LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107759.D
Acq On : 27 Jul 2018 21:16
Operator : JU/SJ
Sample : J4121-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(3-5)

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-BF072018.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	5.195	482	486	505	rBV	612499	842822	21.38%	1.429%
2	5.595	550	554	579	rBV	2318628	3282939	83.29%	5.566%
3	6.595	720	724	743	rBV	2267196	3683545	93.46%	6.245%
4	6.736	744	748	773	rVB	2912316	3941470	100.00%	6.683%
5	6.960	783	786	802	rBV	593666	908158	23.04%	1.540%
6	7.113	808	812	828	rBV	2533562	2963196	75.18%	5.024%
7	7.525	878	882	906	rBV	1645142	2526720	64.11%	4.284%
8	8.242	1000	1004	1029	rBV2	1005576	1464007	37.14%	2.482%
9	8.954	1121	1125	1132	rBV	83215	116618	2.96%	0.198%
10	9.054	1138	1142	1147	rBV	106500	109785	2.79%	0.186%
11	9.313	1180	1186	1195	rBV	3508661	3841895	97.47%	6.514%
12	9.419	1201	1204	1207	rVB	42355	46209	1.17%	0.078%
13	9.583	1227	1232	1236	rBV	67631	96041	2.44%	0.163%
14	9.654	1241	1244	1247	rBV	136073	141543	3.59%	0.240%
15	9.707	1250	1253	1260	rVB	251260	269559	6.84%	0.457%
16	9.771	1261	1264	1266	rBV	57964	53863	1.37%	0.091%
17	9.860	1276	1279	1284	rBV	266952	288791	7.33%	0.490%
18	9.907	1284	1287	1291	rVB	56435	57672	1.46%	0.098%
19	10.001	1299	1303	1306	rBV	1084933	1057862	26.84%	1.794%
20	10.030	1306	1308	1316	rVB5	107783	149047	3.78%	0.253%
21	10.101	1317	1320	1324	rVB3	48495	56843	1.44%	0.096%
22	10.195	1333	1336	1340	rBV3	65201	82864	2.10%	0.140%
23	10.236	1340	1343	1346	rVB	88447	84940	2.16%	0.144%
24	10.313	1352	1356	1359	rBV	91462	106396	2.70%	0.180%
25	10.342	1359	1361	1365	rVV	53579	48806	1.24%	0.083%
26	10.407	1367	1372	1378	rBV2	122549	146369	3.71%	0.248%
27	10.454	1378	1380	1384	rBV2	41327	50395	1.28%	0.085%
28	10.548	1393	1396	1402	rVB3	96990	148888	3.78%	0.252%
29	10.630	1402	1410	1412	rBV3	63557	99136	2.52%	0.168%
30	10.707	1417	1423	1426	rBV4	45141	74890	1.90%	0.127%
31	10.795	1434	1438	1450	rBV	1720079	2039621	51.75%	3.458%
32	10.883	1450	1453	1462	rVB2	127636	246705	6.26%	0.418%
33	10.989	1467	1471	1476	rBV3	86537	112928	2.87%	0.191%
34	11.101	1485	1490	1492	rBV	86434	128839	3.27%	0.218%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4121-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(3-5)

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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.124	1492	1494	1500	rVB2	66626	71267	1.81%	0.121%
36	11.177	1501	1503	1506	rVB	54922	49453	1.25%	0.084%
37	11.224	1506	1511	1513	rBV6	33378	55059	1.40%	0.093%
38	11.301	1521	1524	1527	rBV2	35433	43043	1.09%	0.073%
39	11.330	1527	1529	1532	rBV2	121998	87575	2.22%	0.148%
40	11.389	1536	1539	1549	rVB	124874	191014	4.85%	0.324%
41	11.495	1553	1557	1559	rBV	918181	953120	24.18%	1.616%
42	11.518	1559	1561	1567	rVB	796449	764799	19.40%	1.297%
43	11.571	1567	1570	1574	rBV	192341	207827	5.27%	0.352%
44	11.642	1580	1582	1589	rVB5	35887	52214	1.32%	0.089%
45	11.760	1599	1602	1604	rVB	114443	91278	2.32%	0.155%
46	11.783	1604	1606	1610	rVV	119343	100416	2.55%	0.170%
47	11.824	1610	1613	1616	rVV	161268	151533	3.84%	0.257%
48	11.860	1616	1619	1623	rVV	1282515	1132718	28.74%	1.920%
49	11.912	1624	1628	1632	rVB	94499	122196	3.10%	0.207%
50	11.995	1639	1642	1645	rBV2	399720	469988	11.92%	0.797%
51	12.024	1645	1647	1653	rVB	333698	330614	8.39%	0.561%
52	12.071	1653	1655	1658	rBV	118368	115181	2.92%	0.195%
53	12.107	1658	1661	1664	rBV2	434498	560272	14.21%	0.950%
54	12.165	1669	1671	1674	rVB	84110	65310	1.66%	0.111%
55	12.230	1679	1682	1685	rVB	80510	77174	1.96%	0.131%
56	12.289	1689	1692	1695	rBV2	175360	191103	4.85%	0.324%
57	12.395	1706	1710	1712	rBV2	51966	76565	1.94%	0.130%
58	12.418	1712	1714	1716	rBV	62393	62098	1.58%	0.105%
59	12.471	1721	1723	1725	rVV	92653	82559	2.09%	0.140%
60	12.495	1725	1727	1730	rVB2	78740	72396	1.84%	0.123%
61	12.554	1732	1737	1738	rBV2	2379111	2237708	56.77%	3.794%
62	12.577	1738	1741	1748	rVV	3156845	3646163	92.51%	6.182%
63	12.654	1751	1754	1760	rVB3	696938	725667	18.41%	1.230%
64	12.712	1760	1764	1769	rBV	1226605	1266068	32.12%	2.147%
65	12.807	1778	1780	1786	rVB	148831	161696	4.10%	0.274%
66	12.865	1787	1790	1792	rBV	130609	133159	3.38%	0.226%
67	12.948	1797	1804	1809	rBV	1545496	1826511	46.34%	3.097%
68	12.995	1809	1812	1815	rVB	132492	140997	3.58%	0.239%
69	13.077	1822	1826	1836	rVB	2837038	2893541	73.41%	4.906%
70	13.159	1836	1840	1847	rVB4	175644	313504	7.95%	0.532%
71	13.218	1847	1850	1852	rBV2	74861	79483	2.02%	0.135%

LSC Area Percent Report

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Acq On : 27 Jul 2018 21:16
Operator : JU/SJ
Sample : J4121-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(3-5)

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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.271	1852	1859	1863	rBV2	349615	634960	16.11%	1.077%
73	13.336	1868	1870	1874	rVV	227047	252057	6.39%	0.427%
74	13.377	1874	1877	1884	rVB	303337	379678	9.63%	0.644%
75	13.471	1890	1893	1895	rBV	206797	199368	5.06%	0.338%
76	13.501	1895	1898	1908	rVB	241521	339973	8.63%	0.576%
77	13.624	1916	1919	1922	rBV	122150	148144	3.76%	0.251%
78	13.783	1944	1946	1950	rVB	115813	128133	3.25%	0.217%
79	13.895	1963	1965	1967	rBV	194626	173992	4.41%	0.295%
80	13.918	1967	1969	1972	rVB	141792	123478	3.13%	0.209%
81	13.954	1972	1975	1980	rBV4	478224	541478	13.74%	0.918%
82	14.065	1989	1994	2001	rBV2	102733	249790	6.34%	0.424%
83	14.148	2002	2008	2010	rVV2	1338303	2117528	53.72%	3.590%
84	14.171	2010	2012	2019	rVB	838375	990511	25.13%	1.679%
85	14.271	2027	2029	2031	rBV	138158	103320	2.62%	0.175%
86	14.530	2071	2073	2077	rVB	191223	184527	4.68%	0.313%
87	14.571	2077	2080	2084	rBV2	131380	198357	5.03%	0.336%
88	14.659	2093	2095	2097	rBV	136016	114714	2.91%	0.194%
89	14.895	2133	2135	2140	rVB	163620	169662	4.30%	0.288%
90	15.224	2187	2191	2194	rBV	469777	790985	20.07%	1.341%
91	15.336	2207	2210	2216	rVB	150755	202794	5.15%	0.344%
92	15.548	2242	2246	2252	rVB	301964	411966	10.45%	0.698%
93	15.612	2253	2257	2261	rBV	465219	686427	17.42%	1.164%
94	15.683	2265	2269	2272	rVV	455513	570429	14.47%	0.967%
95	17.259	2532	2537	2547	rVB3	145230	398268	10.10%	0.675%

Sum of corrected areas: 58981170

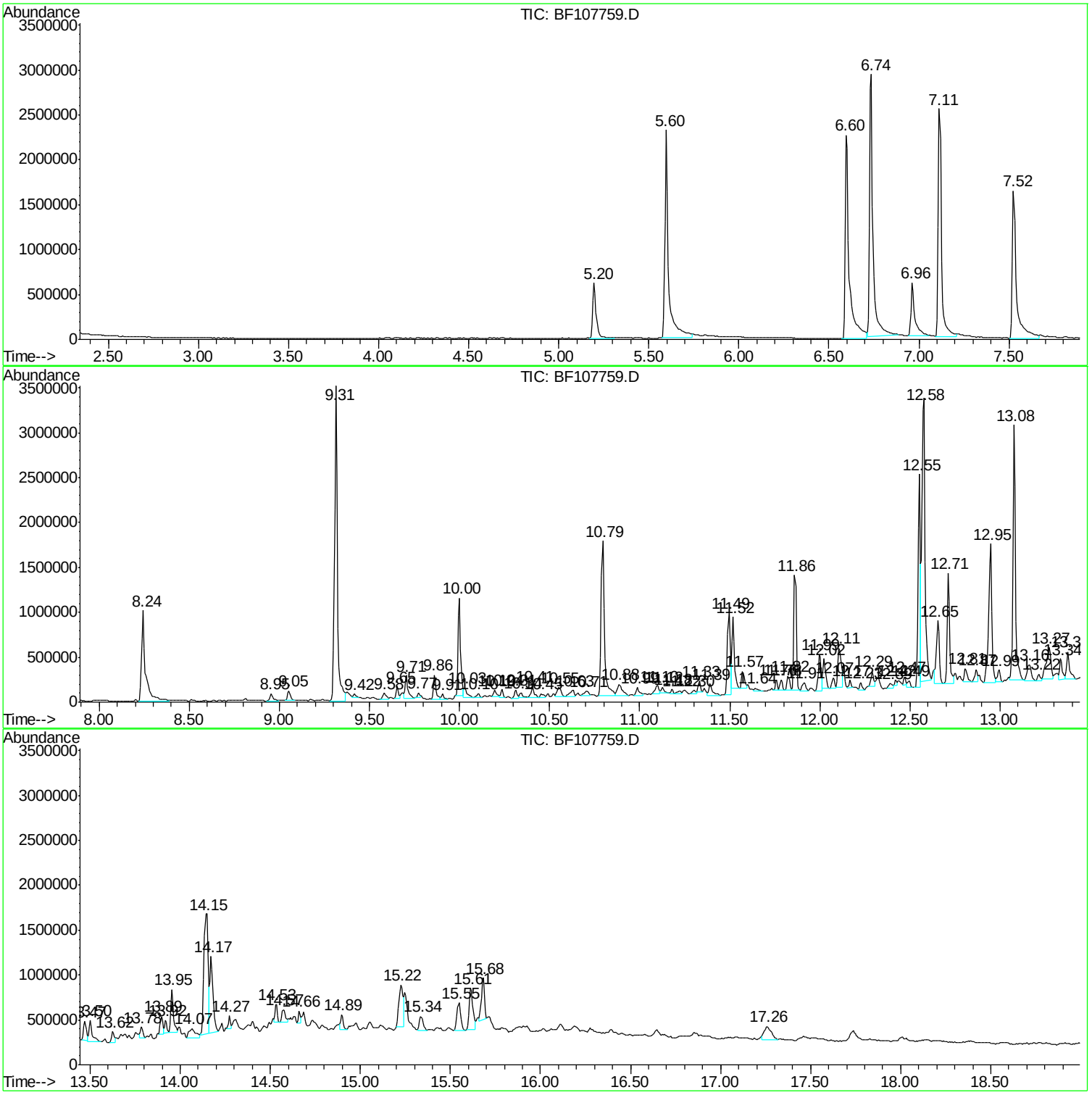
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107759.D
Acq On : 27 Jul 2018 21:16
Operator : JU/SJ
Sample : J4121-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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\BF072718\
Data File : BF107759.D
Acq On : 27 Jul 2018 21:16
Operator : JU/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

