LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107714.D
Acq On : 26 Jul 2018 21:48
Operator : JU/SJ
Sample : J4109-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11(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	5.184	481	484	499	rBV	154466	231345	11.08%	0.608%
2	5.454	526	530	537	rBV	22703	36134	1.73%	0.095%
3	5.595	550	554	580	rVV	579696	1355566	64.93%	3.565%
4	6.595	721	724	744	rBV	745286	1611812	77.21%	4.239%
5	6.731	744	747	754	rBV	1227901	1579184	75.64%	4.153%
6	6.960	783	786	802	rBV	587741	1002289	48.01%	2.636%
7	7.113	809	812	828	rBV2	968908	1398287	66.98%	3.677%
8	7.525	878	882	898	rBV	584391	1062233	50.88%	2.793%
9	7.972	955	958	964	rBV3	51539	74669	3.58%	0.196%
10	8.242	1000	1004	1007	rBV	1145569	1243950	59.58%	3.271%
11	8.954	1122	1125	1132	rBV	71100	103416	4.95%	0.272%
12	9.054	1137	1142	1150	rVV	128907	161859	7.75%	0.426%
13	9.313	1182	1186	1196	rBV	1518699	1645094	78.80%	4.326%
14	9.419	1201	1204	1209	rVV2	37039	64547	3.09%	0.170%
15	9.489	1212	1216	1218	rVV4	23653	35839	1.72%	0.094%
16	9.525	1218	1222	1227	rVB2	28070	49878	2.39%	0.131%
17	9.583	1227	1232	1236	rBV	84986	128371	6.15%	0.338%
18	9.619	1236	1238	1241	rVV4	36113	38507	1.84%	0.101%
19	9.654	1241	1244	1247	rVV	143468	170079	8.15%	0.447%
20	9.683	1247	1249	1250	rVV	74497	70282	3.37%	0.185%
21	9.707	1250	1253	1261	rVV	200552	297670	14.26%	0.783%
22	9.772	1261	1264	1272	rVB	77482	126888	6.08%	0.334%
23	9.860	1273	1279	1285	rBV	258061	327402	15.68%	0.861%
24	10.001	1299	1303	1306	rBV	1317694	1320407	63.25%	3.472%
25	10.030	1306	1308	1317	rVB	203103	242801	11.63%	0.638%
26	10.101	1317	1320	1324	rVB2	32133	39387	1.89%	0.104%
27	10.201	1333	1337	1341	rBV3	56396	80559	3.86%	0.212%
28	10.236	1341	1343	1347	rVB	83736	77596	3.72%	0.204%
29	10.313	1352	1356	1359	rBV	96579	116602	5.59%	0.307%
30	10.407	1368	1372	1378	rVB5	71979	110469	5.29%	0.290%
31	10.454	1378	1380	1385	rBV2	53998	61119	2.93%	0.161%
32	10.519	1389	1391	1393	rBV	46454	44610	2.14%	0.117%
33	10.548	1393	1396	1403	rVB	172147	245472	11.76%	0.646%
34	10.630	1408	1410	1412	rVB2	52764	44217	2.12%	0.116%

LSC Area Percent Report

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Acq On : 26 Jul 2018 21:48
Operator : JU/SJ
Sample : J4109-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11(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

35	10.707	1418	1423	1426	rVB5	51391	74926	3.59%	0.197%
36	10.795	1433	1438	1446	rBV	936824	1211288	58.02%	3.185%
37	10.895	1450	1455	1463	rVB5	82717	184774	8.85%	0.486%
38	11.095	1484	1489	1492	rBV2	99190	157259	7.53%	0.414%
39	11.124	1492	1494	1501	rVB	68619	80750	3.87%	0.212%
40	11.177	1501	1503	1507	rVB2	56005	52156	2.50%	0.137%
41	11.224	1507	1511	1513	rBV3	34857	48083	2.30%	0.126%
42	11.301	1521	1524	1527	rBV4	45611	54018	2.59%	0.142%
43	11.330	1527	1529	1532	rBV2	105735	87057	4.17%	0.229%
44	11.360	1532	1534	1537	rVB	60875	48919	2.34%	0.129%
45	11.389	1537	1539	1550	rVB	149987	197581	9.46%	0.520%
46	11.495	1553	1557	1559	rBV	1160370	1160427	55.58%	3.052%
47	11.519	1559	1561	1567	rVB	1219963	1199753	57.47%	3.155%
48	11.572	1567	1570	1574	rBV	238324	258230	12.37%	0.679%
49	11.701	1590	1592	1596	rBV3	28572	49905	2.39%	0.131%
50	11.736	1596	1598	1599	rVV2	44042	35544	1.70%	0.093%
51	11.760	1599	1602	1604	rVV	165582	136482	6.54%	0.359%
52	11.783	1604	1606	1610	rVV	57216	49432	2.37%	0.130%
53	11.824	1610	1613	1617	rVB	129839	131187	6.28%	0.345%
54	11.913	1624	1628	1632	rVB	75665	94975	4.55%	0.250%
55	11.954	1632	1635	1639	rVB	54582	52933	2.54%	0.139%
56	11.995	1639	1642	1645	rBV	373611	431667	20.68%	1.135%
57	12.024	1645	1647	1653	rVB	346662	317671	15.22%	0.835%
58	12.071	1653	1655	1658	rBV	109002	101653	4.87%	0.267%
59	12.107	1658	1661	1664	rBV2	446609	577132	27.64%	1.518%
60	12.166	1669	1671	1675	rVV	119728	119494	5.72%	0.314%
61	12.230	1679	1682	1685	rVV2	83659	76166	3.65%	0.200%
62	12.289	1689	1692	1695	rVV	183805	222478	10.66%	0.585%
63	12.324	1696	1698	1703	rVB4	124874	166114	7.96%	0.437%
64	12.424	1712	1715	1716	rBV2	51466	53301	2.55%	0.140%
65	12.471	1721	1723	1725	rBV	82733	60771	2.91%	0.160%
66	12.548	1732	1736	1739	rBV2	323453	436646	20.92%	1.148%
67	12.636	1748	1751	1754	rBV3	115576	171633	8.22%	0.451%
68	12.713	1760	1764	1768	rBV	1227306	1201959	57.57%	3.161%
69	12.807	1777	1780	1784	rBV	175749	178796	8.56%	0.470%
70	12.866	1788	1790	1792	rBV	60485	52428	2.51%	0.138%
71	12.942	1797	1803	1809	rBV	1292013	1600762	76.68%	4.210%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4109-05 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SB-11(3-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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72	12.989	1809	1811	1817	rVB	111216	124039	5.94%	0.326%
73	13.077	1822	1826	1836	rVB	1151580	1233877	59.10%	3.245%
74	13.160	1836	1840	1846	rVB4	144609	239418	11.47%	0.630%
75	13.213	1847	1849	1851	rBV3	65242	56493	2.71%	0.149%
76	13.271	1852	1859	1864	rVB2	281106	509006	24.38%	1.339%
77	13.313	1864	1866	1867	rBV2	44277	37074	1.78%	0.097%
78	13.336	1867	1870	1873	rVB	208123	155004	7.42%	0.408%
79	13.377	1874	1877	1880	rBV	166135	155937	7.47%	0.410%
80	13.471	1890	1893	1895	rBV	155067	149273	7.15%	0.393%
81	13.501	1895	1898	1907	rVB	217381	293652	14.07%	0.772%
82	13.783	1944	1946	1950	rVB2	91057	93979	4.50%	0.247%
83	13.895	1962	1965	1967	rBV	141855	129911	6.22%	0.342%
84	13.918	1967	1969	1971	rVV	112325	89709	4.30%	0.236%
85	13.954	1972	1975	1980	rVB4	117201	149810	7.18%	0.394%
86	14.142	2002	2007	2010	rBV2	1370937	2087691	100.00%	5.490%
87	14.171	2010	2012	2019	rVV	812314	868772	41.61%	2.285%
88	14.254	2023	2026	2027	rVV	81702	82645	3.96%	0.217%
89	14.295	2031	2033	2041	rVB3	140579	219725	10.52%	0.578%
90	14.495	2064	2067	2068	rBV2	66844	63127	3.02%	0.166%
91	14.530	2068	2073	2077	rVV	262658	369897	17.72%	0.973%
92	14.565	2077	2079	2083	rVB2	111458	129563	6.21%	0.341%
93	14.660	2093	2095	2097	rBV2	118258	104442	5.00%	0.275%
94	15.218	2186	2190	2194	rBV	526066	967874	46.36%	2.545%
95	15.336	2206	2210	2215	rVB	159376	208570	9.99%	0.548%
96	15.542	2241	2245	2252	rVB	391888	549844	26.34%	1.446%
97	15.612	2252	2257	2261	rBV	625705	917142	43.93%	2.412%
98	15.677	2263	2268	2272	rBV	676000	973060	46.61%	2.559%
99	17.248	2529	2535	2547	rVB2	178476	458958	21.98%	1.207%
100	17.724	2611	2616	2624	rVB	123585	275927	13.22%	0.726%

Sum of corrected areas: 38027309

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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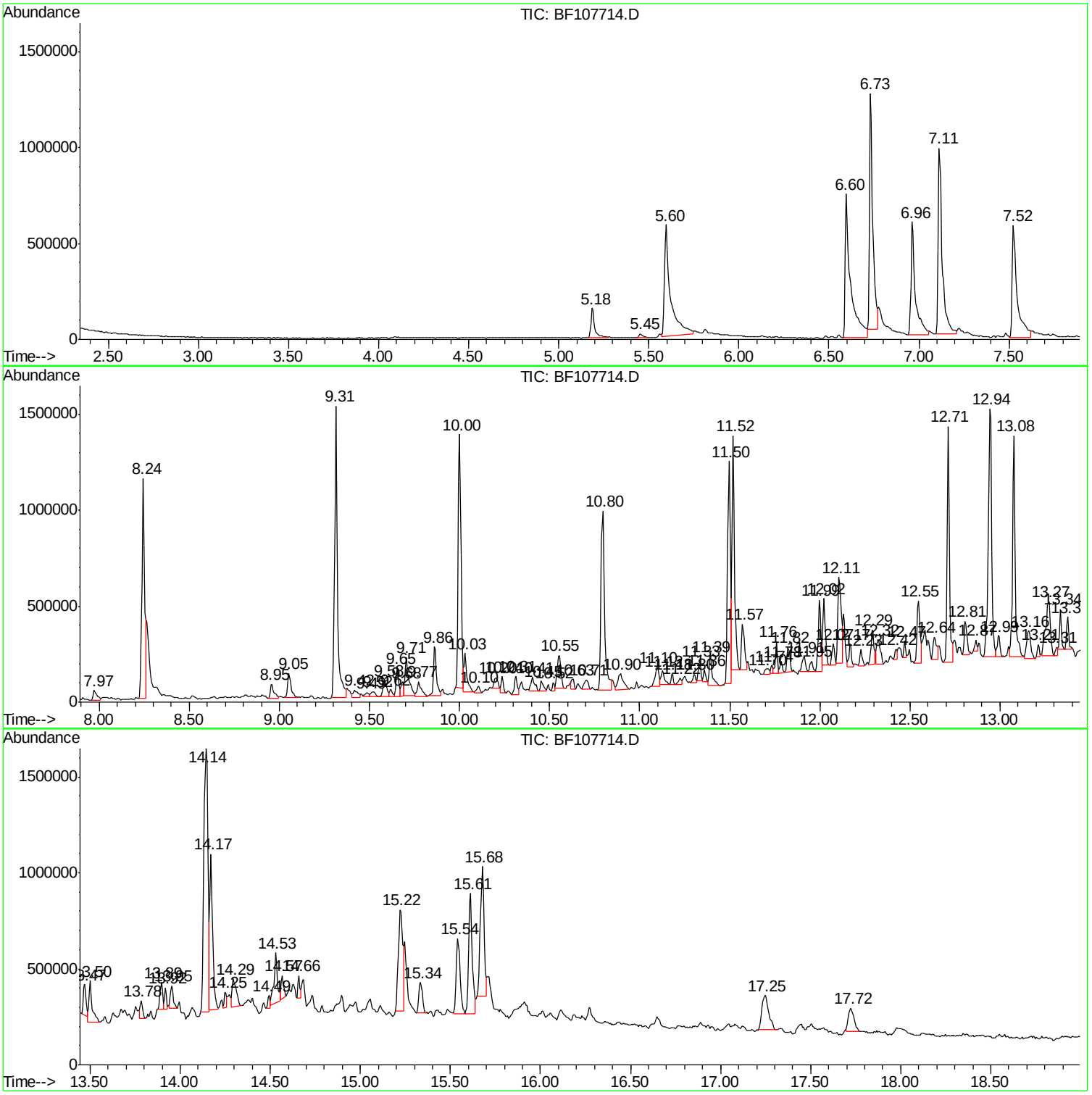
Sample : J4109-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11(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\BF072618\
Data File : BF107714.D
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

