LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107760.D
Acq On : 27 Jul 2018 21:43
Operator : JU/SJ
Sample : J4121-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-072318

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	5.201	483	487	504	rBV	447712	638037	15.91%	1.169%
2	5.560	544	548	551	rBV	28710	43870	1.09%	0.080%
3	5.595	551	554	583	rVV	2406245	3513078	87.61%	6.435%
4	6.595	720	724	744	rBV	2226655	3699043	92.25%	6.776%
5	6.736	744	748	771	rVB	3113546	4009929	100.00%	7.345%
6	6.960	783	786	796	rBV	612632	886578	22.11%	1.624%
7	7.113	808	812	828	rBV	2592977	3198593	79.77%	5.859%
8	7.219	828	830	837	rVB2	46202	62345	1.55%	0.114%
9	7.525	878	882	907	rBV	1576550	2476374	61.76%	4.536%
10	7.972	953	958	964	rBV4	46298	65278	1.63%	0.120%
11	8.201	994	997	1000	rBV	44656	41865	1.04%	0.077%
12	8.242	1000	1004	1006	rBV	987644	993870	24.79%	1.821%
13	8.260	1006	1007	1014	rVB	384270	458128	11.42%	0.839%
14	8.513	1047	1050	1054	rVB4	35195	40170	1.00%	0.074%
15	8.954	1121	1125	1133	rBV2	72748	112117	2.80%	0.205%
16	9.054	1137	1142	1149	rVB	86990	101912	2.54%	0.187%
17	9.313	1181	1186	1202	rBV	3558635	3952799	98.58%	7.241%
18	9.419	1202	1204	1213	rVB2	42613	71566	1.78%	0.131%
19	9.583	1227	1232	1236	rBV3	38745	61152	1.53%	0.112%
20	9.654	1240	1244	1247	rVV	66649	75544	1.88%	0.138%
21	9.707	1250	1253	1261	rVB	190403	192374	4.80%	0.352%
22	9.860	1275	1279	1285	rBV	257537	285411	7.12%	0.523%
23	10.001	1296	1303	1306	rBV	1099051	1170750	29.20%	2.145%
24	10.030	1306	1308	1315	rVB	180689	196405	4.90%	0.360%
25	10.207	1333	1338	1341	rBV2	70132	103674	2.59%	0.190%
26	10.236	1341	1343	1347	rVB3	41977	41305	1.03%	0.076%
27	10.313	1352	1356	1359	rBV2	36067	47062	1.17%	0.086%
28	10.407	1367	1372	1376	rBV	62132	68603	1.71%	0.126%
29	10.548	1393	1396	1403	rVB	180876	209065	5.21%	0.383%
30	10.707	1417	1423	1426	rVB2	46899	54748	1.37%	0.100%
31	10.795	1432	1438	1450	rBV	2005865	2415926	60.25%	4.426%
32	10.883	1450	1453	1458	rVB2	66831	101680	2.54%	0.186%
33	11.101	1483	1490	1492	rBV2	74761	122104	3.05%	0.224%
34	11.124	1492	1494	1500	rVB	39378	46009	1.15%	0.084%

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ClientSampleId : DUP-072318

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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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	11.224	1507	1511	1513	rBV4	30676	40304	1.01%	0.074%
36	11.330	1527	1529	1532	rVV2	78089	72407	1.81%	0.133%
37	11.389	1536	1539	1544	rVB	55735	69524	1.73%	0.127%
38	11.495	1553	1557	1559	rBV	958435	974224	24.30%	1.785%
39	11.519	1559	1561	1567	rVV	1022813	1104177	27.54%	2.023%
40	11.571	1567	1570	1580	rVB	362000	497190	12.40%	0.911%
41	11.736	1595	1598	1600	rBV	43836	48757	1.22%	0.089%
42	11.760	1600	1602	1604	rVB	55365	40316	1.01%	0.074%
43	12.001	1638	1643	1645	rBV2	289890	346693	8.65%	0.635%
44	12.024	1645	1647	1653	rVV	257068	288521	7.20%	0.529%
45	12.071	1653	1655	1658	rVV	116970	127643	3.18%	0.234%
46	12.113	1658	1662	1669	rVV2	415056	617192	15.39%	1.131%
47	12.171	1669	1672	1675	rVV3	42081	44014	1.10%	0.081%
48	12.289	1689	1692	1696	rBV	131571	155471	3.88%	0.285%
49	12.471	1721	1723	1726	rBV2	54357	50681	1.26%	0.093%
50	12.548	1733	1736	1739	rBV2	160561	196776	4.91%	0.360%
51	12.718	1761	1765	1773	rBV	2109474	2124884	52.99%	3.892%
52	12.813	1778	1781	1787	rVB	181884	208087	5.19%	0.381%
53	12.865	1788	1790	1792	rBV2	45080	43085	1.07%	0.079%
54	12.948	1797	1804	1809	rVV	1731106	2119111	52.85%	3.882%
55	12.989	1809	1811	1817	rVB	130057	153030	3.82%	0.280%
56	13.077	1821	1826	1836	rVV	2896800	3178813	79.27%	5.823%
57	13.160	1836	1840	1845	rVB3	150572	257977	6.43%	0.473%
58	13.271	1856	1859	1864	rVB2	422554	511949	12.77%	0.938%
59	13.336	1867	1870	1873	rBV	360488	373056	9.30%	0.683%
60	13.377	1873	1877	1880	rVB2	188017	224309	5.59%	0.411%
61	13.471	1890	1893	1895	rBV	119198	122977	3.07%	0.225%
62	13.501	1895	1898	1907	rVB2	151964	221159	5.52%	0.405%
63	13.624	1916	1919	1921	rBV2	94937	91788	2.29%	0.168%
64	13.754	1938	1941	1944	rBV4	85704	125530	3.13%	0.230%
65	13.783	1944	1946	1950	rVB	88690	111293	2.78%	0.204%
66	13.895	1962	1965	1967	rBV	130080	130243	3.25%	0.239%
67	13.918	1967	1969	1972	rVV	189380	189557	4.73%	0.347%
68	13.954	1972	1975	1981	rVB4	322112	408079	10.18%	0.748%
69	14.142	2002	2007	2011	rBV2	1603883	2716710	67.75%	4.977%
70	14.171	2011	2012	2019	rVB	1039430	1000983	24.96%	1.834%
71	14.254	2024	2026	2027	rBV	90819	72621	1.81%	0.133%

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72	14.271	2027	2029	2031	rVV	124591	100876	2.52%	0.185%
73	14.301	2031	2034	2039	rVB3	109828	157281	3.92%	0.288%
74	14.495	2065	2067	2068	rBV	67238	55916	1.39%	0.102%
75	14.530	2071	2073	2077	rVB	231980	241506	6.02%	0.442%
76	14.659	2093	2095	2097	rBV2	106780	100653	2.51%	0.184%
77	14.683	2097	2099	2104	rVB	205040	187770	4.68%	0.344%
78	14.895	2133	2135	2139	rVB	179541	175155	4.37%	0.321%
79	15.054	2159	2162	2166	rBV2	93184	108870	2.72%	0.199%
80	15.224	2186	2191	2194	rBV	763008	1324942	33.04%	2.427%
81	15.336	2207	2210	2222	rVB	237794	381226	9.51%	0.698%
82	15.548	2242	2246	2253	rVB	382752	583715	14.56%	1.069%
83	15.612	2253	2257	2262	rBV	651018	999665	24.93%	1.831%
84	15.683	2265	2269	2272	rBV	464455	610376	15.22%	1.118%
85	16.106	2338	2341	2345	rVB	94845	125513	3.13%	0.230%
86	17.259	2531	2537	2546	rVB3	198024	511816	12.76%	0.938%
87	17.736	2612	2618	2626	rBV2	122743	308955	7.70%	0.566%

Sum of corrected areas: 54590730

LSC Report - Integrated Chromatogram

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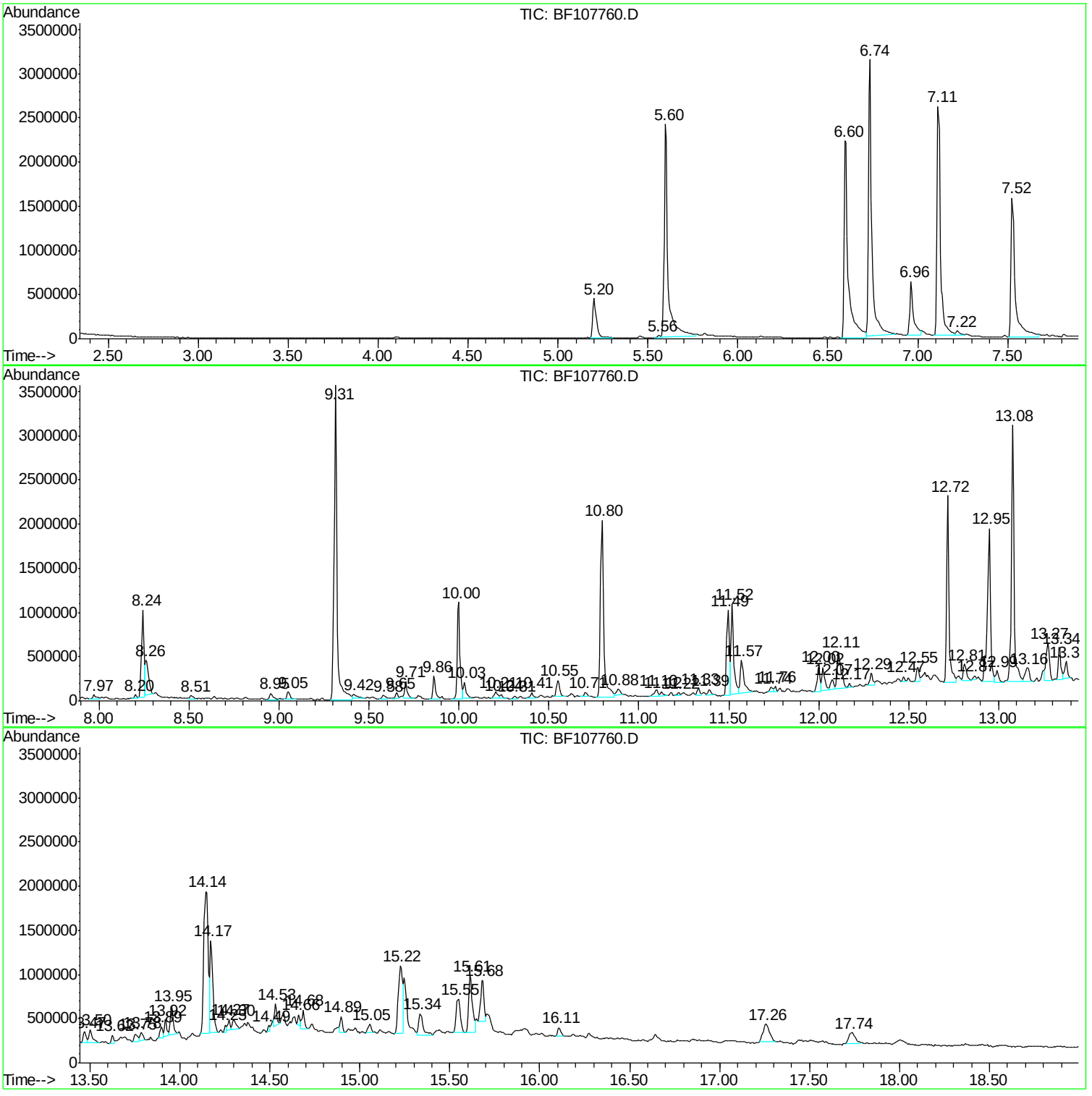
Instrument :
BNA_F
ClientSampleId :
DUP-072318

