LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106678.D
Acq On : 21 Jun 2018 23:09
Operator : JU/SJ
Sample : J3523-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA2(D)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.601	552	555	564	rVB	325055	312371	19.70%	1.610%
2	6.595	721	724	733	rBV	375404	343173	21.65%	1.768%
3	6.731	744	747	751	rBV	395739	340394	21.47%	1.754%
4	6.960	782	786	789	rBV	482146	394363	24.88%	2.032%
5	7.113	809	812	815	rBV	326015	259493	16.37%	1.337%
6	7.519	877	881	884	rBV	249939	207195	13.07%	1.068%
7	8.242	1000	1004	1006	rBV	630589	498890	31.47%	2.571%
8	8.260	1006	1007	1010	rVB	80567	62118	3.92%	0.320%
9	8.819	1097	1102	1106	rBV	38766	37242	2.35%	0.192%
10	8.954	1122	1125	1128	rBV	50463	41523	2.62%	0.214%
11	9.054	1139	1142	1145	rBV	58732	49463	3.12%	0.255%
12	9.313	1183	1186	1190	rVB	477687	359230	22.66%	1.851%
13	9.383	1194	1198	1201	rBV	65982	57052	3.60%	0.294%
14	9.583	1227	1232	1235	rBV2	34762	47278	2.98%	0.244%
15	9.654	1237	1244	1247	rBV	58343	74585	4.70%	0.384%
16	9.707	1250	1253	1260	rVB2	86793	99774	6.29%	0.514%
17	9.772	1260	1264	1266	rBV2	29551	34423	2.17%	0.177%
18	9.913	1281	1288	1292	rVB	92532	78268	4.94%	0.403%
19	10.001	1300	1303	1306	rVV2	633779	546044	34.44%	2.814%
20	10.031	1306	1308	1312	rVV	200095	179632	11.33%	0.926%
21	10.101	1316	1320	1324	rBV	19188	27740	1.75%	0.143%
22	10.154	1324	1329	1334	rBV3	30332	51661	3.26%	0.266%
23	10.207	1334	1338	1340	rVV2	112148	114121	7.20%	0.588%
24	10.236	1340	1343	1347	rVB3	42216	43424	2.74%	0.224%
25	10.313	1352	1356	1359	rBV	36725	38846	2.45%	0.200%
26	10.342	1359	1361	1367	rVB2	30034	30175	1.90%	0.155%
27	10.413	1367	1373	1377	rBV2	108995	124387	7.85%	0.641%
28	10.548	1392	1396	1401	rBV	207559	185774	11.72%	0.957%
29	10.630	1408	1410	1413	rVV2	82461	77102	4.86%	0.397%
30	10.683	1417	1419	1421	rBV2	26923	27072	1.71%	0.140%
31	10.707	1421	1423	1428	rVB2	50019	50633	3.19%	0.261%
32	10.789	1434	1437	1441	rBV	257955	253926	16.02%	1.308%
33	10.883	1450	1453	1464	rVB3	104556	179254	11.31%	0.924%
34	11.095	1483	1489	1492	rBV2	58834	92299	5.82%	0.476%

LSC Area Percent Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA2(D)

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

35	11.125	1492	1494	1497	rVV2	45256	48991	3.09%	0.252%
36	11.177	1500	1503	1506	rVB2	35643	41417	2.61%	0.213%
37	11.225	1506	1511	1512	rBV3	33777	53482	3.37%	0.276%
38	11.248	1512	1515	1519	rVV4	36178	46360	2.92%	0.239%
39	11.336	1526	1530	1533	rVV	109683	113974	7.19%	0.587%
40	11.366	1533	1535	1537	rVV2	51156	46811	2.95%	0.241%
41	11.389	1537	1539	1545	rVB	92881	77684	4.90%	0.400%
42	11.495	1553	1557	1559	rBV	590555	562196	35.46%	2.897%
43	11.519	1559	1561	1565	rVV	1183762	1052296	66.38%	5.422%
44	11.572	1567	1570	1573	rVV	410830	345620	21.80%	1.781%
45	11.601	1573	1575	1580	rVV	50564	56434	3.56%	0.291%
46	11.648	1580	1583	1588	rVV5	20969	30594	1.93%	0.158%
47	11.725	1592	1596	1600	rVV	88457	113676	7.17%	0.586%
48	11.760	1600	1602	1605	rVV	77714	65443	4.13%	0.337%
49	11.825	1608	1613	1618	rVB5	33221	45106	2.85%	0.232%
50	11.907	1624	1627	1632	rBV3	22825	32243	2.03%	0.166%
51	11.995	1639	1642	1644	rBV	203764	158756	10.01%	0.818%
52	12.024	1644	1647	1650	rVB	268217	221195	13.95%	1.140%
53	12.072	1650	1655	1658	rBV	131758	126039	7.95%	0.649%
54	12.113	1658	1662	1664	rVV2	312699	368131	23.22%	1.897%
55	12.130	1664	1665	1669	rVB	154068	93532	5.90%	0.482%
56	12.172	1669	1672	1675	rBV	89874	73301	4.62%	0.378%
57	12.289	1689	1692	1695	rVB	150289	115000	7.25%	0.593%
58	12.319	1695	1697	1700	rBV2	46415	33765	2.13%	0.174%
59	12.436	1712	1717	1721	rBV4	66742	91368	5.76%	0.471%
60	12.472	1721	1723	1725	rVV	40811	27419	1.73%	0.141%
61	12.495	1725	1727	1729	rVB	44947	34229	2.16%	0.176%
62	12.548	1732	1736	1740	rBV2	119455	191898	12.10%	0.989%
63	12.583	1740	1742	1744	rVV2	66267	70405	4.44%	0.363%
64	12.636	1748	1751	1755	rBV3	61960	89113	5.62%	0.459%
65	12.719	1760	1765	1768	rBV	1323796	1313715	82.87%	6.770%
66	12.748	1768	1770	1772	rVB2	48461	39892	2.52%	0.206%
67	12.772	1772	1774	1777	rVB	53098	38607	2.44%	0.199%
68	12.830	1781	1784	1787	rBV3	22661	35755	2.26%	0.184%
69	12.866	1787	1790	1792	rBV	63006	49541	3.12%	0.255%
70	12.948	1797	1804	1808	rBV2	1315905	1585319	100.00%	8.169%
71	12.989	1808	1811	1815	rVB2	90110	93621	5.91%	0.482%

LSC Area Percent Report

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Sample : J3523-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA2(D)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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72	13.077	1818	1826	1828	rBV2	386974	459131	28.96%	2.366%
73	13.101	1828	1830	1833	rVB	78566	67297	4.25%	0.347%
74	13.154	1835	1839	1844	rBV3	108728	187487	11.83%	0.966%
75	13.248	1851	1855	1856	rBV3	67882	89625	5.65%	0.462%
76	13.266	1856	1858	1861	rVB	199196	192018	12.11%	0.989%
77	13.336	1867	1870	1872	rBV	221072	174593	11.01%	0.900%
78	13.371	1872	1876	1879	rBV2	138064	163218	10.30%	0.841%
79	13.401	1879	1881	1883	rVB2	35374	29639	1.87%	0.153%
80	13.466	1889	1892	1895	rBV	95523	91144	5.75%	0.470%
81	13.501	1895	1898	1900	rBV	103635	95593	6.03%	0.493%
82	13.630	1917	1920	1923	rBV3	37123	47929	3.02%	0.247%
83	13.754	1938	1941	1942	rBV2	46383	50049	3.16%	0.258%
84	13.777	1943	1945	1949	rVB	58358	75325	4.75%	0.388%
85	13.895	1962	1965	1967	rBV	64499	59462	3.75%	0.306%
86	13.918	1967	1969	1971	rBV	113189	78443	4.95%	0.404%
87	13.948	1971	1974	1979	rVV2	82419	127307	8.03%	0.656%
88	14.142	2002	2007	2010	rBV2	772526	1155272	72.87%	5.953%
89	14.177	2010	2013	2020	rVB	570824	595022	37.53%	3.066%
90	14.254	2023	2026	2029	rBV	152495	126814	8.00%	0.653%
91	14.536	2072	2074	2077	rVB	104824	96436	6.08%	0.497%
92	14.689	2098	2100	2105	rVB2	81270	69595	4.39%	0.359%
93	15.230	2188	2192	2195	rBV	379251	583516	36.81%	3.007%
94	15.342	2208	2211	2214	rVB	81648	81141	5.12%	0.418%
95	15.554	2243	2247	2253	rVB	247749	325617	20.54%	1.678%
96	15.618	2254	2258	2264	rVV	359395	467495	29.49%	2.409%
97	15.683	2265	2269	2273	rVV	280931	424140	26.75%	2.186%
98	15.718	2273	2275	2281	rVB2	107951	127412	8.04%	0.657%
99	17.254	2531	2536	2542	rVB2	133687	232605	14.67%	1.199%
100	17.730	2612	2617	2627	rVB	102404	230927	14.57%	1.190%

