LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107091.D
Acq On : 3 Jul 2018 19:24
Operator : JU/SJ
Sample : J3243-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-062918

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	5.178	480	483	498	rBB	52917	59945	2.91%	0.367%
2	5.595	551	554	567	rBV	553976	544837	26.41%	3.339%
3	6.601	721	725	741	rBV	550669	555843	26.95%	3.407%
4	6.731	744	747	752	rBV	634961	547349	26.53%	3.355%
5	6.954	782	785	789	rBV	378830	300244	14.56%	1.840%
6	7.113	808	812	815	rBV	476696	440855	21.37%	2.702%
7	7.519	877	881	891	rBV	318464	297861	14.44%	1.826%
8	8.242	1000	1004	1015	rVB	320773	343685	16.66%	2.106%
9	9.054	1139	1142	1147	rBV	33677	30946	1.50%	0.190%
10	9.307	1182	1185	1194	rVB	606881	549039	26.62%	3.365%
11	9.578	1226	1231	1236	rBV4	21766	36096	1.75%	0.221%
12	9.654	1241	1244	1246	rVV	35226	37181	1.80%	0.228%
13	9.701	1250	1252	1260	rVV	53547	69937	3.39%	0.429%
14	9.772	1262	1264	1271	rVV	23713	30168	1.46%	0.185%
15	9.860	1273	1279	1282	rVV2	29894	32393	1.57%	0.199%
16	9.901	1283	1286	1291	rVB2	30800	29275	1.42%	0.179%
17	10.001	1299	1303	1307	rBV	349082	325795	15.79%	1.997%
18	10.195	1333	1336	1339	rBV	20903	21341	1.03%	0.131%
19	10.236	1339	1343	1346	rVB3	23428	23322	1.13%	0.143%
20	10.313	1352	1356	1359	rBV	26767	31585	1.53%	0.194%
21	10.401	1365	1371	1374	rBV	59877	61161	2.96%	0.375%
22	10.554	1392	1397	1400	rVB3	16299	24944	1.21%	0.153%
23	10.619	1403	1408	1412	rBV5	25076	37311	1.81%	0.229%
24	10.795	1434	1438	1444	rBV	371726	341188	16.54%	2.091%
25	10.877	1449	1452	1456	rBV	57780	59849	2.90%	0.367%
26	11.101	1485	1490	1492	rVB3	17537	21613	1.05%	0.132%
27	11.324	1526	1528	1531	rBV	50575	35573	1.72%	0.218%
28	11.495	1553	1557	1559	rBV	463509	390248	18.92%	2.392%
29	11.519	1559	1561	1564	rVV	194422	150769	7.31%	0.924%
30	11.572	1567	1570	1573	rBV	54353	48229	2.34%	0.296%
31	11.754	1599	1601	1604	rVB	48849	37060	1.80%	0.227%
32	11.860	1615	1619	1622	rVB	904695	726249	35.21%	4.451%
33	11.995	1638	1642	1644	rBV	93286	80118	3.88%	0.491%
34	12.024	1644	1647	1650	rVB	112175	95943	4.65%	0.588%

LSC Area Percent Report

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Sample : J3243-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-062918

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

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Peak separation: 5

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

35	12.071	1652	1655	1658	rBV	42621	35267	1.71%	0.216%
36	12.107	1658	1661	1664	rBV2	119112	144122	6.99%	0.883%
37	12.130	1664	1665	1668	rVB	83647	51842	2.51%	0.318%
38	12.160	1668	1670	1673	rBV	38522	29282	1.42%	0.179%
39	12.289	1689	1692	1695	rBV2	41070	38082	1.85%	0.233%
40	12.324	1695	1698	1702	rVB5	25634	29996	1.45%	0.184%
41	12.436	1712	1717	1721	rBV4	32143	46212	2.24%	0.283%
42	12.471	1721	1723	1725	rVV	34464	22959	1.11%	0.141%
43	12.495	1725	1727	1732	rVB2	27417	24276	1.18%	0.149%
44	12.554	1732	1737	1738	rBV2	1944103	2062795	100.00%	12.643%
45	12.571	1738	1740	1748	rVV2	1789694	1831610	88.79%	11.226%
46	12.654	1748	1754	1760	rVB	472223	480179	23.28%	2.943%
47	12.713	1760	1764	1768	rBV	484317	476419	23.10%	2.920%
48	12.866	1787	1790	1792	rBV3	26070	23321	1.13%	0.143%
49	12.889	1792	1794	1797	rVB	108951	87507	4.24%	0.536%
50	12.924	1797	1800	1801	rBV	117389	98746	4.79%	0.605%
51	12.948	1801	1804	1809	rVB	517568	475671	23.06%	2.915%
52	12.995	1809	1812	1815	rVB	49266	48180	2.34%	0.295%
53	13.077	1819	1826	1828	rBV	846007	768929	37.28%	4.713%
54	13.095	1828	1829	1833	rVV3	57827	61484	2.98%	0.377%
55	13.171	1835	1842	1846	rVV4	52297	123999	6.01%	0.760%
56	13.213	1846	1849	1851	rVV3	74798	68082	3.30%	0.417%
57	13.254	1851	1856	1857	rVV3	108098	167488	8.12%	1.027%
58	13.271	1857	1859	1862	rVV2	105341	125628	6.09%	0.770%
59	13.301	1862	1864	1868	rVV4	44823	44614	2.16%	0.273%
60	13.336	1868	1870	1873	rVV	37517	33770	1.64%	0.207%
61	13.377	1873	1877	1880	rVV2	147904	146240	7.09%	0.896%
62	13.471	1890	1893	1895	rVV	77883	73786	3.58%	0.452%
63	13.501	1895	1898	1901	rVV	81064	99768	4.84%	0.611%
64	13.542	1901	1905	1908	rVV	153009	145184	7.04%	0.890%
65	13.571	1908	1910	1915	rVB4	26224	40265	1.95%	0.247%
66	13.618	1915	1918	1921	rBV2	32630	31364	1.52%	0.192%
67	13.754	1938	1941	1943	rBV4	21150	28459	1.38%	0.174%
68	13.783	1944	1946	1948	rBV	39827	38778	1.88%	0.238%
69	13.895	1960	1965	1968	rBV3	57808	84296	4.09%	0.517%
70	13.918	1968	1969	1972	rVB	47927	33487	1.62%	0.205%
71	13.954	1972	1975	1980	rBV3	69300	95355	4.62%	0.584%

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Misc :
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Instrument : BNA_F
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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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Peak separation: 5

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

72	13.995	1980	1982	1986	rVB	51114	43004	2.08%	0.264%
73	14.048	1988	1991	1993	rBV	48828	48226	2.34%	0.296%
74	14.148	2003	2008	2011	rBV2	506928	609151	29.53%	3.734%
75	14.171	2011	2012	2019	rVB	162816	144820	7.02%	0.888%
76	14.230	2019	2022	2024	rBV3	21714	21911	1.06%	0.134%
77	14.260	2024	2027	2031	rBV2	31473	52598	2.55%	0.322%
78	14.536	2069	2074	2076	rBV	56892	62737	3.04%	0.385%
79	14.571	2077	2080	2084	rVV2	53314	58926	2.86%	0.361%
80	14.671	2094	2097	2103	rVB3	38882	55432	2.69%	0.340%
81	15.030	2155	2158	2160	rBV	25337	32112	1.56%	0.197%
82	15.230	2188	2192	2200	rBV2	77243	168581	8.17%	1.033%
83	15.554	2244	2247	2251	rVB	52306	62302	3.02%	0.382%
84	15.624	2255	2259	2261	rVV	60043	68951	3.34%	0.423%
85	15.689	2265	2270	2274	rBV	196775	251602	12.20%	1.542%

Sum of corrected areas: 16315747

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
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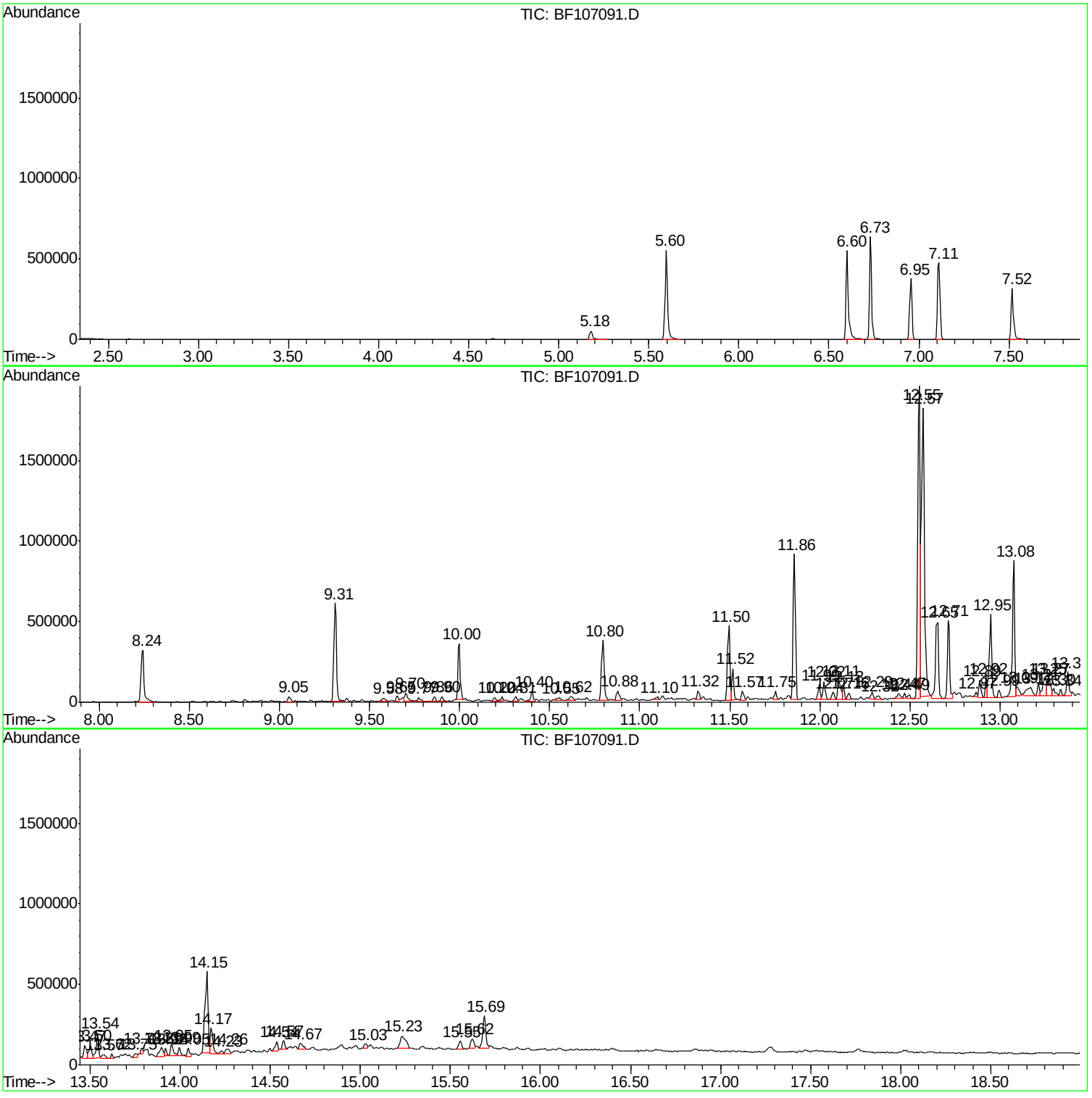
Sample : J3243-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-062918