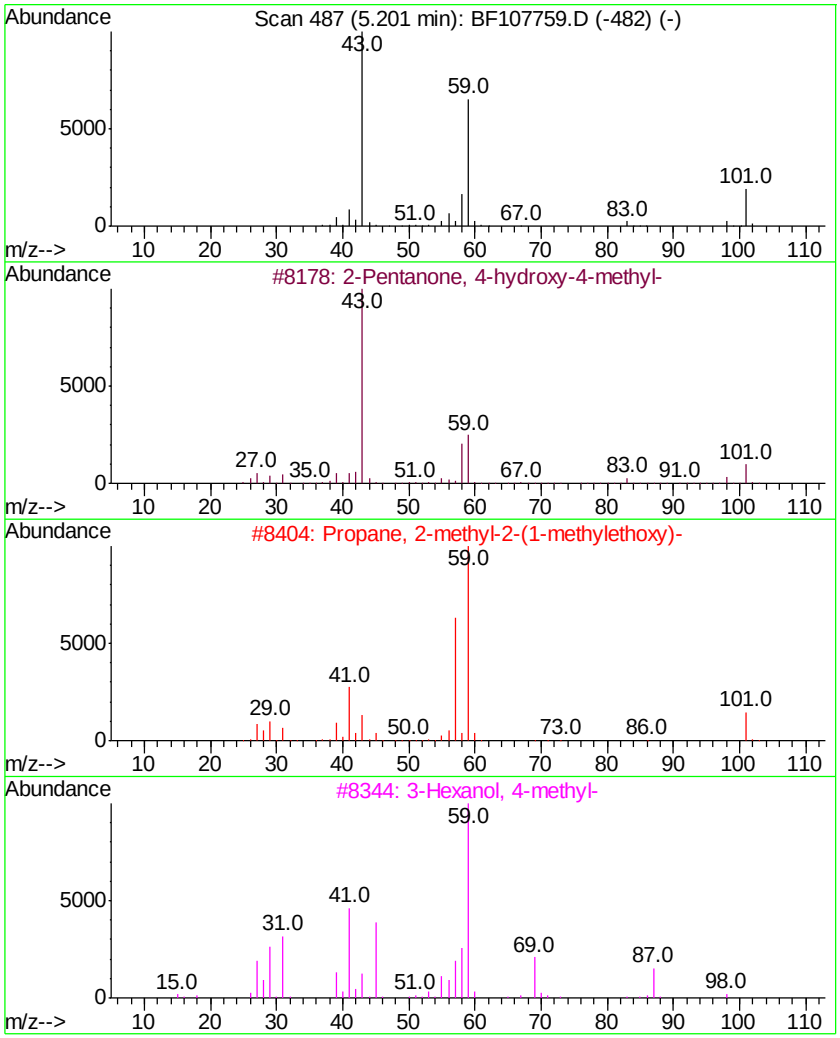
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

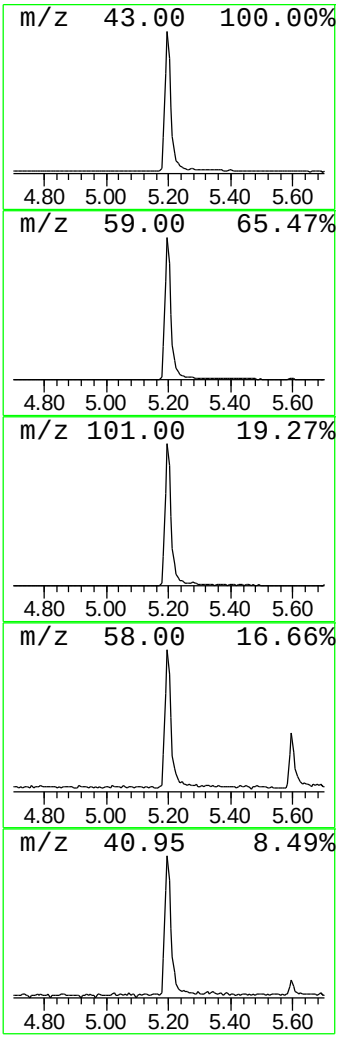
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	18.56 ng	842822	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107759.D
Acq On : 27 Jul 2018 21:16
Operator : JU/SJ
Sample : J4121-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

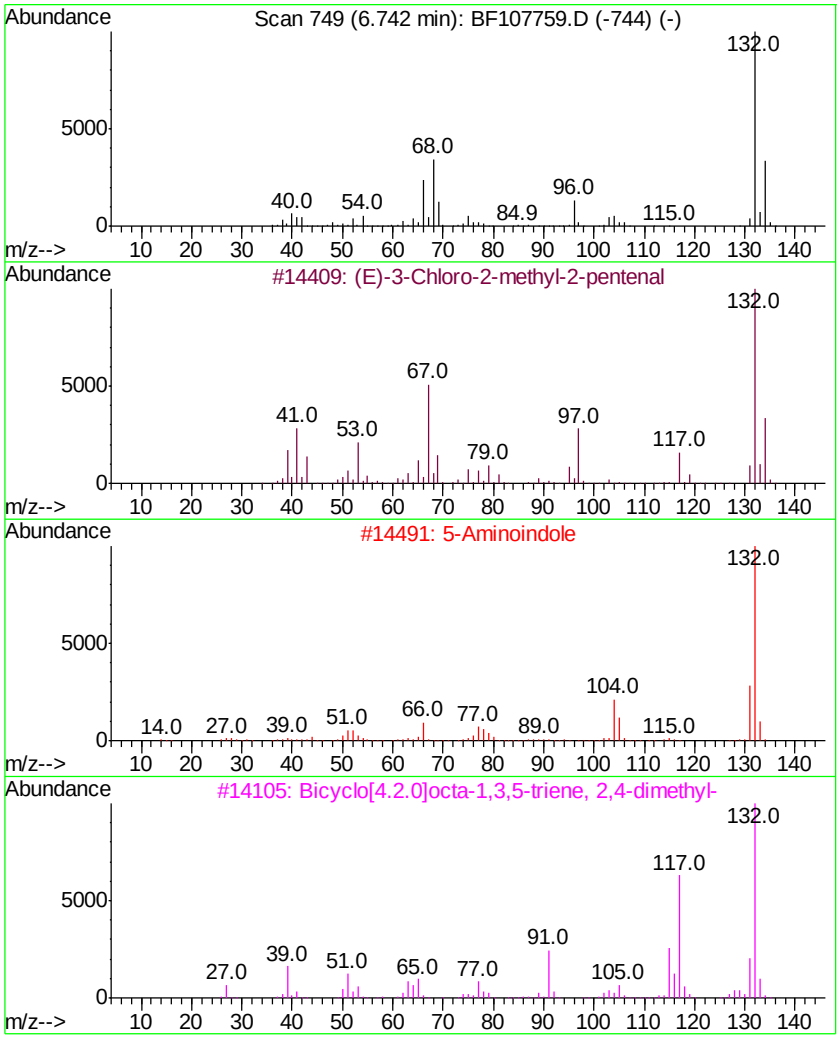
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