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 : BF107760.D
Acq On : 27 Jul 2018 21:43
Operator : JU/SJ
Sample : J4121-09
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Instrument : BNA_F
ClientSampleId : DUP-072318

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

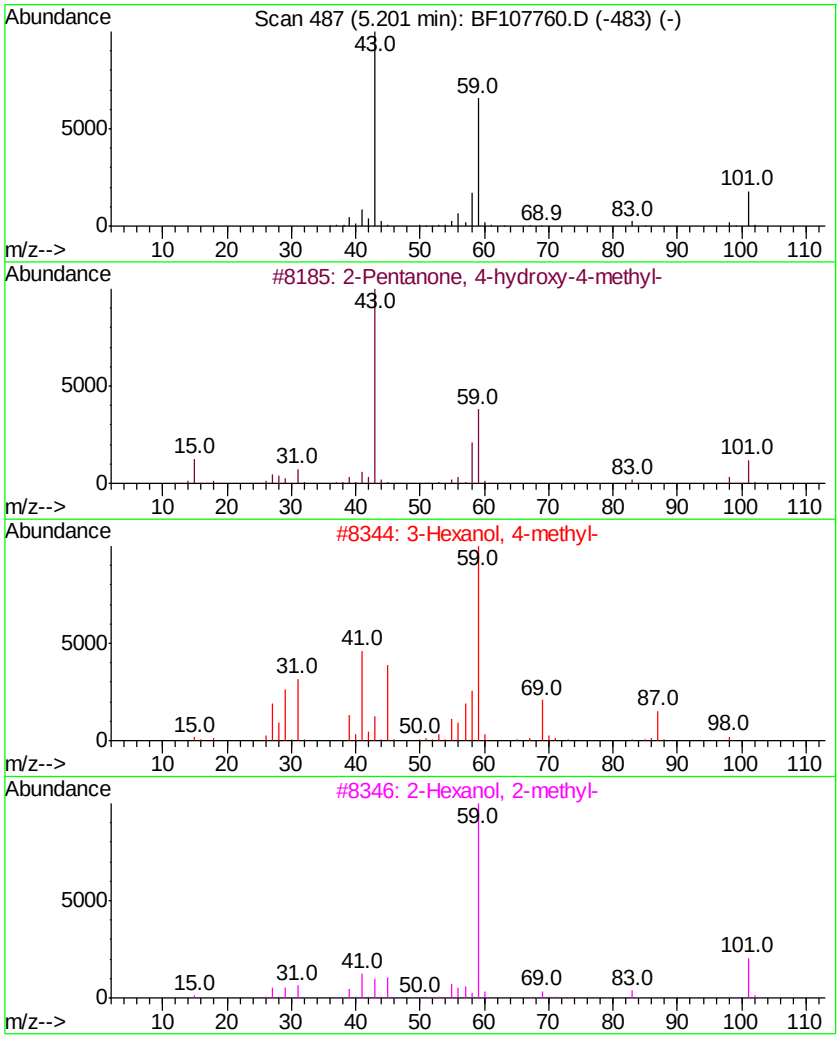
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

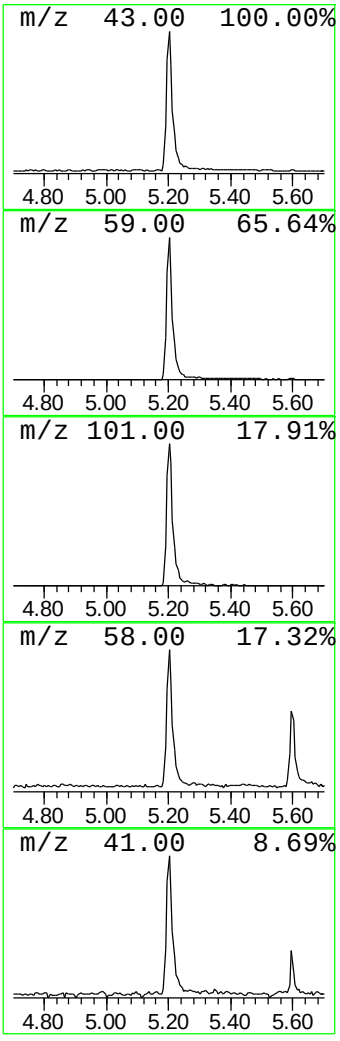
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	14.39 ng	638037	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	53
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Misc :
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Instrument : BNA_F
ClientSampleId : DUP-072318

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

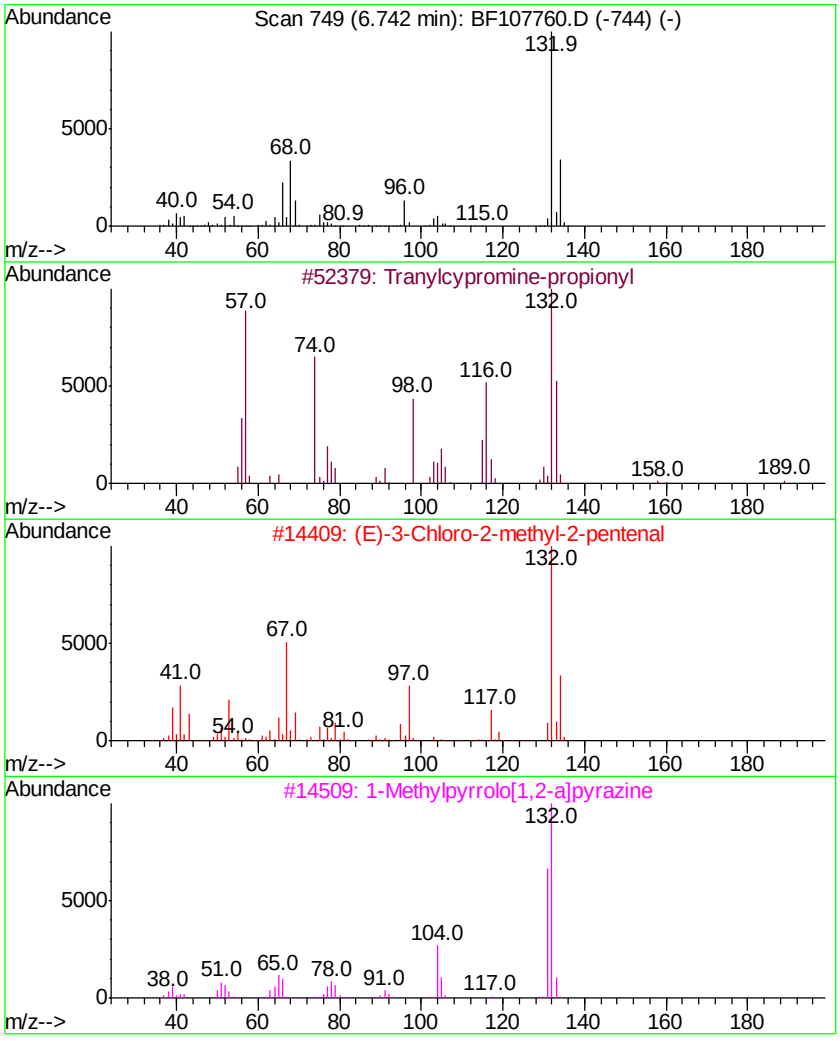
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

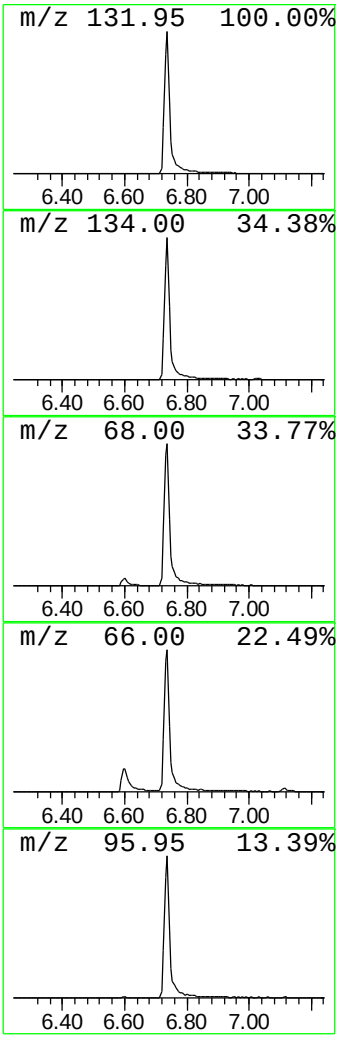
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	90.46 ng	4009930	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	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