Sum of corrected areas: 19406105

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
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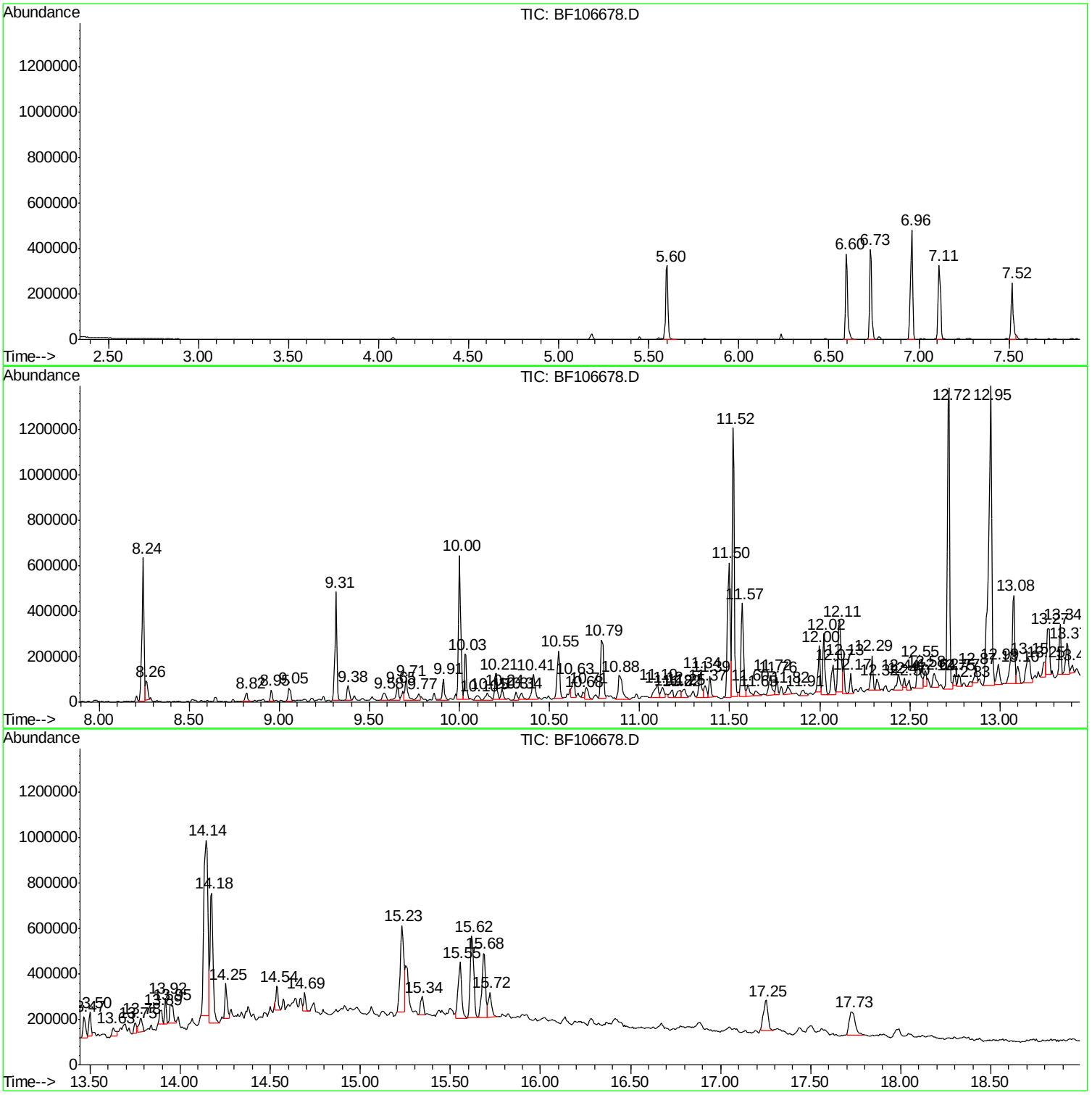
Acq On : 21 Jun 2018 23:09
Operator : JU/SJ
Sample : J3523-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA2(D)

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

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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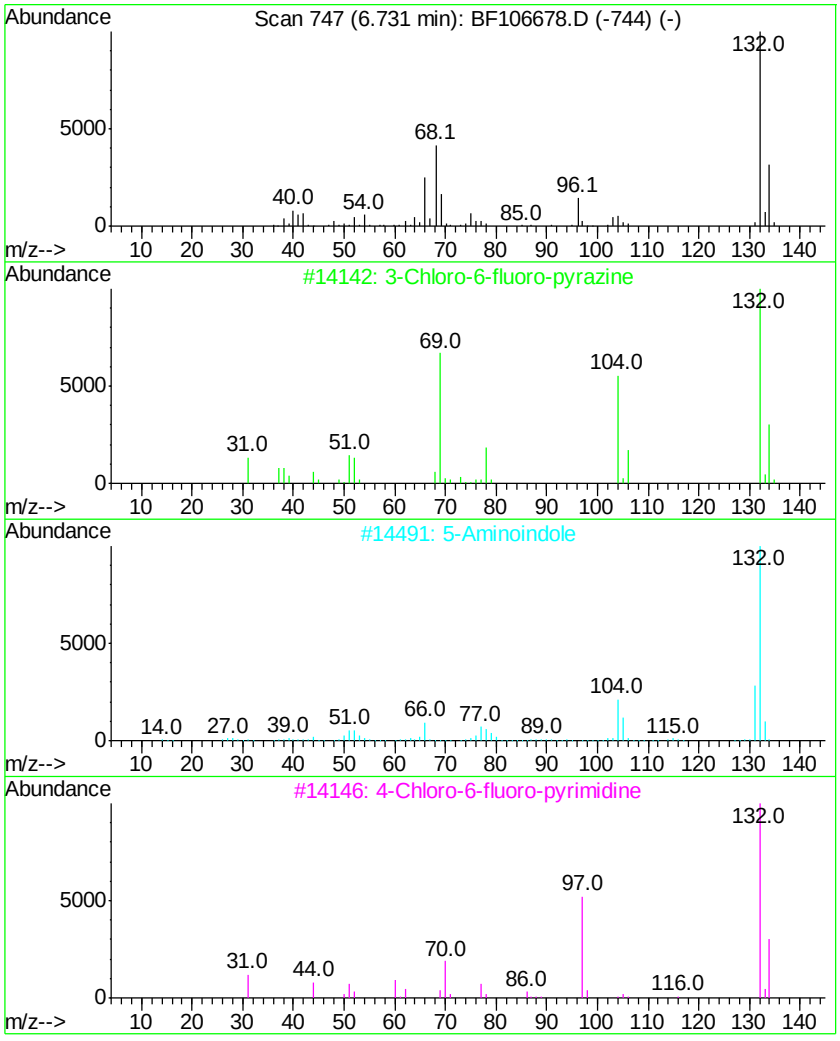
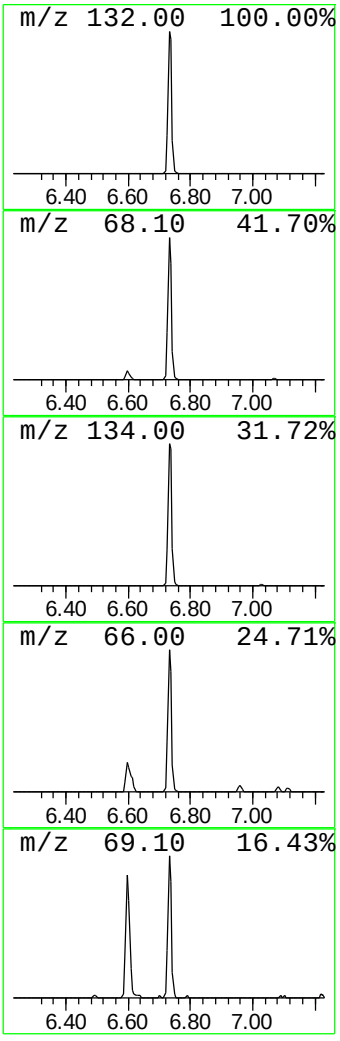
Peak Number 1 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	17.26 ng	340394	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Misc :
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Instrument : BNA_F
ClientSampleId : AREA2(D)

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

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

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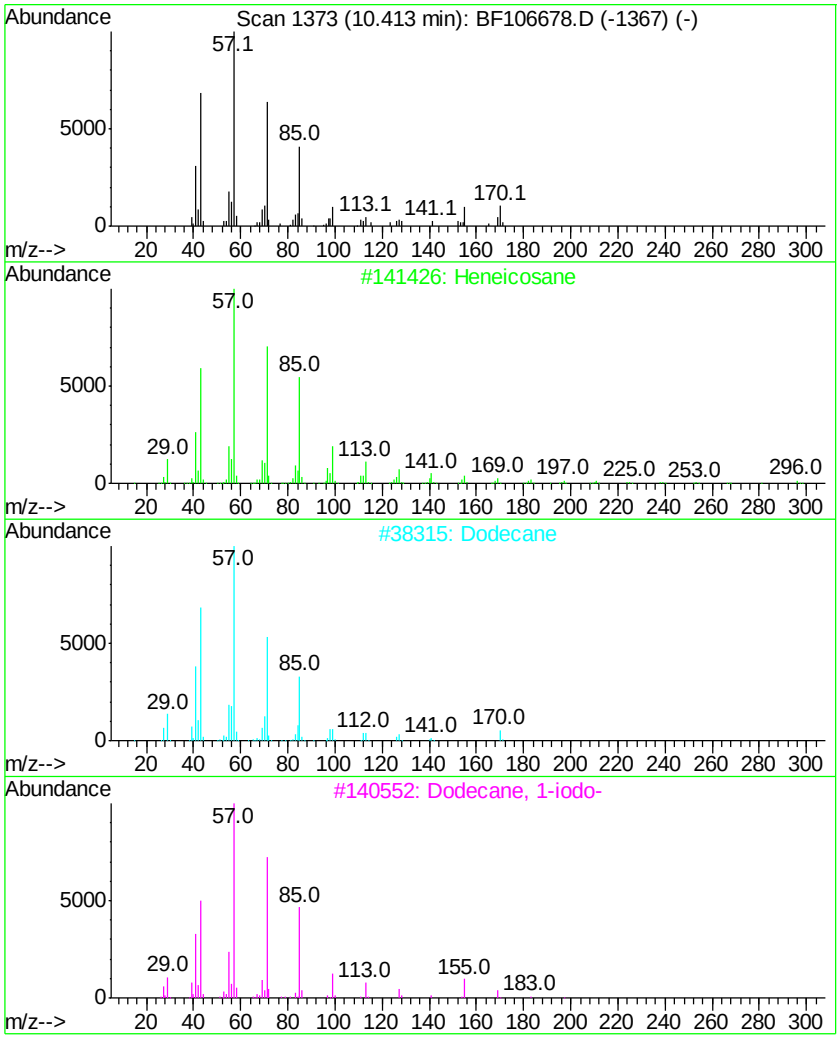
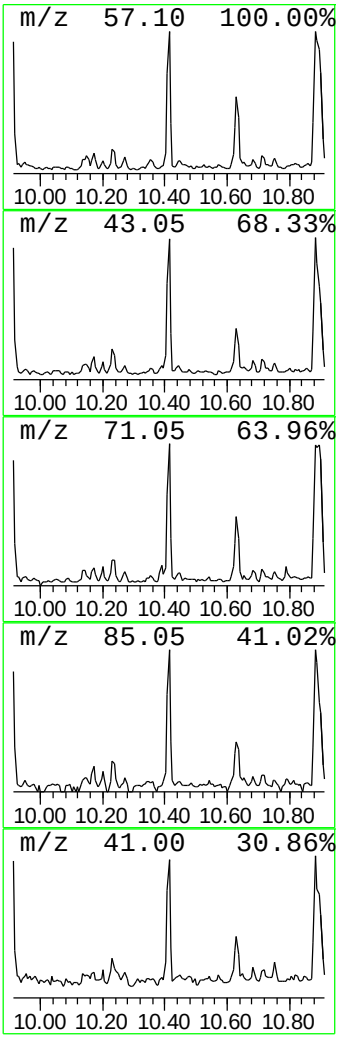
Peak Number 3 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	4.56 ng	124387	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	80
2	Dodecane	170	C12H26	000112-40-3	74
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