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\BF070318\
Data File : BF107091.D
Acq On : 3 Jul 2018 19:24
Operator : JU/SJ
Sample : J3243-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-062918

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

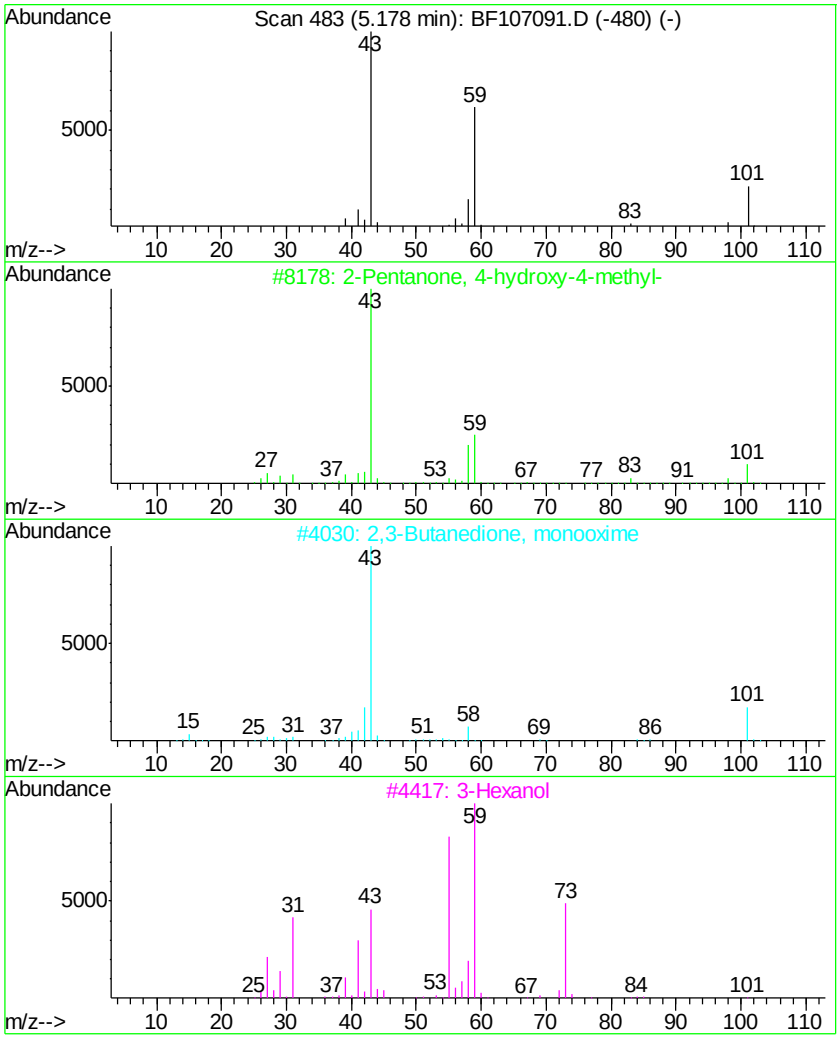
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

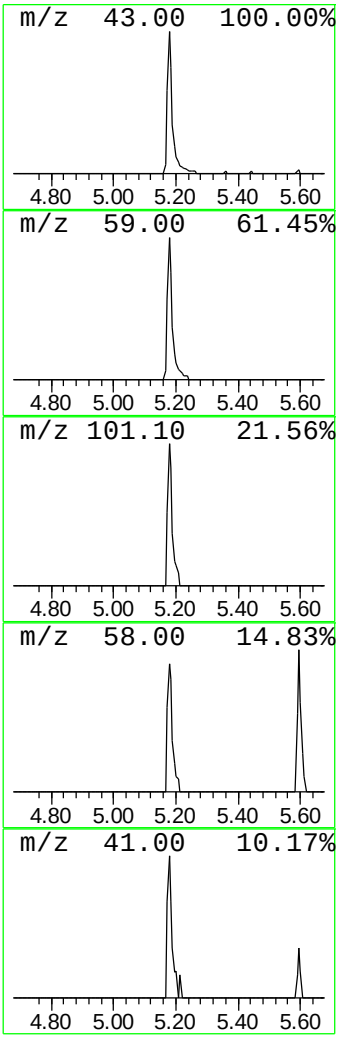
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	3.99 ng	59945	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	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
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Misc :
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Instrument : BNA_F
ClientSampleId : NB-08-062918

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

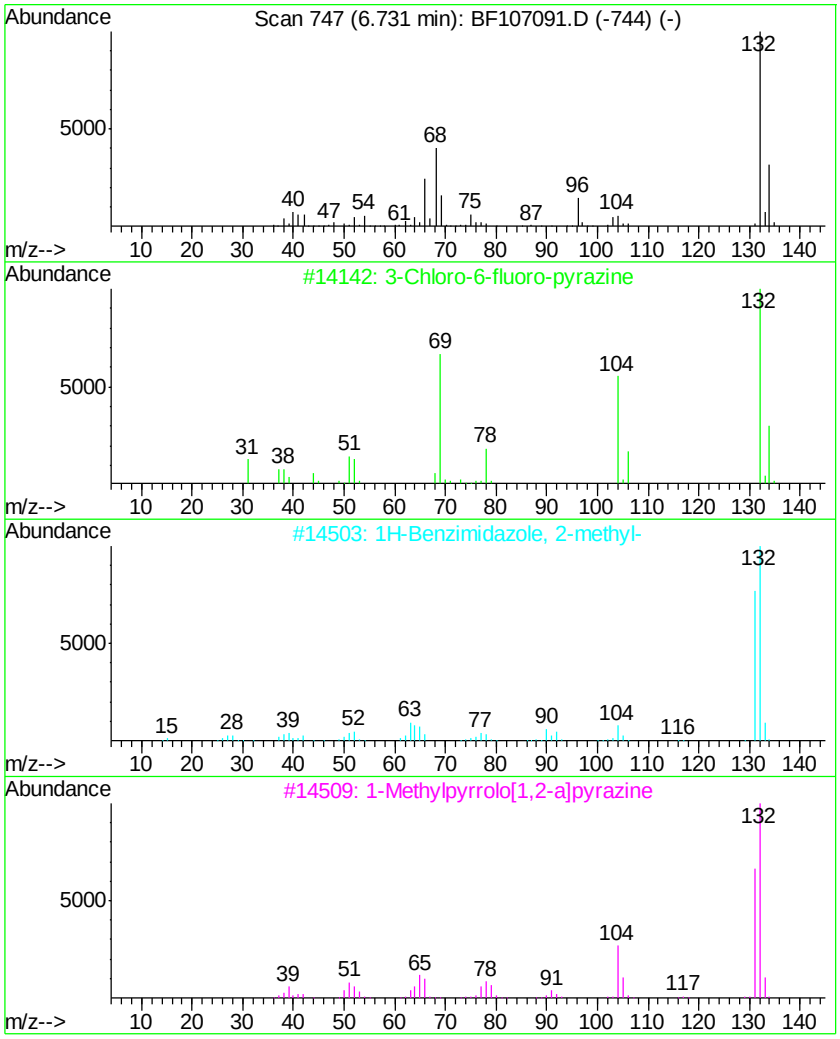
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