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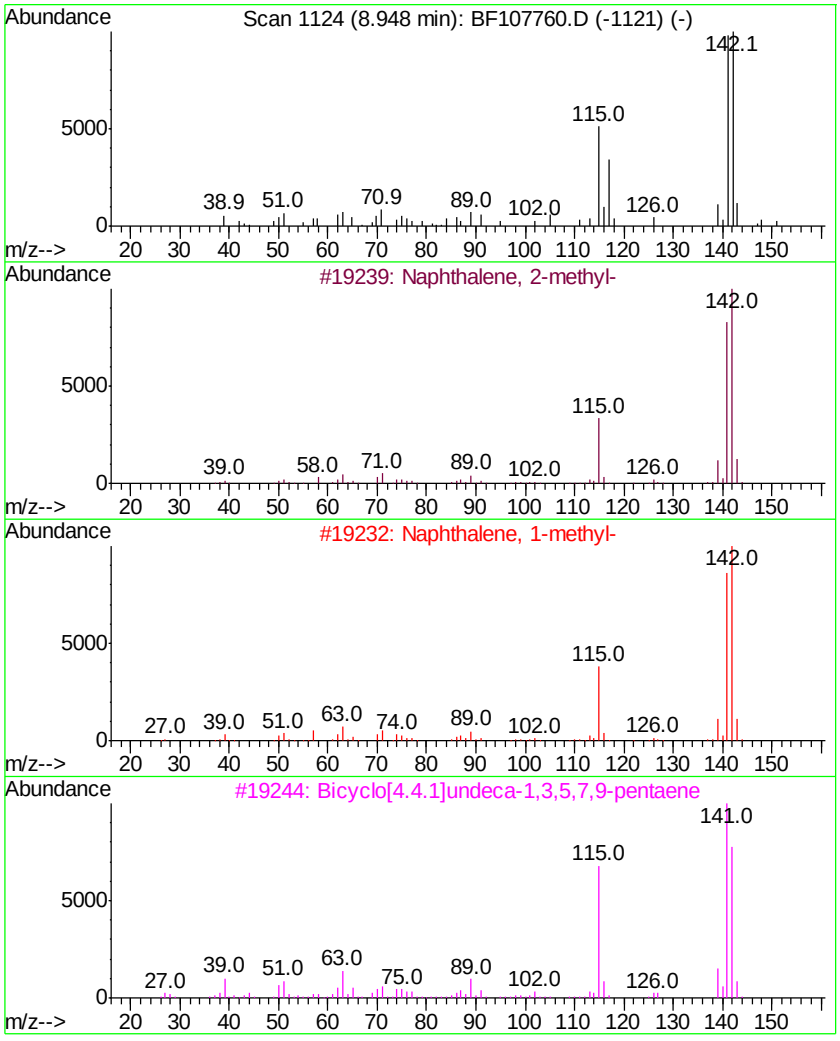
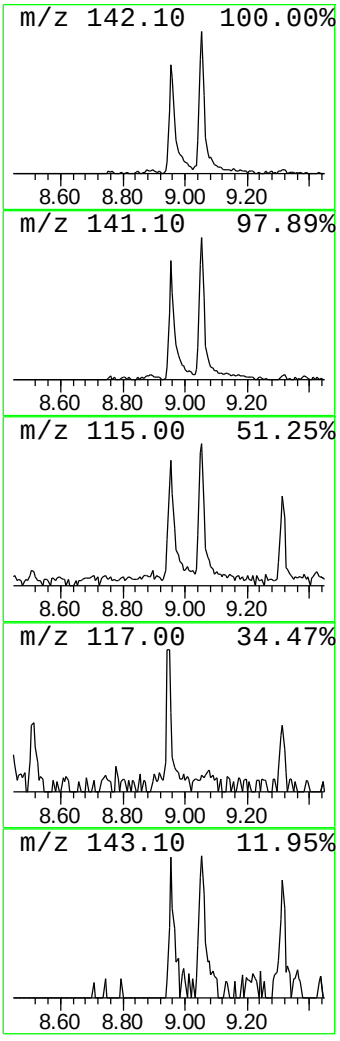
****

Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	2.26 ng	112117	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87





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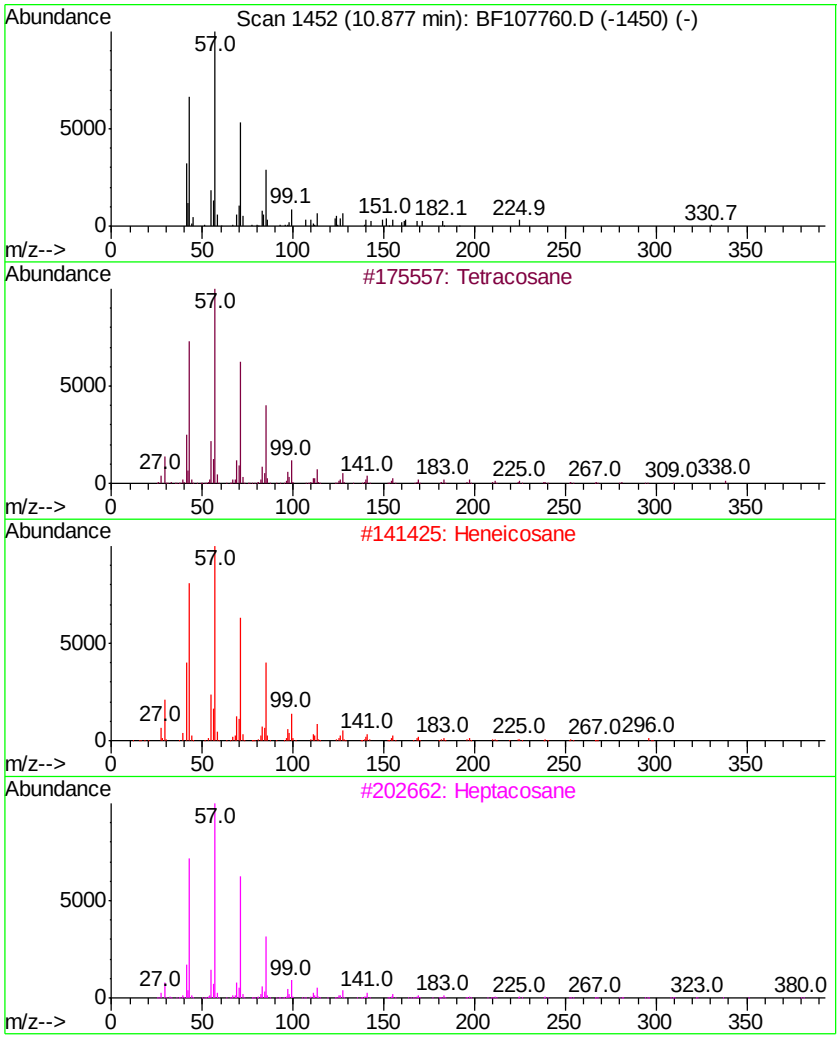
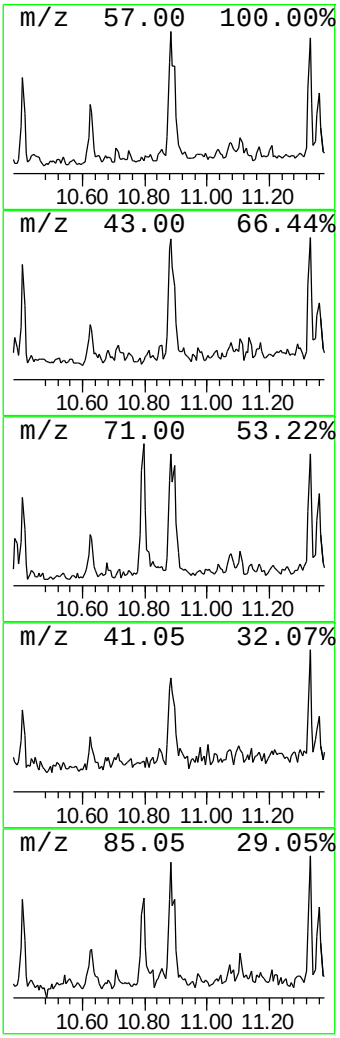
****

Peak Number 5 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	2.09 ng	101680	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





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Instrument : BNA_F
ClientSampleId : DUP-072318

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

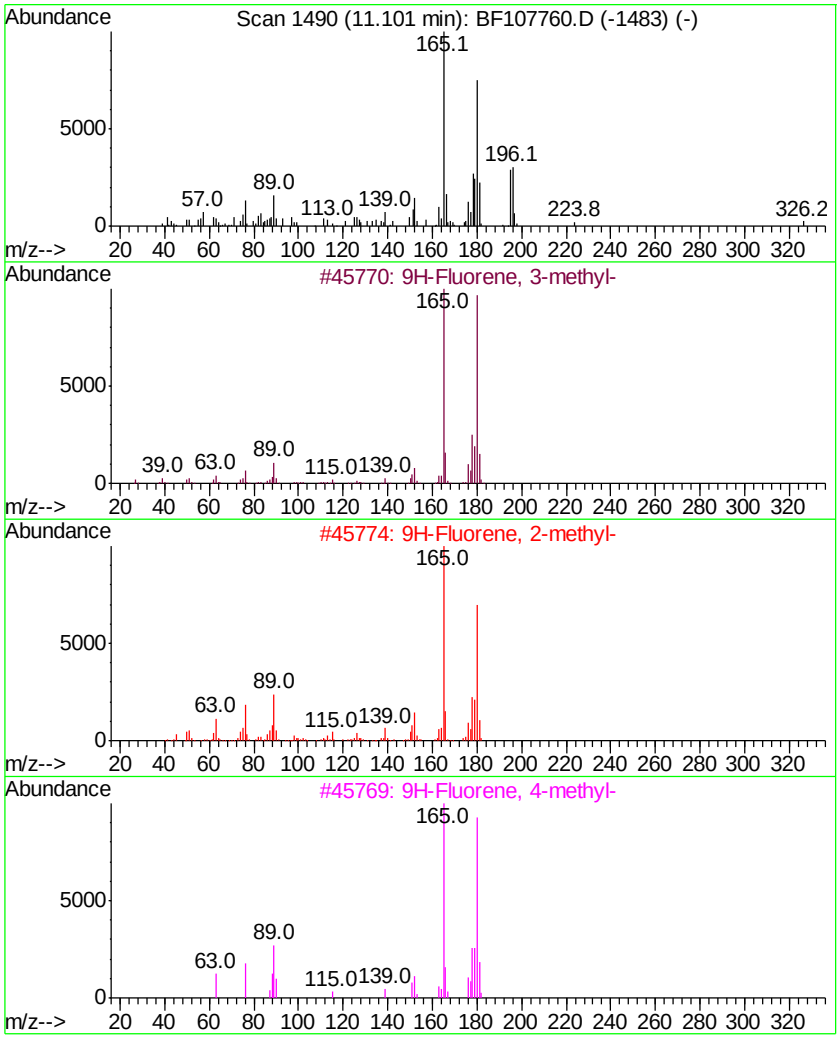
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

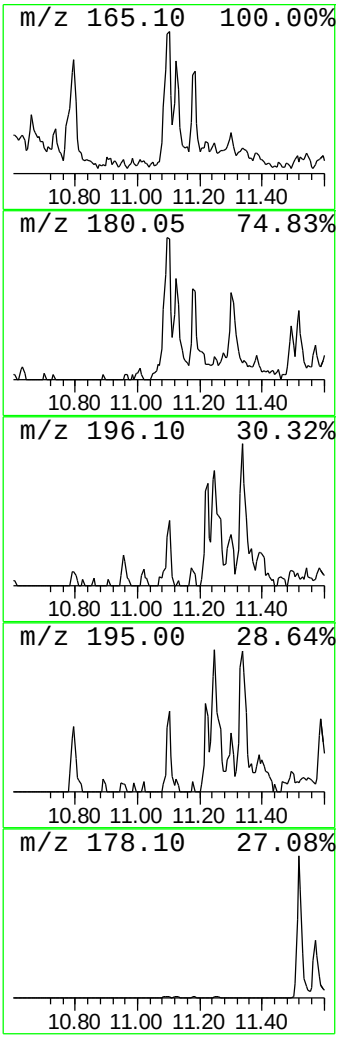
****

Peak Number 6 9H-Fluorene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.51 ng	122104	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	91
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86