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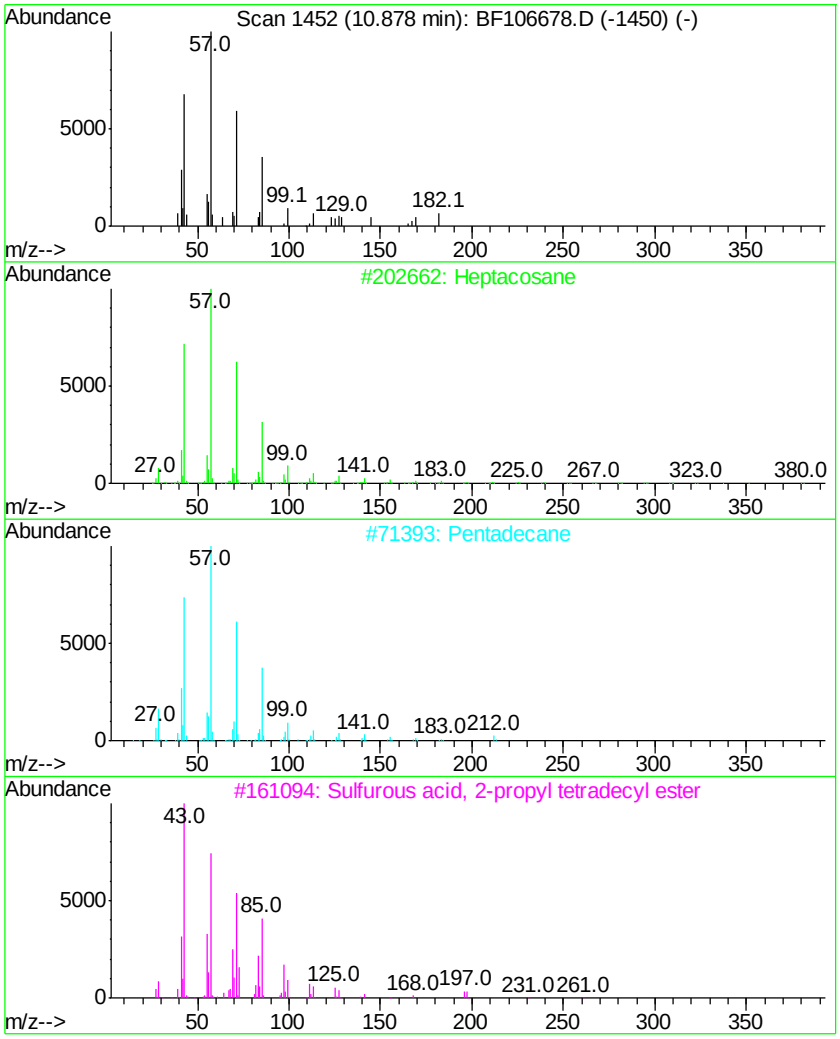
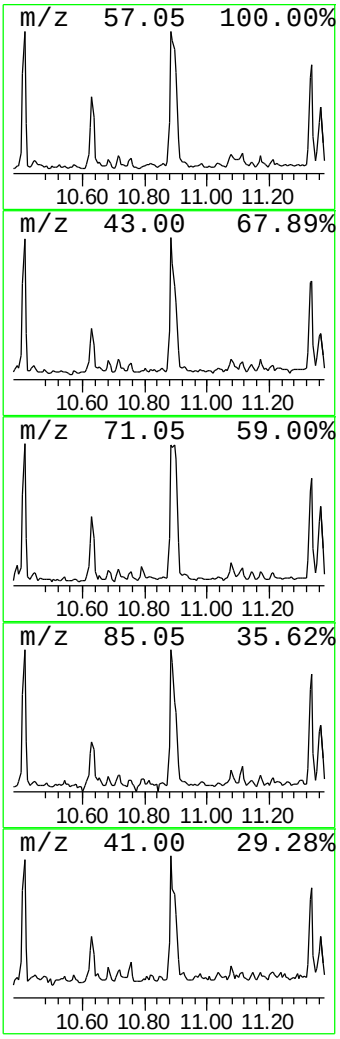
Peak Number 4 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	6.38 ng	179254	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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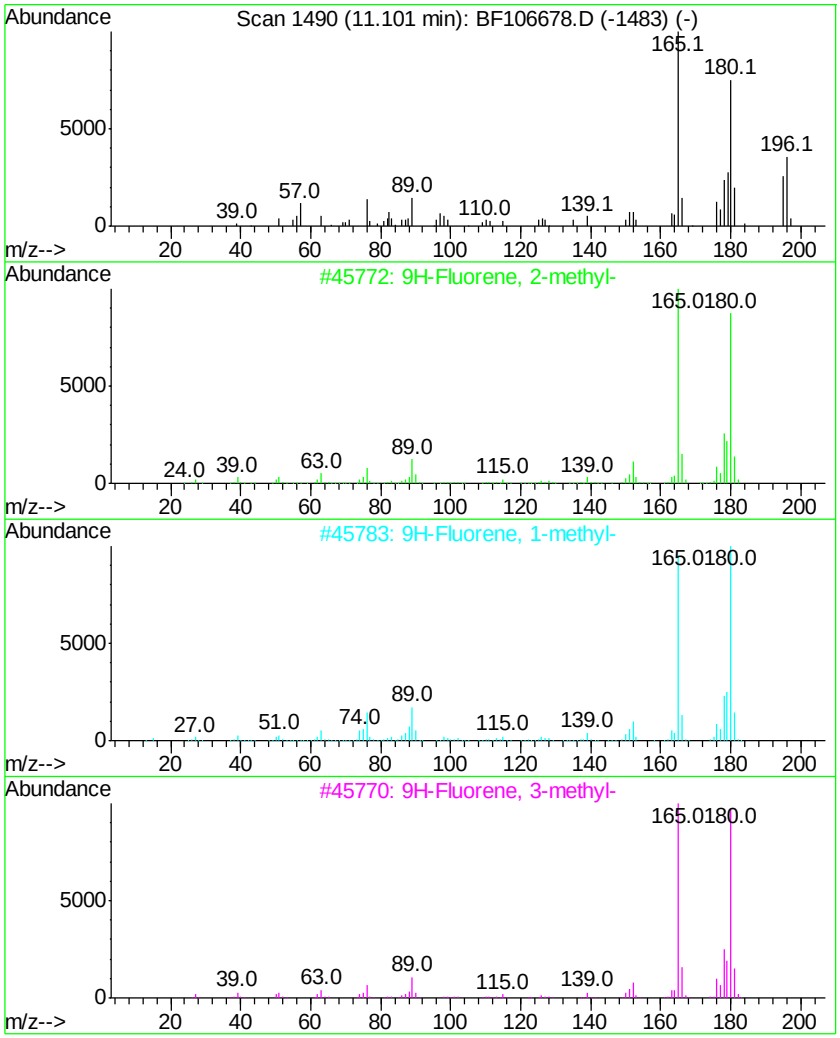
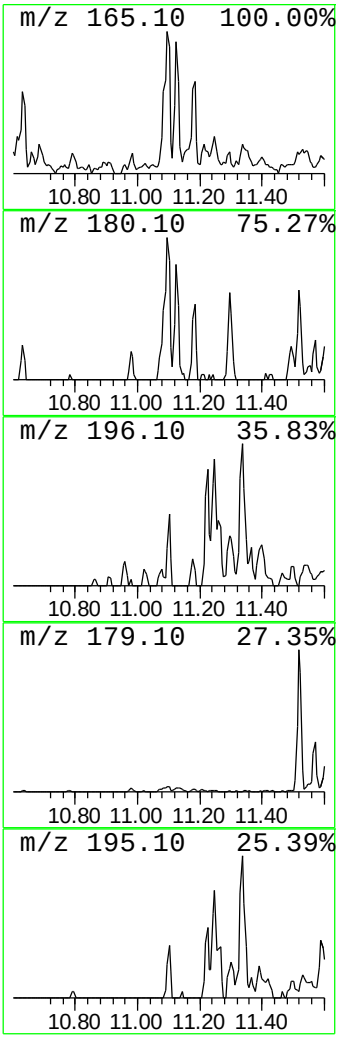
Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	3.28 ng	92299	Phenanthrene-d10	11.50

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	94
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA2(D)