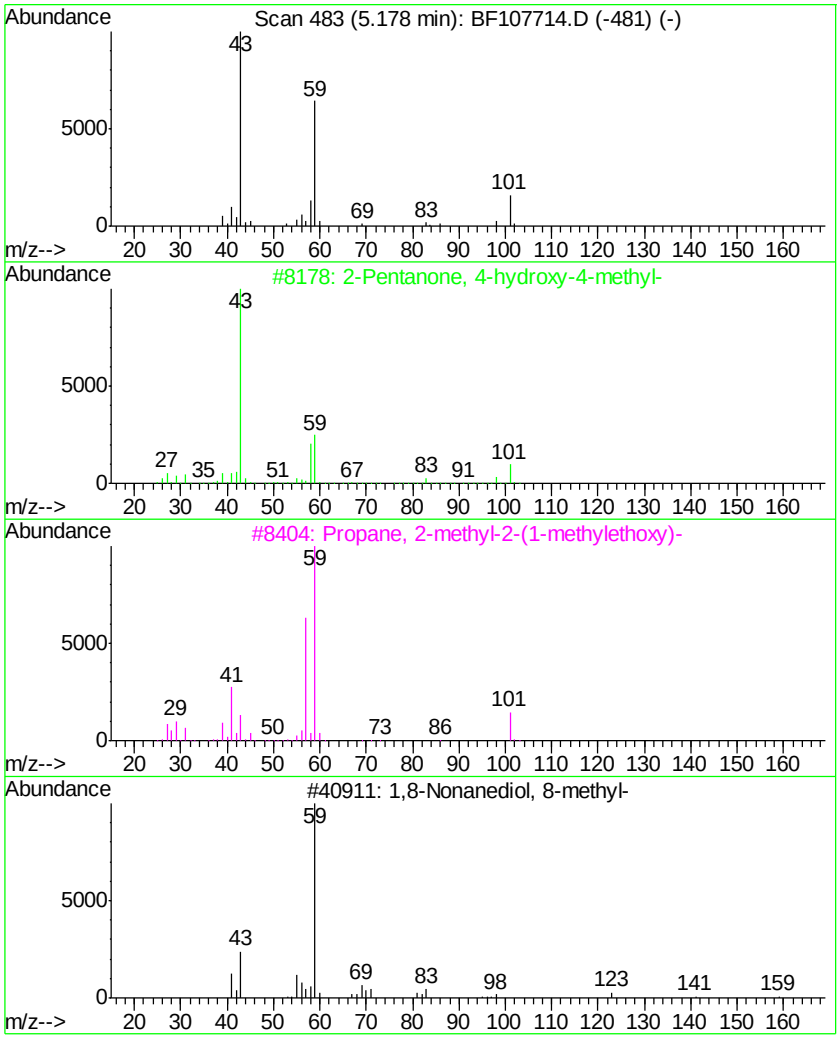
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

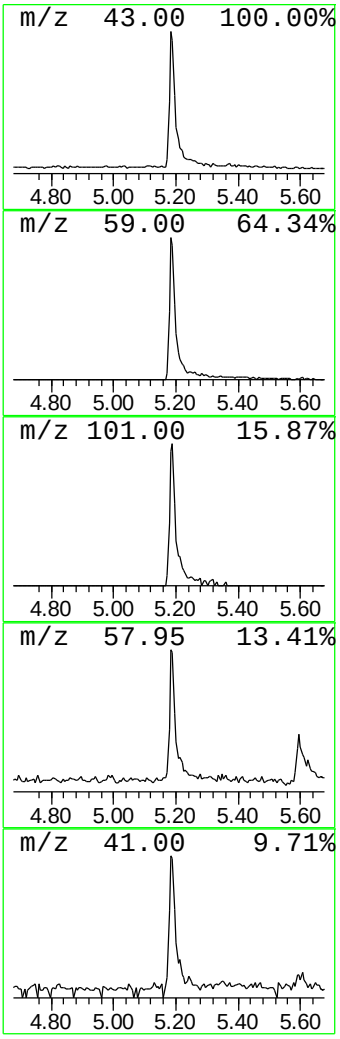
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	4.62 ng	231345	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	42
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	37
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	3-Octanol	130	C8H18O	000589-98-0	28





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Instrument : BNA_F
ClientSampleId : SB-11(3-5)

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

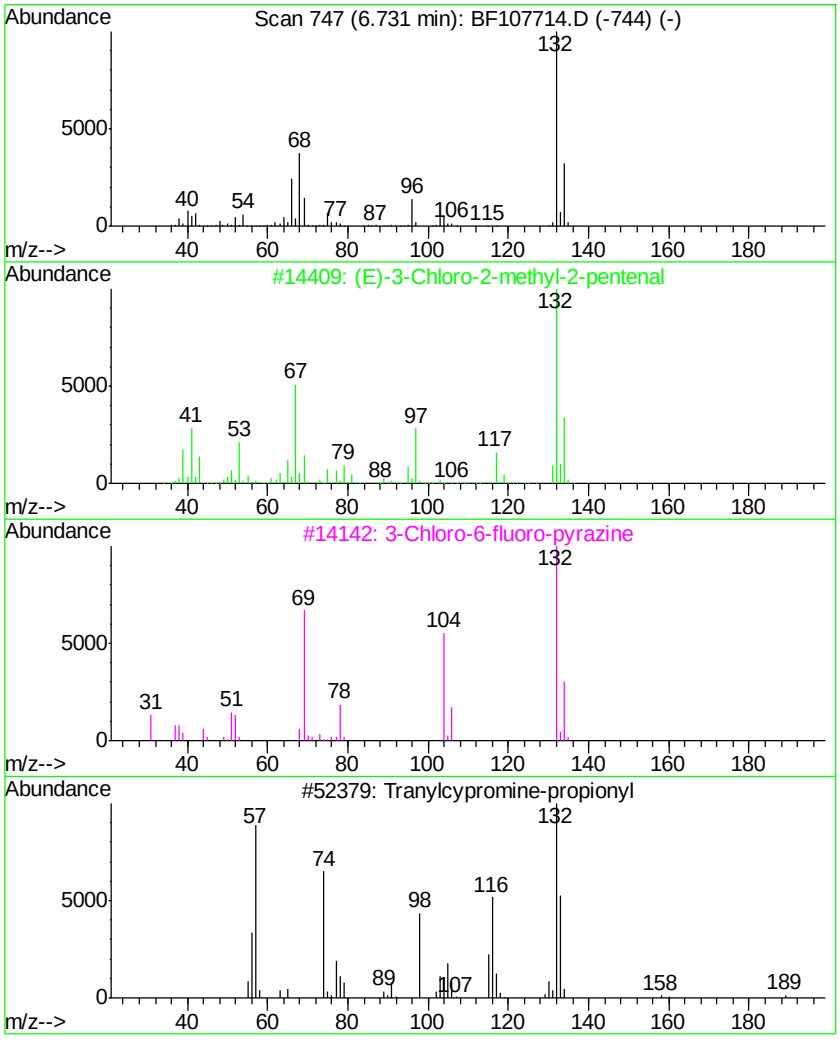
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