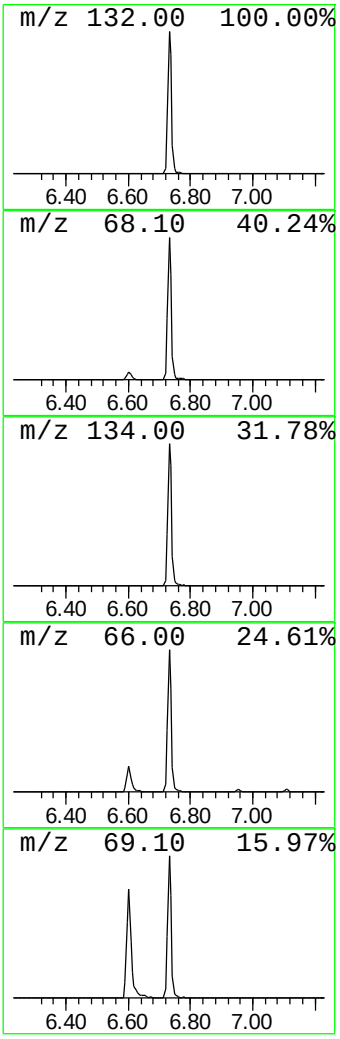
****

Peak Number 2 unknown6.73 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	36.46 ng	547349	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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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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
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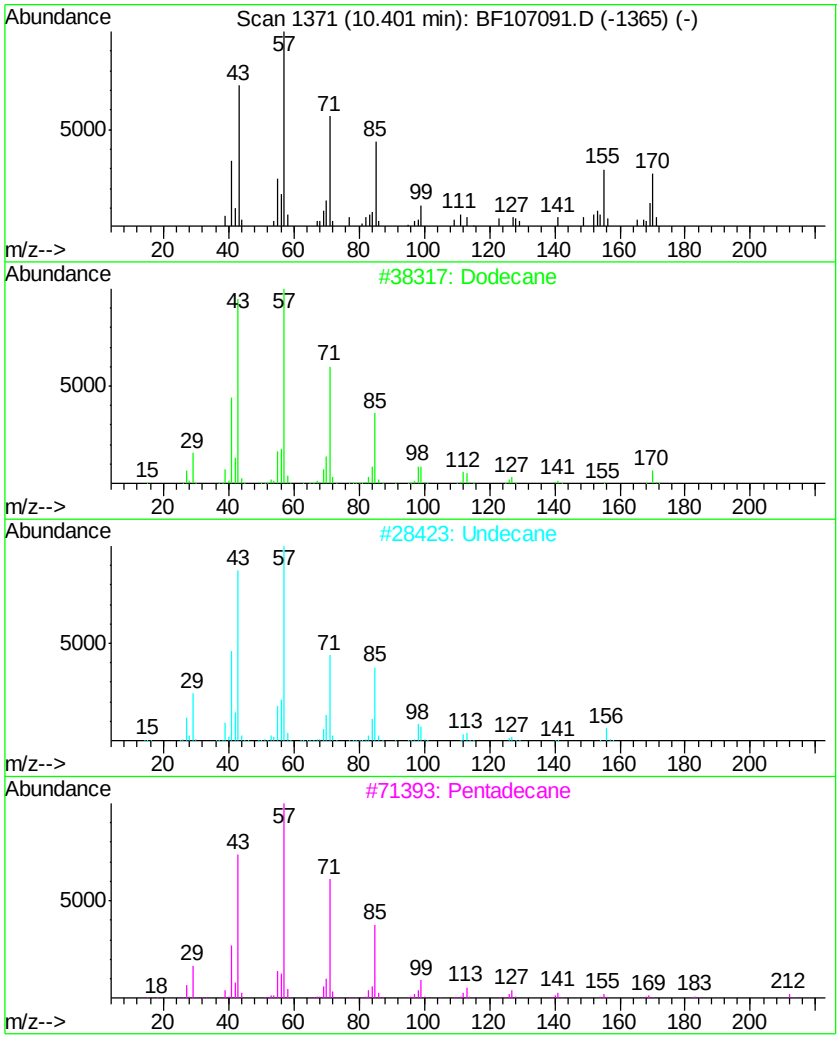
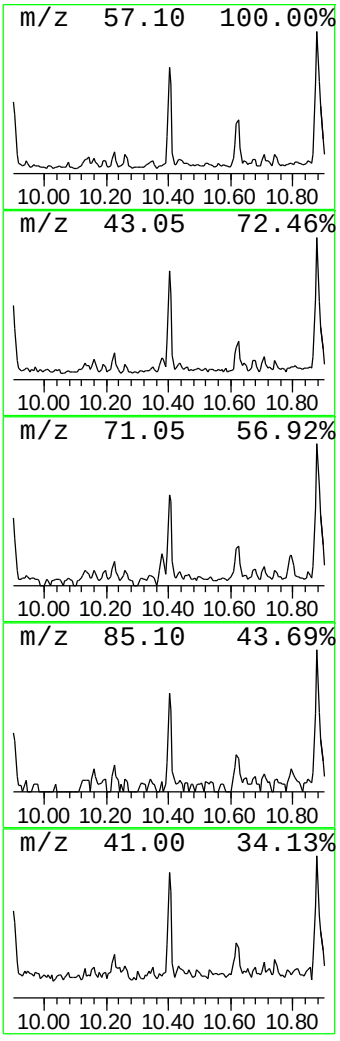
Peak Number 4 Dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	3.75 ng	61161	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	68
2	Undecane	156	C11H24	001120-21-4	58
3	Pentadecane	212	C15H32	000629-62-9	52
4	Tetradecane	198	C14H30	000629-59-4	52
5	Nonane	128	C9H20	000111-84-2	50





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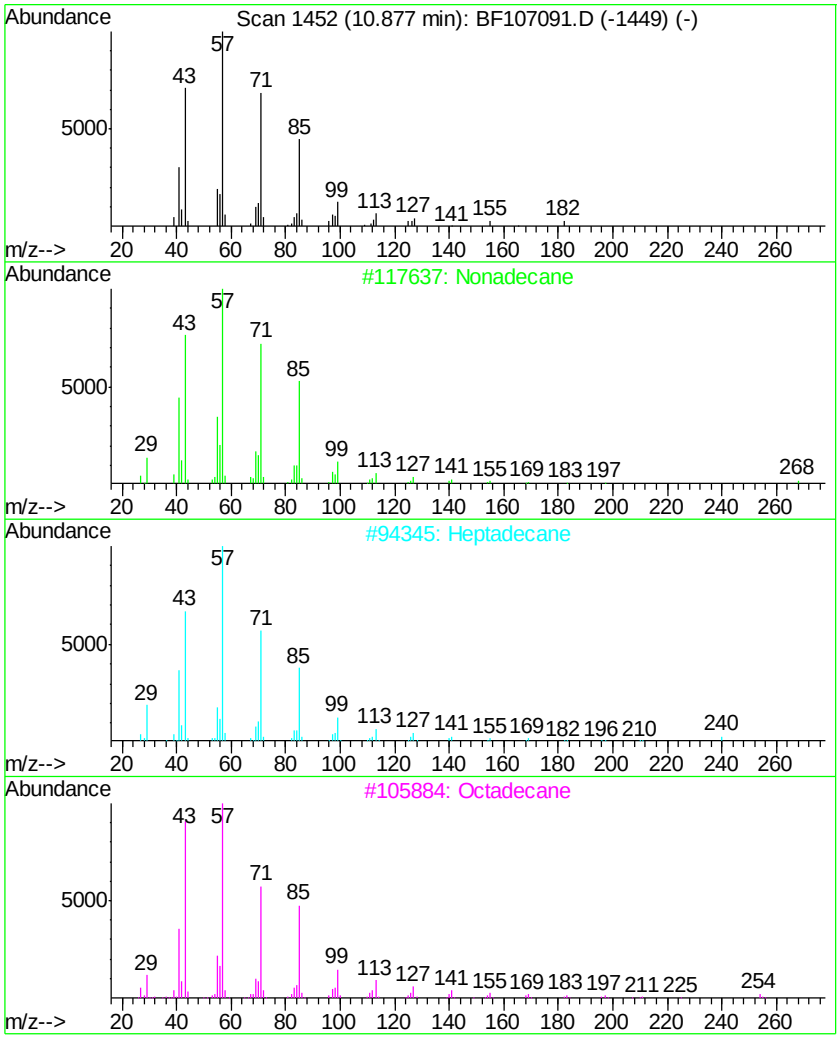
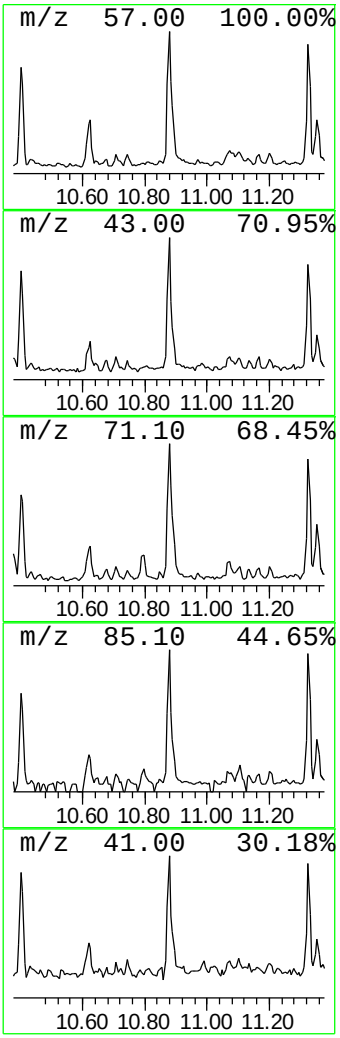
Peak Number 5 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	3.07 ng	59849	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heneicosane	296	C21H44	000629-94-7	87





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Misc :
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Instrument : BNA_F
ClientSampleId : NB-08-062918

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

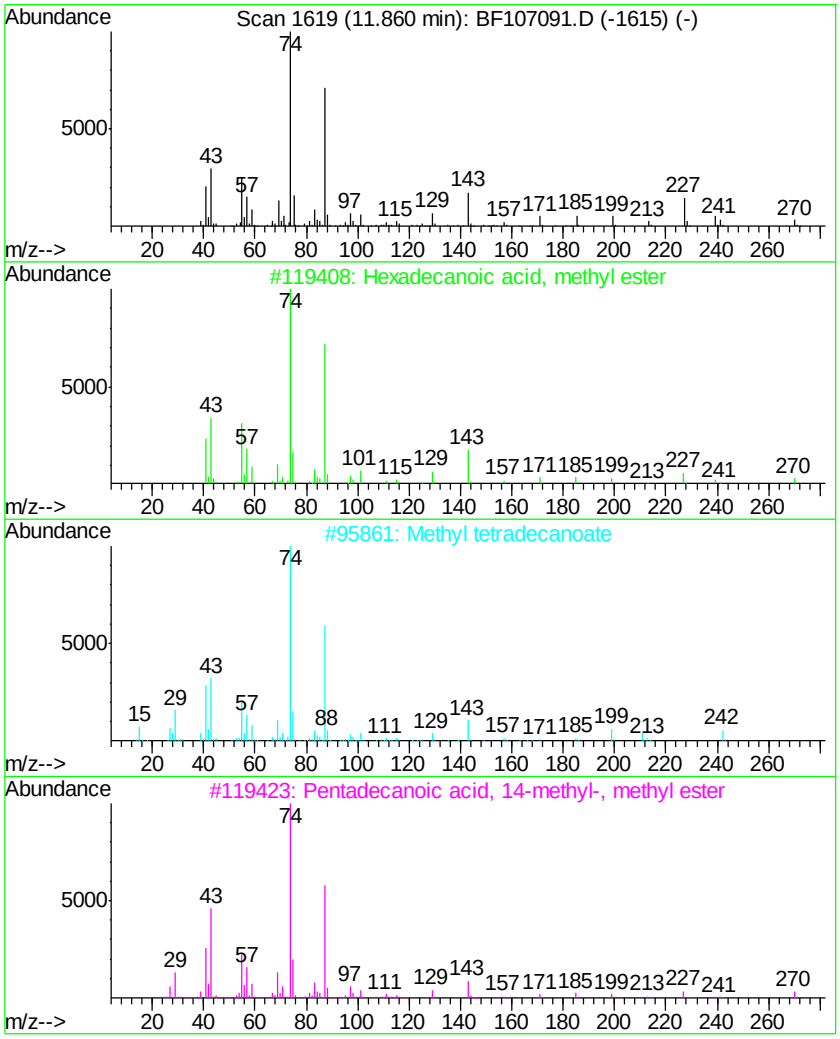
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