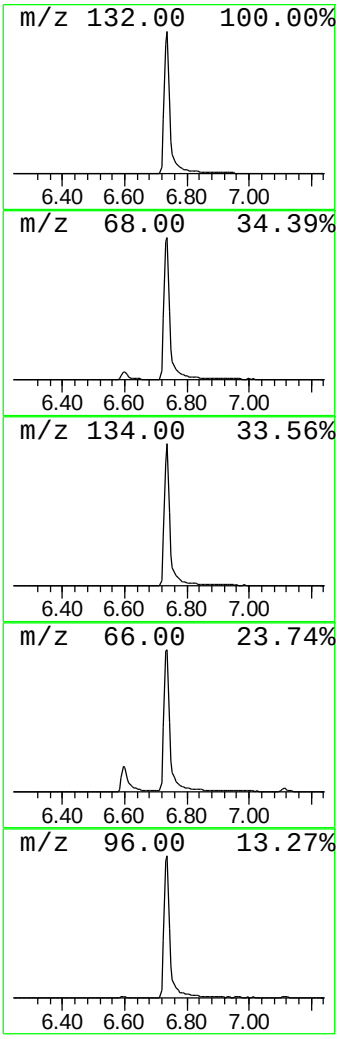
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	86.80 ng	3941470	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Acq On : 27 Jul 2018 21:16
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Instrument : BNA_F
ClientSampleId : SB-7(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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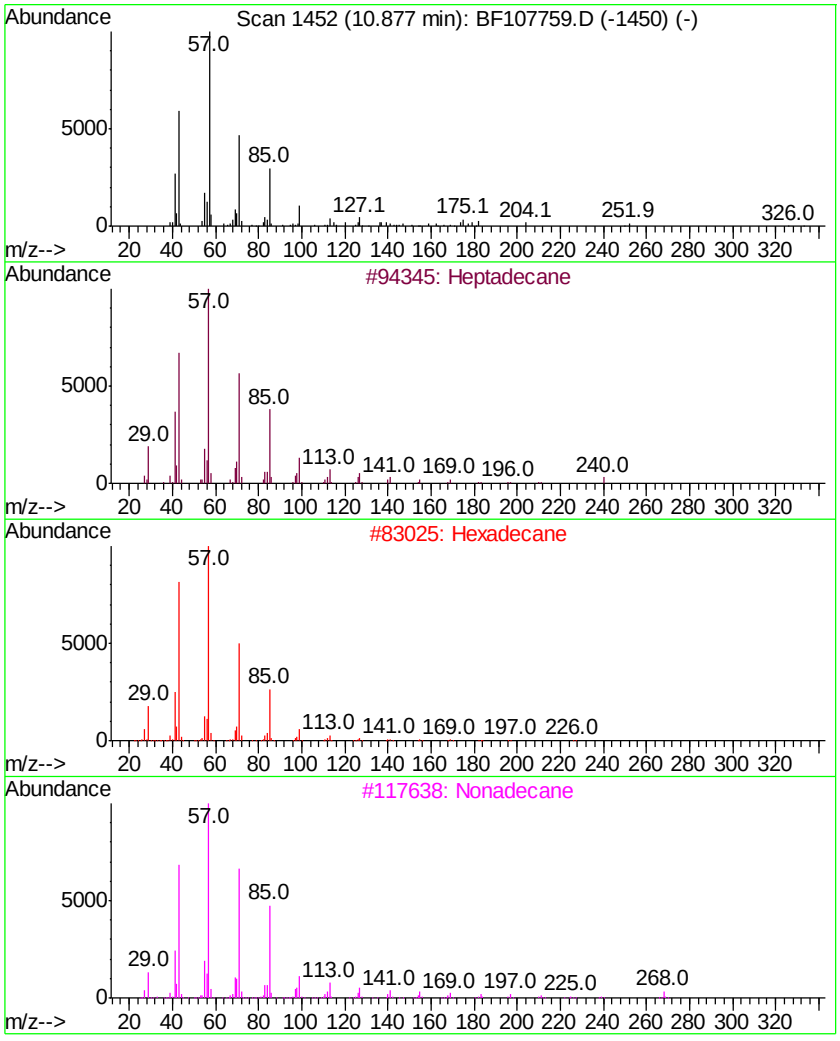
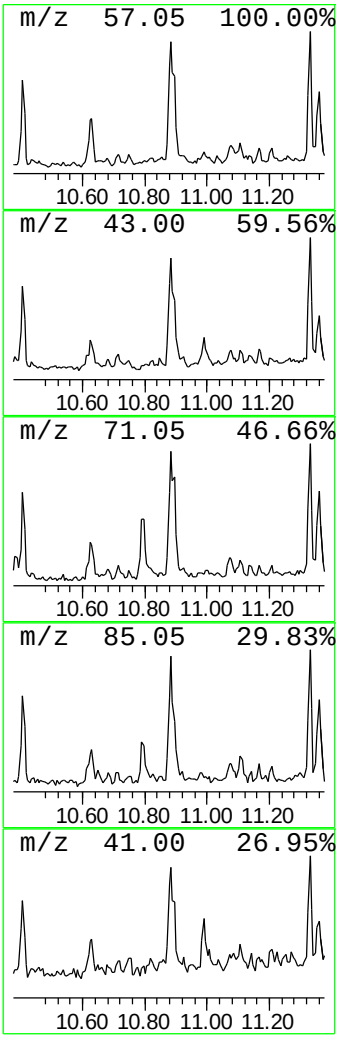
Peak Number 4 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	5.18 ng	246705	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Nonadecane	268	C19H40	000629-92-5	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78





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Data File : BF107759.D
Acq On : 27 Jul 2018 21:16
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Sample : J4121-07
Misc :
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Instrument : BNA_F
ClientSampleId : SB-7(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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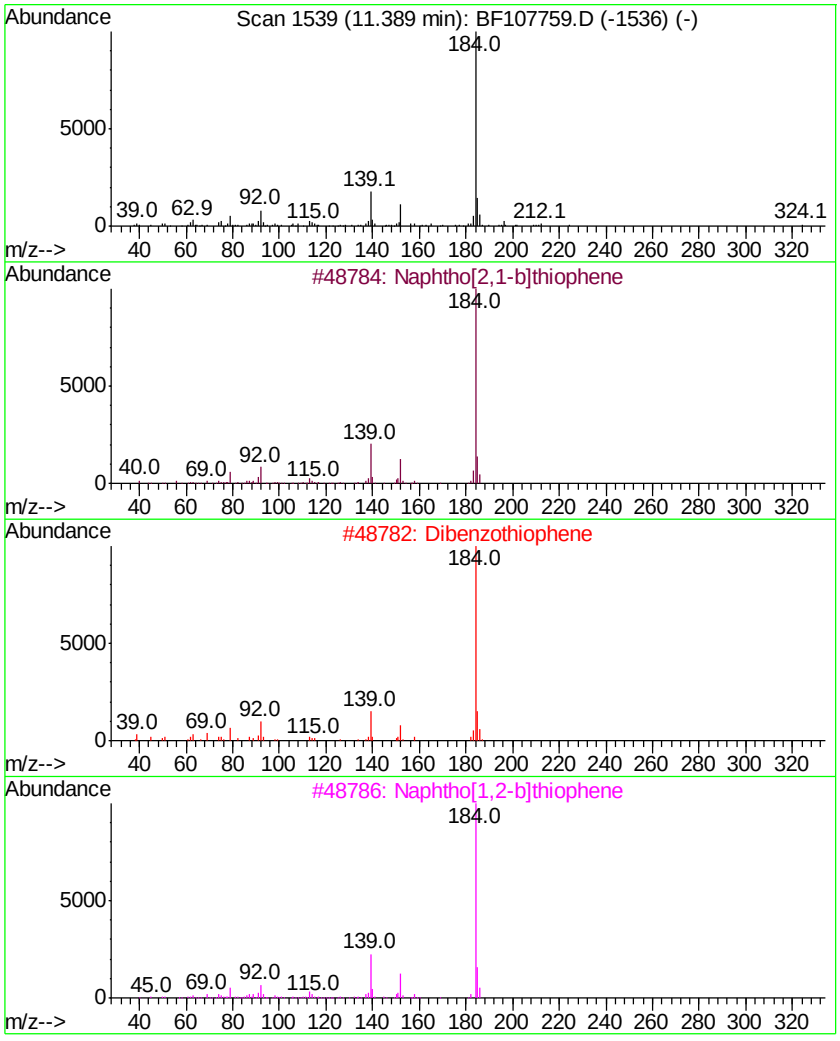
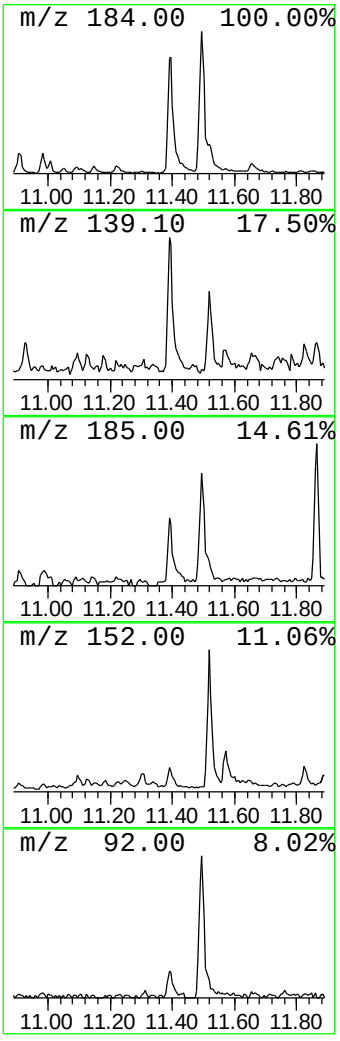
Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	4.01 ng	191014	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107759.D
Acq On : 27 Jul 2018 21:16
Operator : JU/SJ
Sample : J4121-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

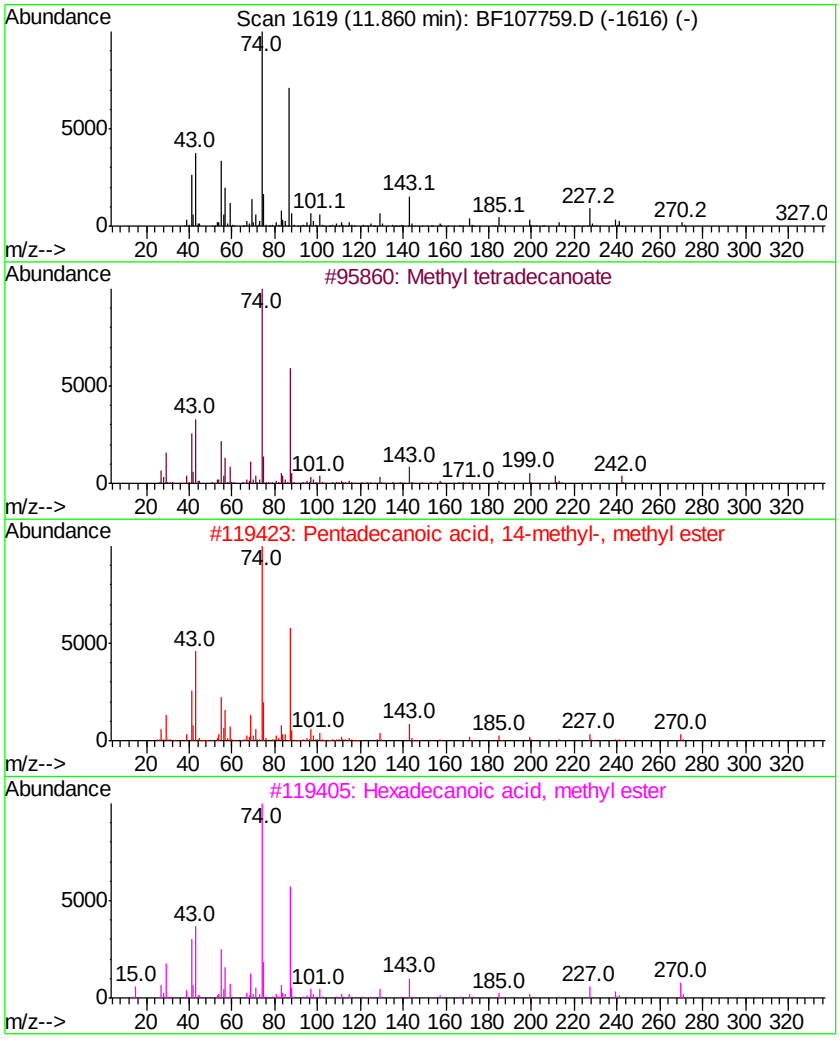
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

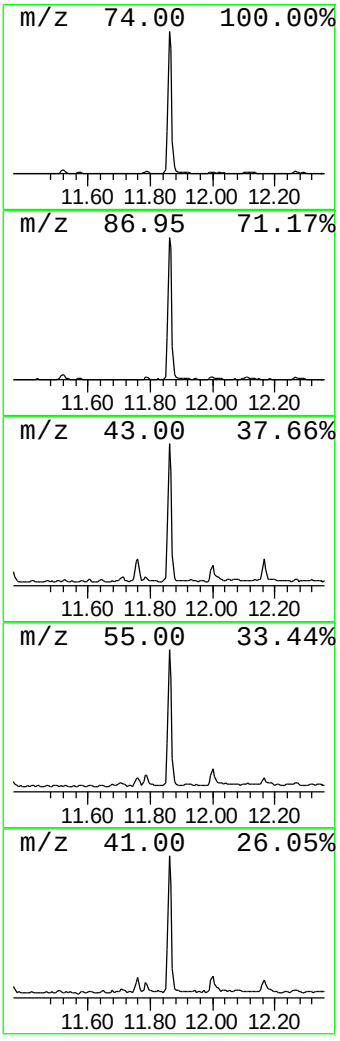
****

Peak Number 6 Methyl tetradecanoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	23.77 ng	1132720	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80