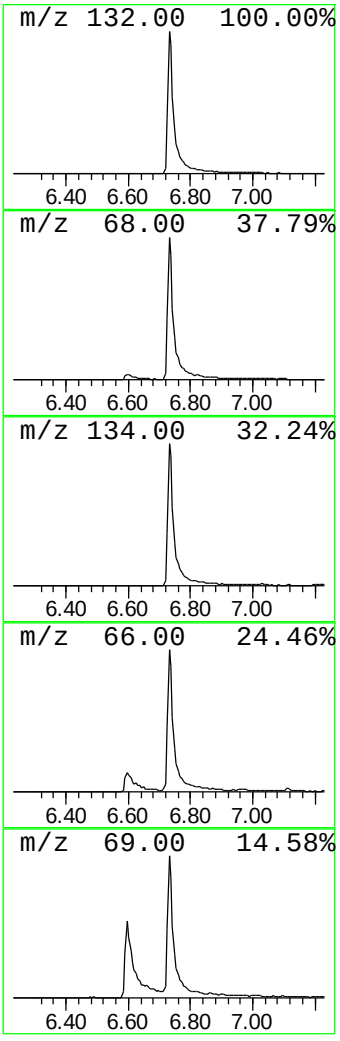
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	31.51 ng	1579180	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	25
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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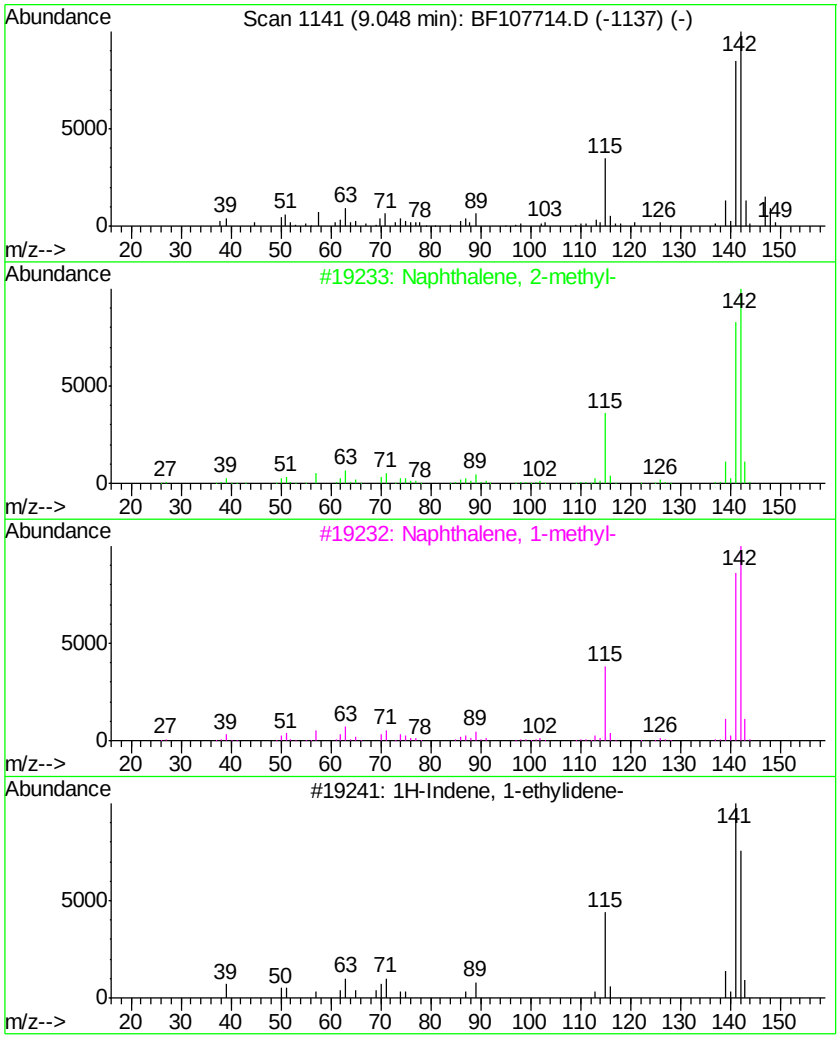
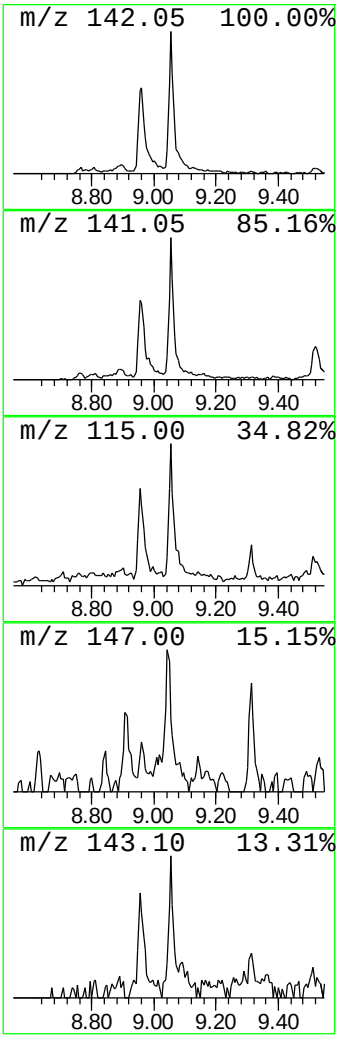
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	2.60 ng	161859	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	97
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





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Instrument : BNA_F
ClientSampleId : SB-11(3-5)

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

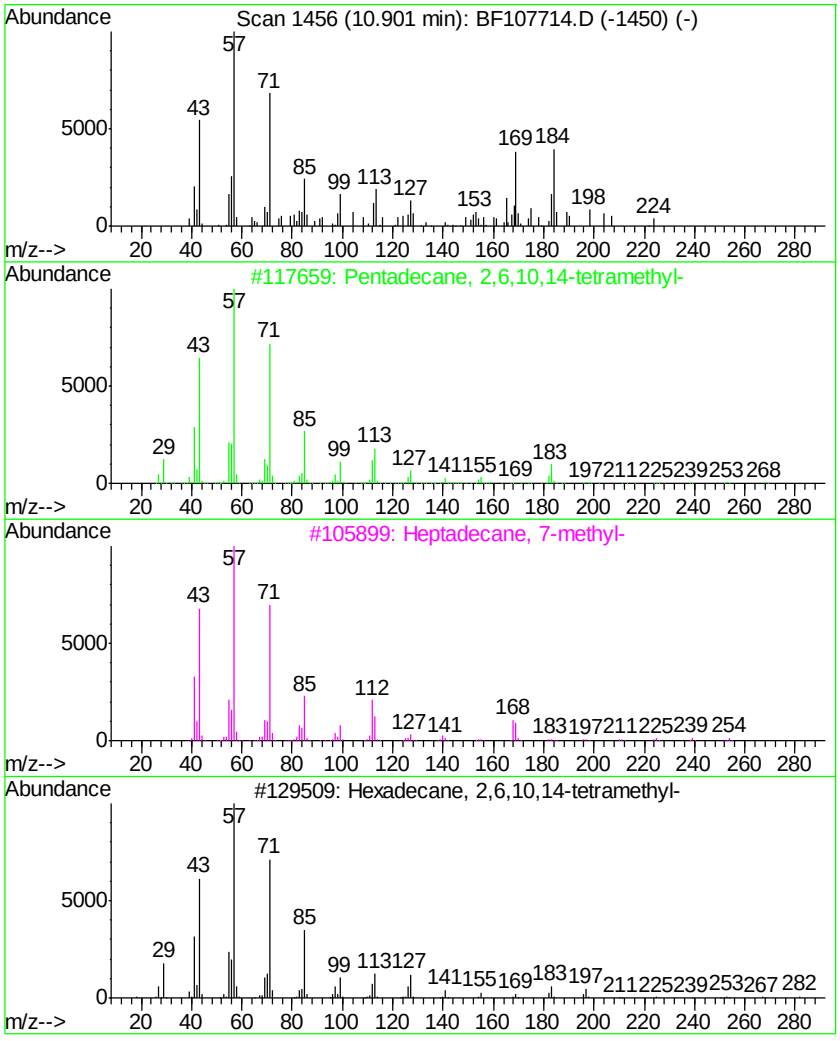
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

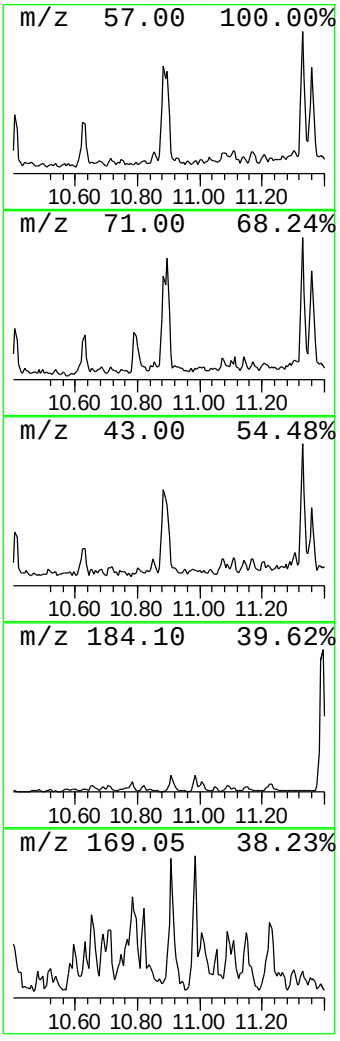
****

Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.18 ng	184774	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	59
2	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	59
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	58
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107714.D
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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : SB-11(3-5)

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

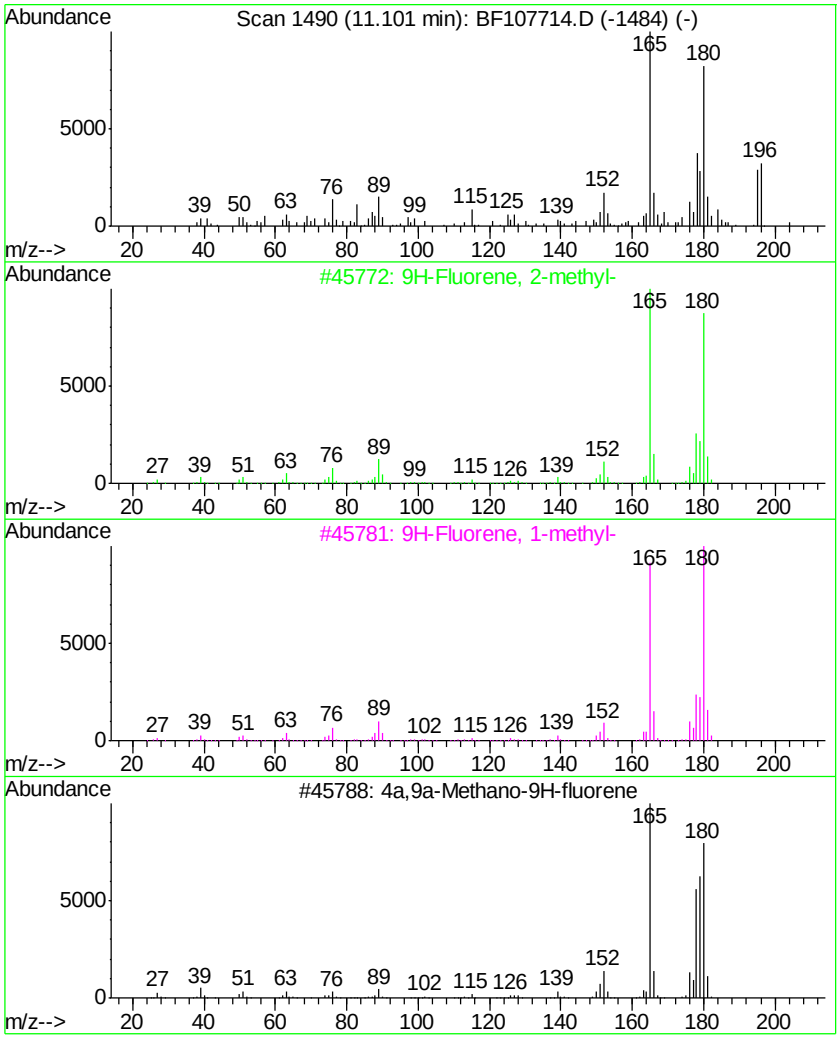
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

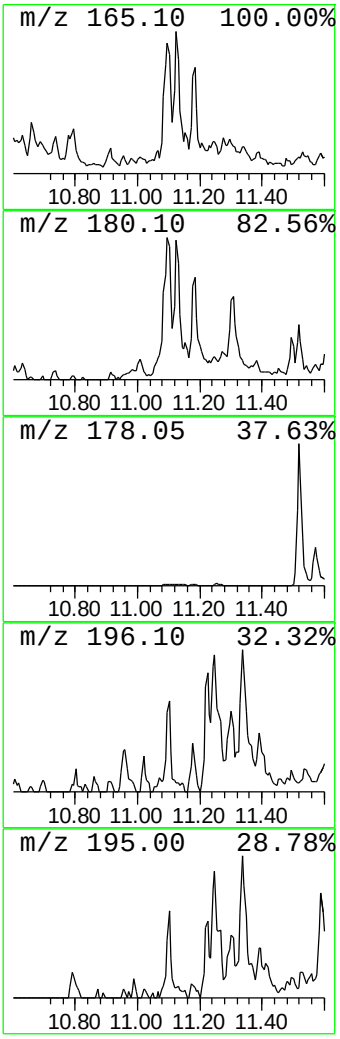
****

Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.71 ng	157259	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	62