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

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

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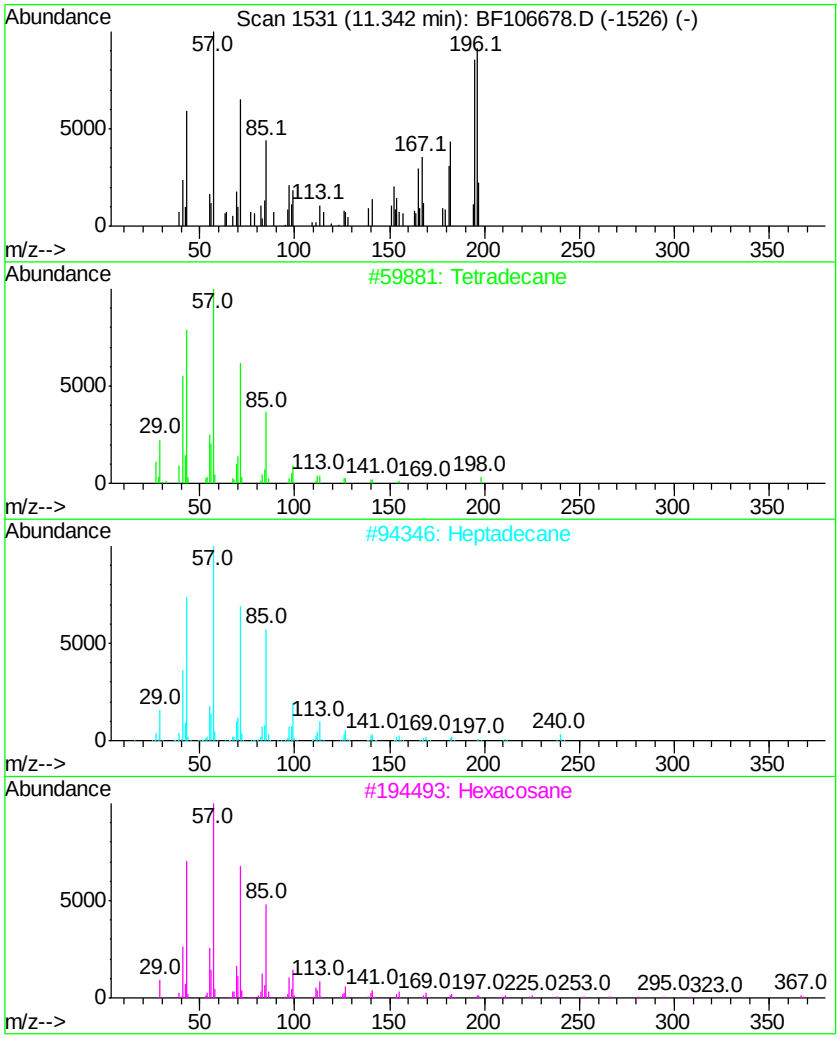
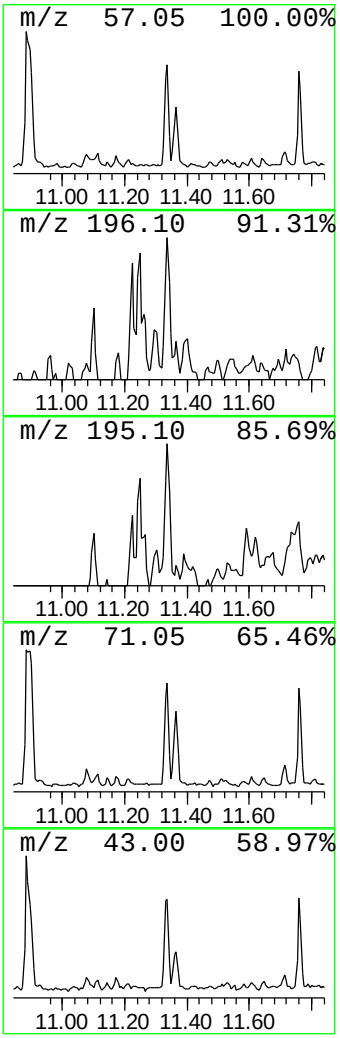
Peak Number 6 unknown11.34 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	4.05 ng	113974	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	49
2	Heptadecane	240	C17H36	000629-78-7	42
3	Hexacosane	366	C26H54	000630-01-3	38
4	Tetracosane	338	C24H50	000646-31-1	38
5	Heneicosane	296	C21H44	000629-94-7	38





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Operator : JU/SJ
Sample : J3523-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA2(D)

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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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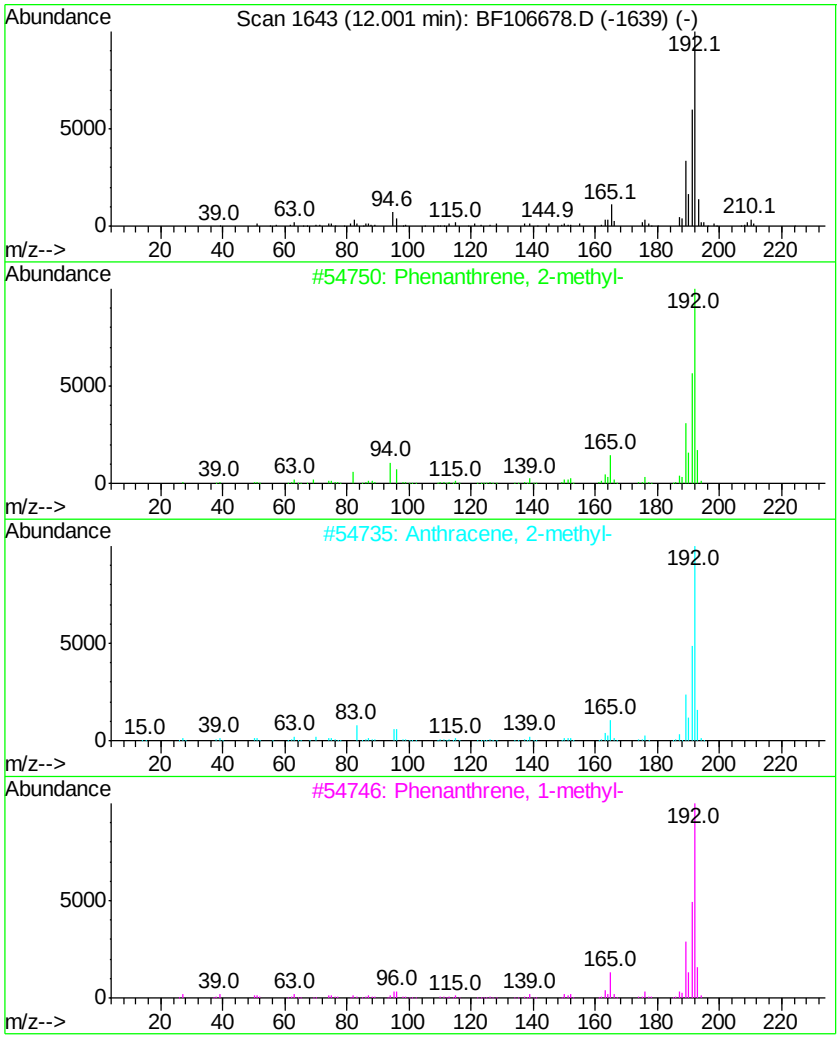
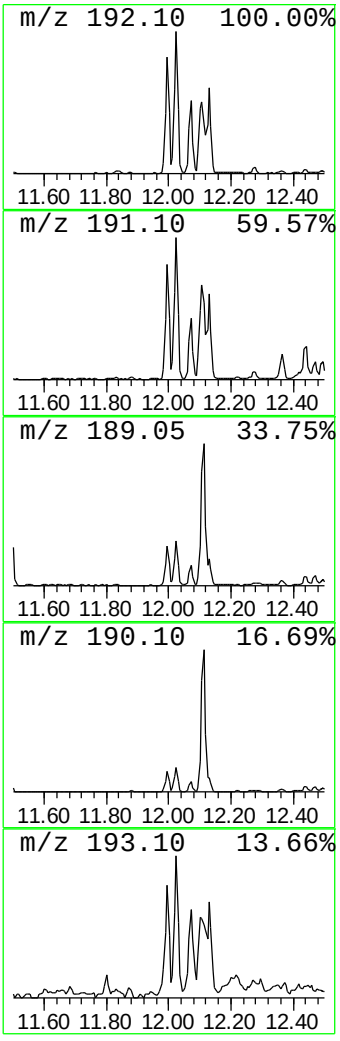
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	5.65 ng	158756	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Instrument : BNA_F
ClientSampleId : AREA2(D)

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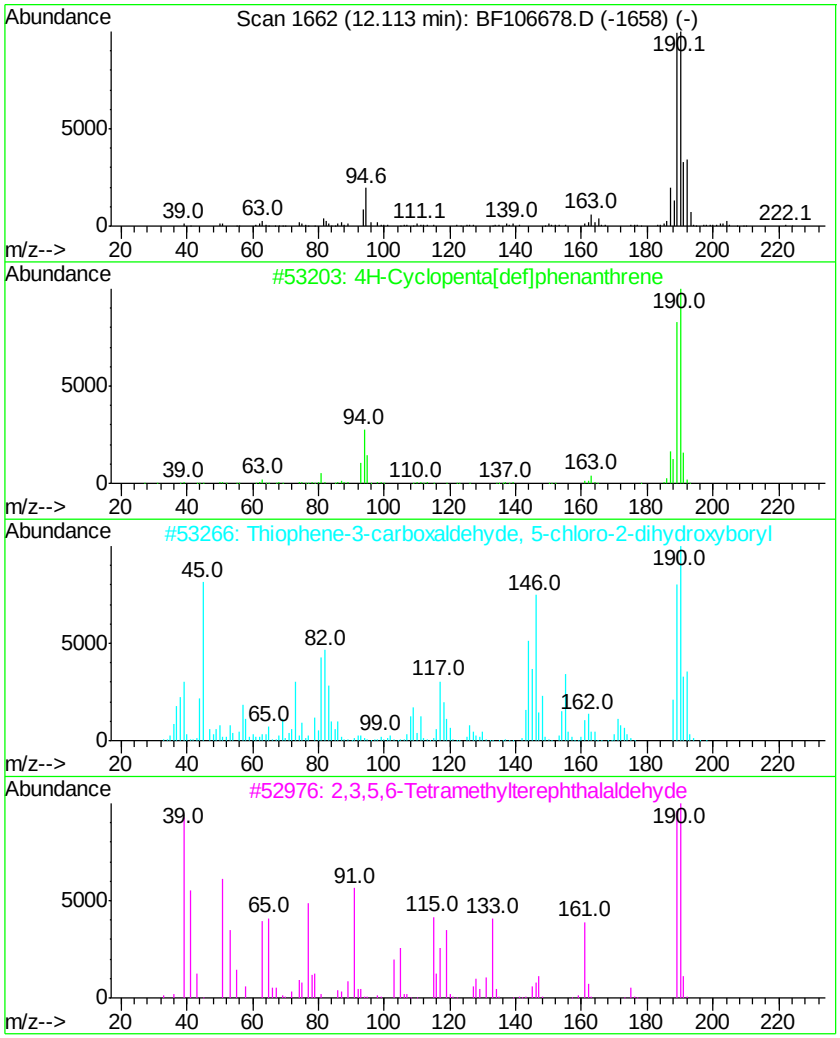
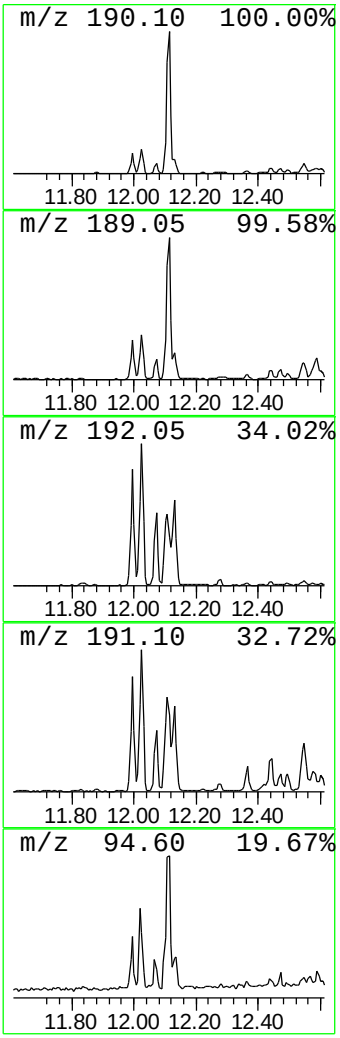
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	13.10 ng	368131	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Sample : J3523-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA2(D)