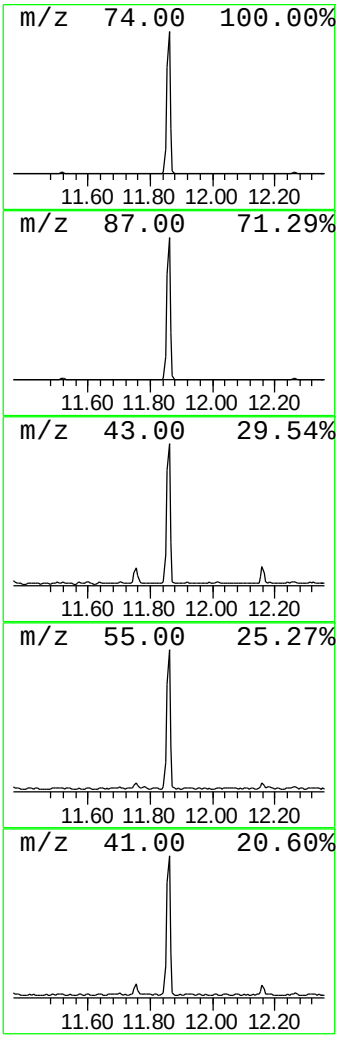
****

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	37.22 ng	726249	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	83





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Misc :
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Instrument : BNA_F
ClientSampleId : NB-08-062918

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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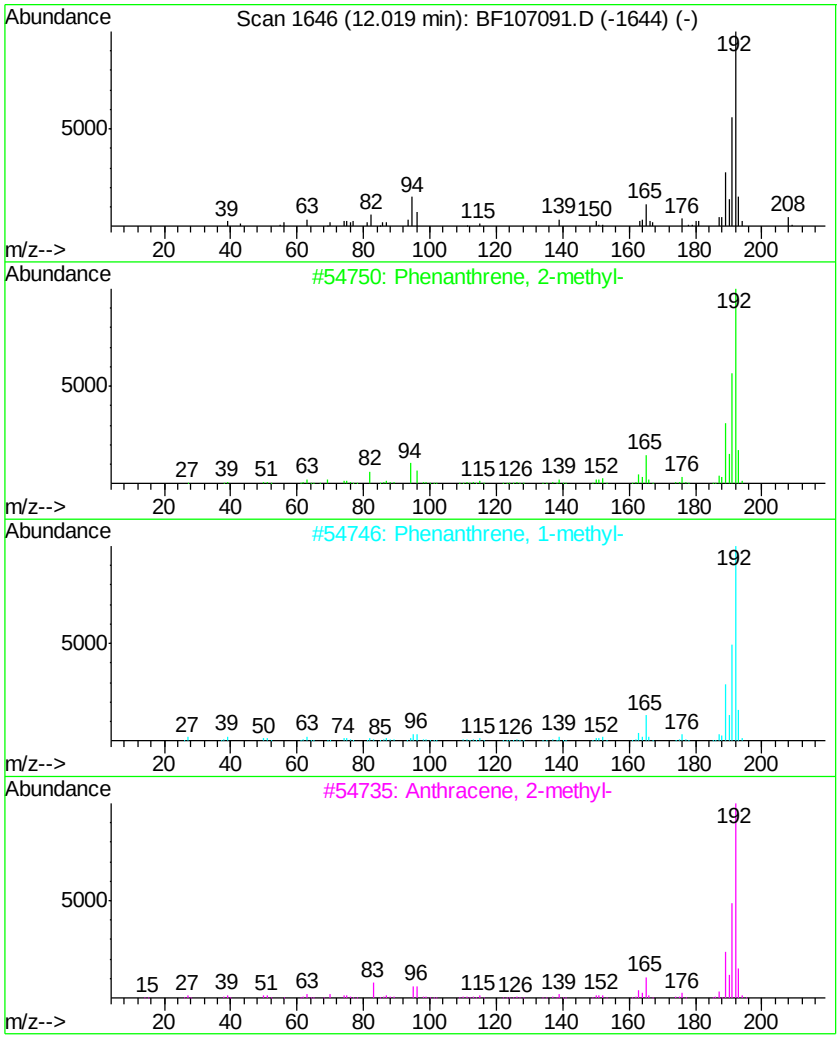
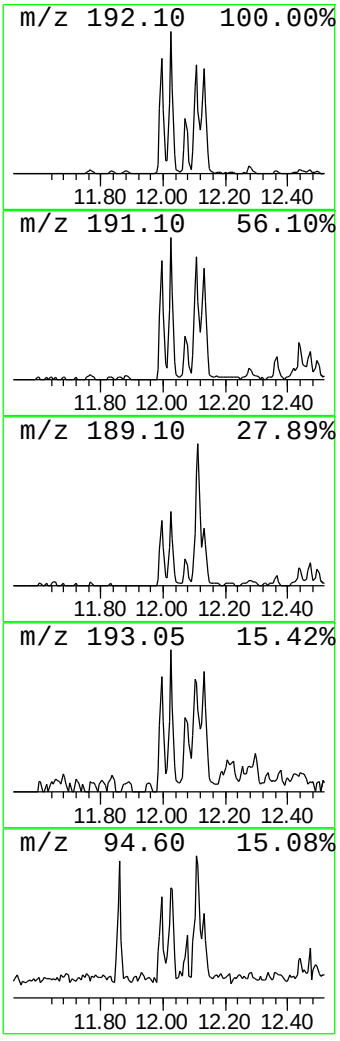
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.92 ng	95943	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





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Data File : BF107091.D
Acq On : 3 Jul 2018 19:24
Operator : JU/SJ
Sample : J3243-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-062918

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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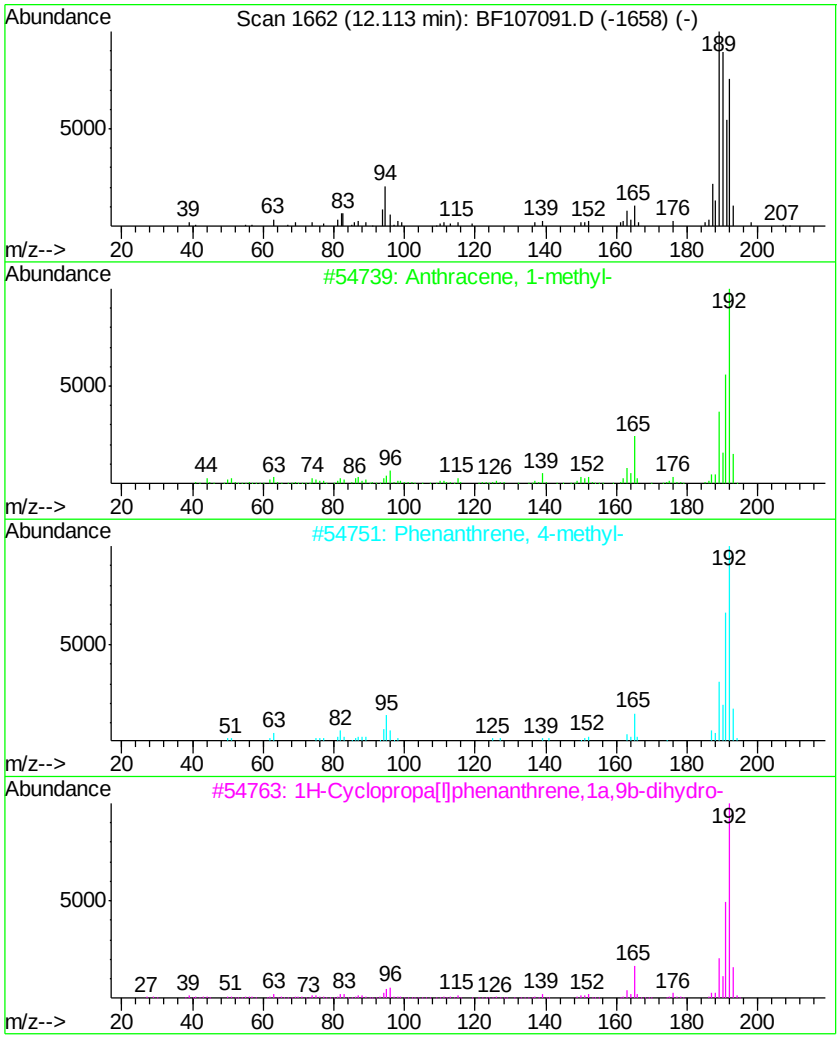
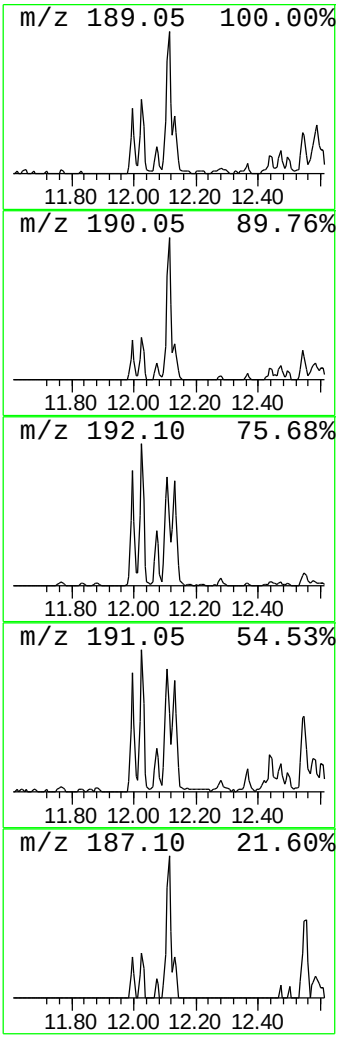
Peak Number 9 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	7.39 ng	144122	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	55
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	49