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Acq On : 26 Jul 2018 21:48
Operator : JU/SJ
Sample : J4109-05 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SB-11(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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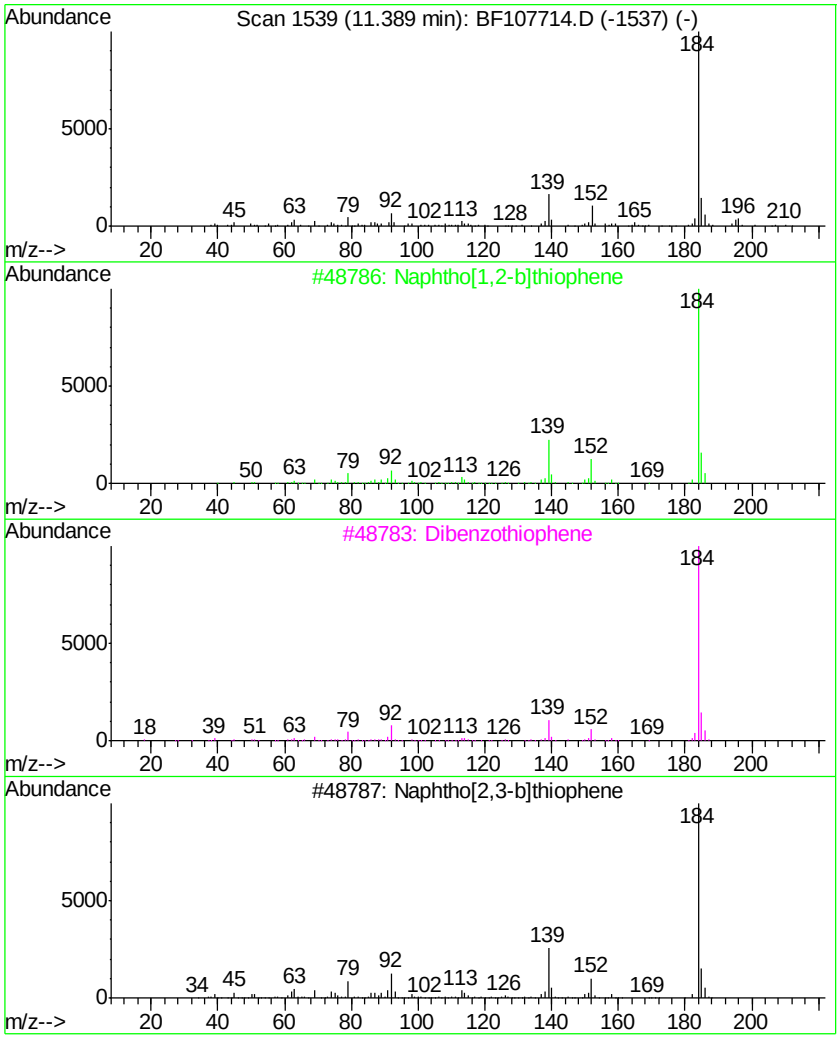
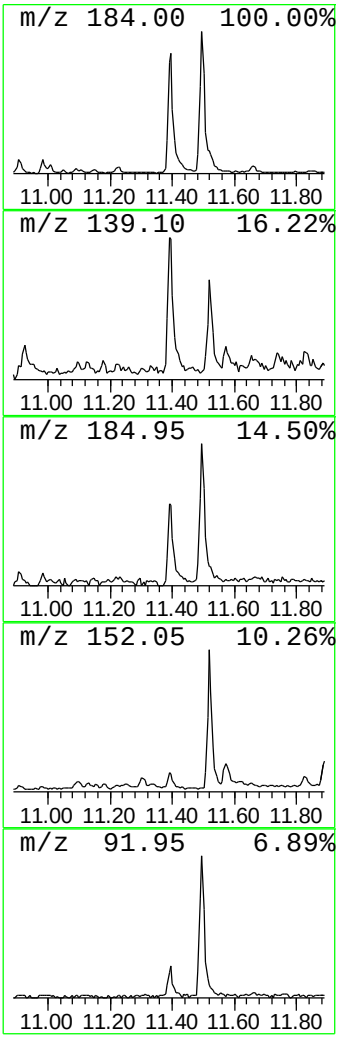
Peak Number 7 Naphtho[1,2-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	3.41 ng	197581	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





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Sample : J4109-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11(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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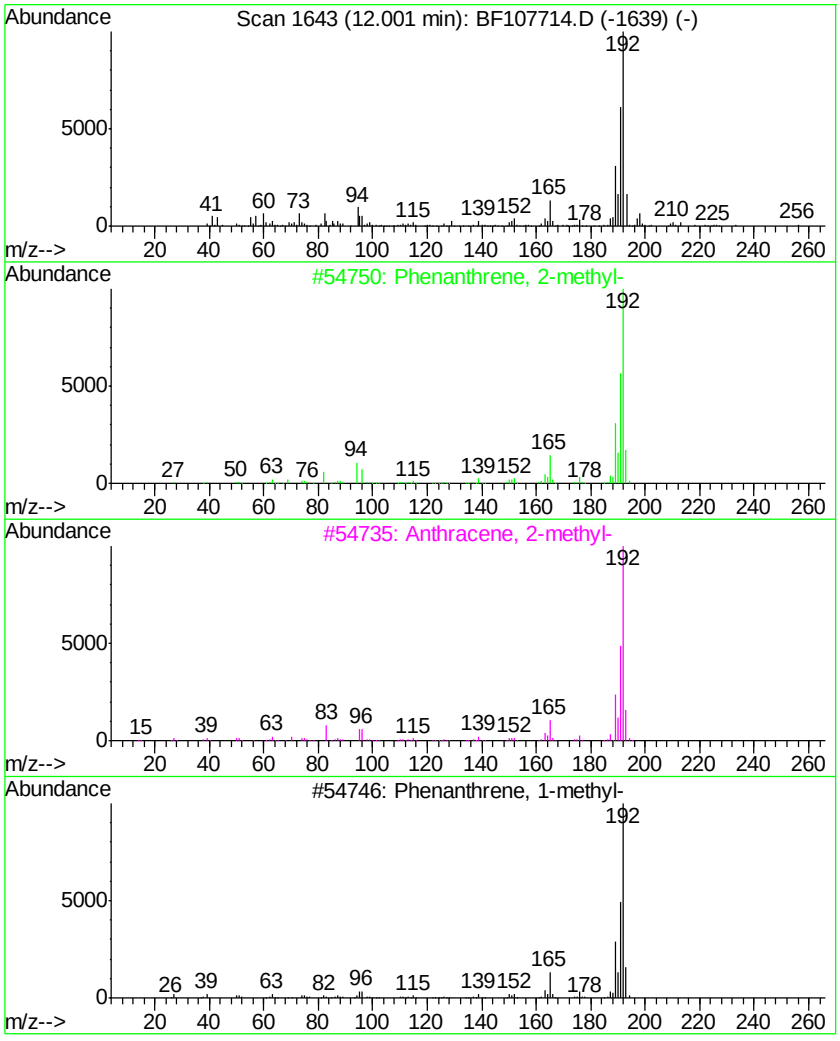
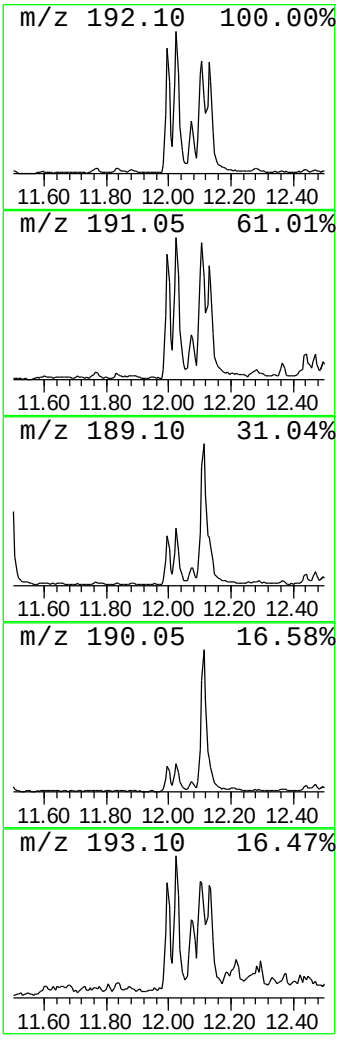
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	7.44 ng	431667	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Operator : JU/SJ
Sample : J4109-05 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SB-11(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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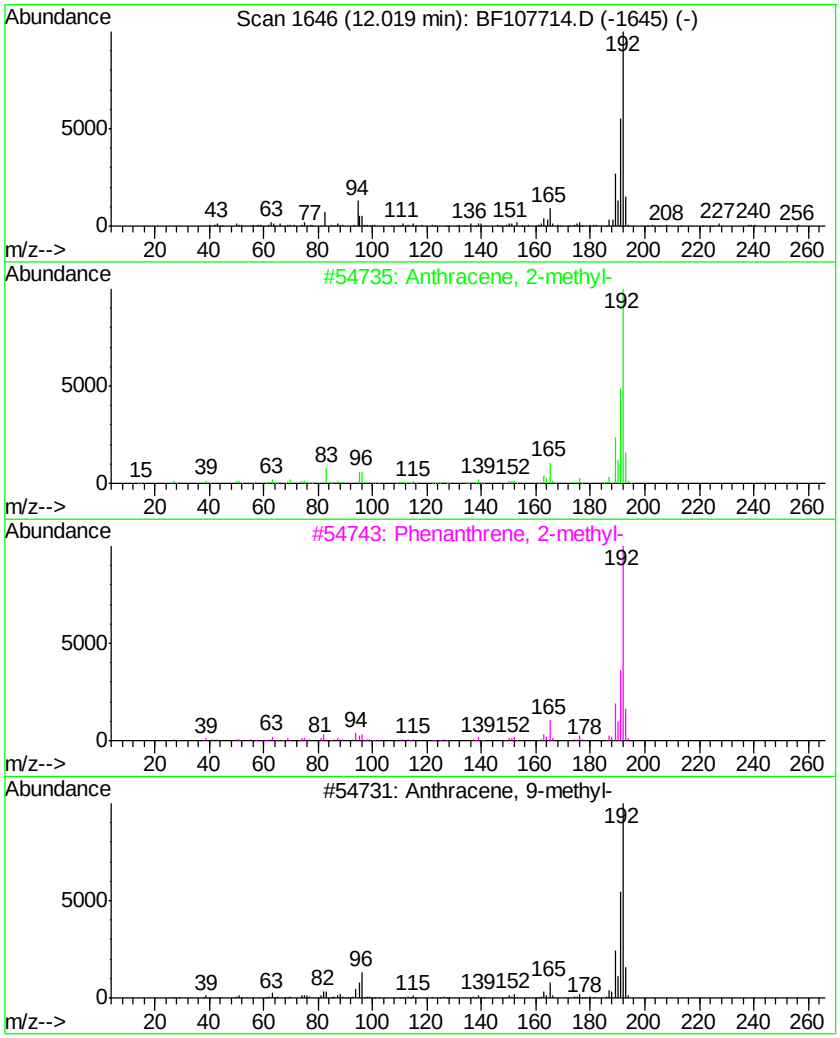
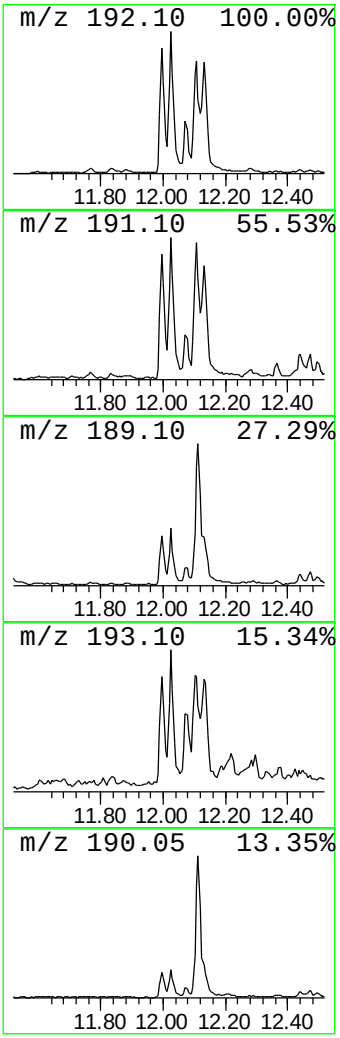
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.48 ng	317671	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Library Search Compound Report