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

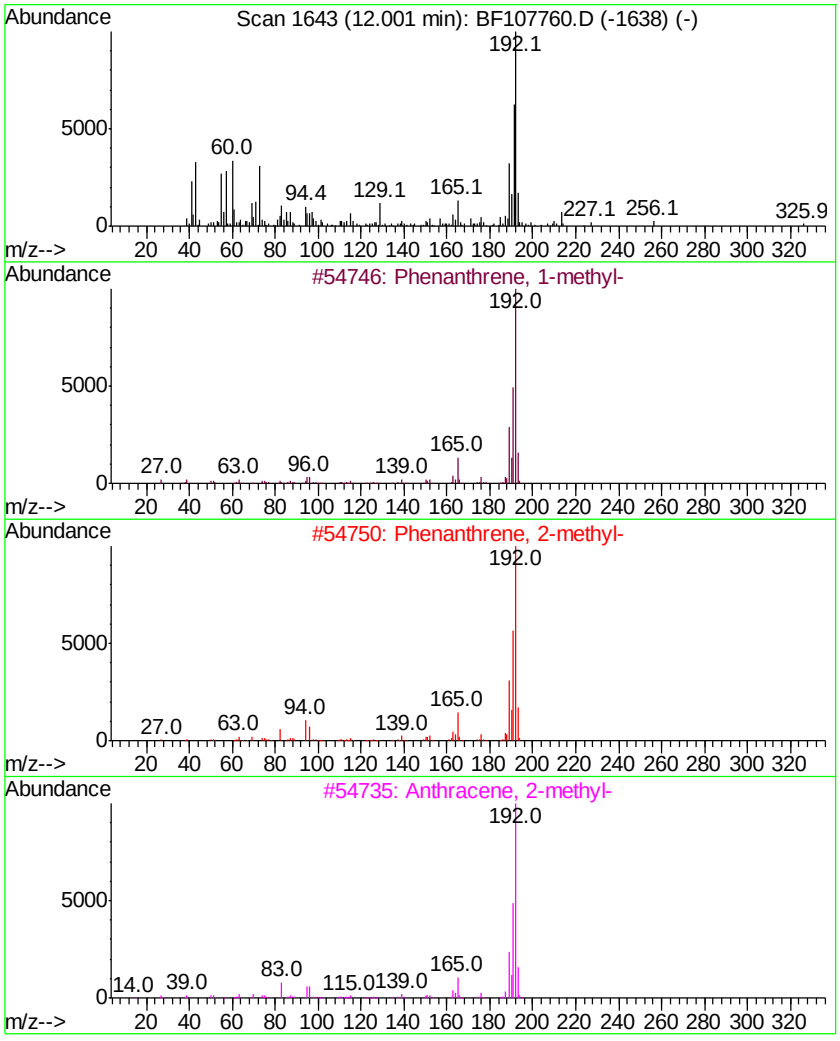
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

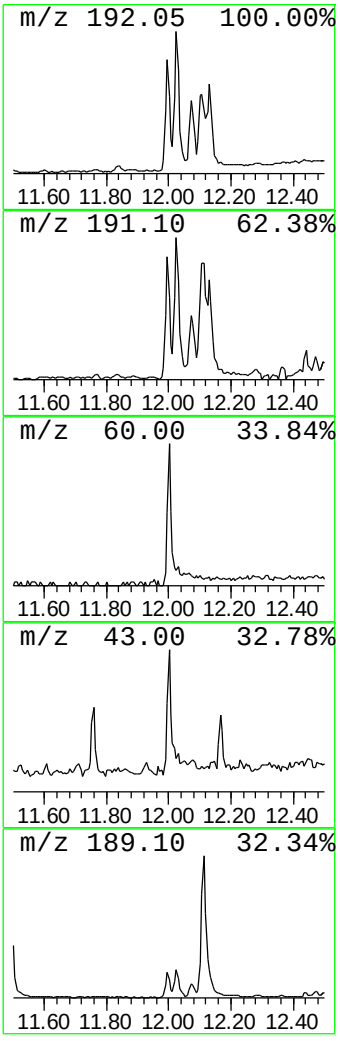
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	7.12 ng	346693	Phenanthrene-d10	11.49

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Operator : JU/SJ
Sample : J4121-09
Misc :
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ClientSampleId : DUP-072318

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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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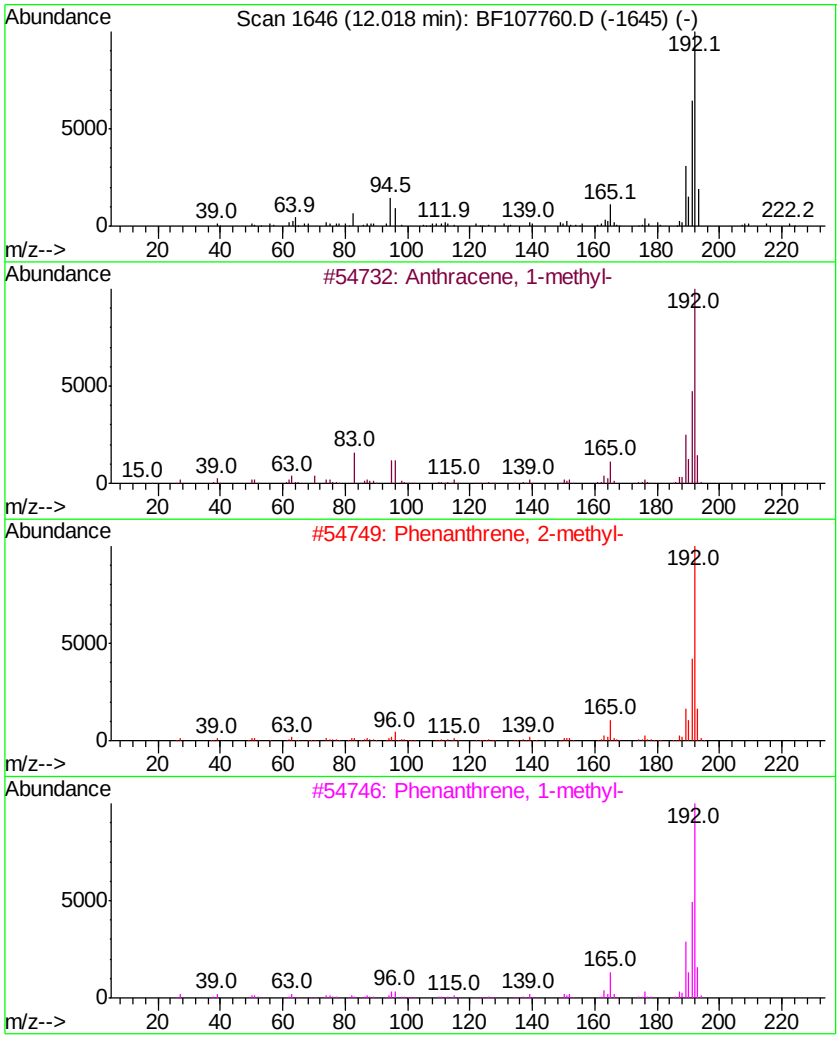
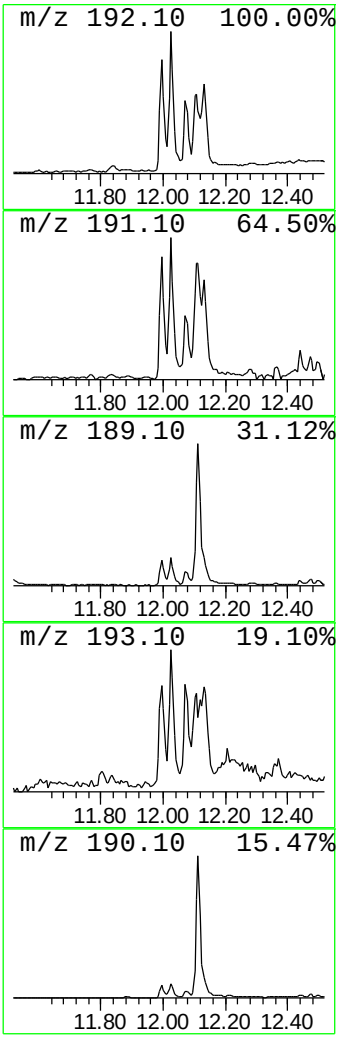
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.92 ng	288521	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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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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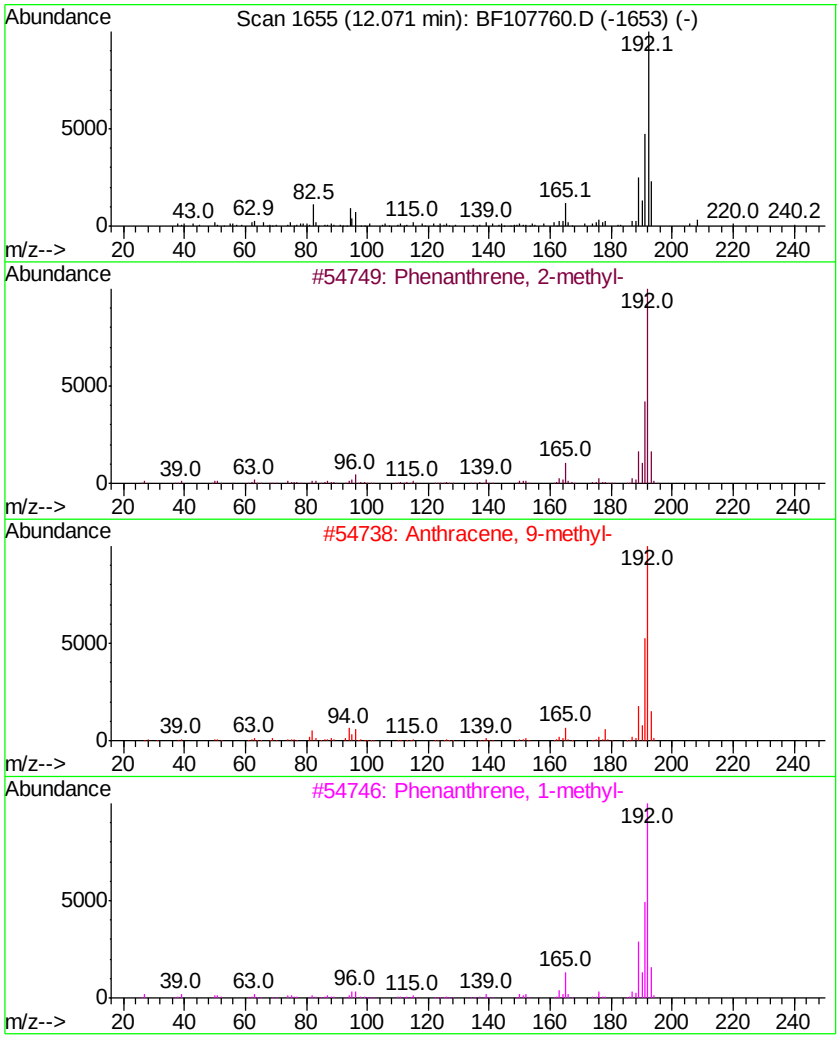
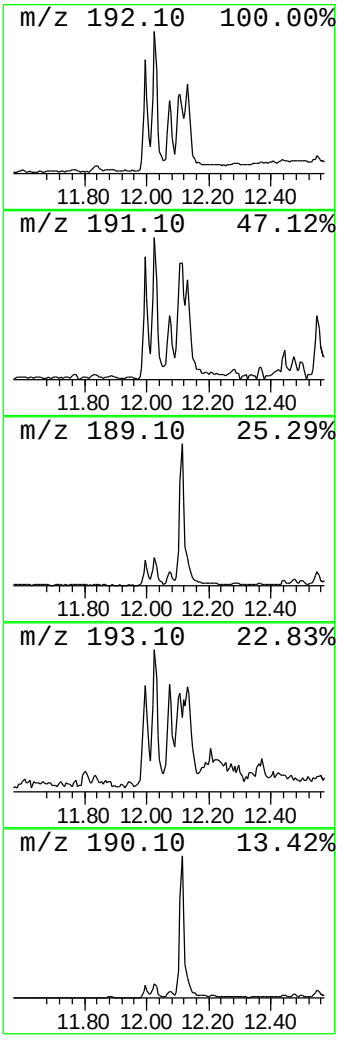
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.62 ng	127643	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