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Acq On : 27 Jul 2018 21:16
Operator : JU/SJ
Sample : J4121-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(3-5)

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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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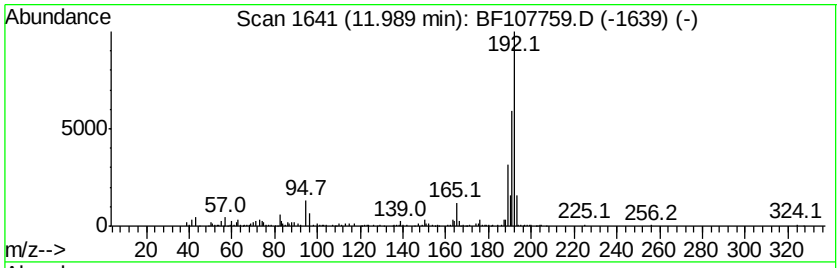
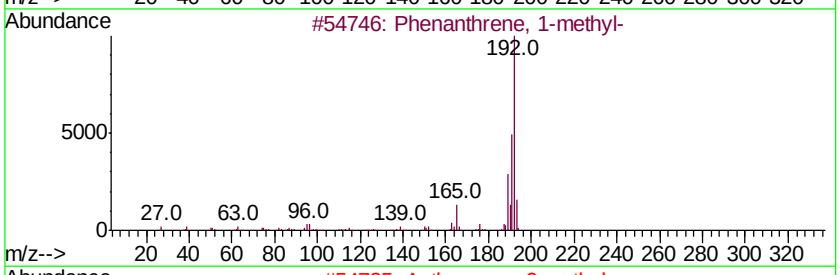
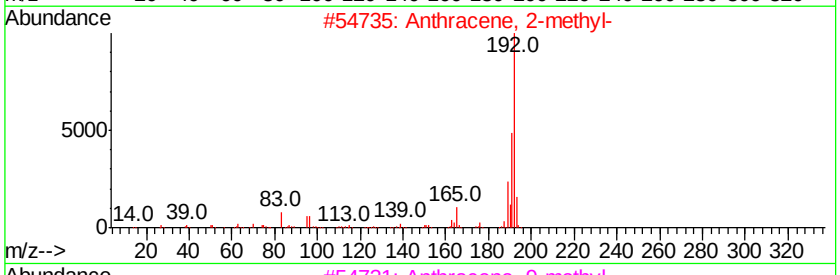
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 10

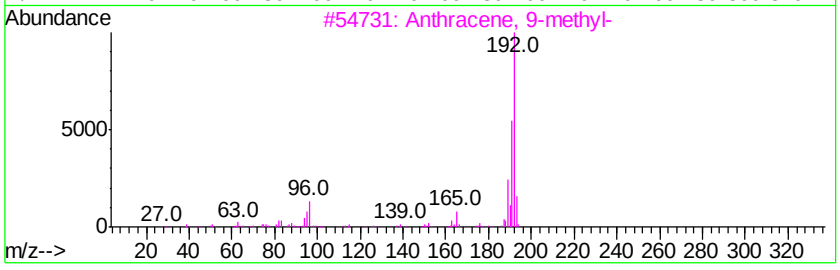
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	9.86 ng	469988	Phenanthrene-d10	11.49

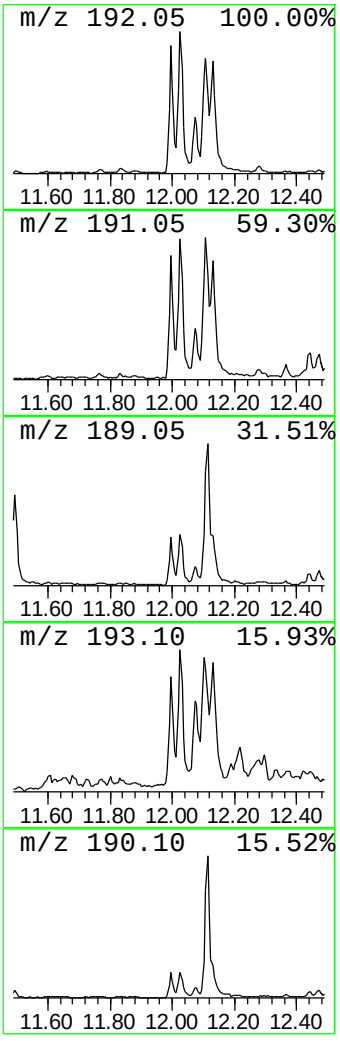
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91











Library Search Compound Report

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Sample : J4121-07
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ClientSampleId : SB-7(3-5)

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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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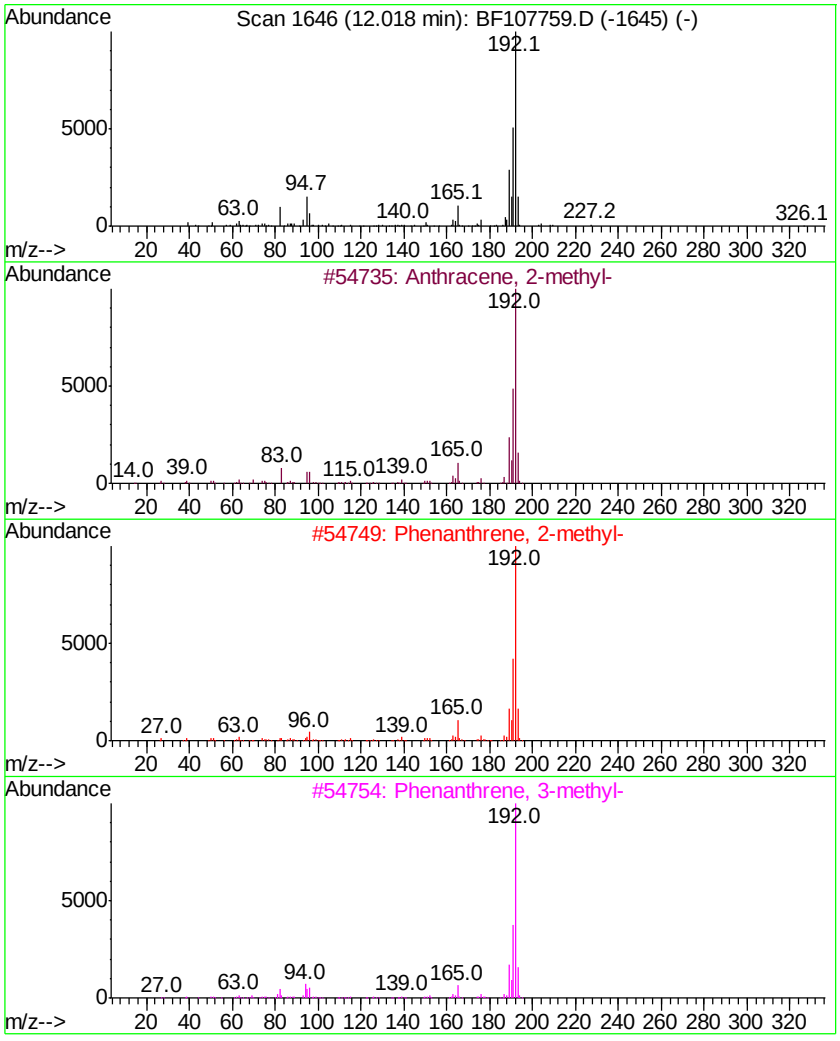
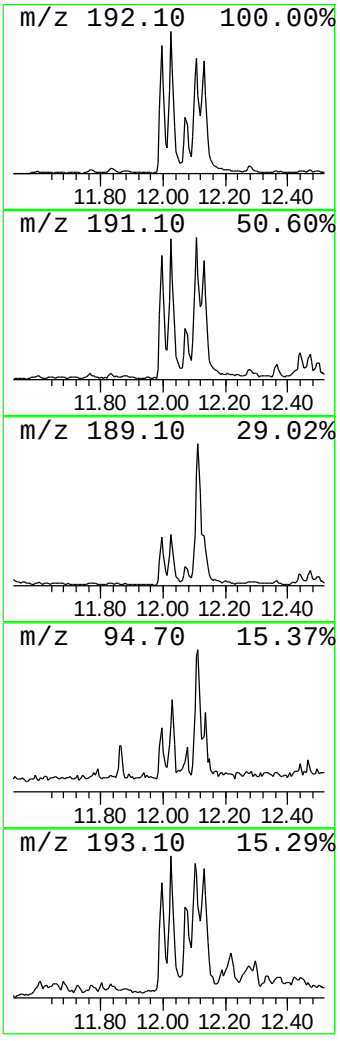
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	6.94 ng	330614	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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ClientSampleId : SB-7(3-5)

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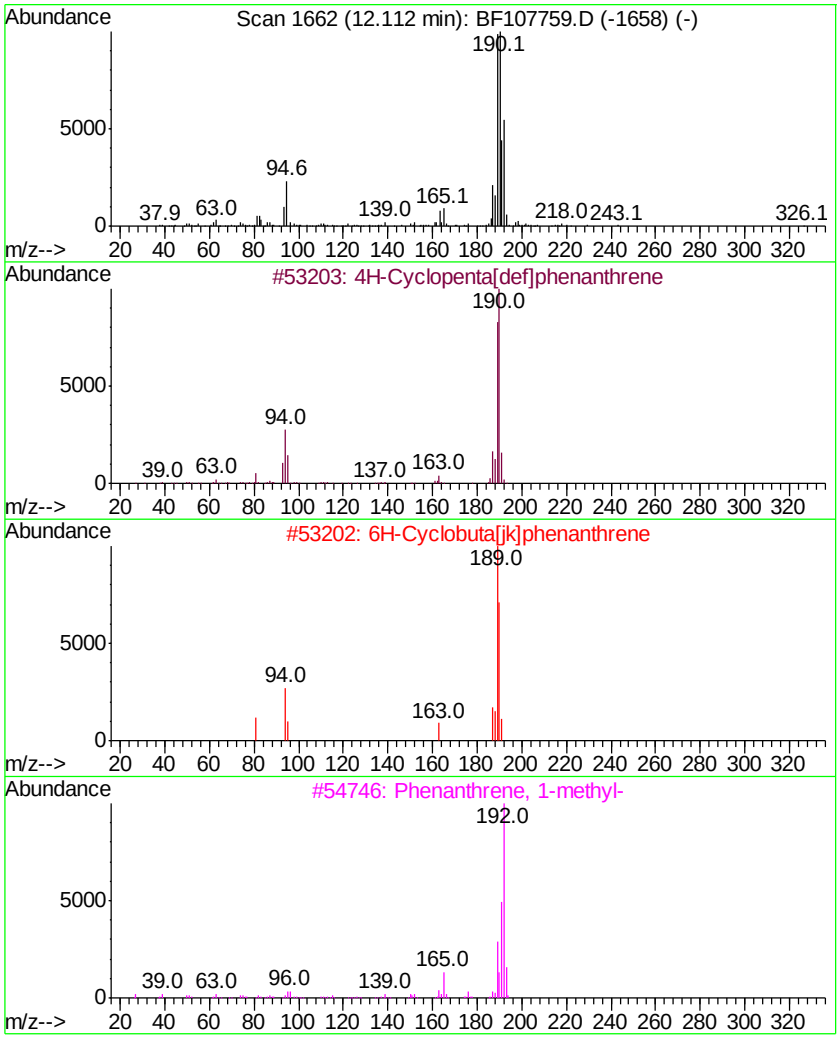
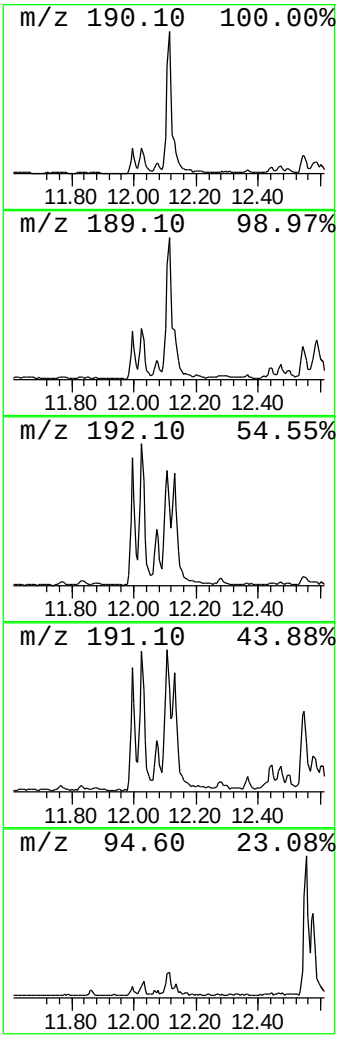
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	11.76 ng	560272	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	43