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Acq On : 26 Jul 2018 21:48
Operator : JU/SJ
Sample : J4109-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11(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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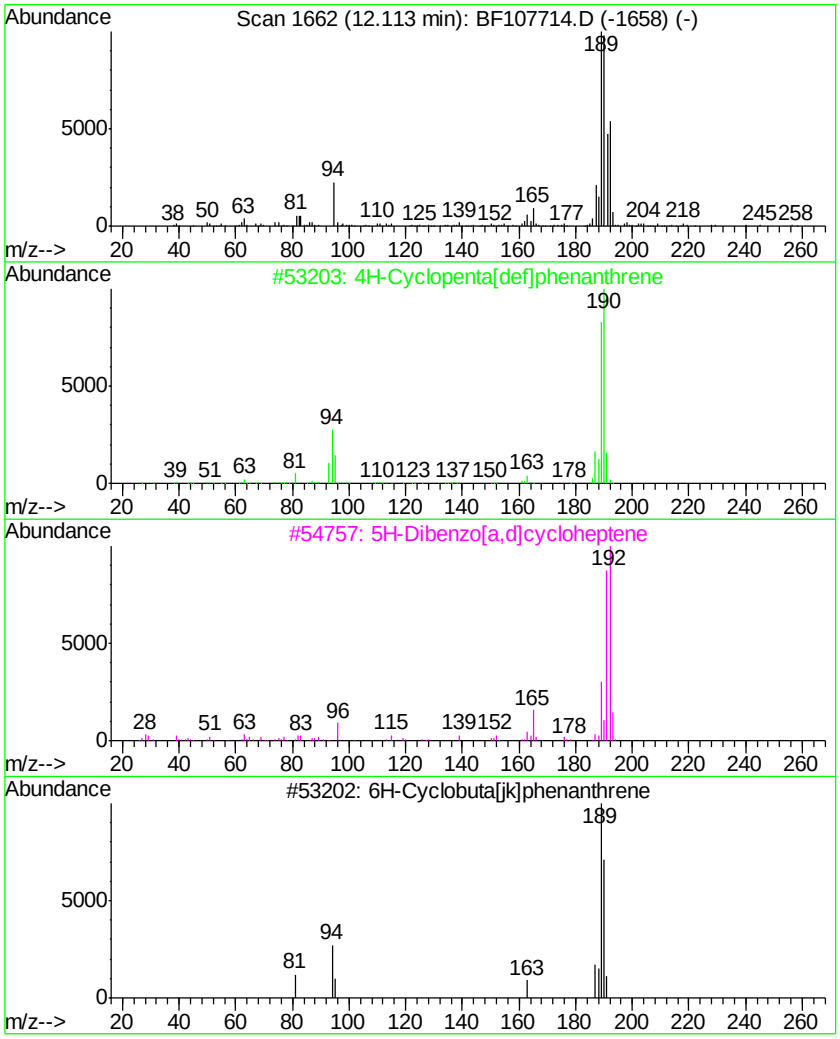
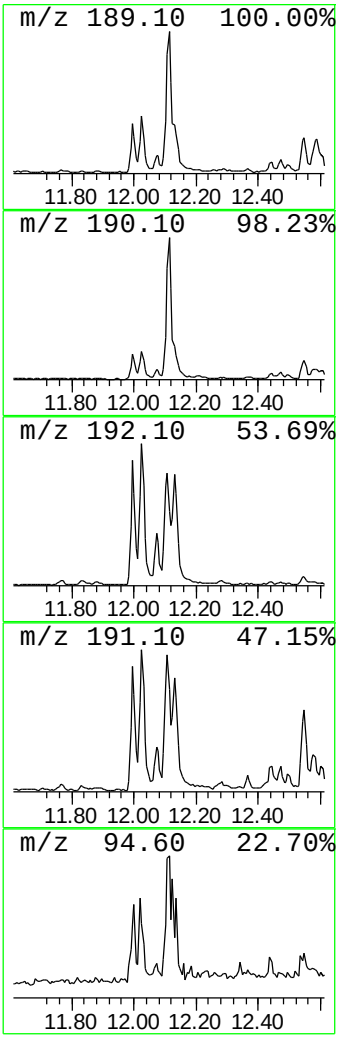
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	9.95 ng	577132	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	45
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	43





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Sample : J4109-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11(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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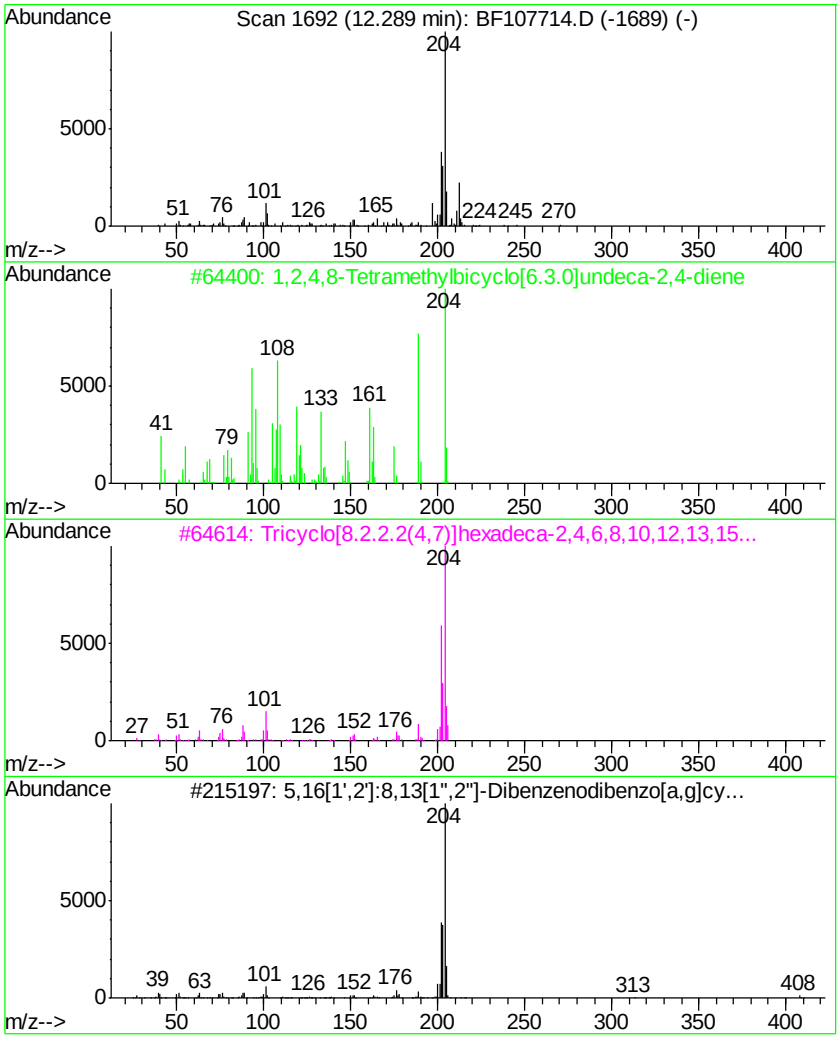
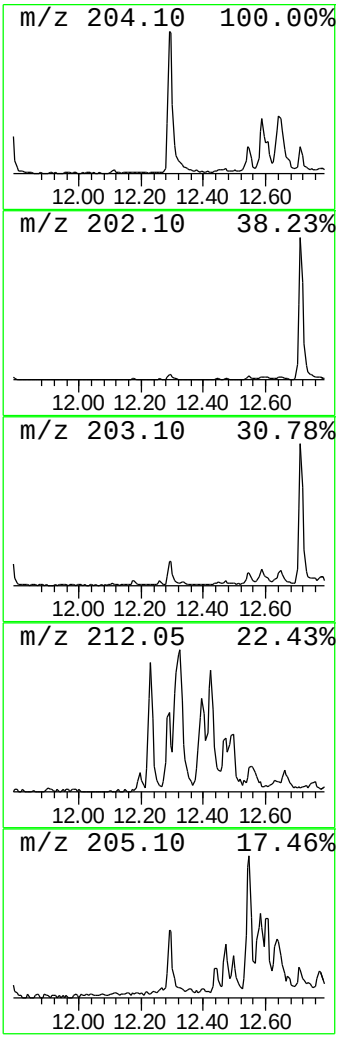
Peak Number 11 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.83 ng	222478	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	78
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	43