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

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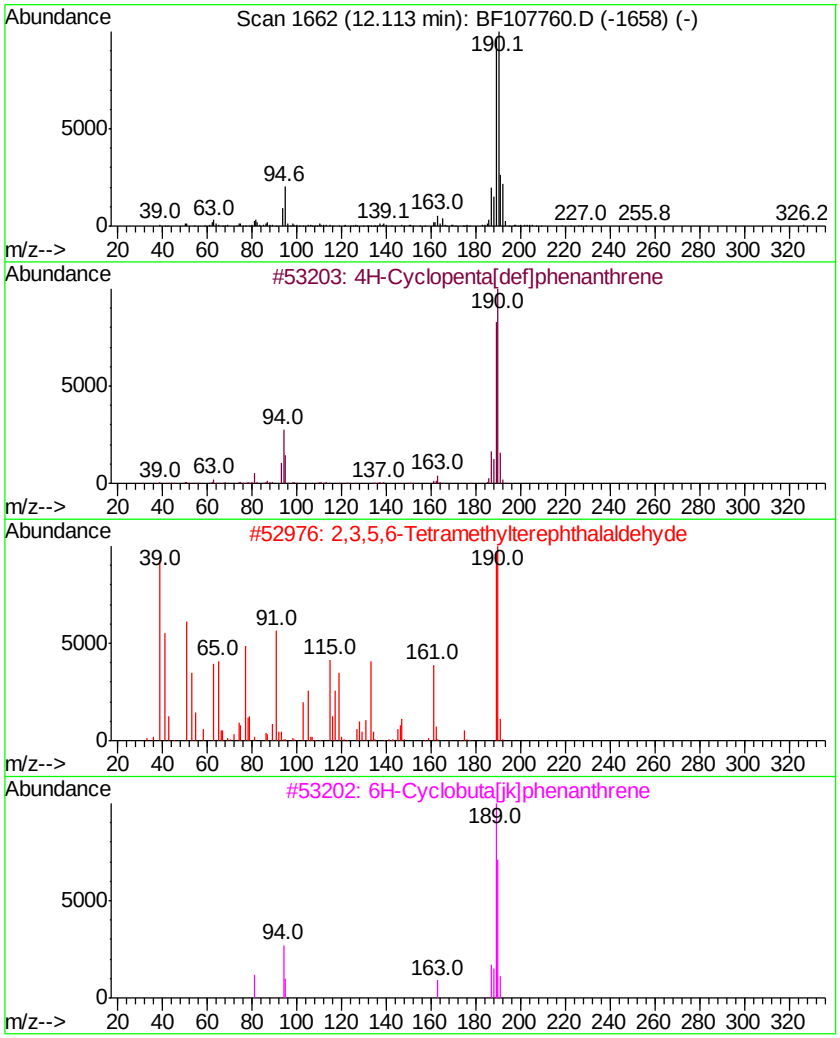
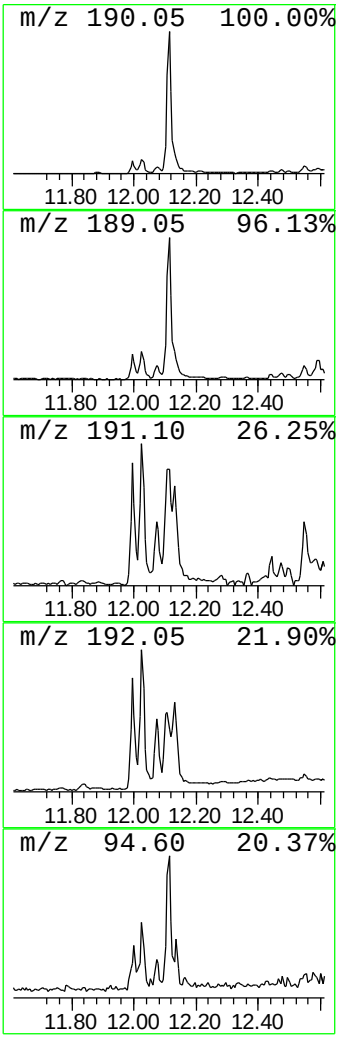
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	12.67 ng	617192	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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ClientSampleId : DUP-072318

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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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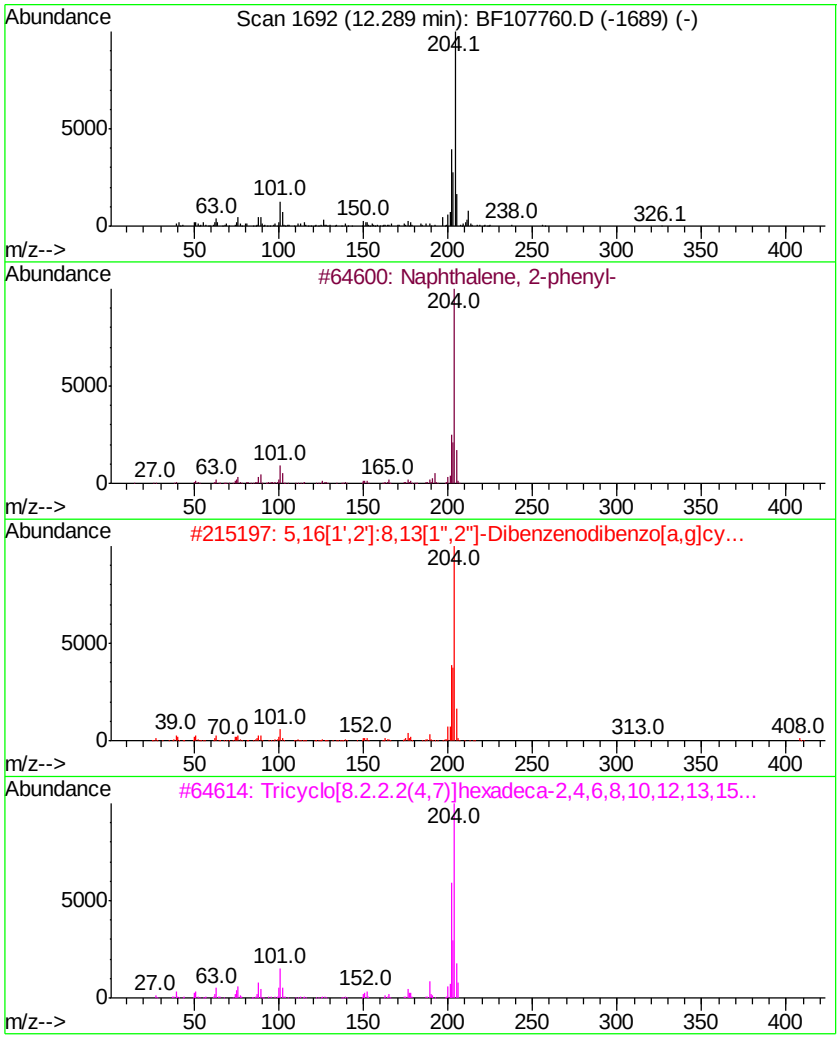
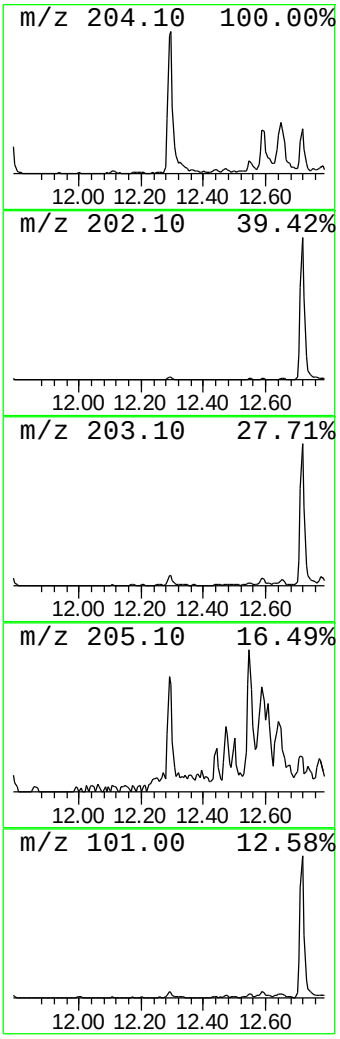
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.19 ng	155471	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	59
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	46





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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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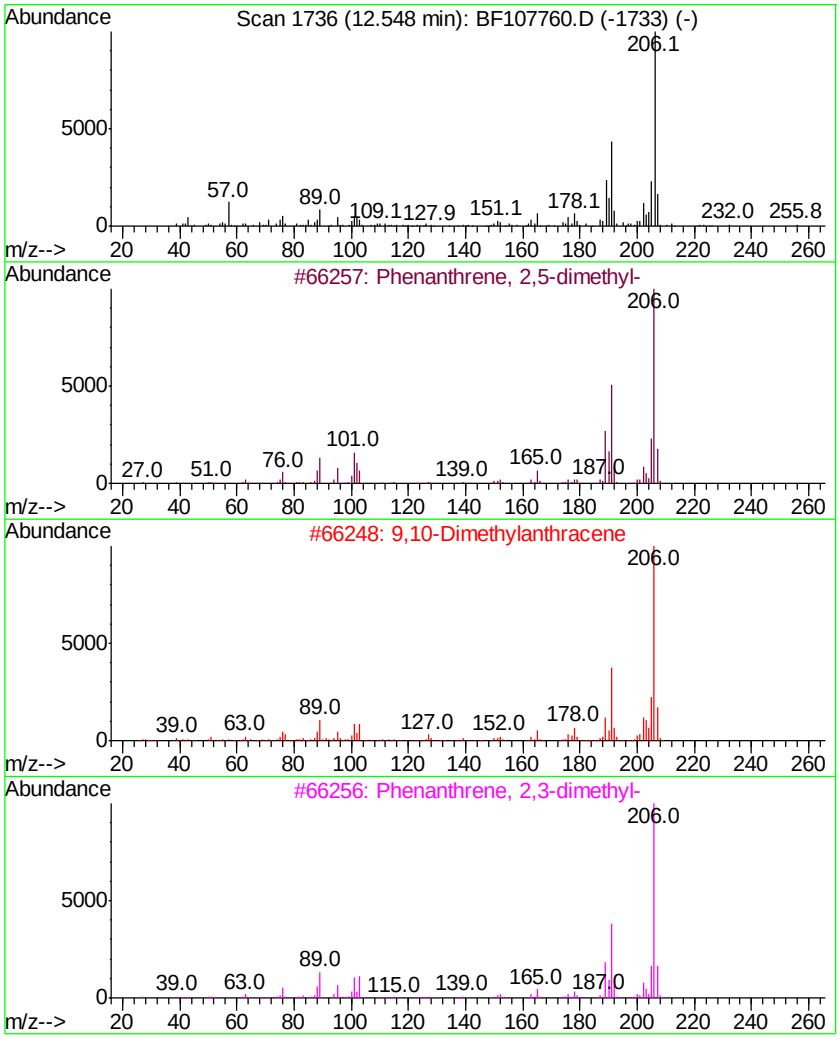
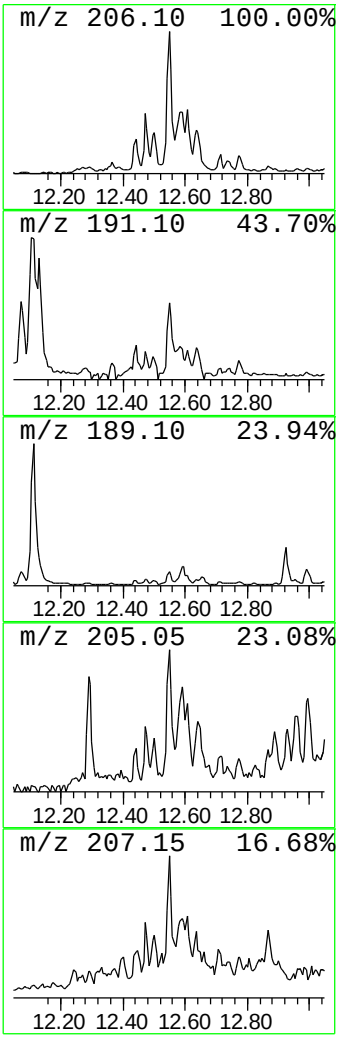
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	4.04 ng	196776	Phenanthrene-d10	11.49