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Sample : J3243-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-062918

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

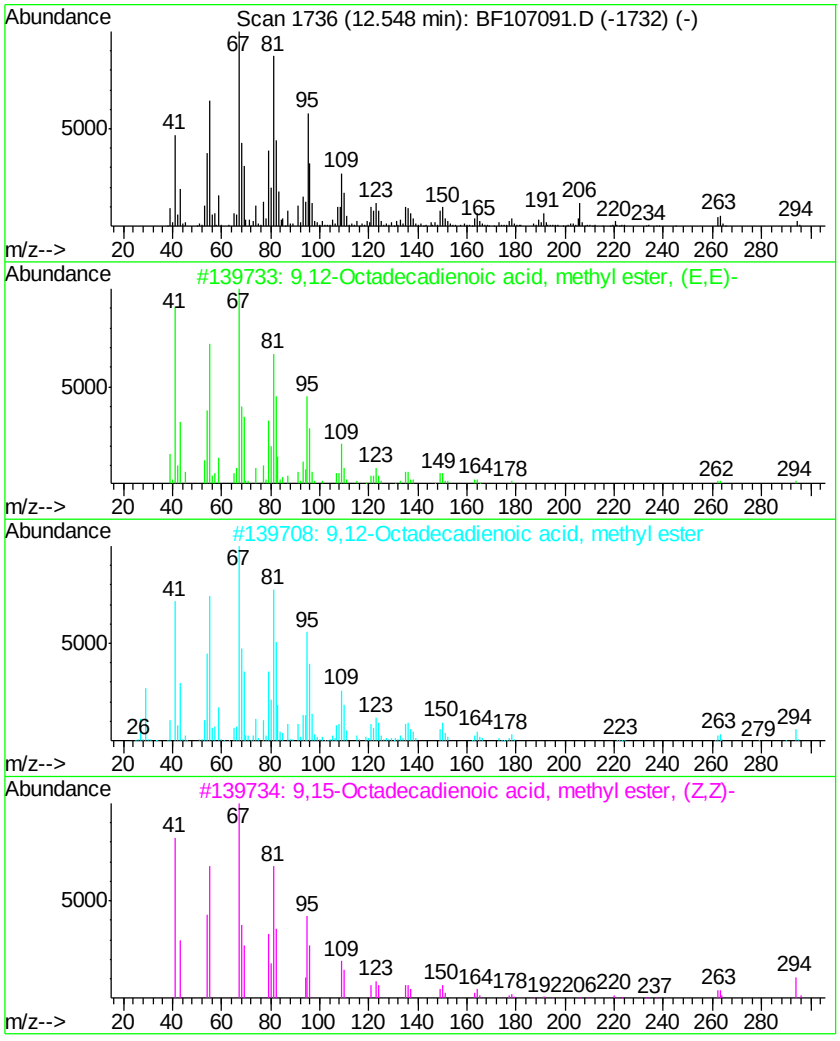
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

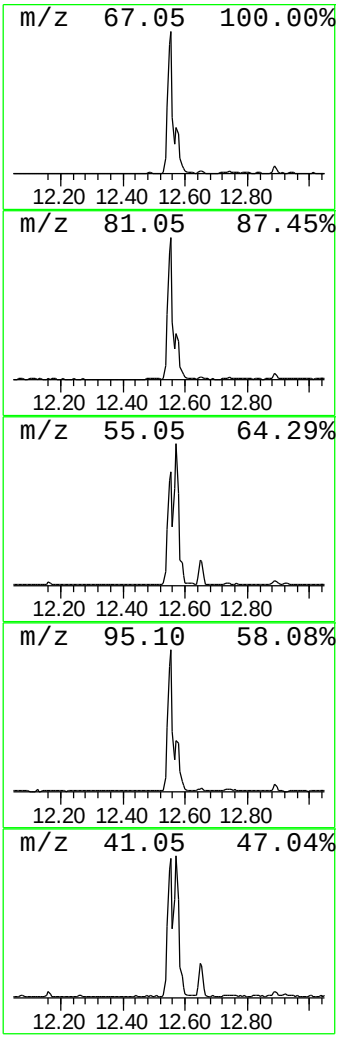
****

Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	105.72 ng	2062800	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





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Instrument : BNA_F
ClientSampleId : NB-08-062918

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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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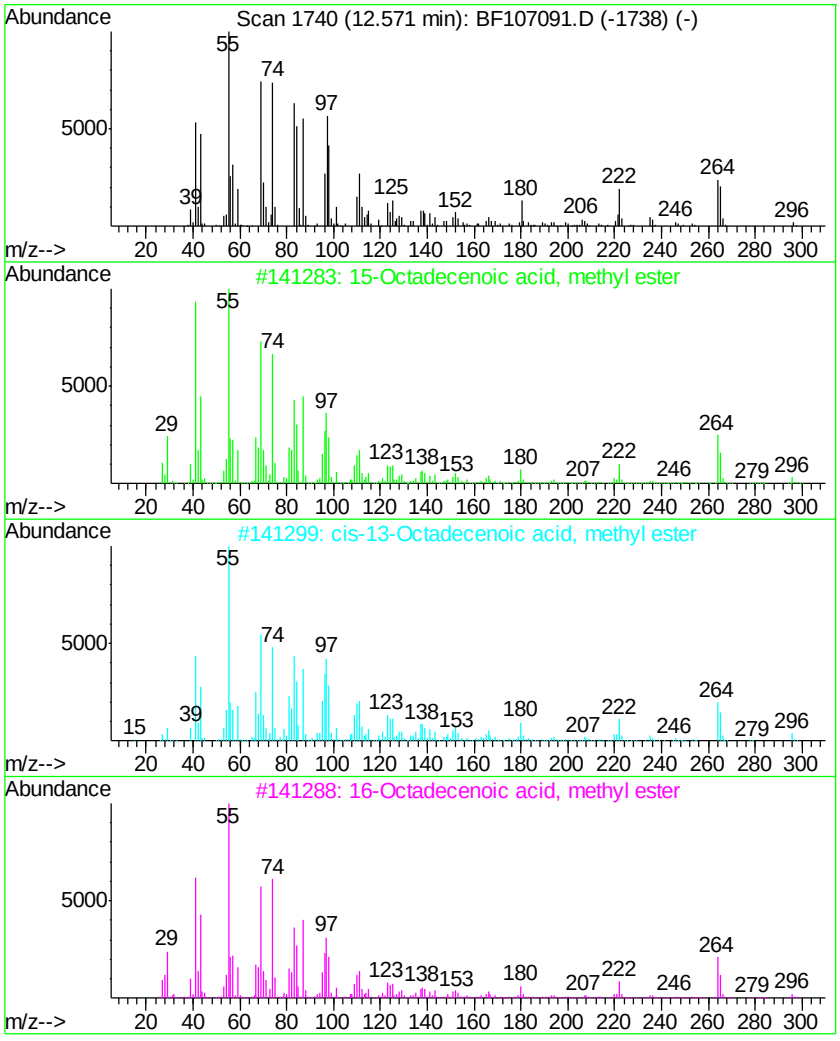
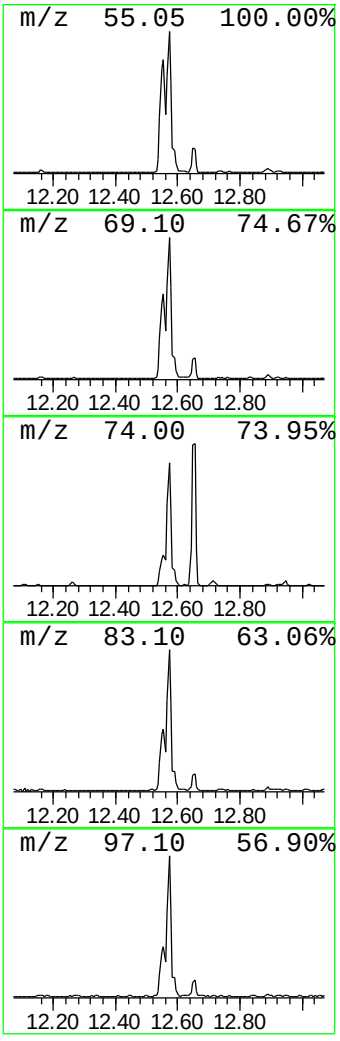
Peak Number 11 15-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	93.87 ng	1831610	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	89
2	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	81
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	76
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	64
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	49





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Sample : J3243-05 2X
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ClientSampleId : NB-08-062918