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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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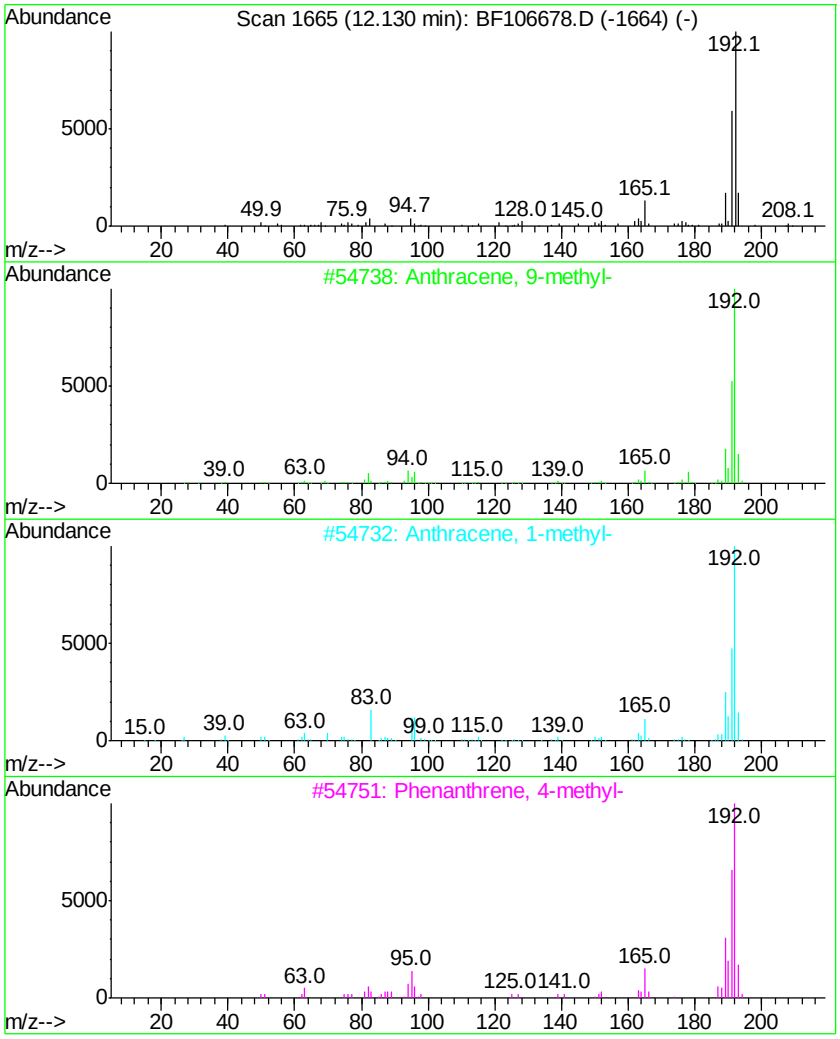
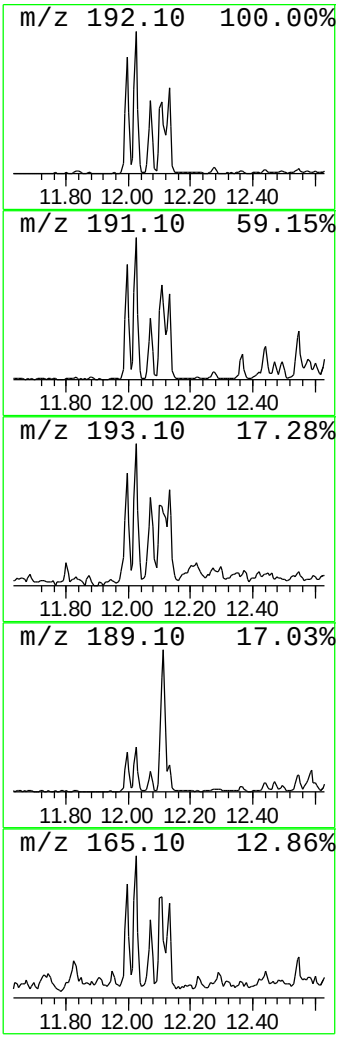
Peak Number 11 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	3.33 ng	93532	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA2(D)

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

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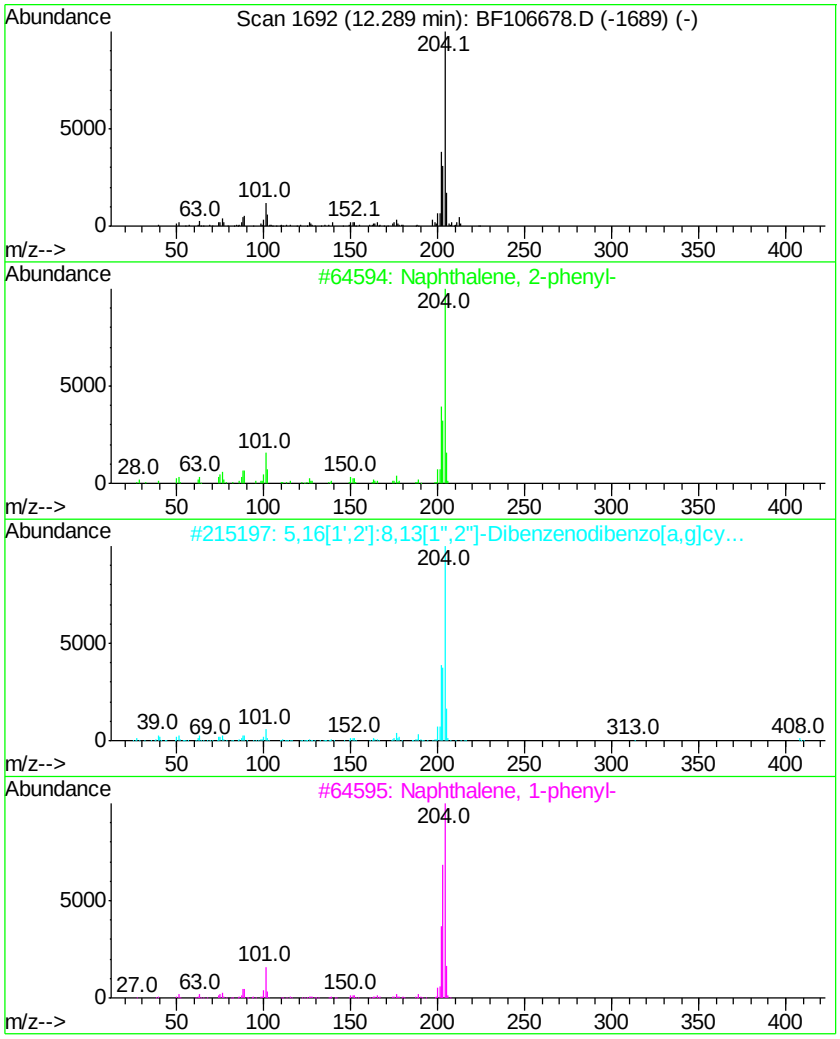
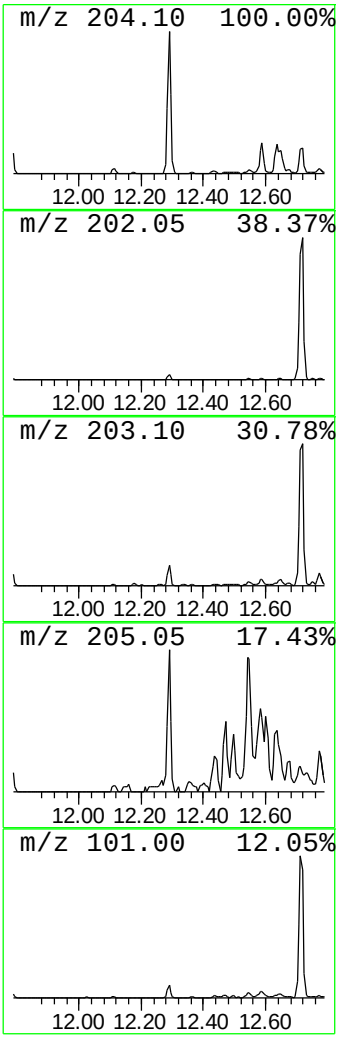
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.09 ng	115000	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62