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	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76





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ClientSampleId : DUP-072318

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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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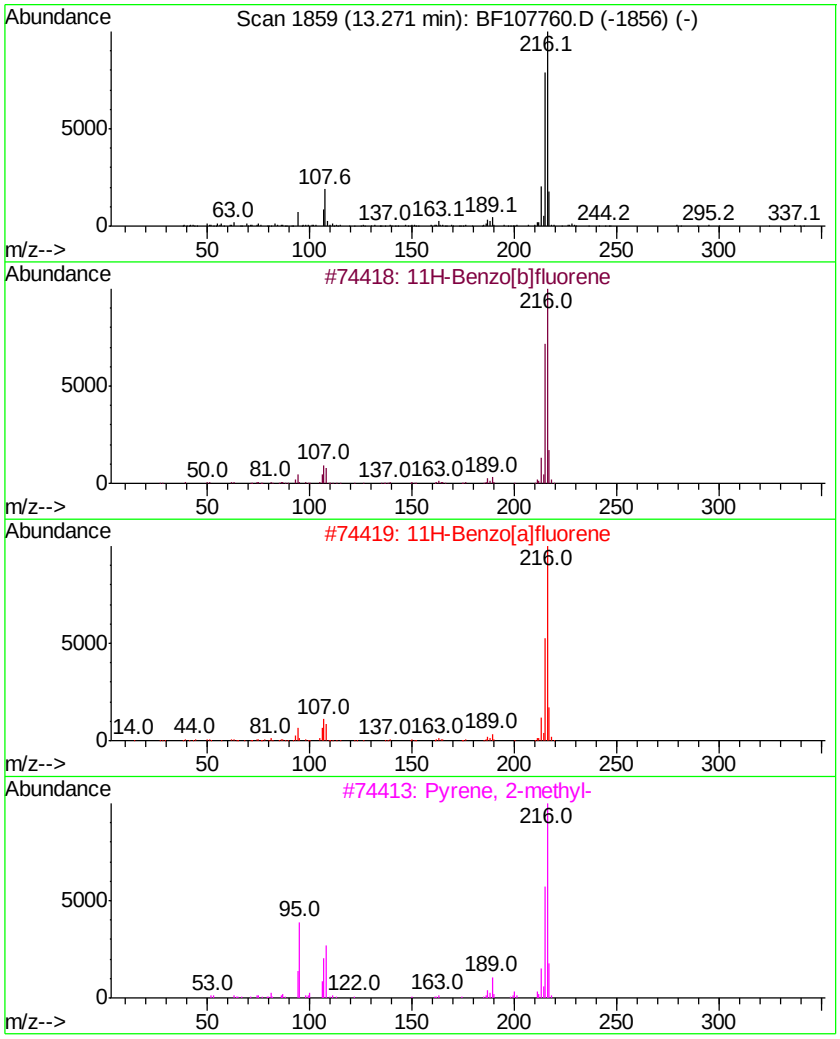
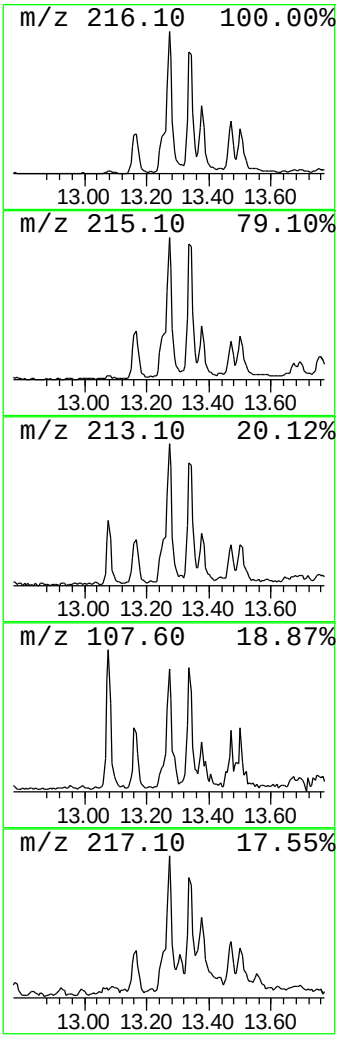
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.77 ng	511949	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78





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Sample : J4121-09
Misc :
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Instrument : BNA_F
ClientSampleId : DUP-072318

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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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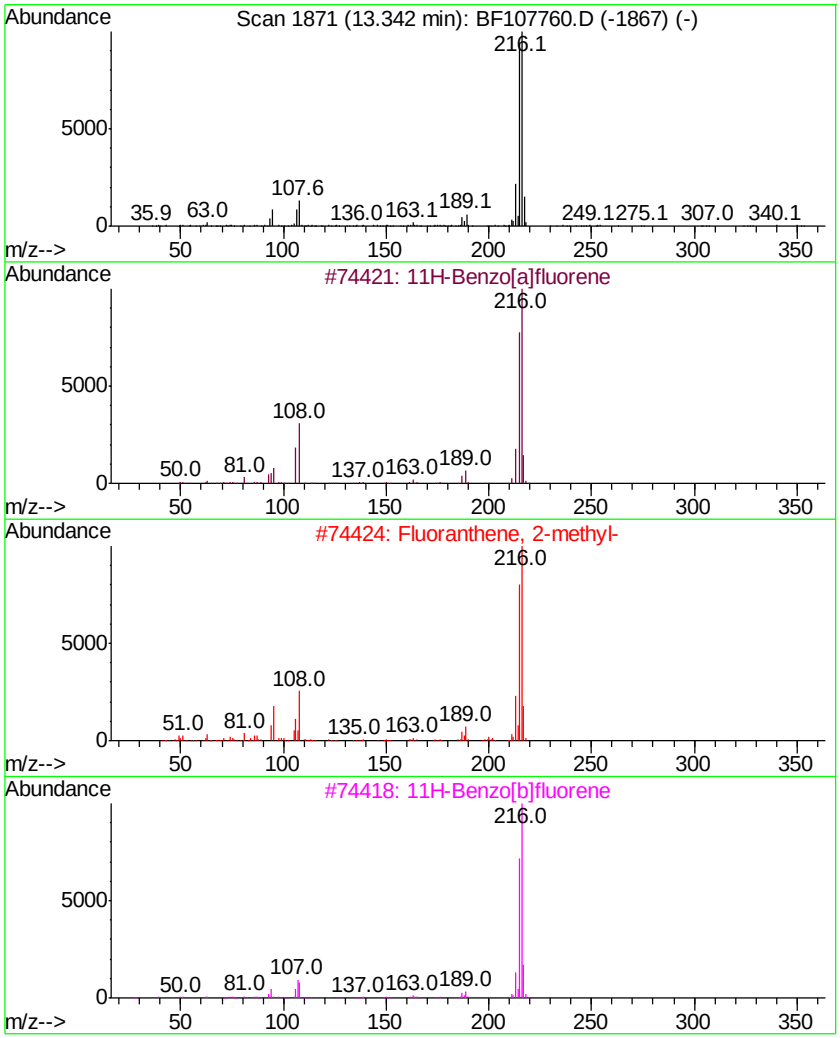
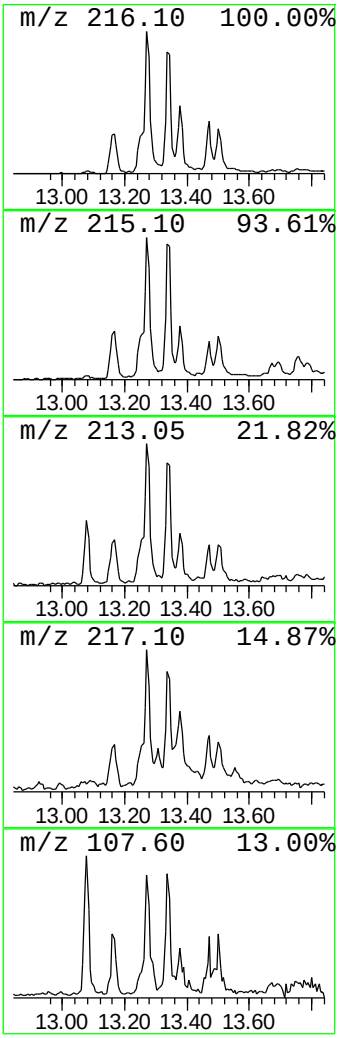
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	2.75 ng	373056	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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ClientSampleId : DUP-072318