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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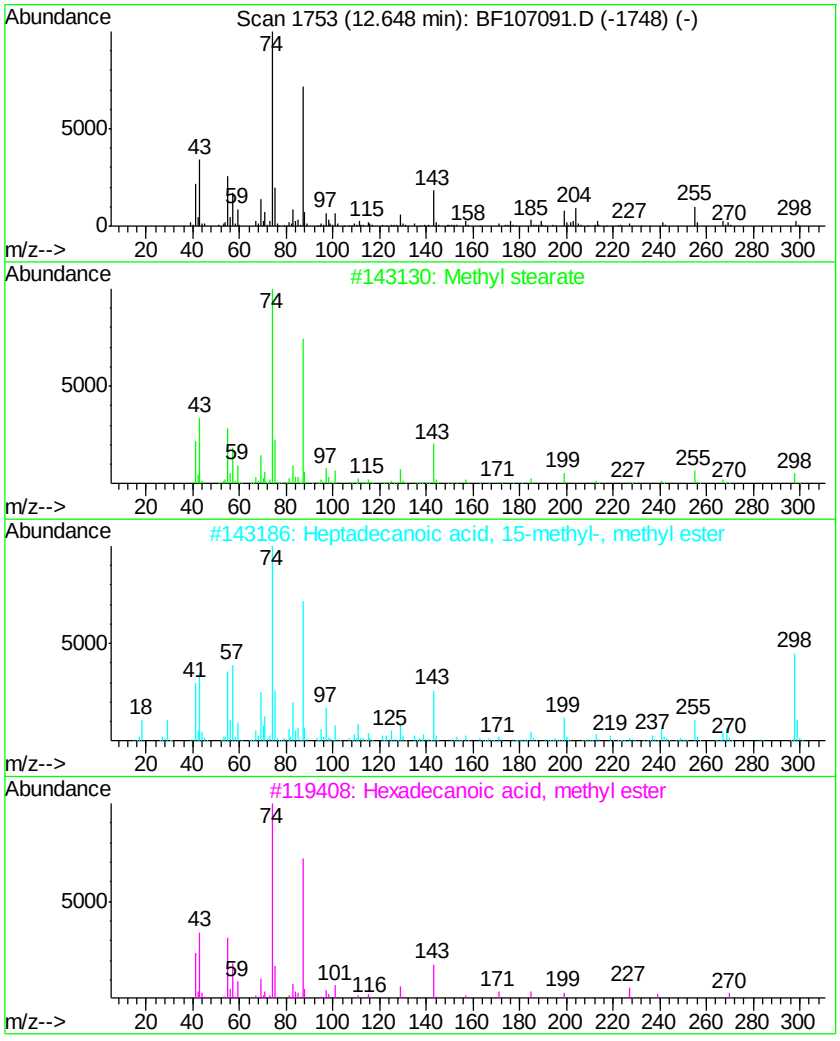
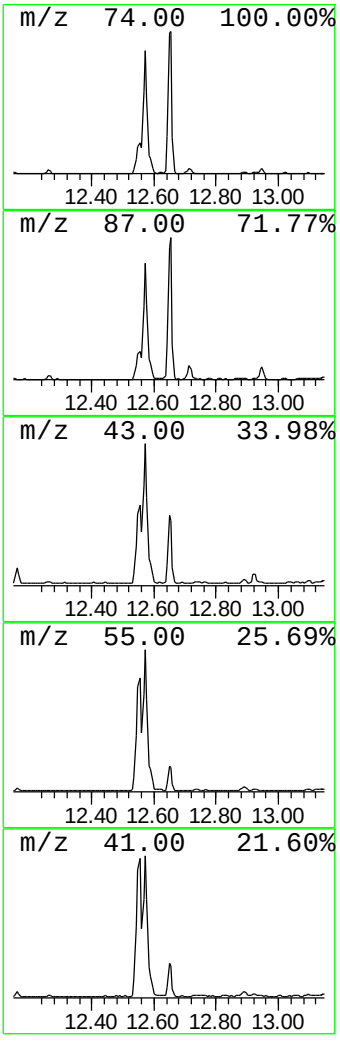
Peak Number 12 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	24.61 ng	480179	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	94
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	91
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89





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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId : NB-08-062918

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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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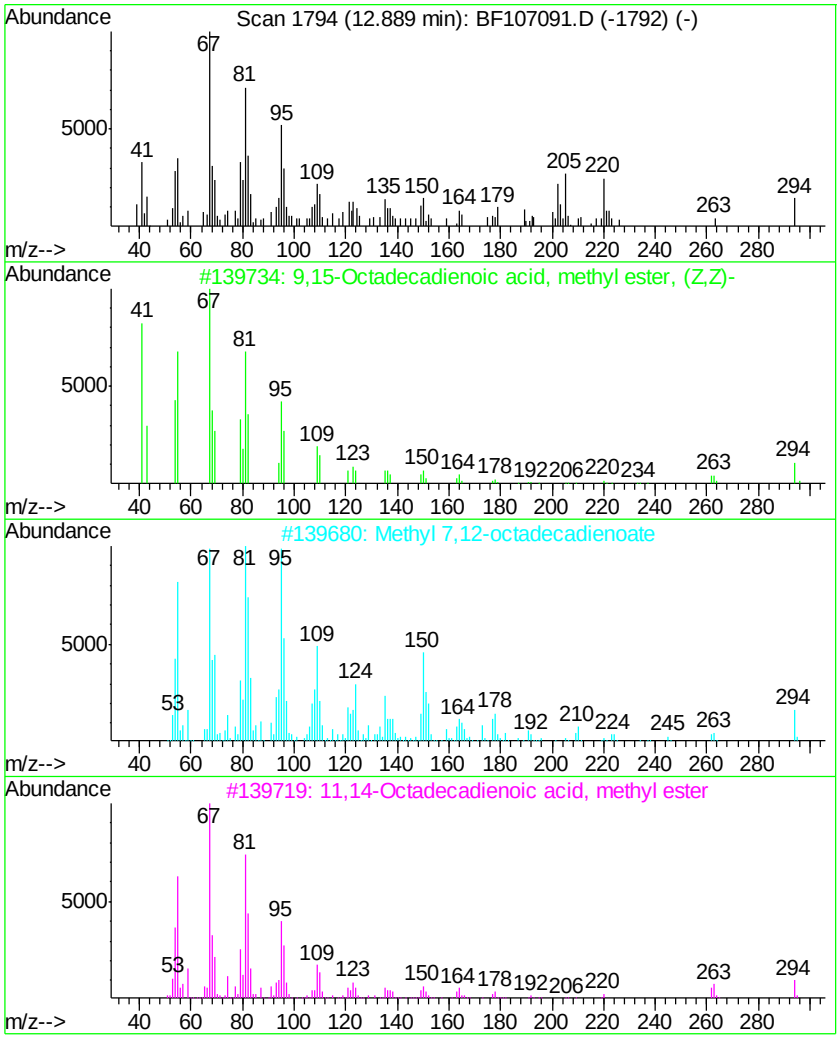
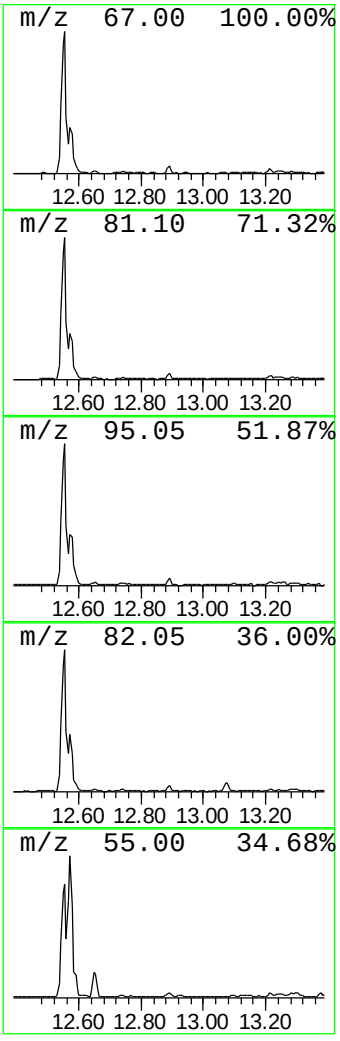
Peak Number 13 9,15-Octadecadienoic acid, ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.87 ng	87507	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	94
2	Methyl 7,12-octadecadienoate	294	C19H34O2	1000336-43-8	89
3	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	86
4	12,15-Octadecadienoic acid, meth...	294	C19H34O2	057156-97-5	70
5	Methyl 6,11-octadecadienoate	294	C19H34O2	1000336-43-2	70





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-062918

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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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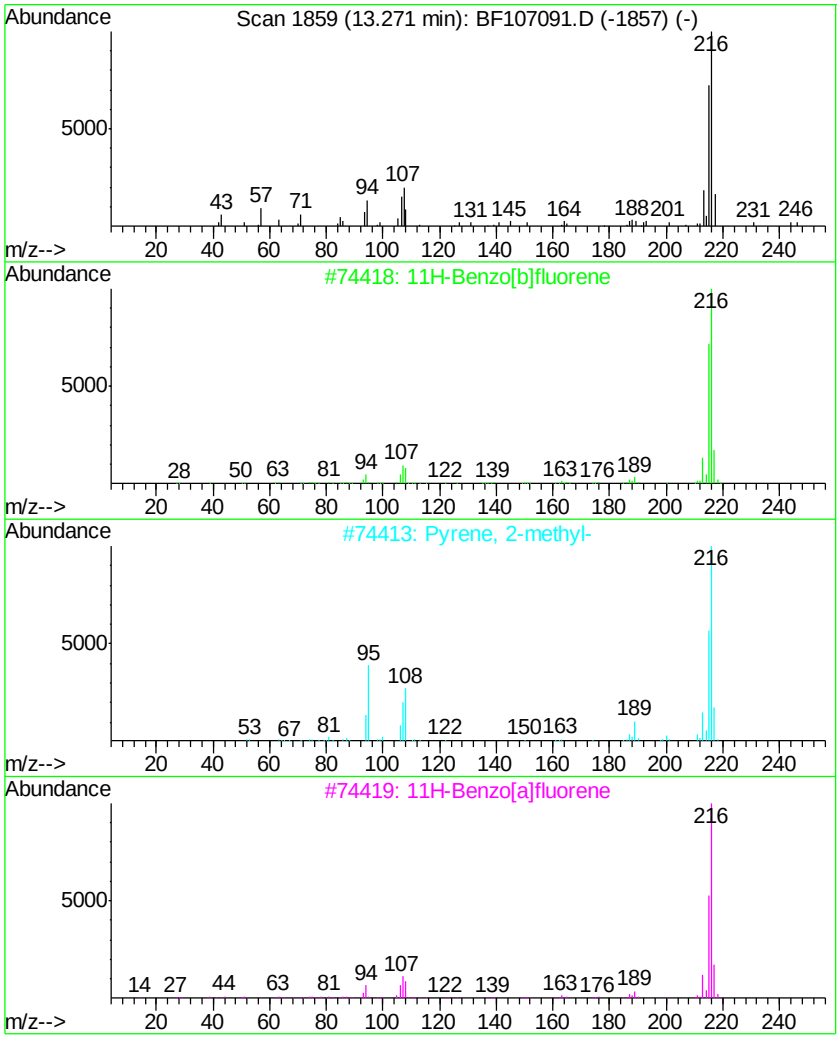
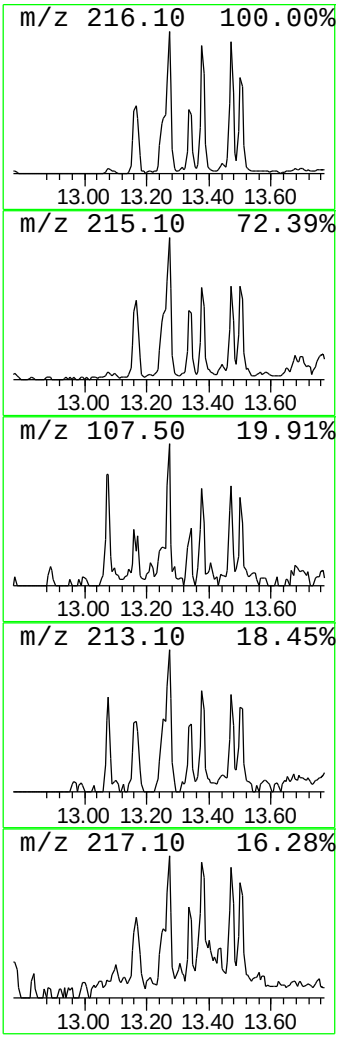
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	4.12 ng	125628	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	59
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	58