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Acq On : 26 Jul 2018 21:48
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Sample : J4109-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11(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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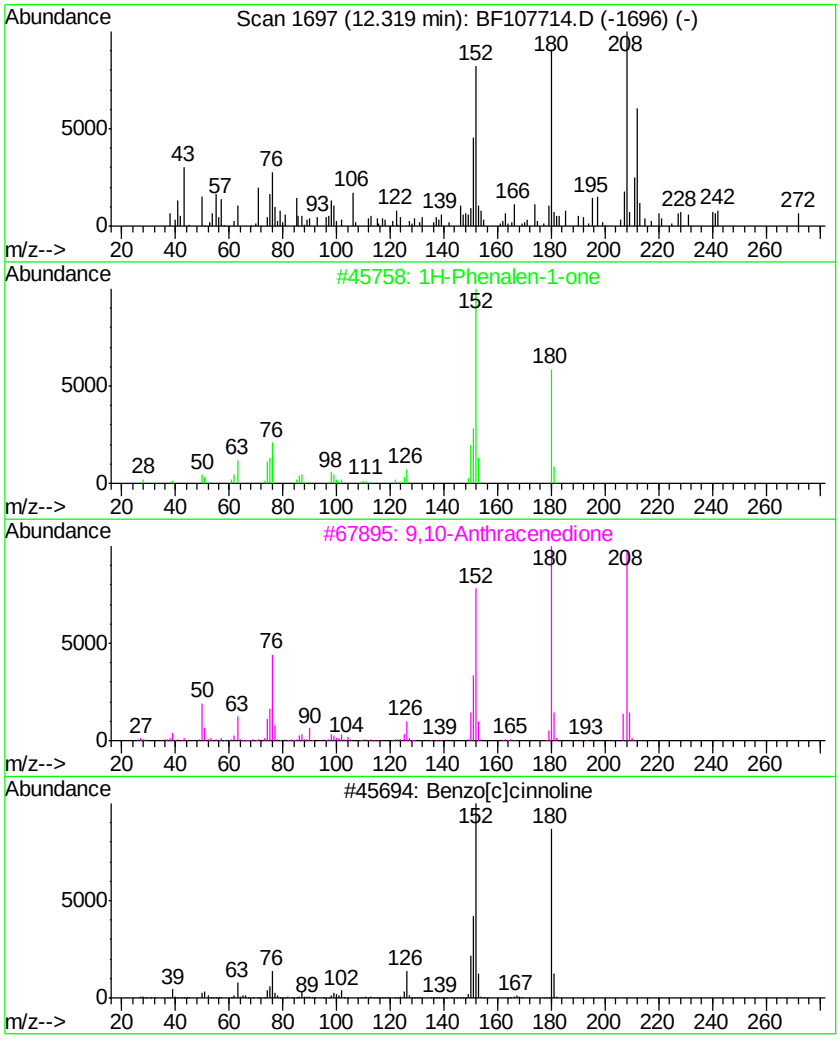
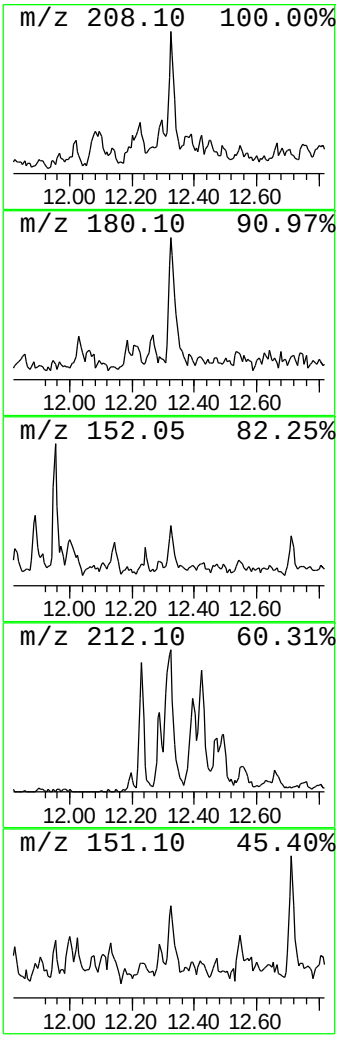
Peak Number 12 1H-Phenalen-1-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.86 ng	166114	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalen-1-one	180	C13H8O	000548-39-0	45
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	43
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	42
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	38
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	38





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Operator : JU/SJ
Sample : J4109-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11(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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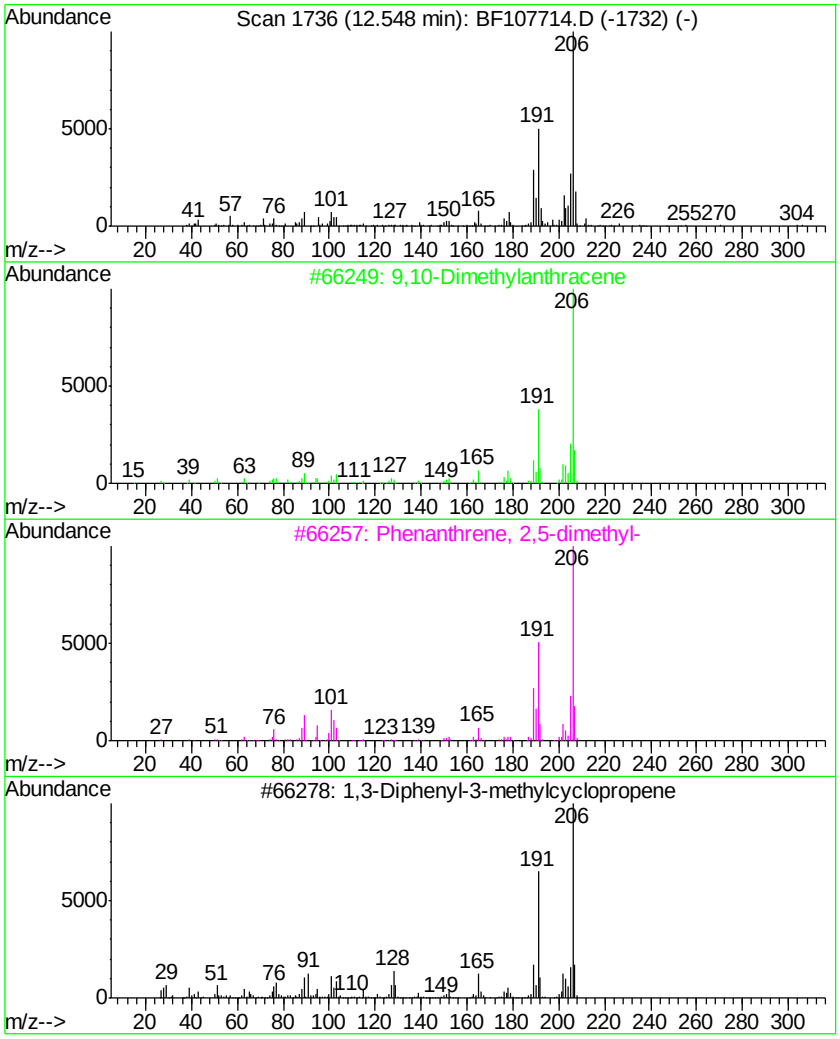
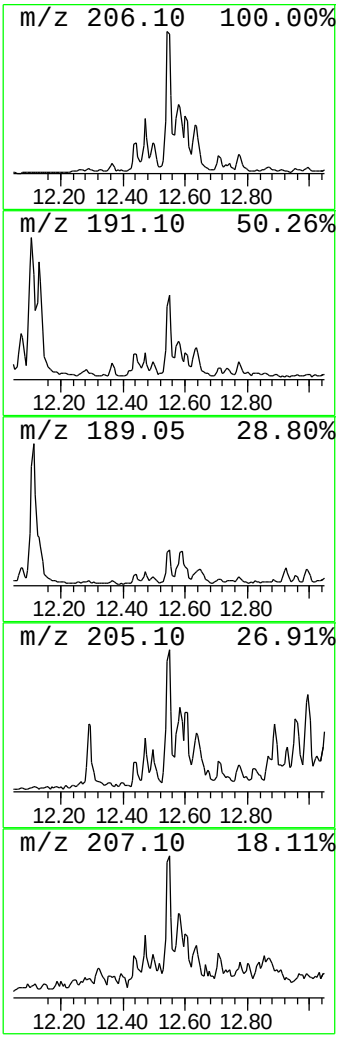
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	7.53 ng	436646	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	98
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	81





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11(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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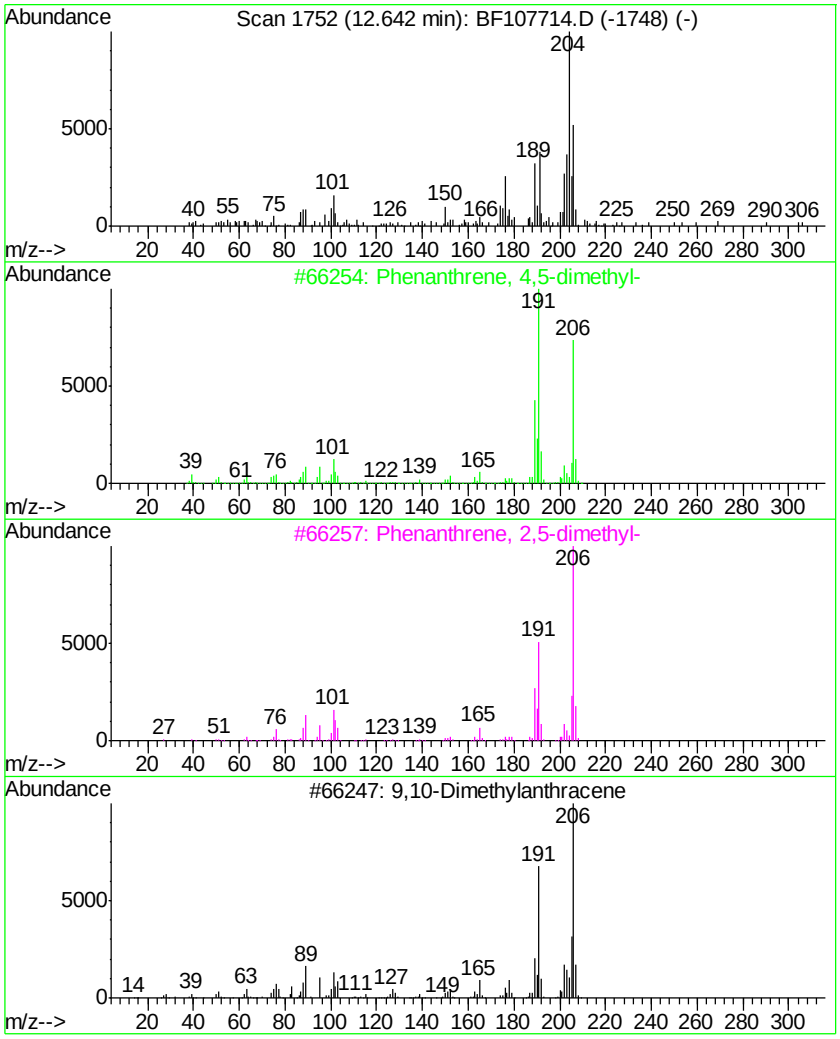
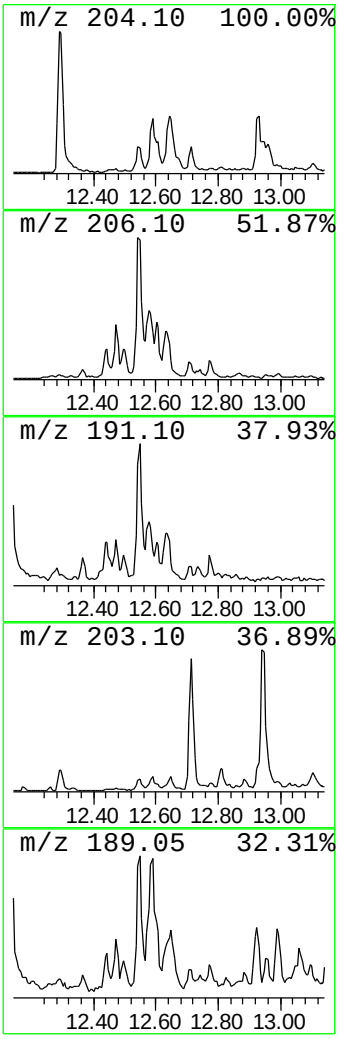
Peak Number 14 Phenanthrene, 4,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.96 ng	171633	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	70
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	50
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	45