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

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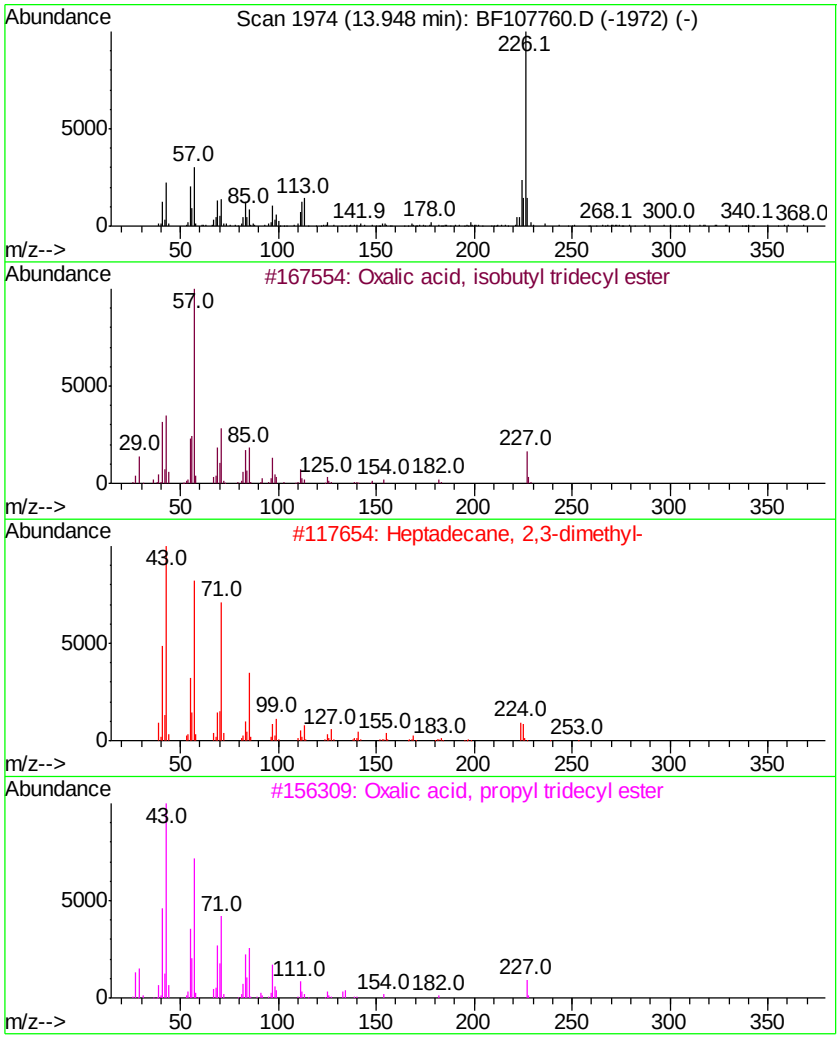
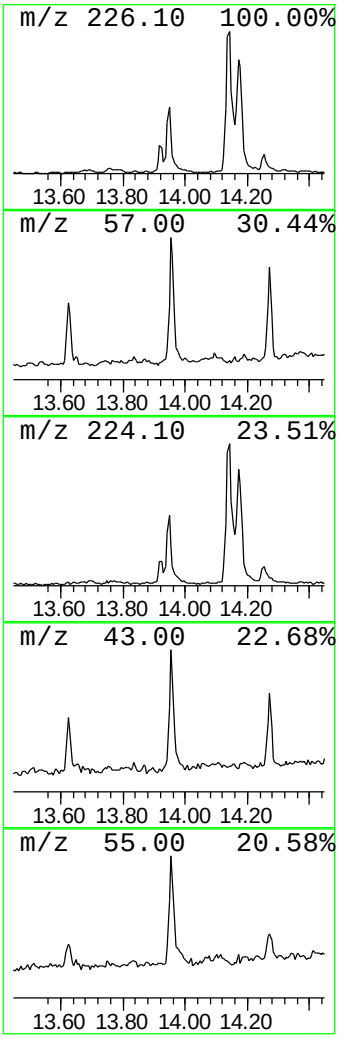
Peak Number 16 unknown13.95 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.00 ng	408079	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tridecyl e...	328	C19H36O4	1000309-37-8	38
2	Heptadecane, 2,3-dimethyl-	268	C19H40	061868-03-9	35
3	Oxalic acid, propyl tridecyl ester	314	C18H34O4	1000309-26-6	27
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	27
5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	22





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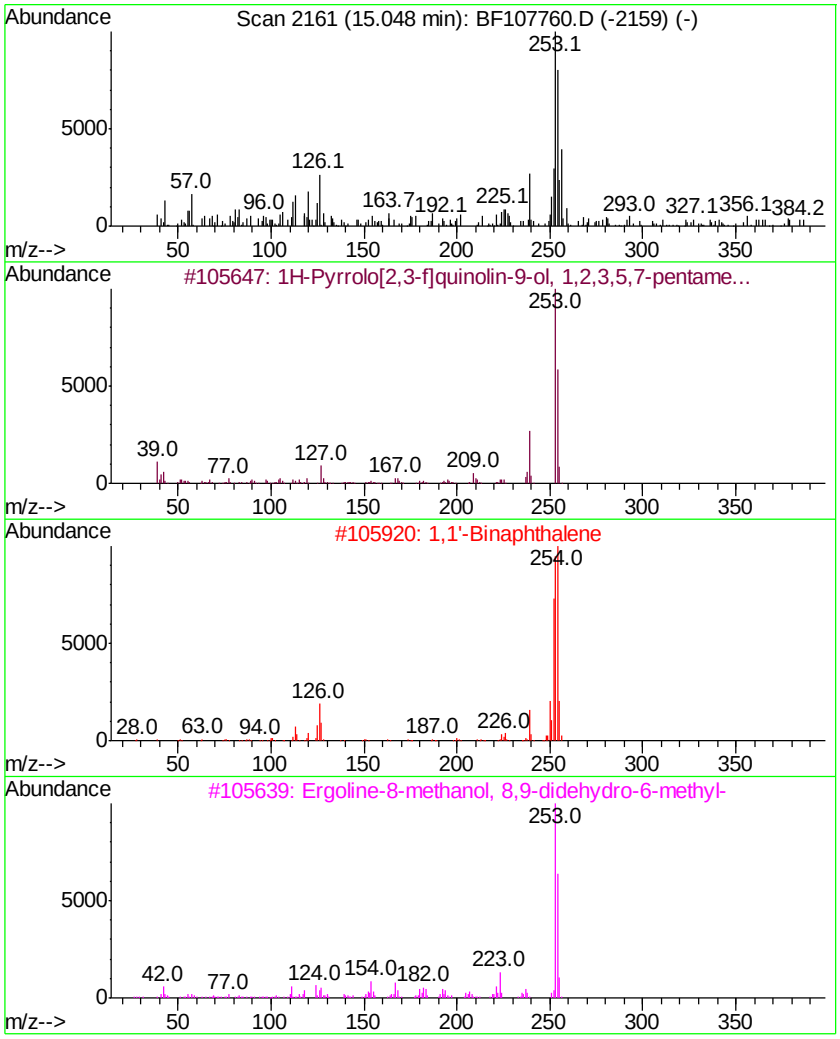
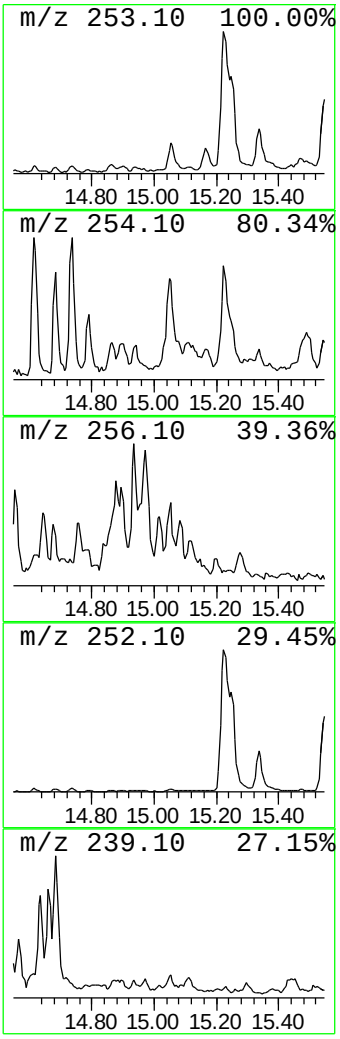
****
Peak Number 17 1H-Pyrrolo[2,3-f]quinolin-9... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	3.57 ng	108870	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	52
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	50
3	Ergoline-8-methanol, 8,9-didehyd...	254	C16H18N2O	000548-43-6	47
4	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	42
5	Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	38





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ClientSampleId : DUP-072318

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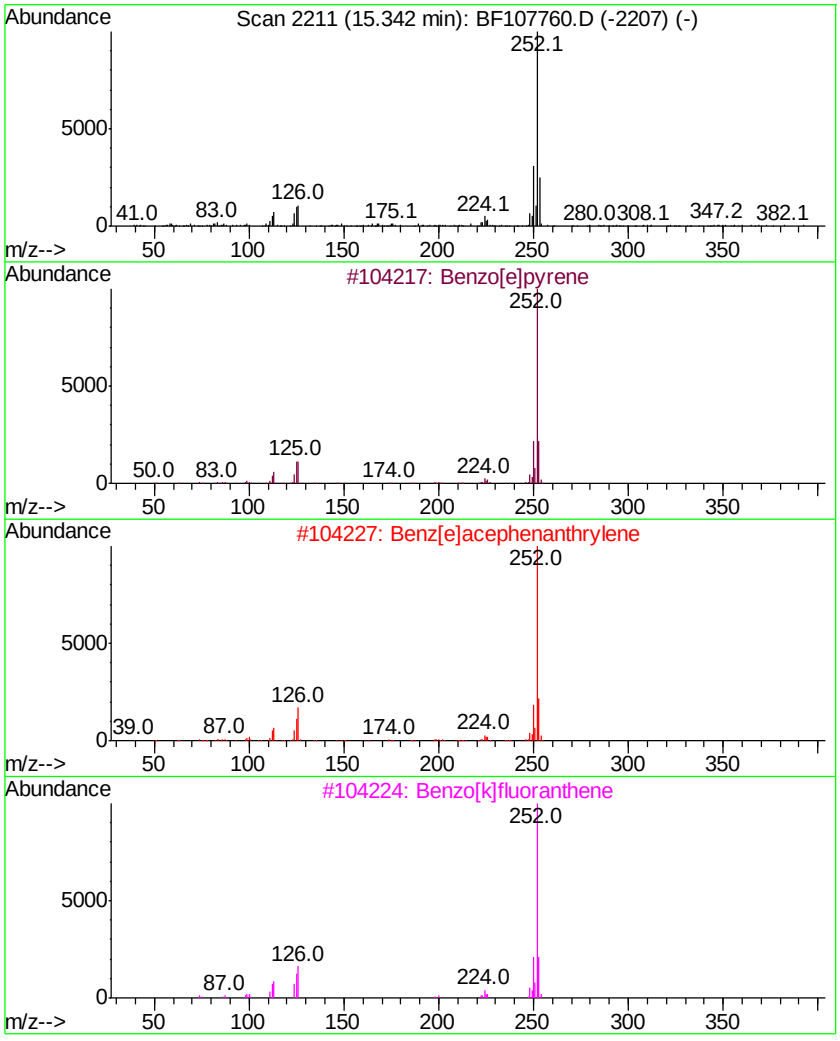
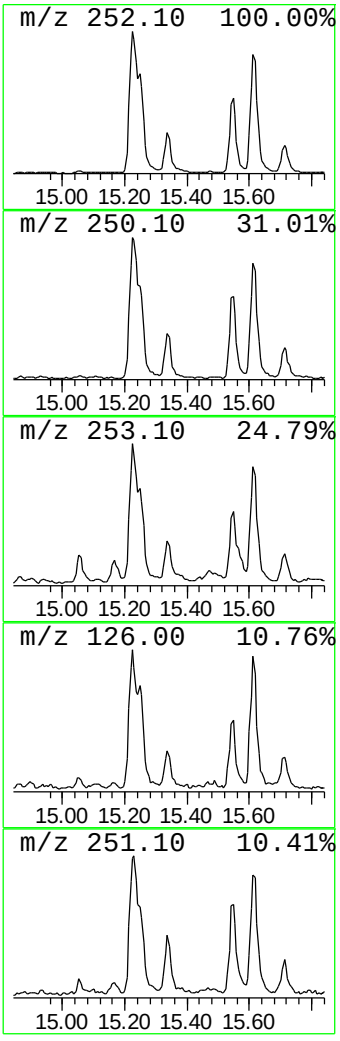
Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	12.49 ng	381226	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	87