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

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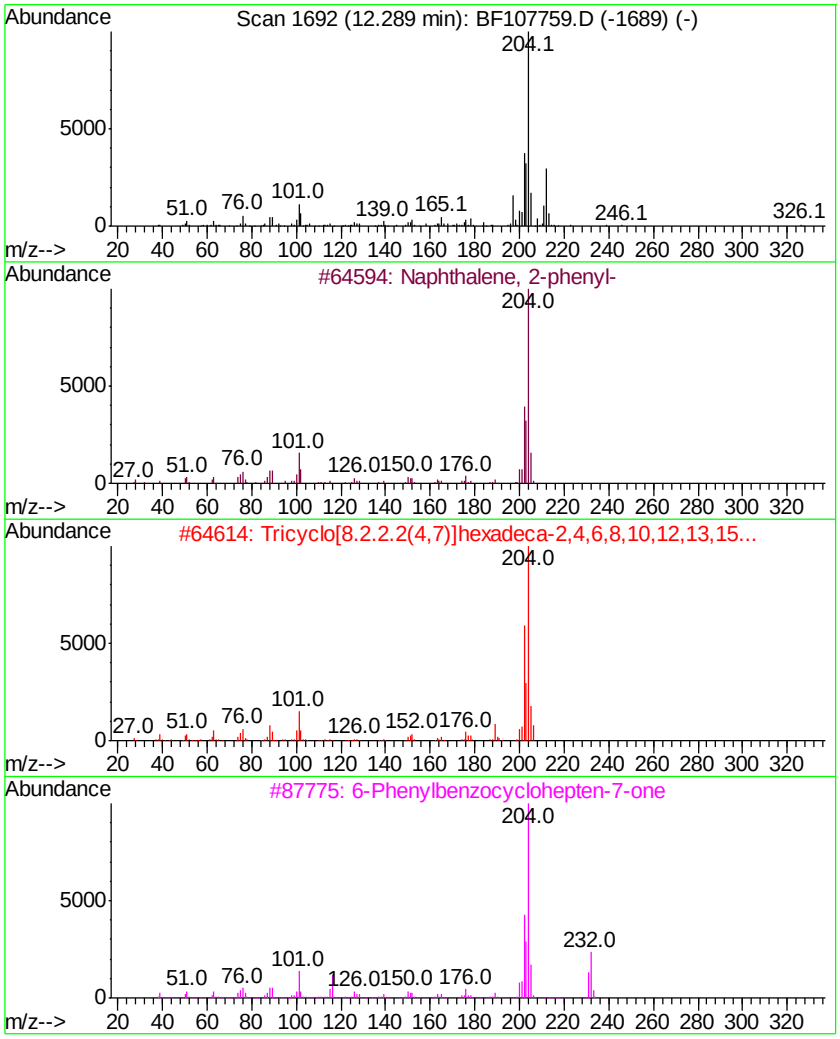
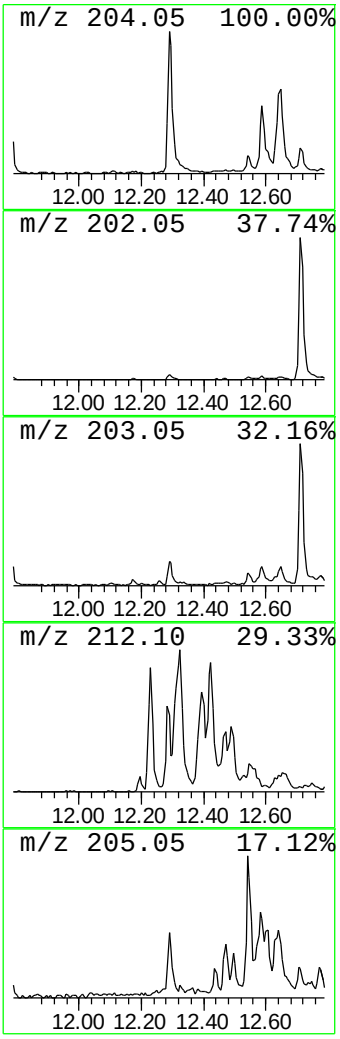
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.01 ng	191103	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	58
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	58
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	50





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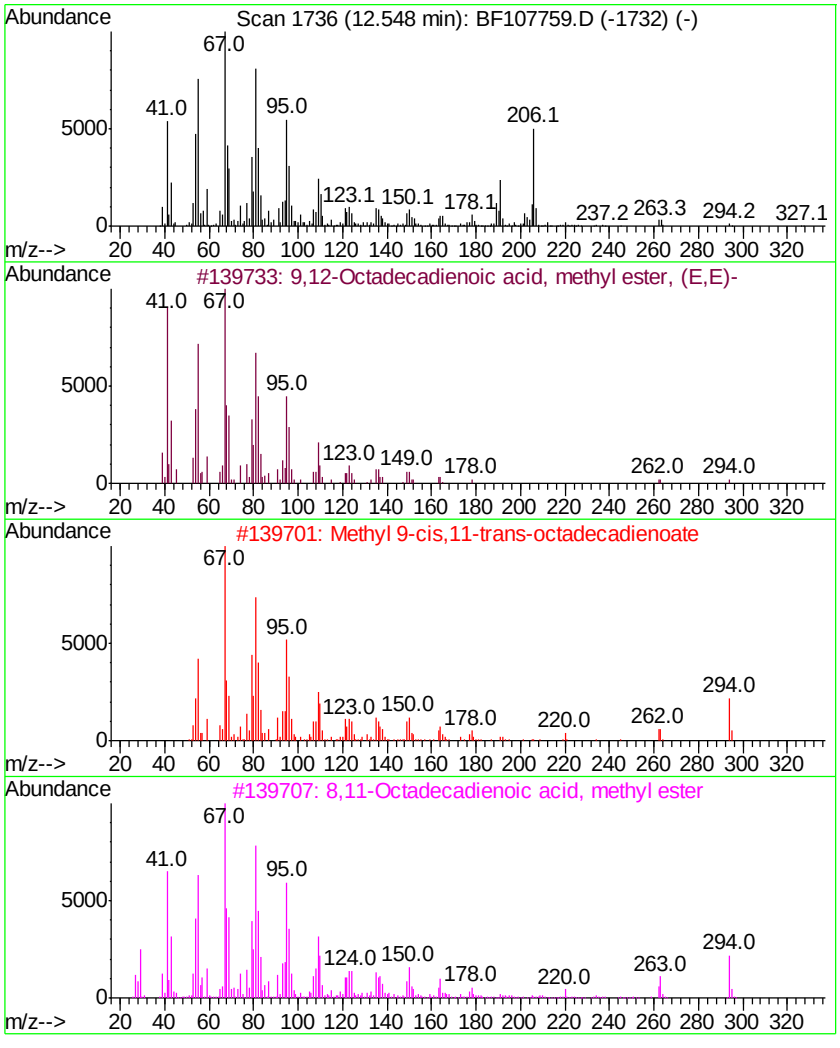
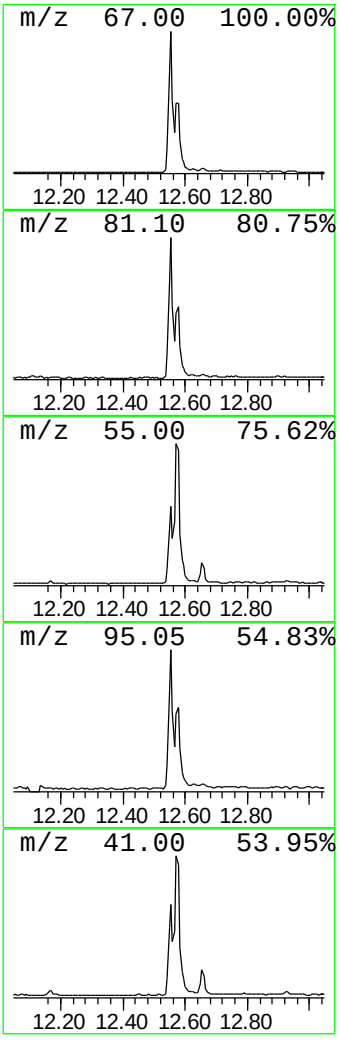
Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	46.96 ng	2237710	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methv...	294	C19H34O2	002566-97-4	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	8,11-Octadecadienoic acid, methv...	294	C19H34O2	056599-58-7	98
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	95
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95