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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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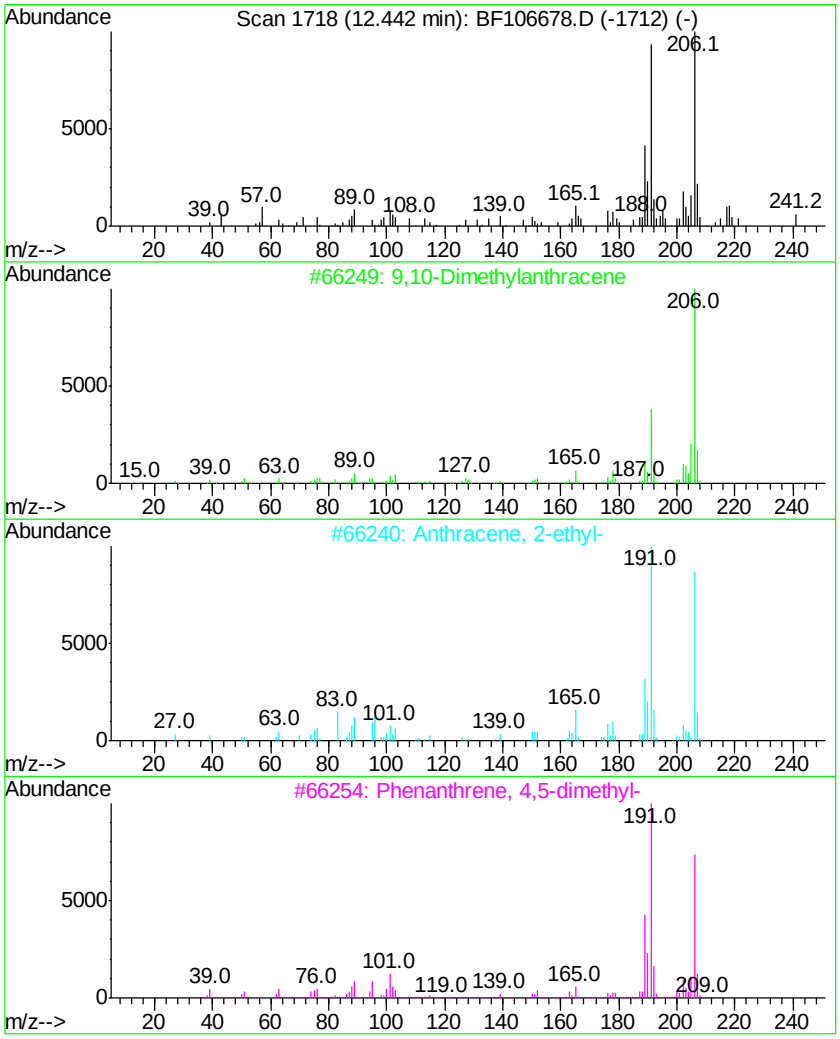
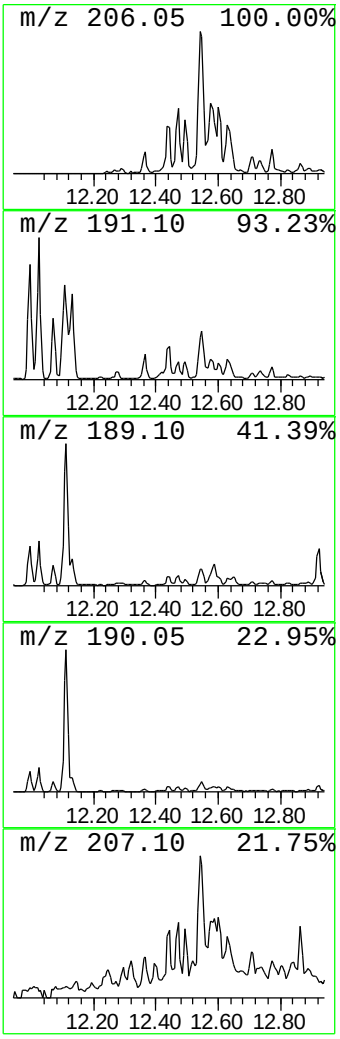
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	3.25 ng	91368	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA2(D)

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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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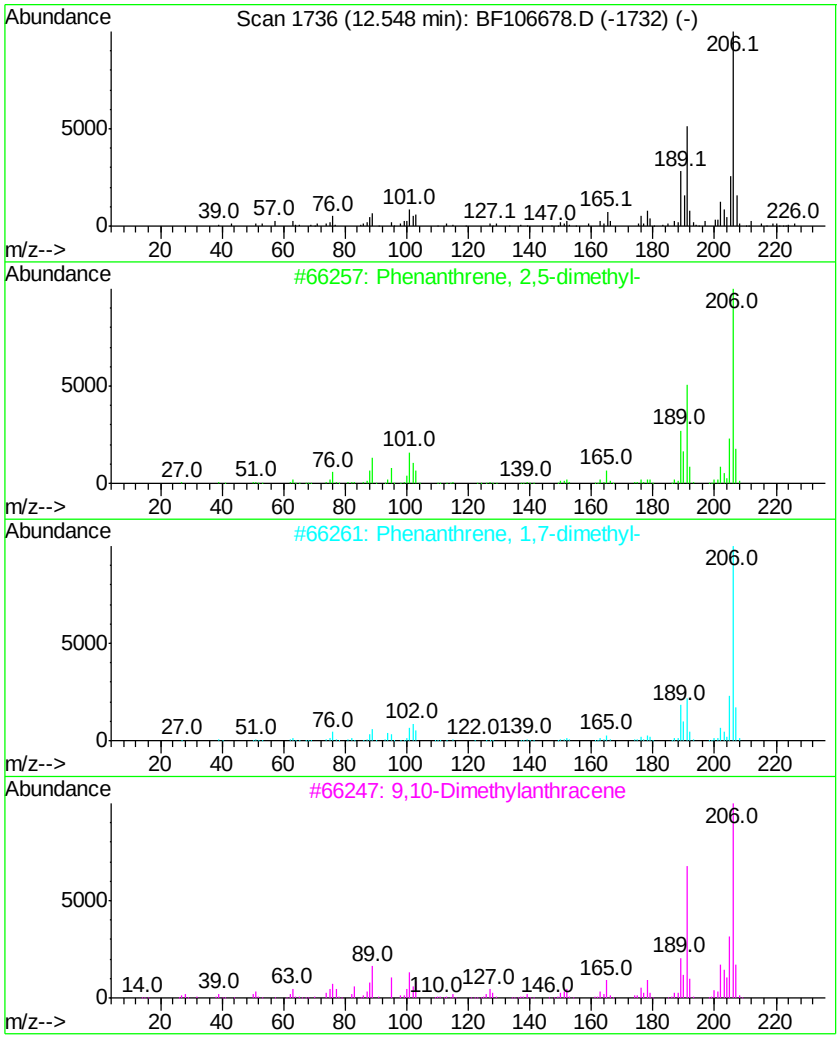
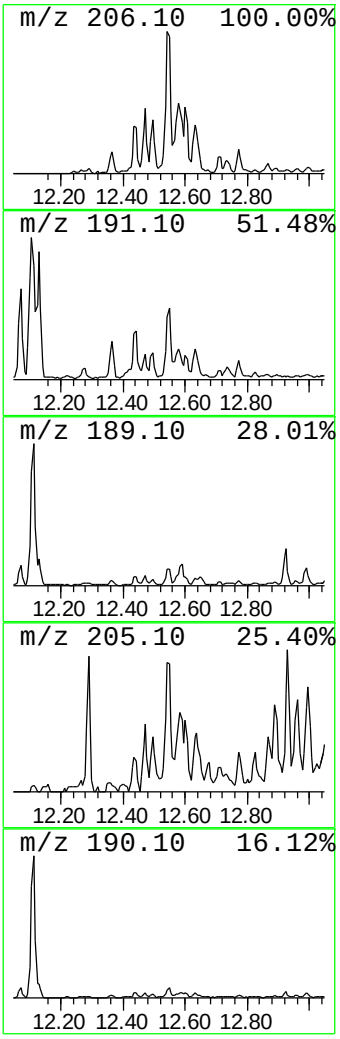
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	6.83 ng	191898	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA2(D)

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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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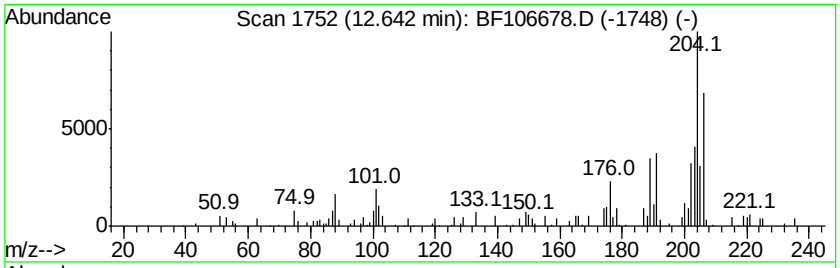
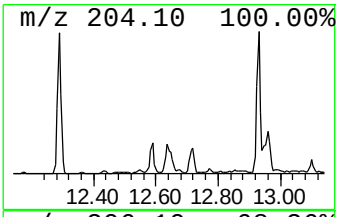
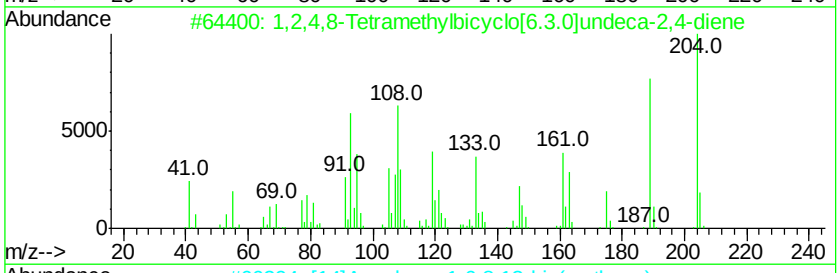
Peak Number 15 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 19

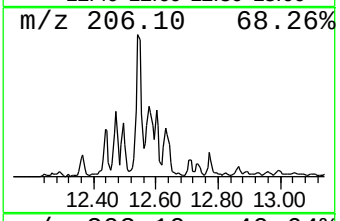
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	3.17 ng	89113	Phenanthrene-d10	11.50

