LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112740.D
Acq On : 28 Feb 2019 1:13
Operator : JU/SJ
Sample : K1595-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-CBF-B11

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-BF022719.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	4.940	481	485	492	rVB	50812	61330	1.18%	0.076%
2	5.346	549	554	558	rBV	3803945	4096333	79.06%	5.077%
3	6.375	723	729	733	rBV	4289800	4484221	86.55%	5.558%
4	6.510	747	752	755	rBV	4650553	4286681	82.74%	5.313%
5	6.575	760	763	768	rVV2	61273	66368	1.28%	0.082%
6	6.740	788	791	795	rBV	1528203	1259589	24.31%	1.561%
7	6.898	814	818	821	rVB	3735118	3070711	59.27%	3.806%
8	7.004	832	836	843	rBV	55676	66519	1.28%	0.082%
9	7.298	881	886	889	rBV	2963661	2633035	50.82%	3.263%
10	7.598	934	937	942	rVB	152377	125635	2.42%	0.156%
11	8.022	1005	1009	1012	rBV	1942765	1566730	30.24%	1.942%
12	8.239	1043	1046	1050	rBV	116873	97296	1.88%	0.121%
13	8.298	1053	1056	1060	rVV	129424	101095	1.95%	0.125%
14	8.728	1125	1129	1134	rVB2	121447	124900	2.41%	0.155%
15	9.098	1188	1192	1195	rBV	4412833	3733190	72.05%	4.627%
16	9.192	1205	1208	1211	rBV	101151	84026	1.62%	0.104%
17	9.486	1255	1258	1261	rBV	366526	277392	5.35%	0.344%
18	9.628	1279	1282	1287	rVB	87812	72795	1.40%	0.090%
19	9.769	1301	1306	1309	rBV2	1764667	1530028	29.53%	1.896%
20	9.804	1309	1312	1314	rVB	203274	182983	3.53%	0.227%
21	9.975	1337	1341	1345	rVB	196279	182088	3.51%	0.226%
22	10.186	1372	1377	1380	rBV3	38261	59371	1.15%	0.074%
23	10.316	1396	1399	1402	rBV	223752	200231	3.86%	0.248%
24	10.475	1423	1426	1431	rVB	85199	84705	1.63%	0.105%
25	10.551	1435	1439	1443	rBV	2853267	2648510	51.12%	3.282%
26	10.686	1455	1462	1467	rBV8	40651	91057	1.76%	0.113%
27	11.051	1521	1524	1529	rVB	183827	175051	3.38%	0.217%
28	11.110	1529	1534	1536	rBV3	73689	128274	2.48%	0.159%
29	11.145	1536	1540	1542	rVB	265440	241947	4.67%	0.300%
30	11.245	1554	1557	1559	rBV	1512199	1526004	29.45%	1.891%
31	11.275	1559	1562	1565	rVV	4576739	3893256	75.14%	4.825%
32	11.322	1565	1570	1573	rVV	1271770	1086988	20.98%	1.347%
33	11.351	1573	1575	1579	rVB	122718	123785	2.39%	0.153%
34	11.475	1590	1596	1599	rBV2	560853	624360	12.05%	0.774%

LSC Area Percent Report

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Sample : K1595-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-CBF-B11