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Sample : J3243-05 2X
Misc :
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Instrument : BNA_F
ClientSampleId : NB-08-062918

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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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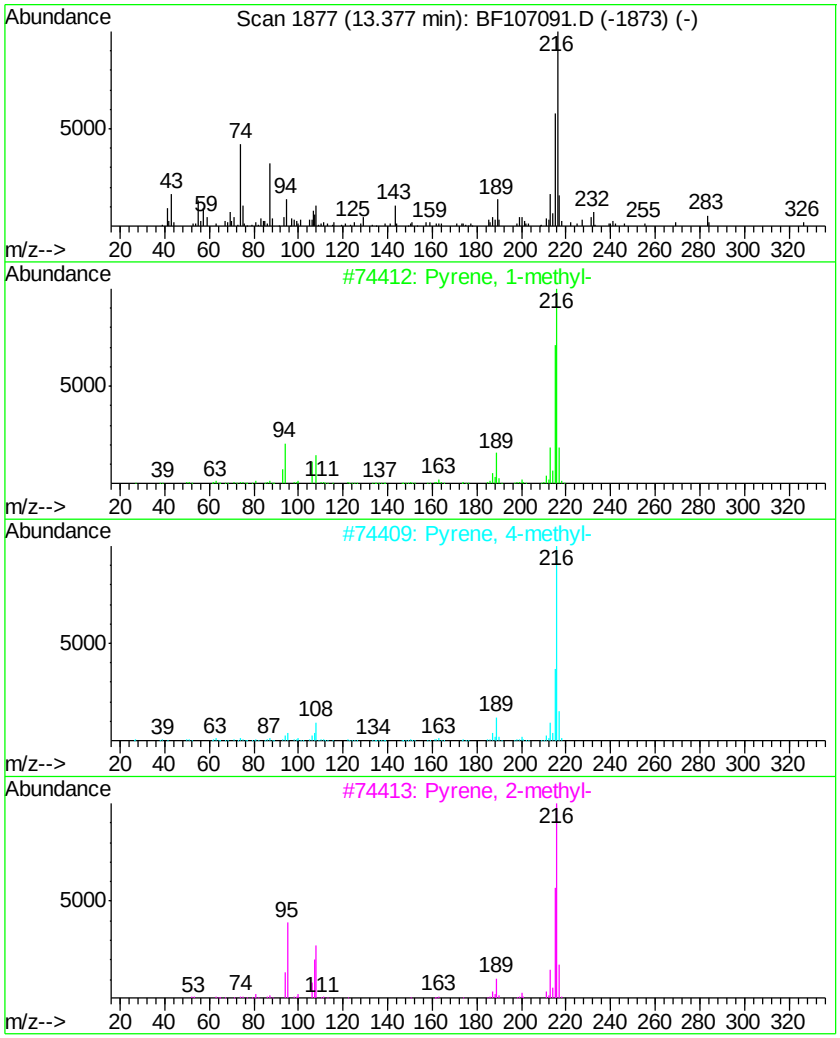
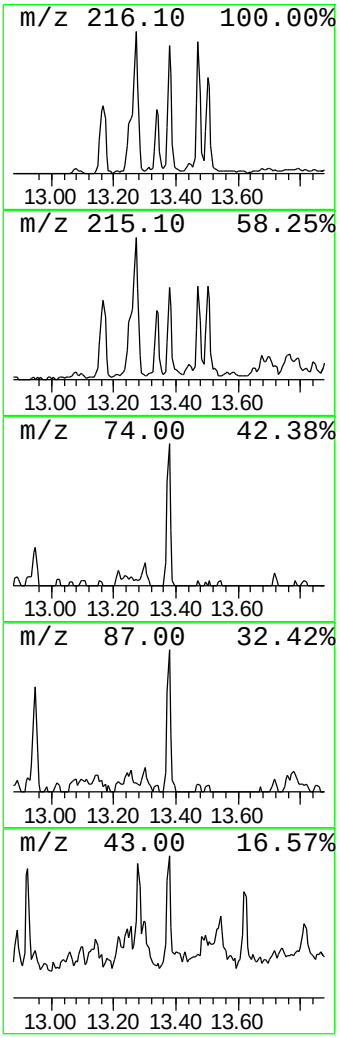
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	4.80 ng	146240	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	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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Misc :
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Instrument : BNA_F
ClientSampleId : NB-08-062918

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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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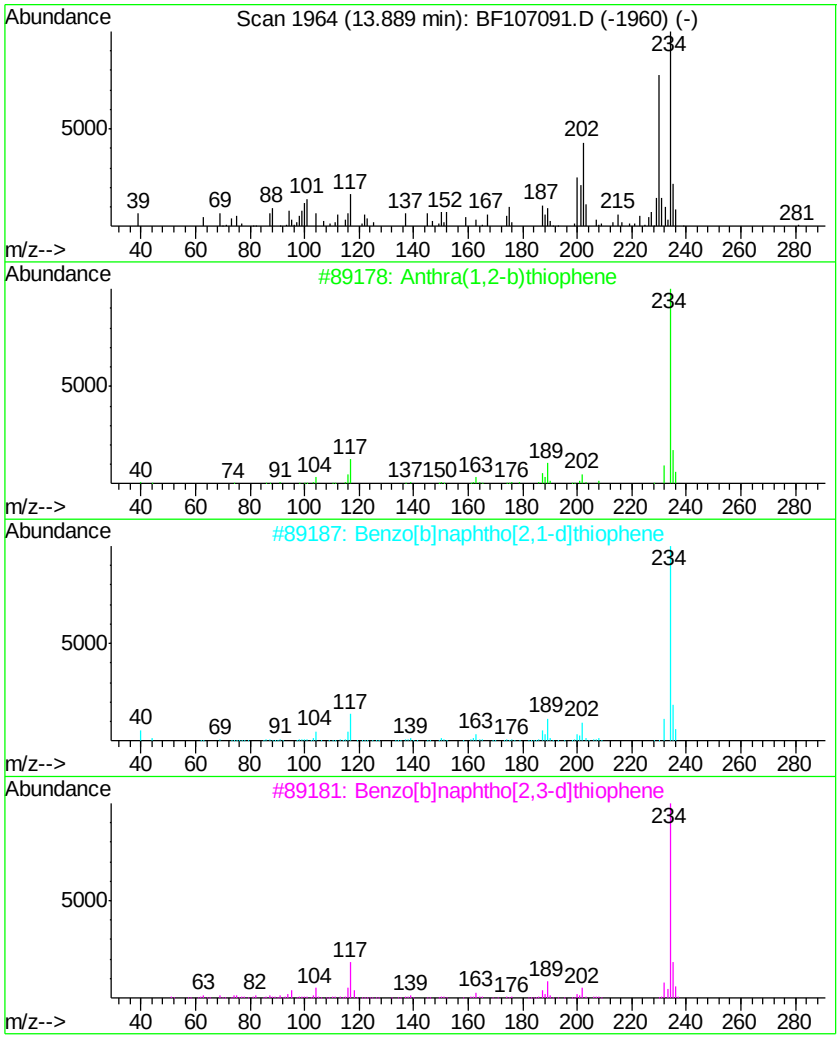
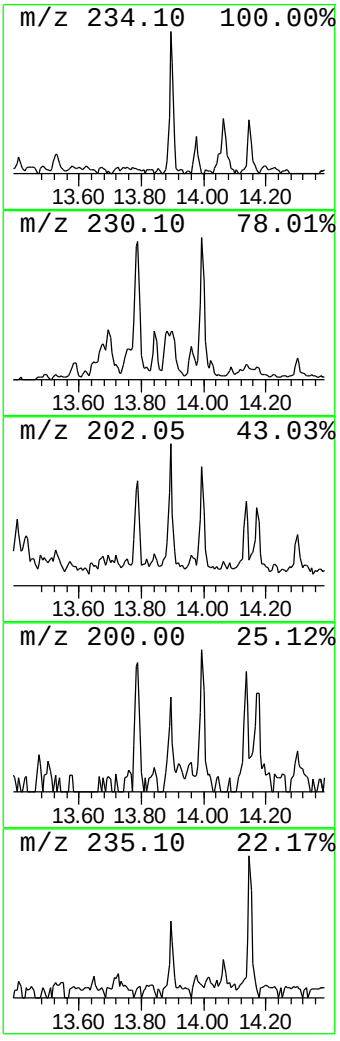
Peak Number 18 Anthra(1,2-b)thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.77 ng	84296	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	96
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	83
5	Anthra[1,9a,9-cd:5,10a,10-c'd']d...	234	C14H6N2O2	000201-91-2	43