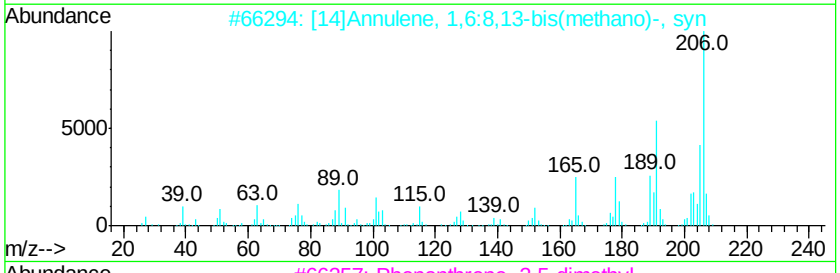
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	49
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	46
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	45
5	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	43

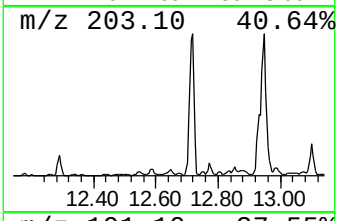


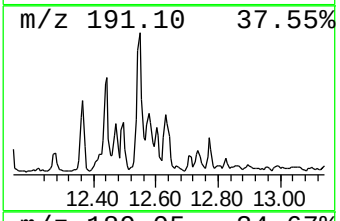


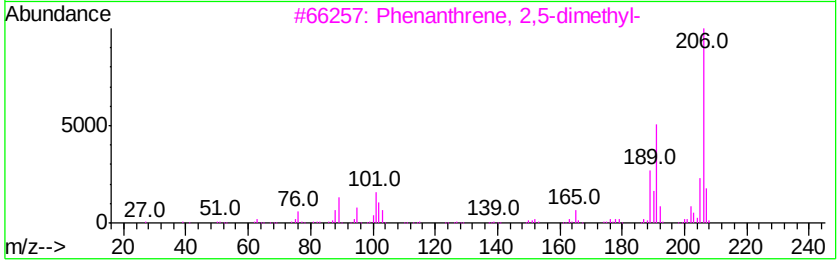


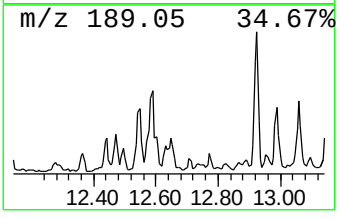












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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA2(D)

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

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

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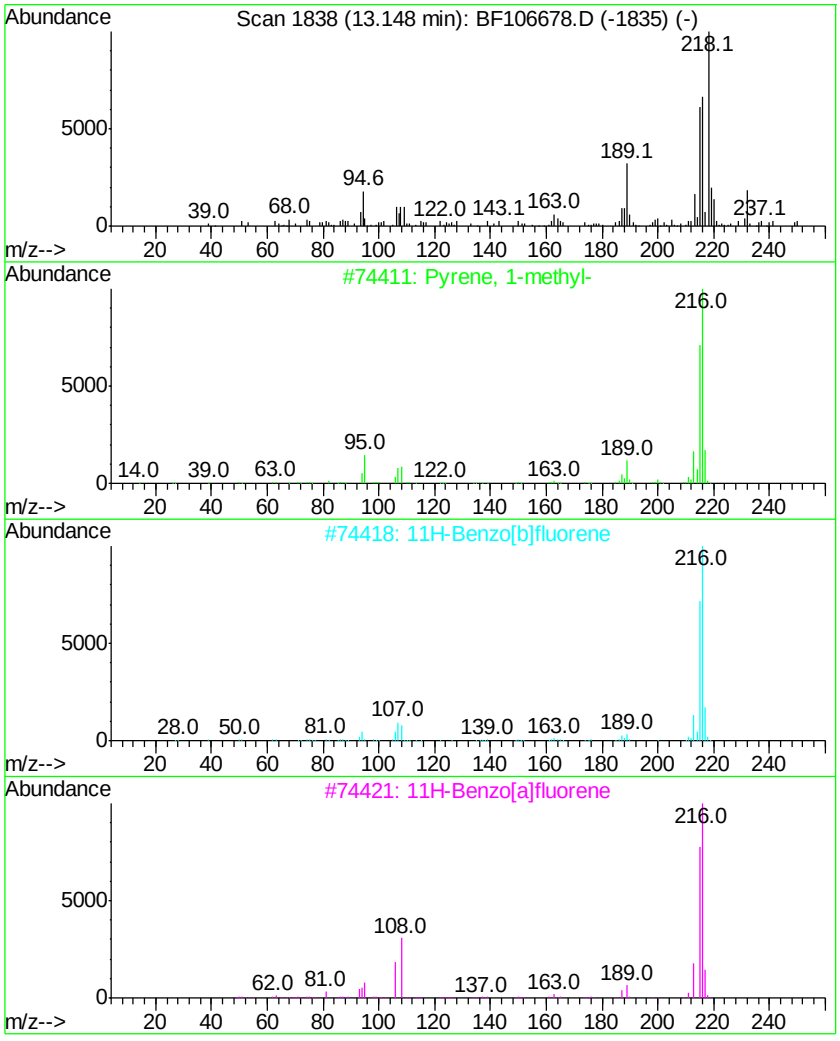
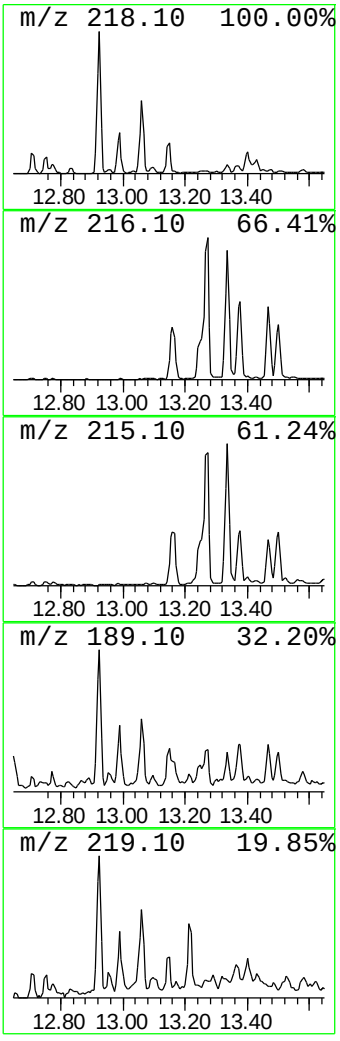
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.25 ng	187487	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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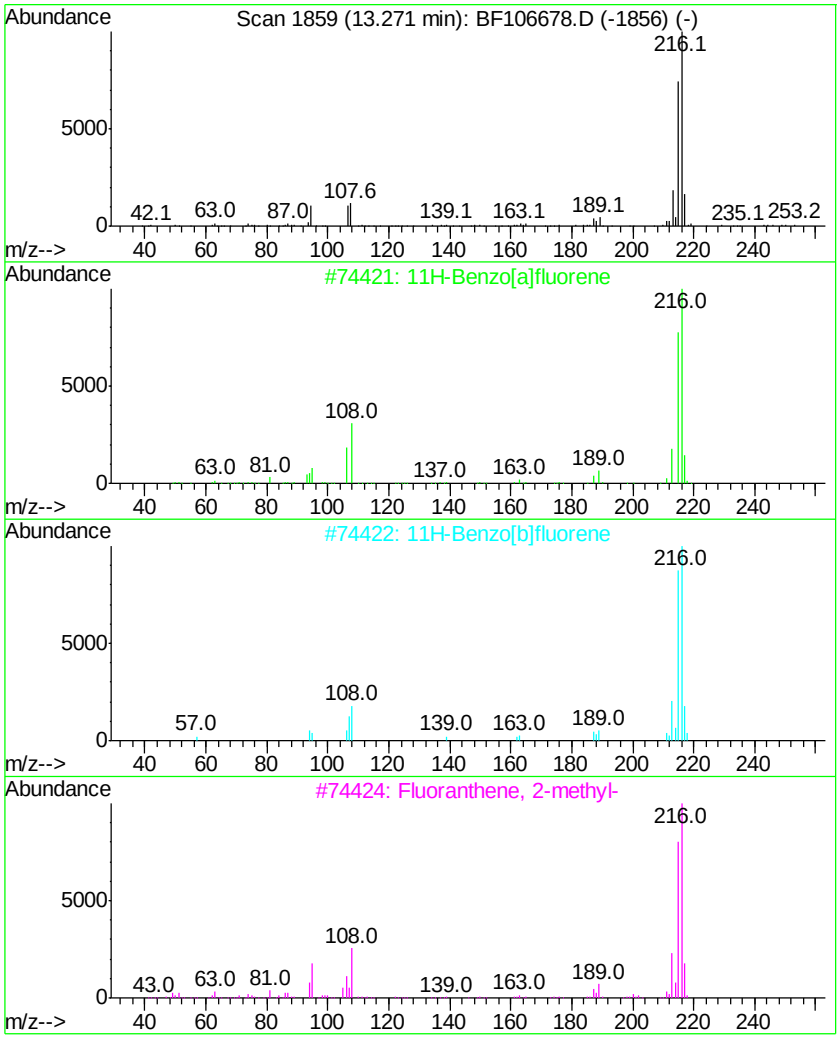
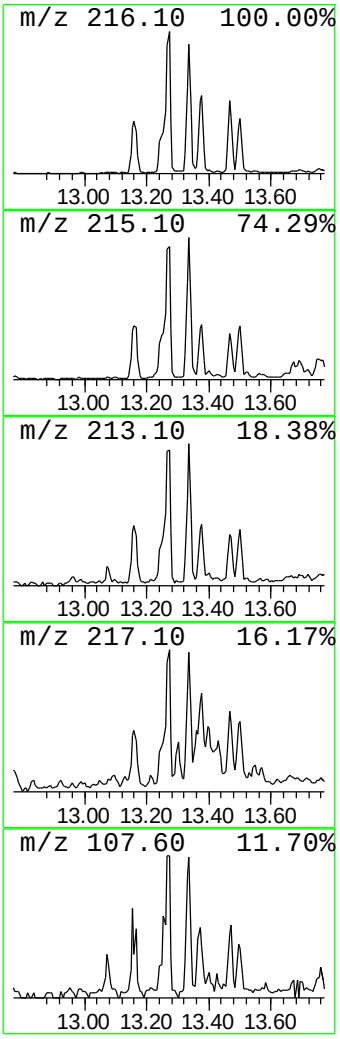
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.32 ng	192018	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	59