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Operator : JU/SJ
Sample : J4109-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11(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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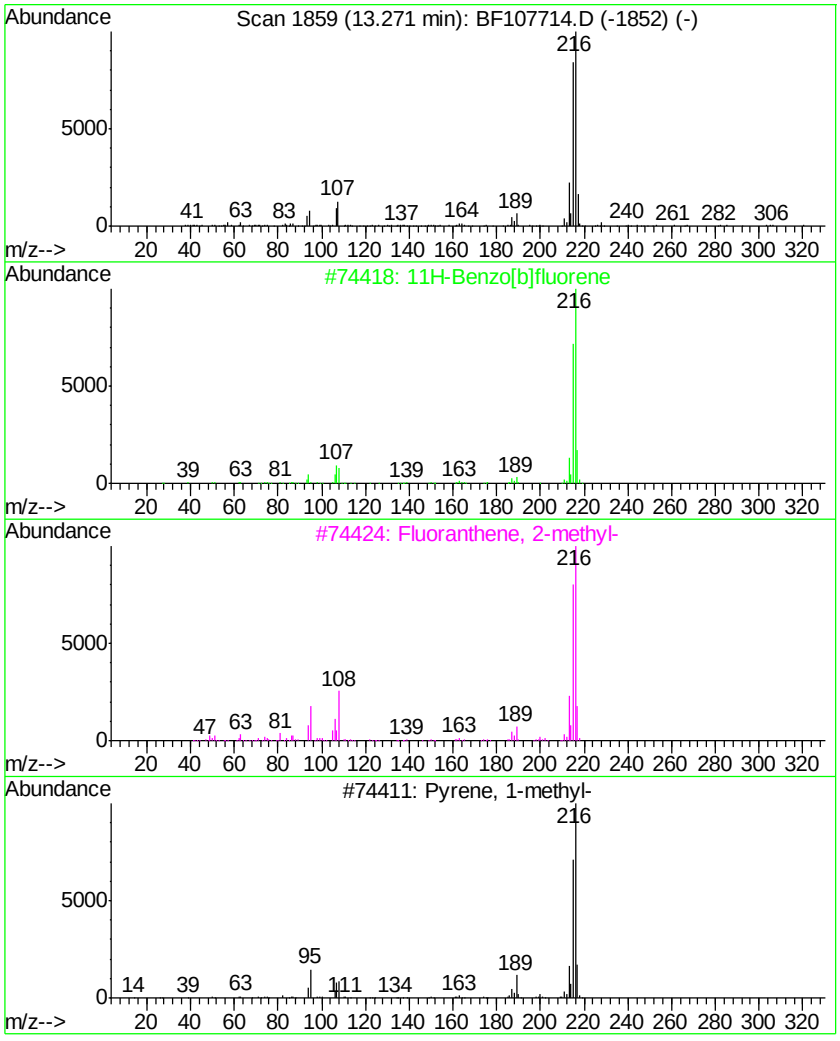
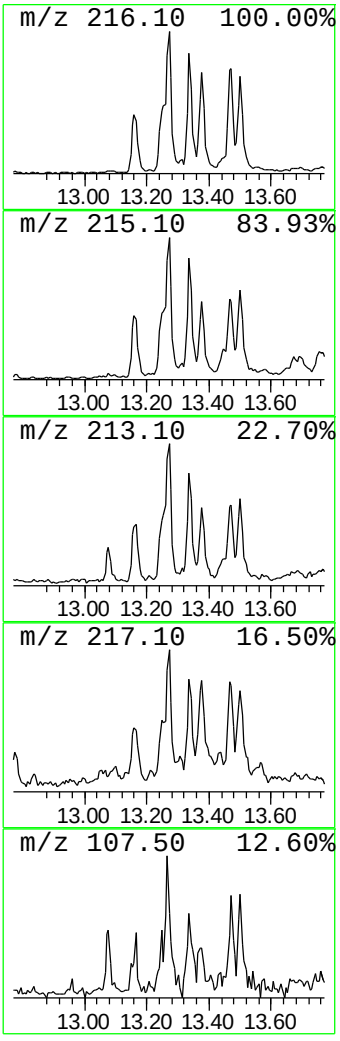
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	4.88 ng	509006	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	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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Misc :
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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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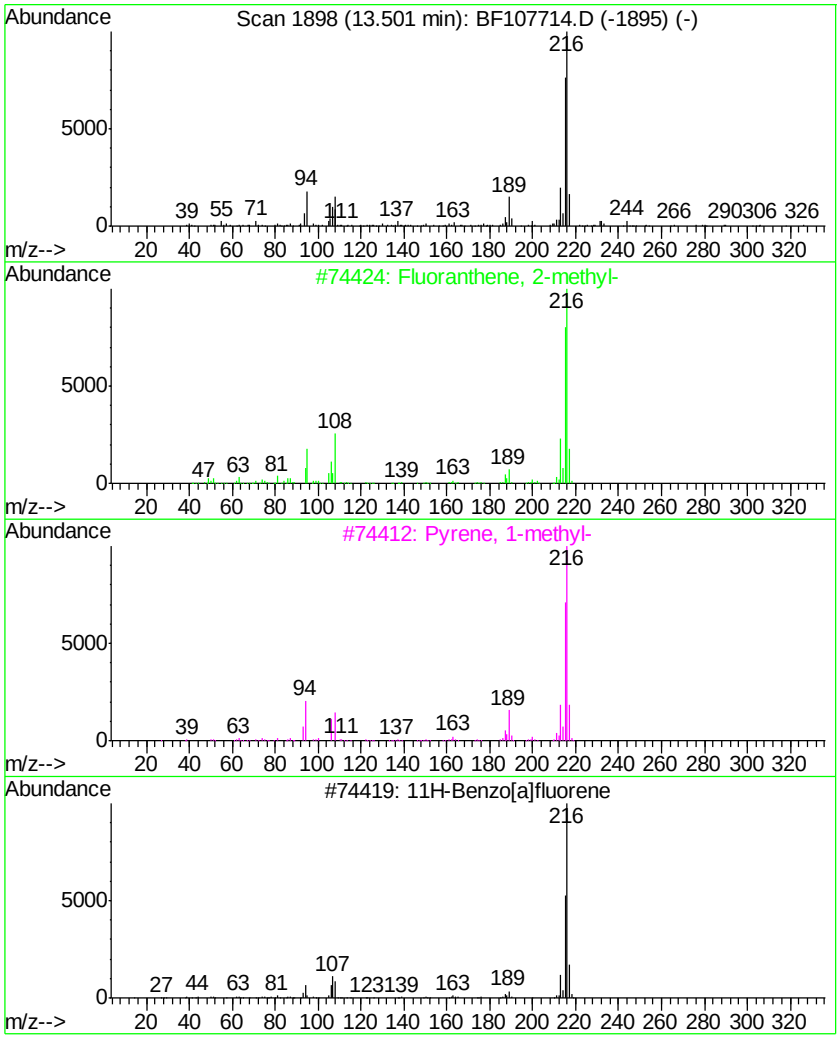
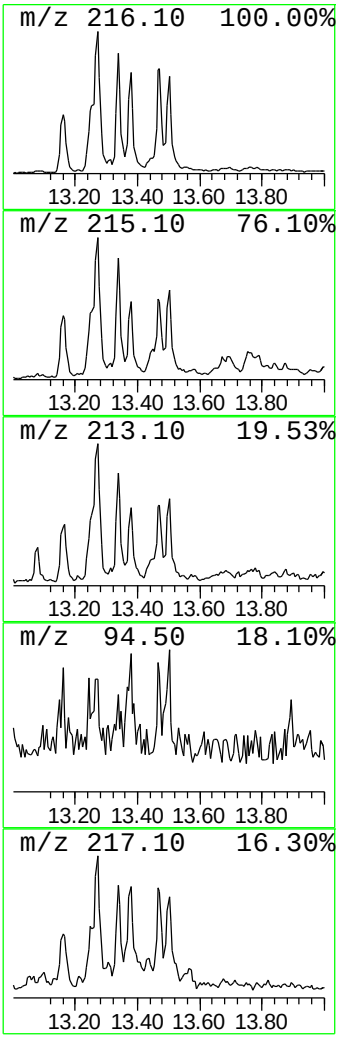
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	2.81 ng	293652	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11(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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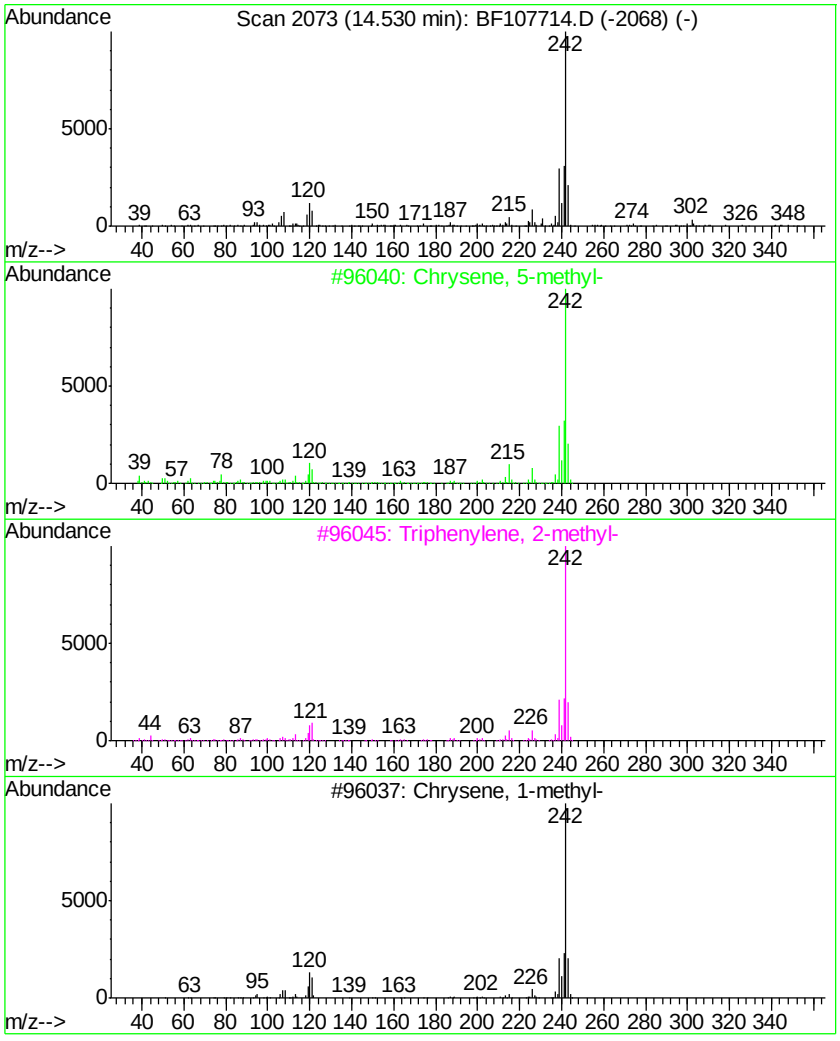
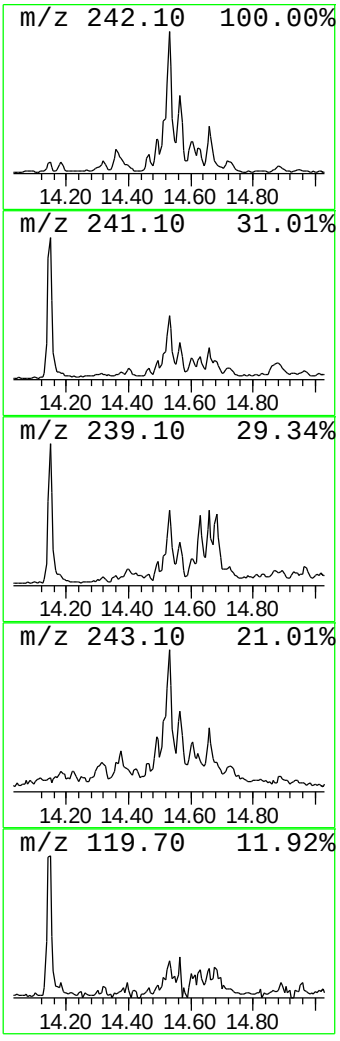
Peak Number 18 Chrysene, 5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	3.54 ng	369897	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-methyl-	242	C19H14	003697-24-3	94
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
5	2-Methylchrysene	242	C19H14	003351-32-4	90