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

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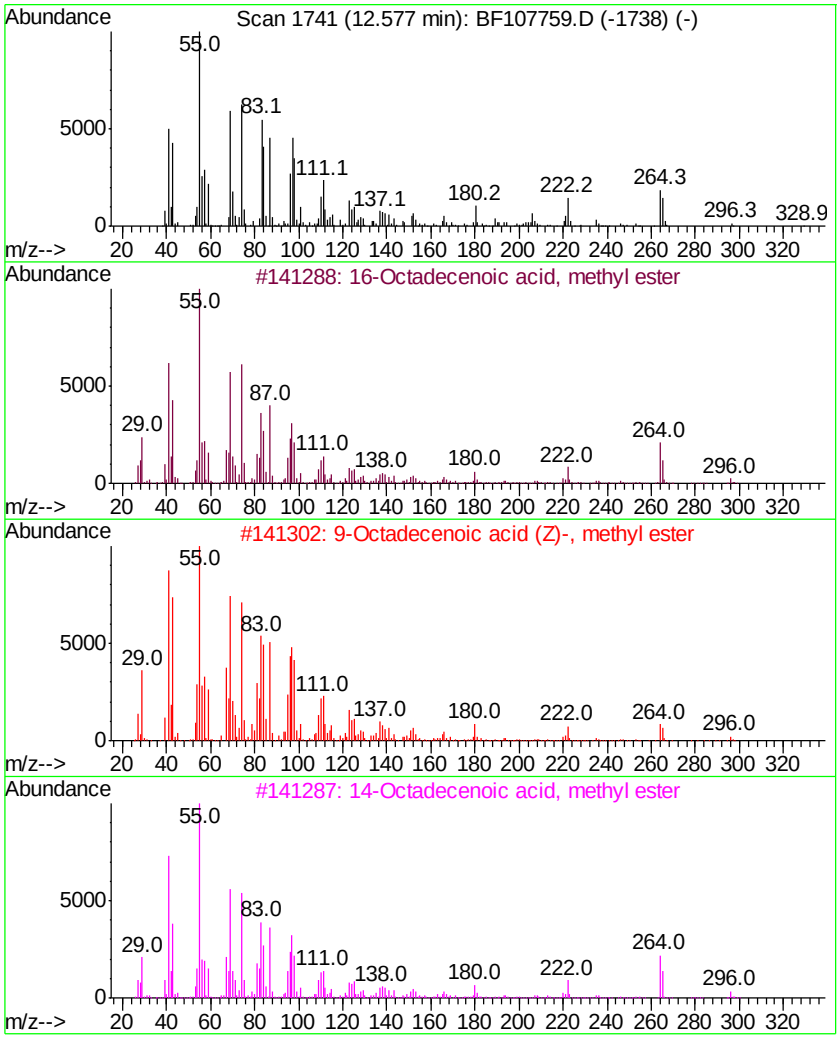
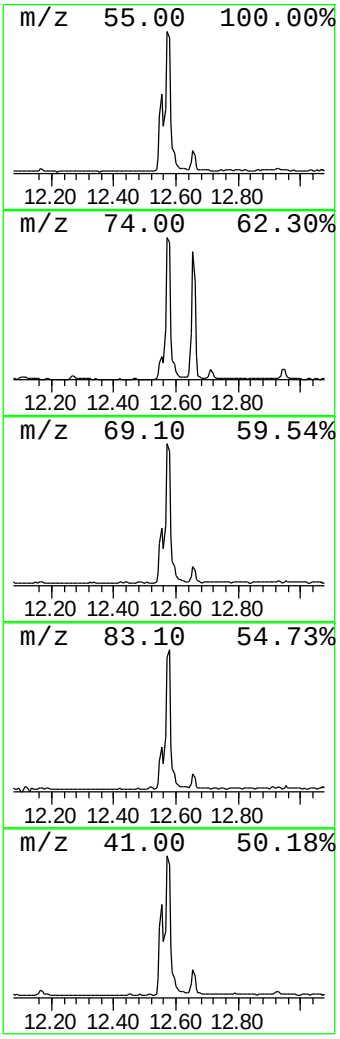
Peak Number 12 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	76.51 ng	3646160	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	97
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91





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Instrument : BNA_F
ClientSampleId : SB-7(3-5)

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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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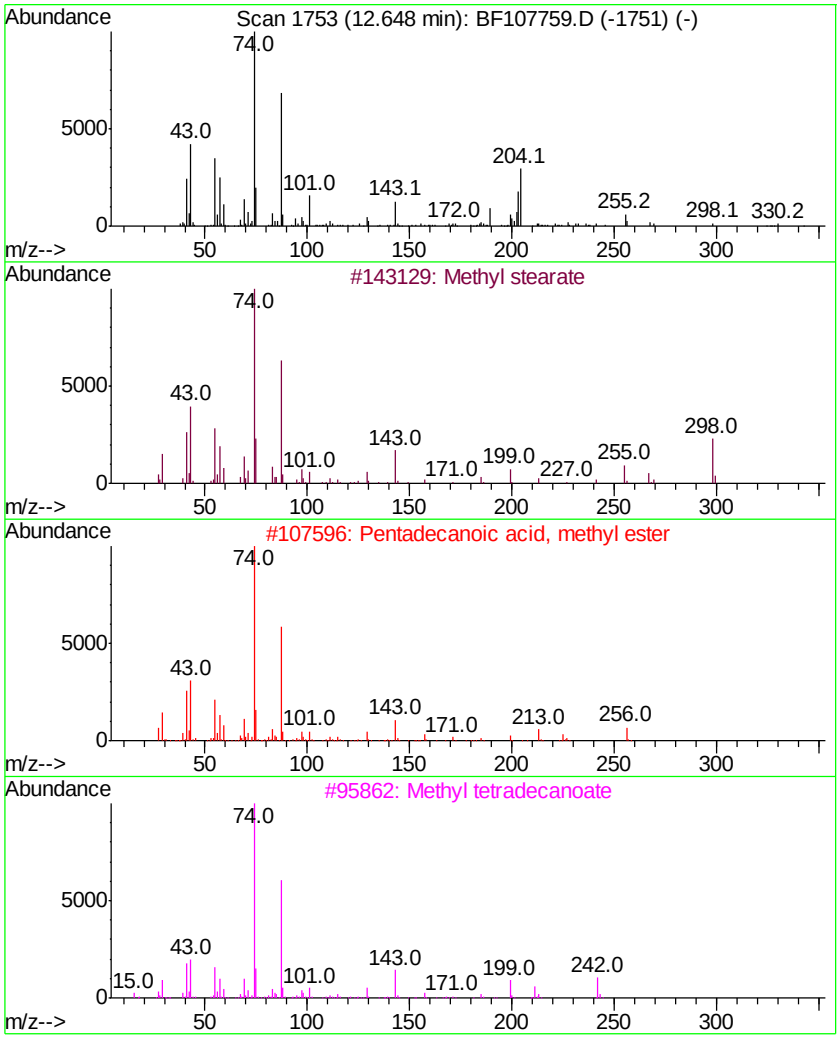
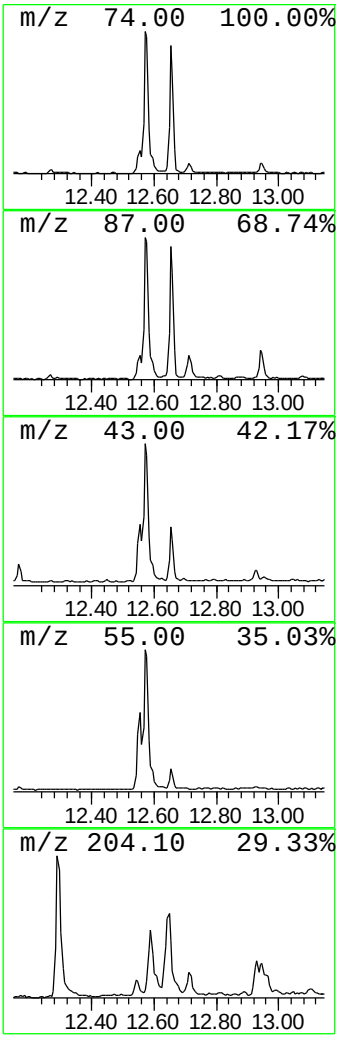
Peak Number 13 Methyl stearate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	15.23 ng	725667	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	96
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	86
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	83





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

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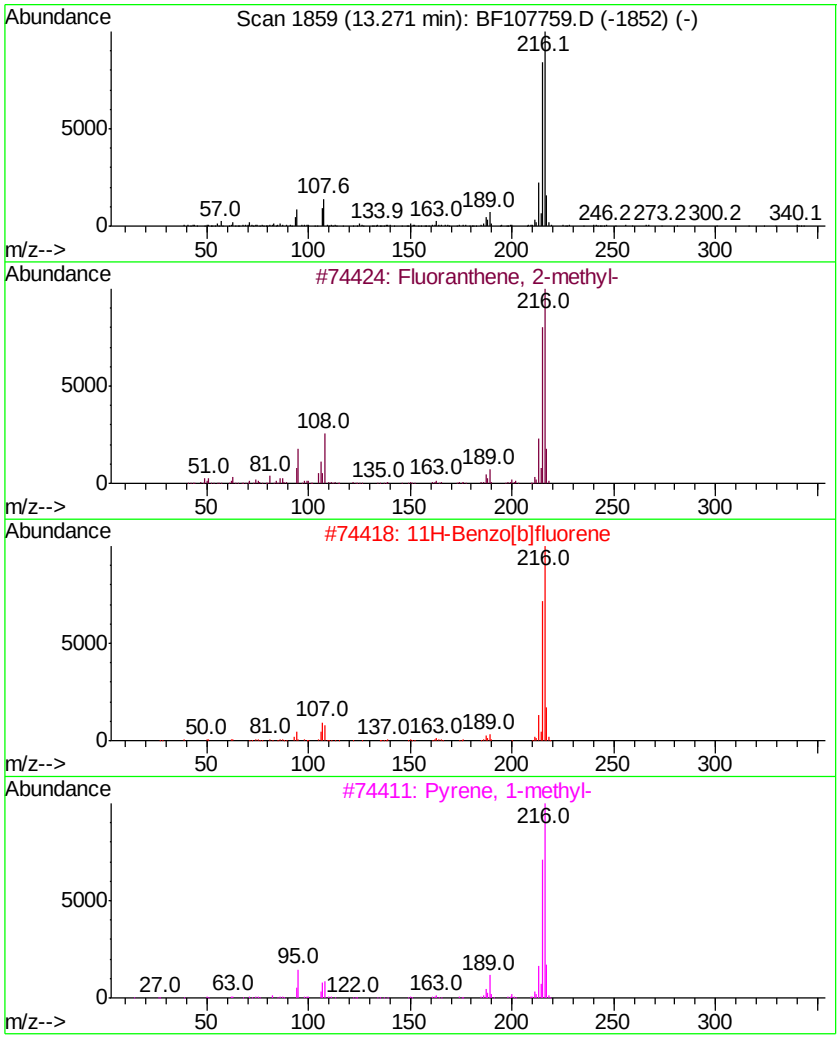
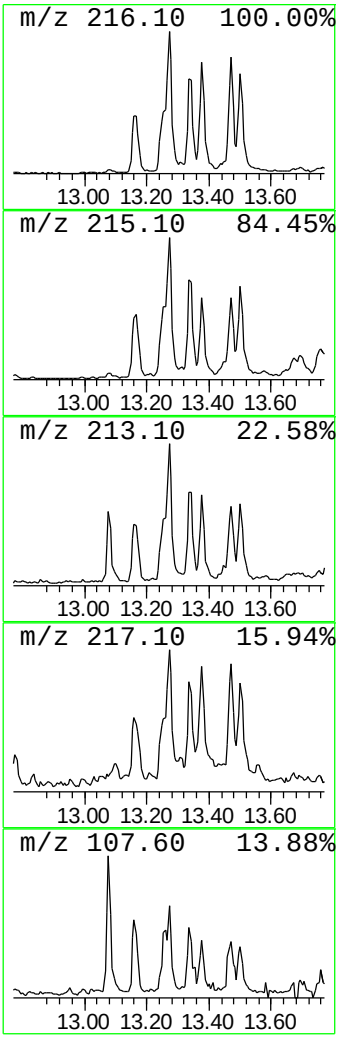
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	6.00 ng	634960	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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ClientSampleId : SB-7(3-5)