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TIC Library : C:\DATABASE\NIST11.L
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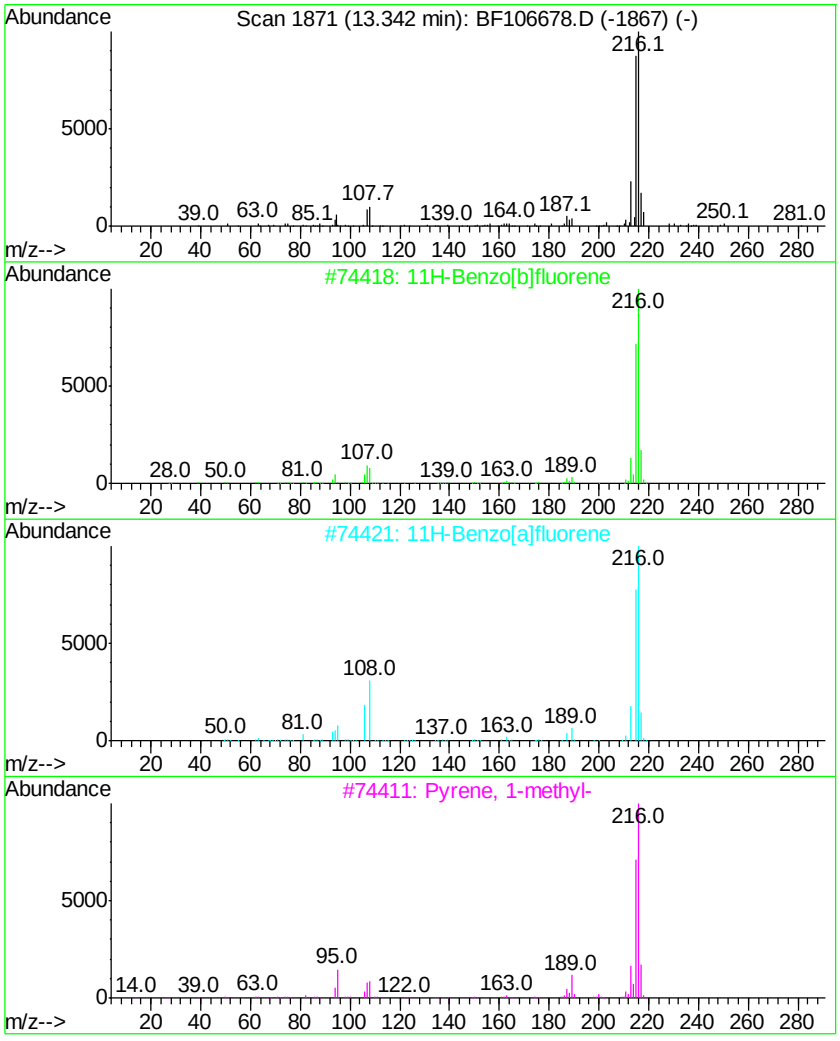
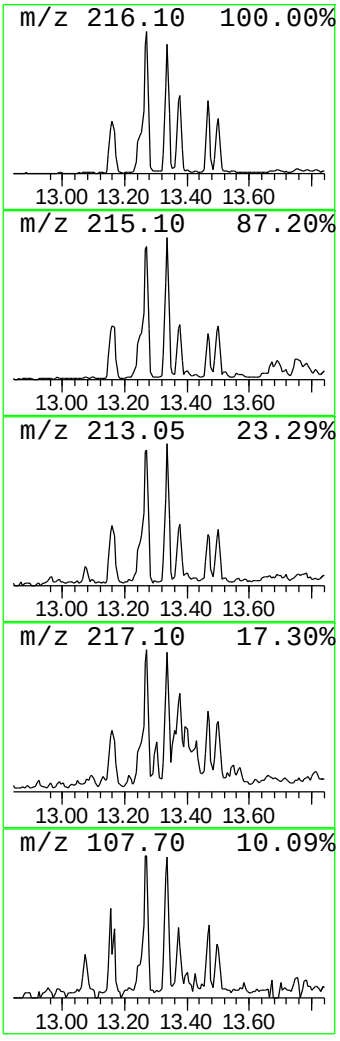
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	3.02 ng	174593	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
4	8H-Cyclohepta[4,5]thieno[3,2-E]-...	244	C12H12N4S	040106-83-0	64
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106678.D
Acq On : 21 Jun 2018 23:09
Operator : JU/SJ
Sample : J3523-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA2(D)

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

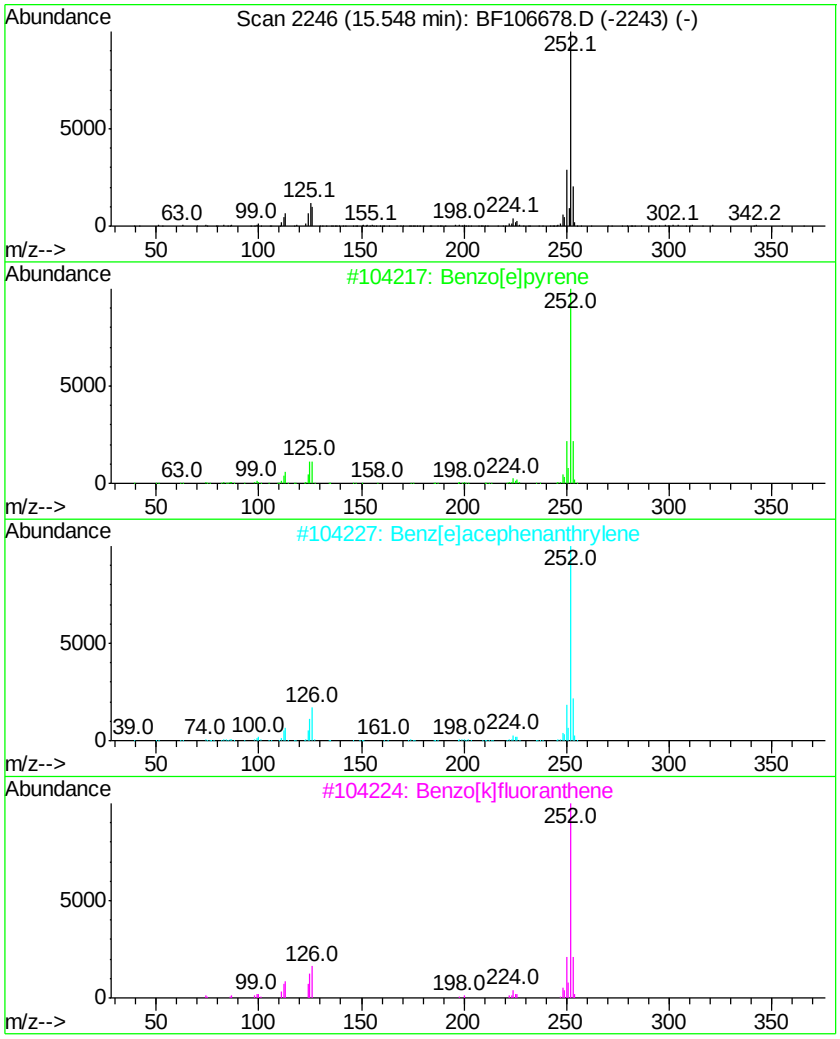
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

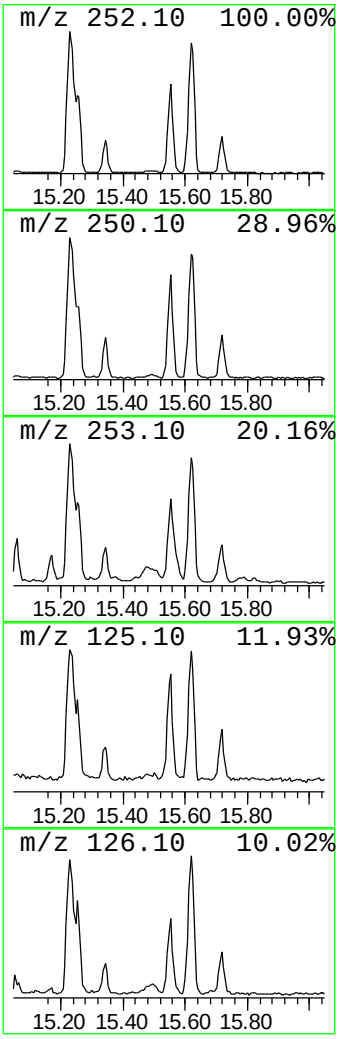
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	15.35 ng	325617	Perylene-d12	15.69

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	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
5	Perylene	252	C20H12	000198-55-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062118\
Data File : BF106678.D
Acq On : 21 Jun 2018 23:09
Operator : JU/SJ
Sample : J3523-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA2(D)

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.73	6.73	17.3	ng	340394	1	6.96	394363	20.0
Heneicosane	10.41	4.6	ng	124387	3	10.00	546044	20.0
Heptacosane	10.88	6.4	ng	179254	4	11.50	562196	20.0
9H-Fluorene, 2-me...	11.10	3.3	ng	92299	4	11.50	562196	20.0
unknown11.34	11.34	4.0	ng	113974	4	11.50	562196	20.0
Phenanthrene, 2-m...	12.00	5.7	ng	158756	4	11.50	562196	20.0
4H-Cyclopenta[def...	12.11	13.1	ng	368131	4	11.50	562196	20.0
Anthracene, 9-met...	12.13	3.3	ng	93532	4	11.50	562196	20.0
Naphthalene, 2-ph...	12.29	4.1	ng	115000	4	11.50	562196	20.0
9,10-Dimethylanth...	12.44	3.3	ng	91368	4	11.50	562196	20.0
Phenanthrene, 2,5...	12.55	6.8	ng	191898	4	11.50	562196	20.0
1,2,4,8-Tetrameth...	12.64	3.2	ng	89113	4	11.50	562196	20.0
Pyrene, 1-methyl-	13.15	3.3	ng	187487	5	14.15	1155270	20.0
11H-Benzo[a]fluorene	13.27	3.3	ng	192018	5	14.15	1155270	20.0
11H-Benzo[b]fluorene	13.34	3.0	ng	174593	5	14.15	1155270	20.0
Benzo[e]pyrene	15.55	15.4	ng	325617	6	15.69	424140	20.0