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11(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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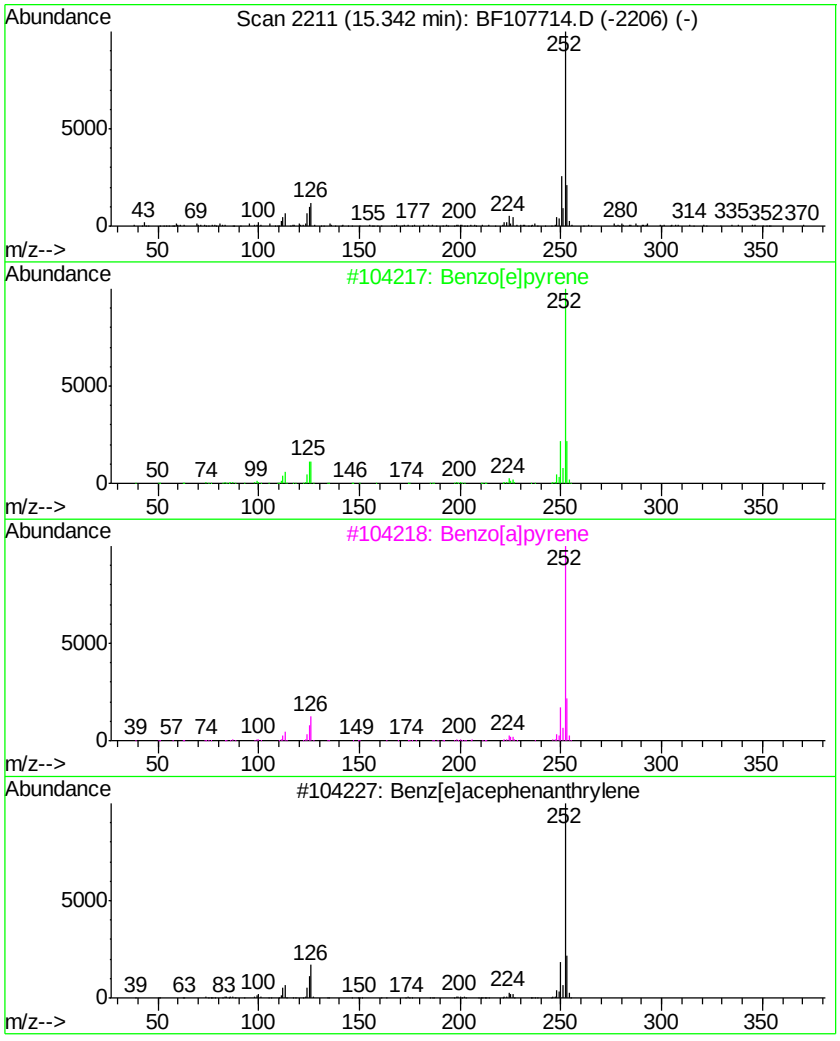
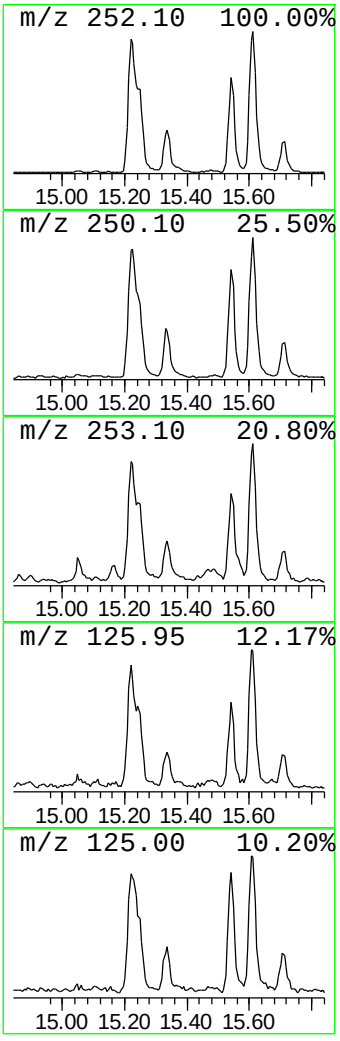
Peak Number 19 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	4.29 ng	208570	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[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107714.D
Acq On : 26 Jul 2018 21:48
Operator : JU/SJ
Sample : J4109-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11(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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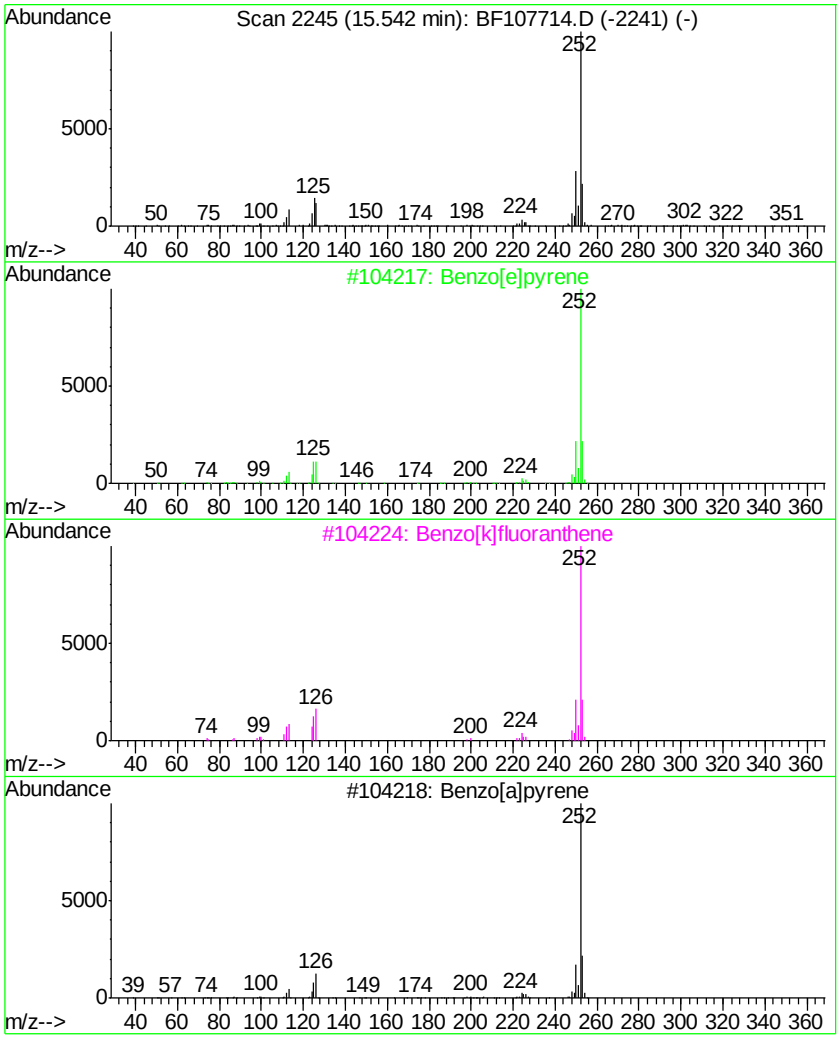
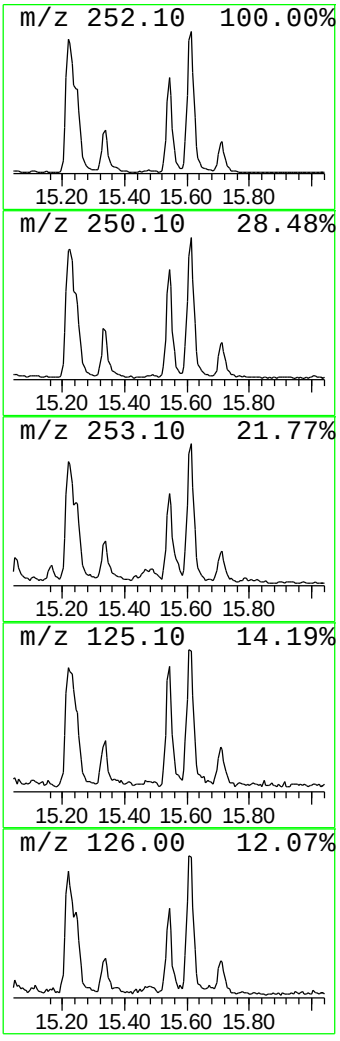
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	11.30 ng	549844	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[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107714.D
Acq On : 26 Jul 2018 21:48
Operator : JU/SJ
Sample : J4109-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-11(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...	5.18	4.6	ng	231345	1	6.96	1002290	20.0
unknown6.73	6.73	31.5	ng	1579180	1	6.96	1002290	20.0
Naphthalene, 1-me...	9.05	2.6	ng	161859	2	8.24	1243950	20.0
Pentadecane, 2,6,...	10.90	3.2	ng	184774	4	11.49	1160430	20.0
9H-Fluorene, 2-me...	11.10	2.7	ng	157259	4	11.49	1160430	20.0
Naphtho[1,2-b]thi...	11.39	3.4	ng	197581	4	11.49	1160430	20.0
Phenanthrene, 2-m...	12.00	7.4	ng	431667	4	11.49	1160430	20.0
Anthracene, 2-met...	12.02	5.5	ng	317671	4	11.49	1160430	20.0
4H-Cyclopenta[def...	12.11	9.9	ng	577132	4	11.49	1160430	20.0
1,2,4,8-Tetrameth...	12.29	3.8	ng	222478	4	11.49	1160430	20.0
1H-Phenalen-1-one	12.32	2.9	ng	166114	4	11.49	1160430	20.0
9,10-Dimethylanth...	12.55	7.5	ng	436646	4	11.49	1160430	20.0
Phenanthrene, 4,5...	12.64	3.0	ng	171633	4	11.49	1160430	20.0
11H-Benzo[b]fluorene	13.27	4.9	ng	509006	5	14.15	2087690	20.0
Fluoranthene, 2-m...	13.50	2.8	ng	293652	5	14.15	2087690	20.0
Chrysene, 5-methyl-	14.53	3.5	ng	369897	5	14.15	2087690	20.0
Benzo[e]pyrene	15.34	4.3	ng	208570	6	15.68	973060	20.0
Benzo[j]fluoranthene	15.54	11.3	ng	549844	6	15.68	973060	20.0