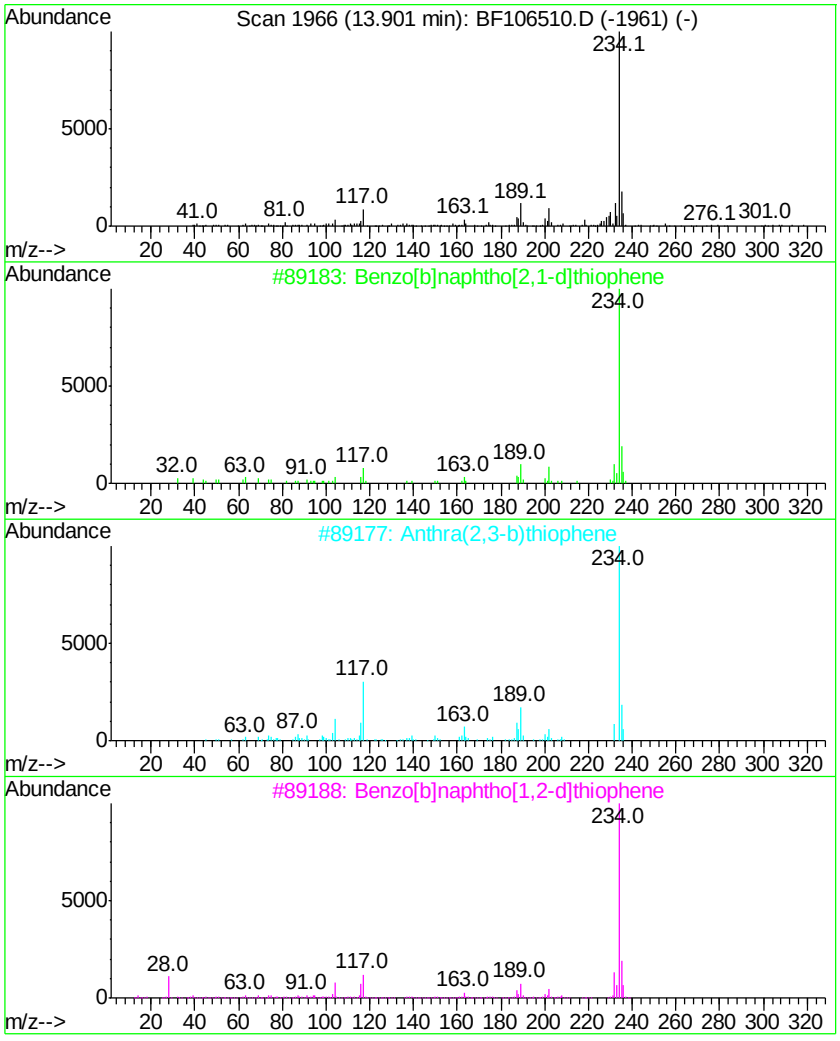
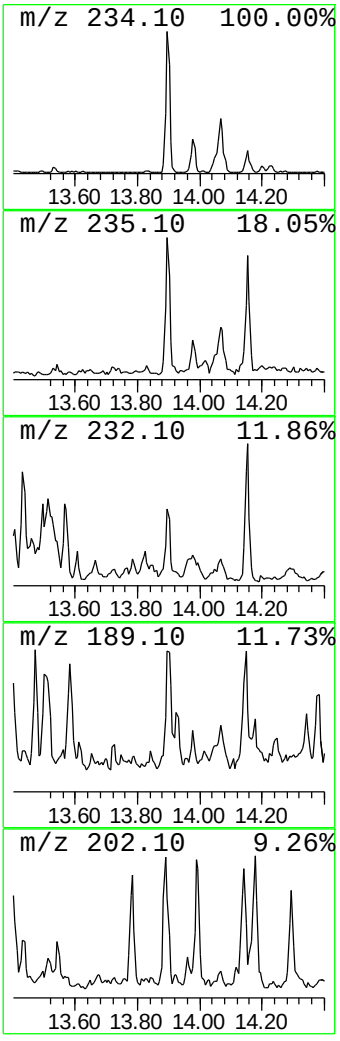
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.38 ng	247978	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	91
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
5	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
Data File : BF106510.D
Acq On : 15 Jun 2018 23:24
Operator : JU/SJ
Sample : J3486-07 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.19	2.6	ng	86960	1	6.97	670545	20.0
unknown6.74	6.74	31.0	ng	1039450	1	6.97	670545	20.0
Bicyclo[3.1.0]hex...	7.67	2.1	ng	85448	2	8.25	821363	20.0
Phenanthrene, 2-m...	12.02	3.9	ng	182520	4	11.50	934923	20.0
4H-Cyclopenta[def...	12.11	7.0	ng	325838	4	11.50	934923	20.0
Naphthalene, 1-ph...	12.30	2.5	ng	115555	4	11.50	934923	20.0
9,10-Anthracenedione	12.32	2.2	ng	102361	4	11.50	934923	20.0
Phenanthrene, 2,5...	12.55	2.6	ng	120008	4	11.50	934923	20.0
unknown12.59	12.59	3.0	ng	141064	4	11.50	934923	20.0
Cyclopenta(def)ph...	12.64	2.5	ng	117447	4	11.50	934923	20.0
Fluoranthene, 2-m...	13.17	2.3	ng	236932	5	14.15	2087320	20.0
11H-Benzo[b]fluorene	13.34	2.0	ng	212918	5	14.15	2087320	20.0
Pyrene, 1-methyl-	13.38	2.0	ng	211062	5	14.15	2087320	20.0
Benzo[b]naphtho[2...	13.90	2.4	ng	247978	5	14.15	2087320	20.0