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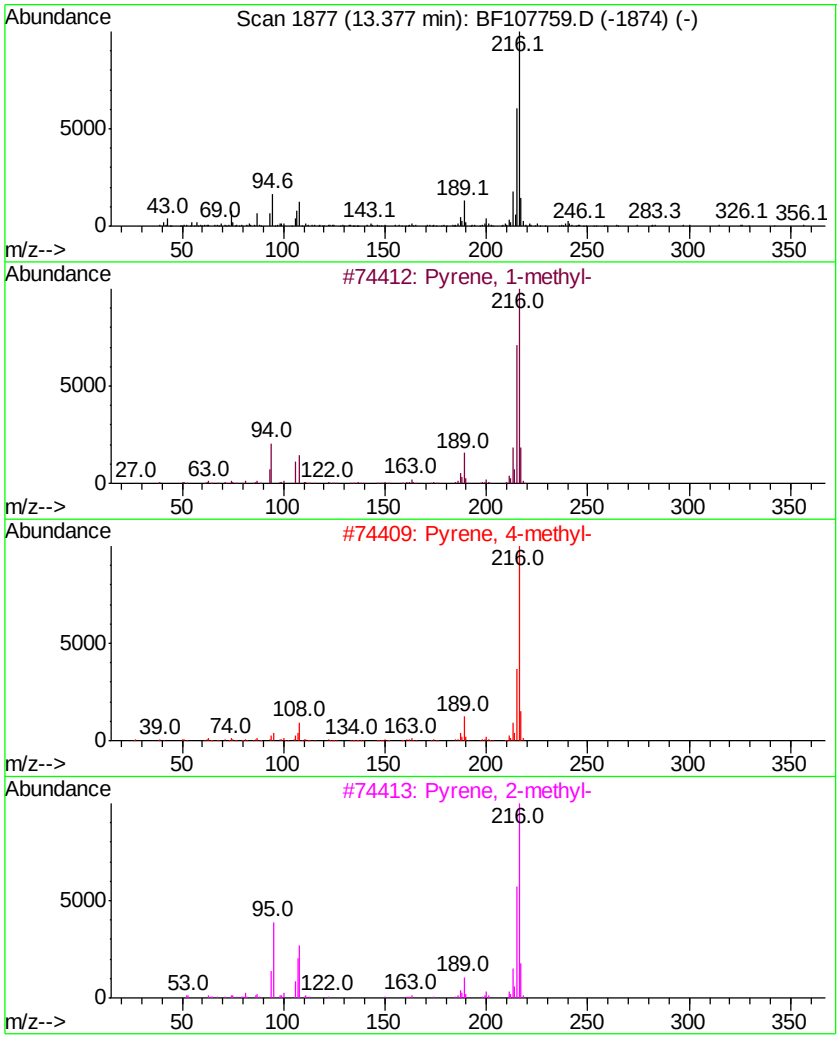
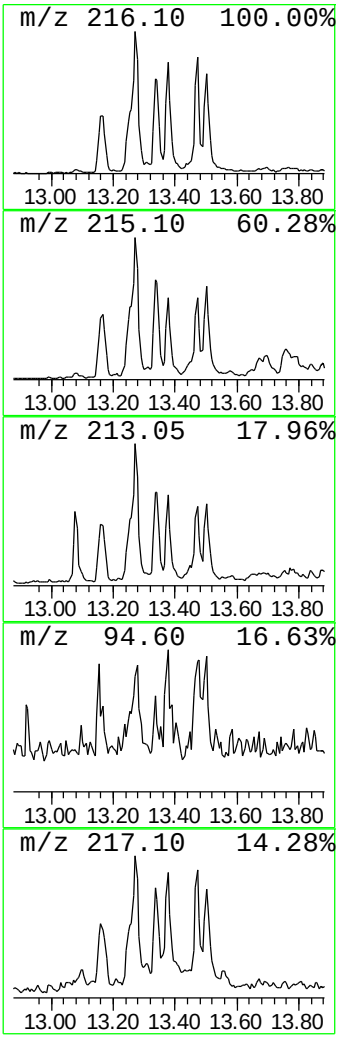
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	3.59 ng	379678	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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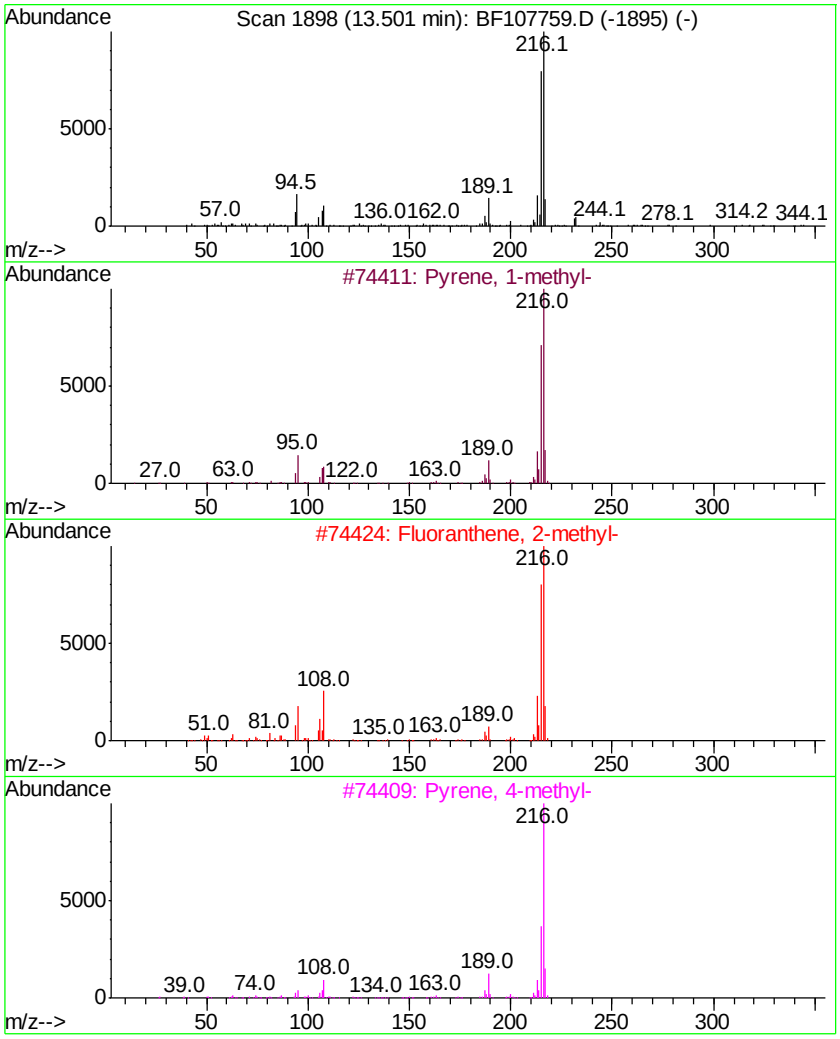
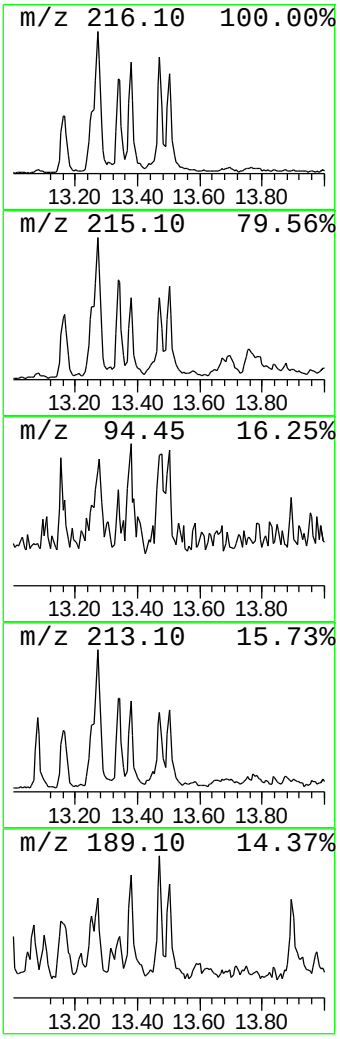
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	3.21 ng	339973	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	78
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72





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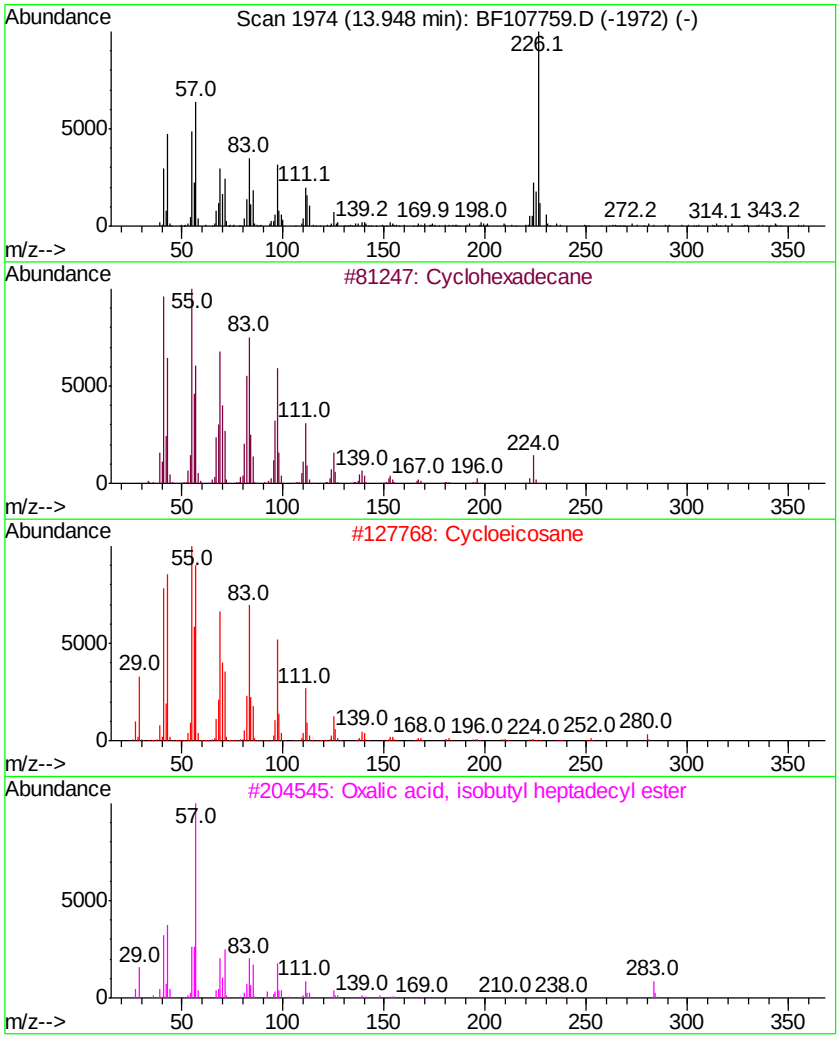
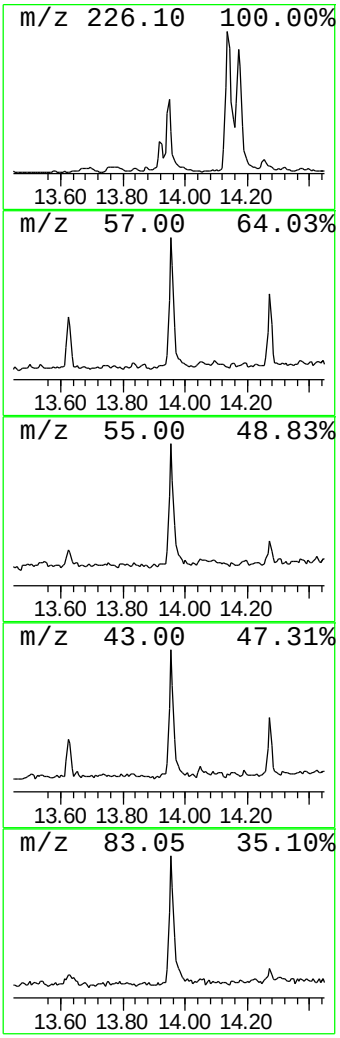
Peak Number 18 Cyclohexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	5.11 ng	541478	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	90
2	Cycloeicosane	280	C20H40	000296-56-0	86
3	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	76
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107759.D
Acq On : 27 Jul 2018 21:16
Operator : JU/SJ
Sample : J4121-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