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-062918

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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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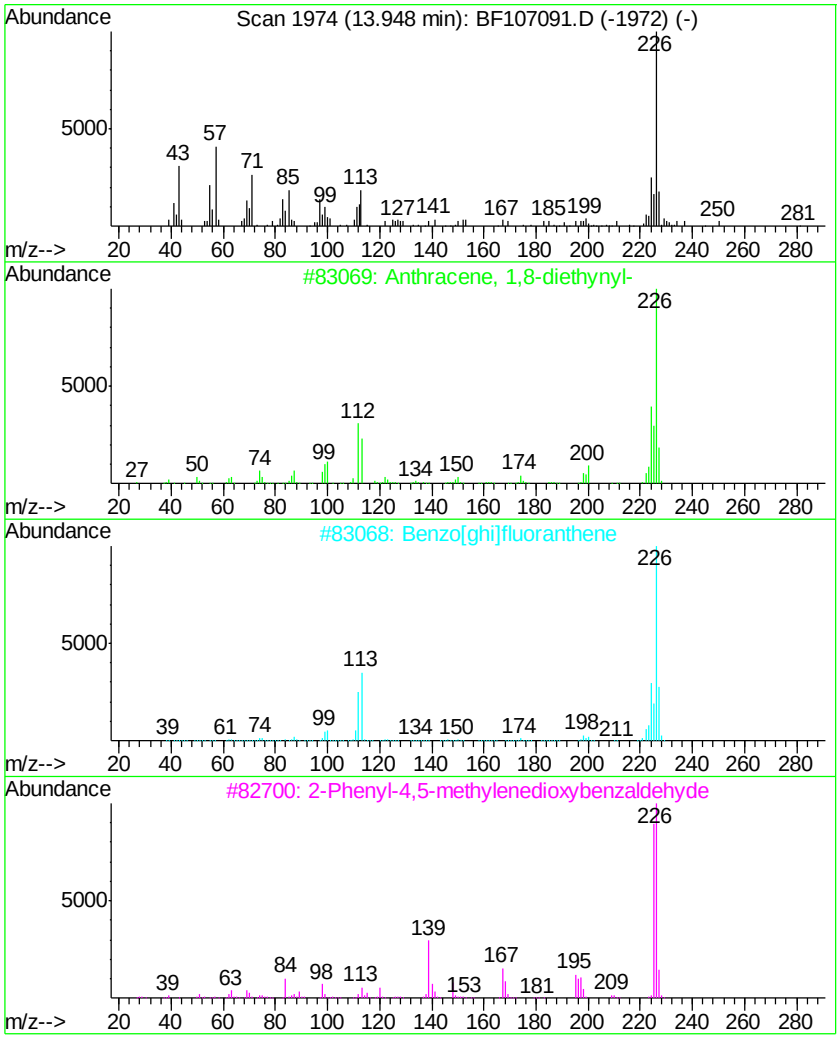
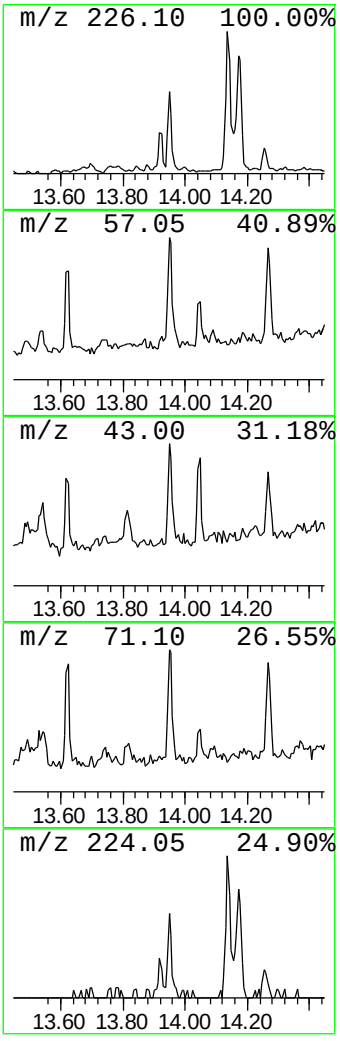
Peak Number 19 unknown13.95 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.13 ng	95355	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	38
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38
3	2-Phenyl-4,5-methylenedioxybenza...	226	C14H10O3	004432-95-5	35
4	5-Methyl-1-phenyl-1,5-dihydro-py...	226	C12H10N4O	1000300-02-1	30
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	30





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

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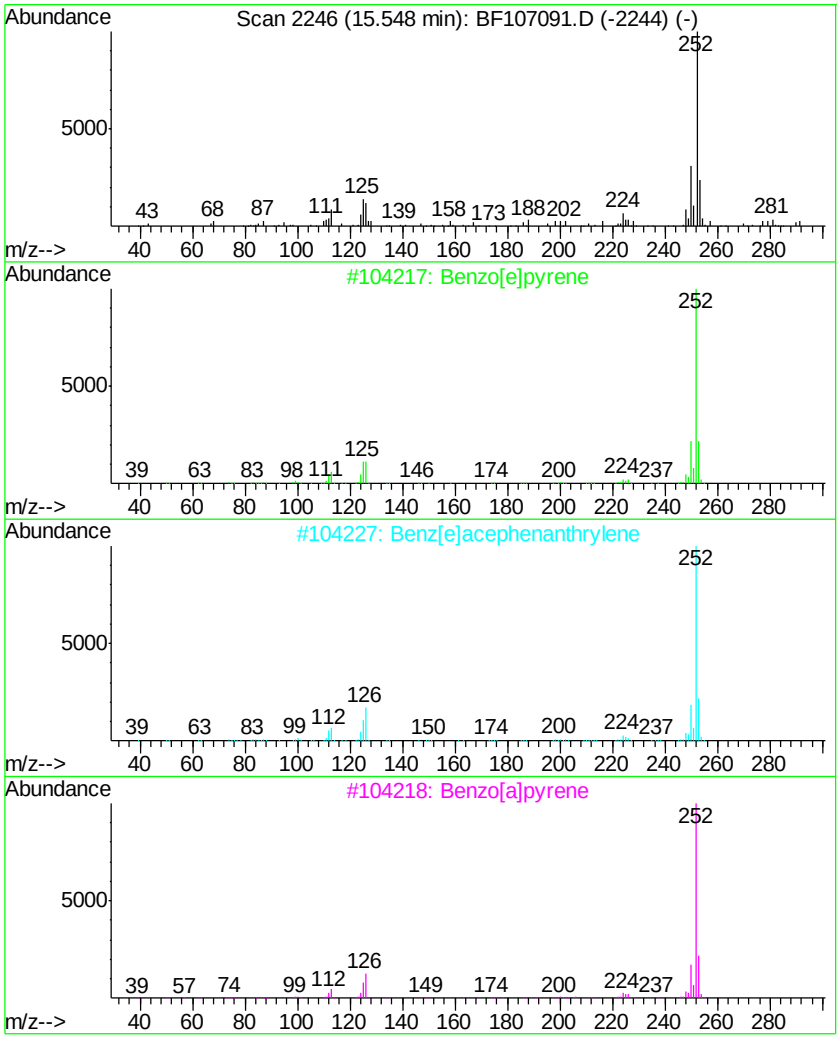
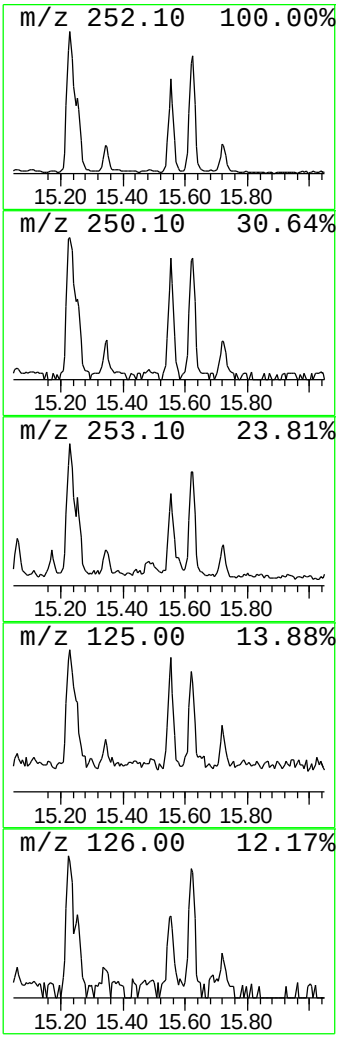
Peak Number 20 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	4.95 ng	62302	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

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Data File : BF107091.D
Acq On : 3 Jul 2018 19:24
Operator : JU/SJ
Sample : J3243-05 2X
Misc :
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	4.0	ng	59945	1	6.95	300244	20.0
unknown6.73	6.73	36.5	ng	547349	1	6.95	300244	20.0
Dodecane	10.40	3.8	ng	61161	3	10.00	325795	20.0
Nonadecane	10.88	3.1	ng	59849	4	11.49	390248	20.0
Hexadecanoic acid...	11.86	37.2	ng	726249	4	11.49	390248	20.0
Phenanthrene, 2-m...	12.02	4.9	ng	95943	4	11.49	390248	20.0
Anthracene, 1-met...	12.11	7.4	ng	144122	4	11.49	390248	20.0
9,12-Octadecadien...	12.55	105.7	ng	2062800	4	11.49	390248	20.0
15-Octadecenoic a...	12.57	93.9	ng	1831610	4	11.49	390248	20.0
Methyl stearate	12.65	24.6	ng	480179	4	11.49	390248	20.0
9,15-Octadecadien...	12.89	2.9	ng	87507	5	14.15	609151	20.0
11H-Benzo[b]fluorene	13.27	4.1	ng	125628	5	14.15	609151	20.0
Pyrene, 1-methyl-	13.38	4.8	ng	146240	5	14.15	609151	20.0
Anthra(1,2-b)thio...	13.89	2.8	ng	84296	5	14.15	609151	20.0
unknown13.95	13.95	3.1	ng	95355	5	14.15	609151	20.0
Benzo[e]pyrene	15.55	5.0	ng	62302	6	15.69	251602	20.0