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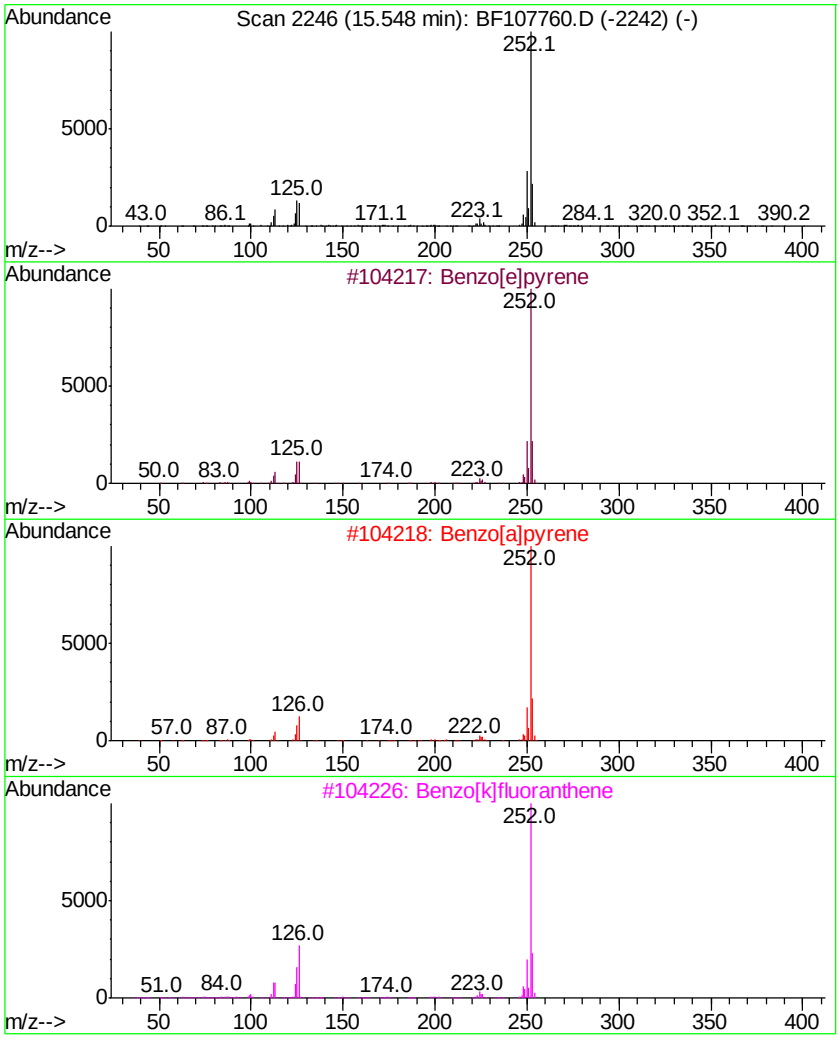
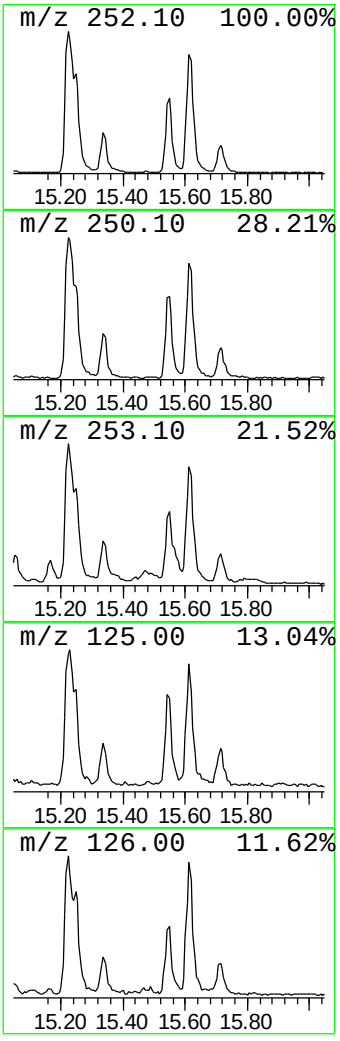
Peak Number 19 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	19.13 ng	583715	Perylene-d12	15.68

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107760.D
Acq On : 27 Jul 2018 21:43
Operator : JU/SJ
Sample : J4121-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-072318

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

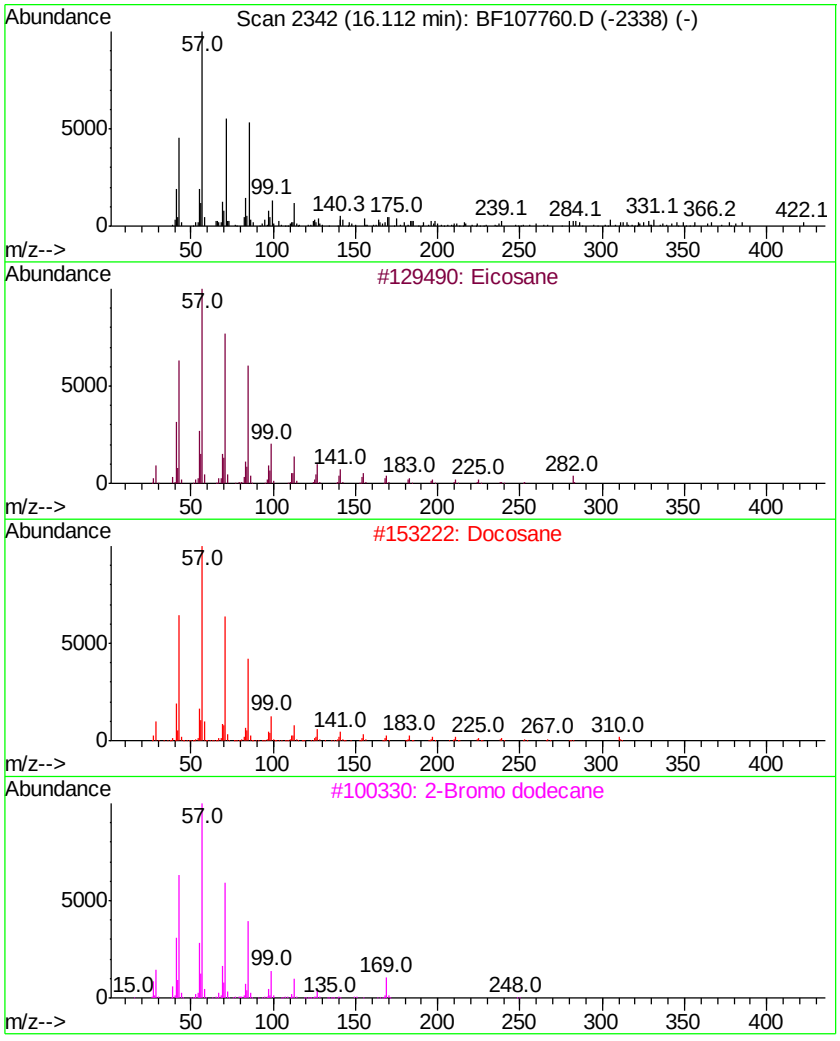
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

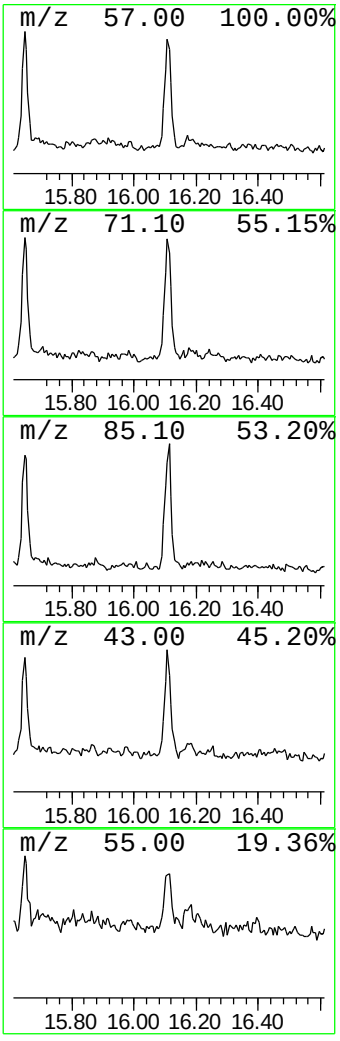
****

Peak Number 20 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	4.11 ng	125513	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Docosane	310	C22H46	000629-97-0	93
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
4	2-methyloctacosane	408	C29H60	1000376-72-8	81
5	Hexacosane	366	C26H54	000630-01-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107760.D
Acq On : 27 Jul 2018 21:43
Operator : JU/SJ
Sample : J4121-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-072318

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	14.4	ng	638037	1	6.96	886578	20.0
unknown6.74	6.74	90.5	ng	4009930	1	6.96	886578	20.0
Naphthalene, 2-me...	8.95	2.3	ng	112117	2	8.24	993870	20.0
Tetracosane	10.88	2.1	ng	101680	4	11.49	974224	20.0
9H-Fluorene, 3-me...	11.10	2.5	ng	122104	4	11.49	974224	20.0
Phenanthrene, 1-m...	12.00	7.1	ng	346693	4	11.49	974224	20.0
Anthracene, 1-met...	12.02	5.9	ng	288521	4	11.49	974224	20.0
Phenanthrene, 2-m...	12.07	2.6	ng	127643	4	11.49	974224	20.0
4H-Cyclopenta[def...	12.11	12.7	ng	617192	4	11.49	974224	20.0
Naphthalene, 2-ph...	12.29	3.2	ng	155471	4	11.49	974224	20.0
Phenanthrene, 2,5...	12.55	4.0	ng	196776	4	11.49	974224	20.0
11H-Benzo[b]fluorene	13.27	3.8	ng	511949	5	14.15	2716710	20.0
11H-Benzo[a]fluorene	13.34	2.8	ng	373056	5	14.15	2716710	20.0
unknown13.95	13.95	3.0	ng	408079	5	14.15	2716710	20.0
1H-Pyrrolo[2,3-f]...	15.05	3.6	ng	108870	6	15.68	610376	20.0
Benzo[e]pyrene	15.34	12.5	ng	381226	6	15.68	610376	20.0
Perylene	15.55	19.1	ng	583715	6	15.68	610376	20.0
Eicosane	16.11	4.1	ng	125513	6	15.68	610376	20.0