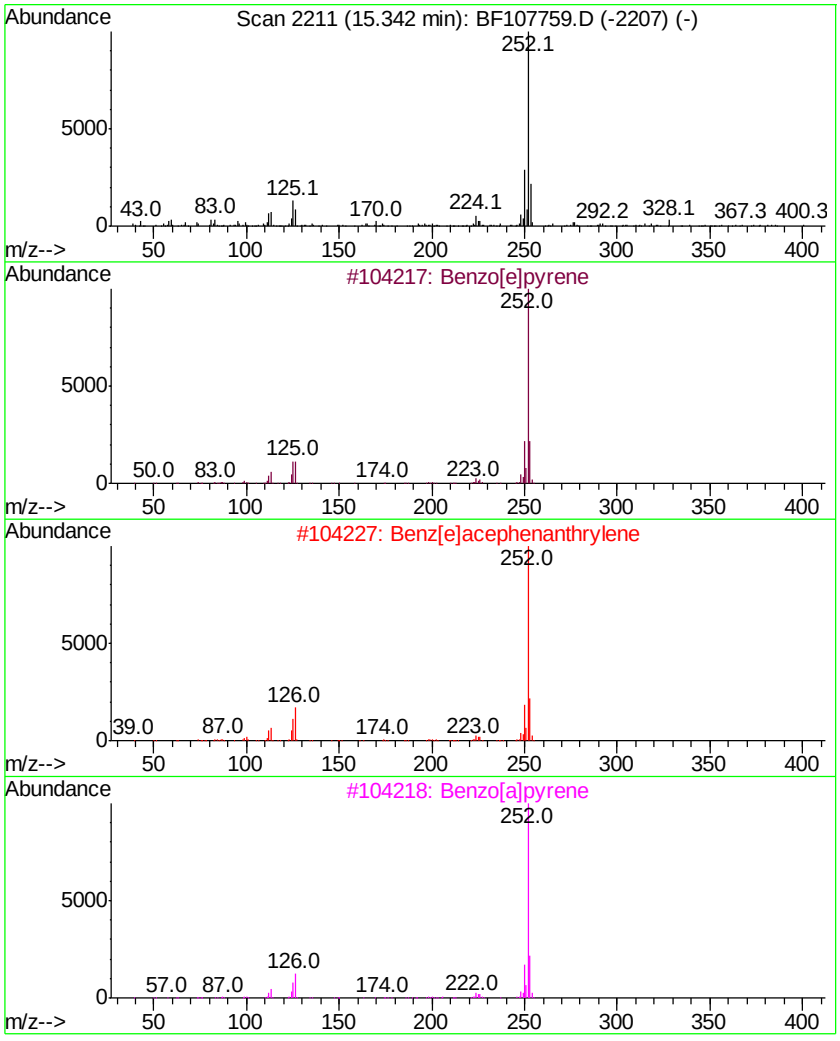
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

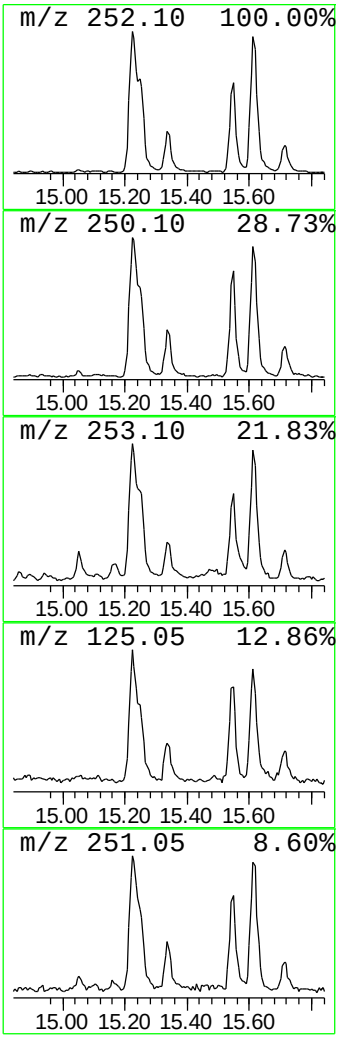
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	7.11 ng	202794	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Perylene	252	C20H12	000198-55-0	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107759.D
Acq On : 27 Jul 2018 21:16
Operator : JU/SJ
Sample : J4121-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

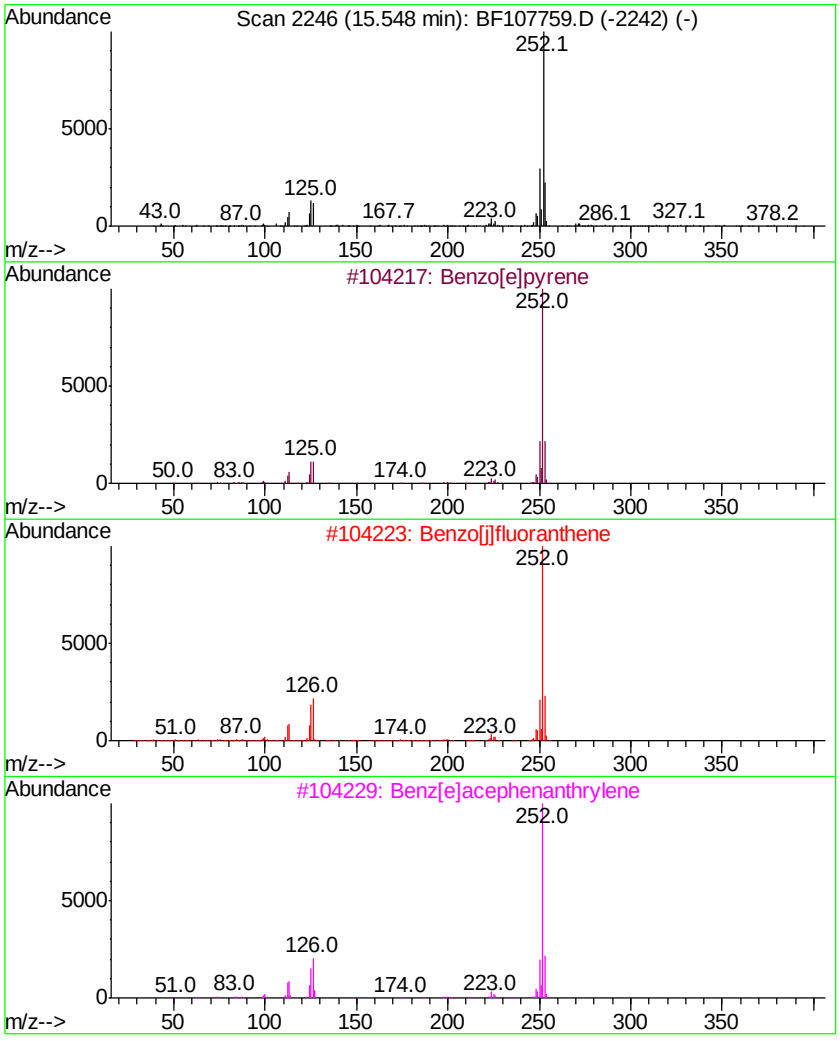
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

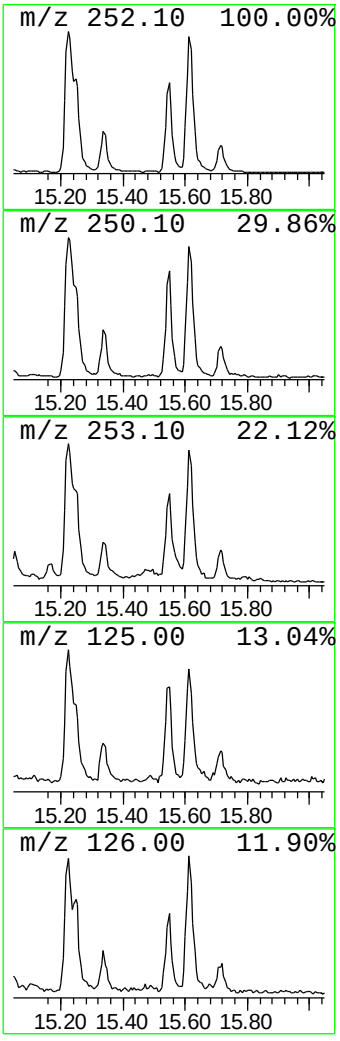
****

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	14.44 ng	411966	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107759.D
Acq On : 27 Jul 2018 21:16
Operator : JU/SJ
Sample : J4121-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(3-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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...	5.20	18.6	ng	842822	1	6.96	908158	20.0
unknown6.74	6.74	86.8	ng	3941470	1	6.96	908158	20.0
Heptadecane	10.88	5.2	ng	246705	4	11.49	953120	20.0
Naphtho[2,1-b]thi...	11.39	4.0	ng	191014	4	11.49	953120	20.0
Methyl tetradecan...	11.86	23.8	ng	1132720	4	11.49	953120	20.0
Phenanthrene, 1-m...	11.99	9.9	ng	469988	4	11.49	953120	20.0
Anthracene, 2-met...	12.02	6.9	ng	330614	4	11.49	953120	20.0
4H-Cyclopenta[def...	12.11	11.8	ng	560272	4	11.49	953120	20.0
Naphthalene, 2-ph...	12.29	4.0	ng	191103	4	11.49	953120	20.0
9,12-Octadecadien...	12.55	47.0	ng	2237710	4	11.49	953120	20.0
16-Octadecenoic a...	12.58	76.5	ng	3646160	4	11.49	953120	20.0
Methyl stearate	12.65	15.2	ng	725667	4	11.49	953120	20.0
Fluoranthene, 2-m...	13.27	6.0	ng	634960	5	14.15	2117530	20.0
Pyrene, 1-methyl-	13.38	3.6	ng	379678	5	14.15	2117530	20.0
Pyrene, 4-methyl-	13.50	3.2	ng	339973	5	14.15	2117530	20.0
Cyclohexadecane	13.95	5.1	ng	541478	5	14.15	2117530	20.0
Benzo[e]pyrene	15.34	7.1	ng	202794	6	15.68	570429	20.0
Benzo[j]fluoranthene	15.55	14.4	ng	411966	6	15.68	570429	20.0