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.575	1611	1613	1617	rVB2	107360	94770	1.83%	0.117%
36	11.657	1625	1627	1632	rVB	112395	103309	1.99%	0.128%
37	11.751	1639	1643	1645	rBV	493884	424876	8.20%	0.527%
38	11.775	1645	1647	1652	rVV2	810169	1054028	20.34%	1.306%
39	11.822	1652	1655	1658	rVB	326536	299349	5.78%	0.371%
40	11.857	1658	1661	1664	rBV	724507	827513	15.97%	1.026%
41	11.880	1664	1665	1668	rVB	471154	270650	5.22%	0.335%
42	11.945	1674	1676	1678	rBV2	74522	62386	1.20%	0.077%
43	12.045	1690	1693	1694	rBV	435796	365846	7.06%	0.453%
44	12.057	1694	1695	1698	rVB	279249	210101	4.06%	0.260%
45	12.116	1703	1705	1707	rBV	71787	57848	1.12%	0.072%
46	12.192	1716	1718	1721	rVB	140117	106387	2.05%	0.132%
47	12.222	1721	1723	1725	rBV	108570	84154	1.62%	0.104%
48	12.245	1725	1727	1730	rVB	149592	113556	2.19%	0.141%
49	12.298	1732	1736	1739	rBV	361662	392743	7.58%	0.487%
50	12.333	1739	1742	1744	rVV2	140156	158656	3.06%	0.197%
51	12.374	1747	1749	1755	rVB2	202015	271047	5.23%	0.336%
52	12.463	1759	1764	1767	rBV	5028770	4889935	94.38%	6.060%
53	12.510	1767	1772	1776	rBV4	138582	210328	4.06%	0.261%
54	12.574	1780	1783	1786	rBV3	218475	315471	6.09%	0.391%
55	12.604	1786	1788	1790	rVB	168744	130524	2.52%	0.162%
56	12.686	1796	1802	1805	rBV2	4522955	5181207	100.00%	6.421%
57	12.727	1807	1809	1815	rVB2	242783	297908	5.75%	0.369%
58	12.804	1819	1822	1823	rBV	348260	310746	6.00%	0.385%
59	12.833	1823	1827	1830	rVB	3904053	3535344	68.23%	4.382%
60	12.904	1833	1839	1841	rBV2	376701	591910	11.42%	0.734%
61	12.969	1847	1850	1851	rBV3	145838	144261	2.78%	0.179%
62	13.010	1851	1857	1860	rVB2	771804	1088221	21.00%	1.349%
63	13.074	1865	1868	1871	rBV	394609	359913	6.95%	0.446%
64	13.110	1871	1874	1877	rBV	553687	571166	11.02%	0.708%
65	13.169	1882	1884	1887	rBV	103034	102207	1.97%	0.127%
66	13.204	1887	1890	1893	rBV	390349	316366	6.11%	0.392%
67	13.233	1893	1895	1899	rBV	444830	377799	7.29%	0.468%
68	13.304	1905	1907	1910	rBV2	109783	122735	2.37%	0.152%
69	13.510	1939	1942	1948	rVB	429365	467173	9.02%	0.579%
70	13.621	1958	1961	1964	rBV2	396780	487262	9.40%	0.604%
71	13.651	1964	1966	1968	rVV	368445	320716	6.19%	0.397%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TP-CBF-B11

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-BF022719.M
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72	13.674	1968	1970	1974	rVB2	251706	282595	5.45%	0.350%
73	13.716	1975	1977	1979	rBV	215785	179770	3.47%	0.223%
74	13.874	1999	2004	2007	rBV3	2770081	4198581	81.03%	5.204%
75	13.904	2007	2009	2014	rVB	2713034	2178166	42.04%	2.700%
76	13.980	2020	2022	2025	rBV	189165	148598	2.87%	0.184%
77	14.057	2033	2035	2038	rVB2	243362	232052	4.48%	0.288%
78	14.092	2038	2041	2046	rBV2	225402	285501	5.51%	0.354%
79	14.263	2067	2070	2072	rVB	373755	356925	6.89%	0.442%
80	14.292	2073	2075	2078	rVB	291981	249023	4.81%	0.309%
81	14.663	2136	2138	2144	rVB2	228897	277036	5.35%	0.343%
82	14.886	2172	2176	2186	rVB	1415726	2835895	54.73%	3.515%
83	14.986	2190	2193	2196	rVB	433167	447310	8.63%	0.554%
84	15.168	2220	2224	2230	rVB	934572	1101094	21.25%	1.365%
85	15.227	2230	2234	2238	rVB	1171548	1276881	24.64%	1.583%
86	15.286	2240	2244	2247	rBV	845994	994623	19.20%	1.233%
87	15.315	2247	2249	2251	rVB	205255	165904	3.20%	0.206%
88	16.639	2469	2474	2481	rVB2	497934	921824	17.79%	1.142%
89	17.045	2538	2543	2558	rVB	413721	850659	16.42%	1.054%

Sum of corrected areas: 80687332

LSC Report - Integrated Chromatogram

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Data File : BF112740.D
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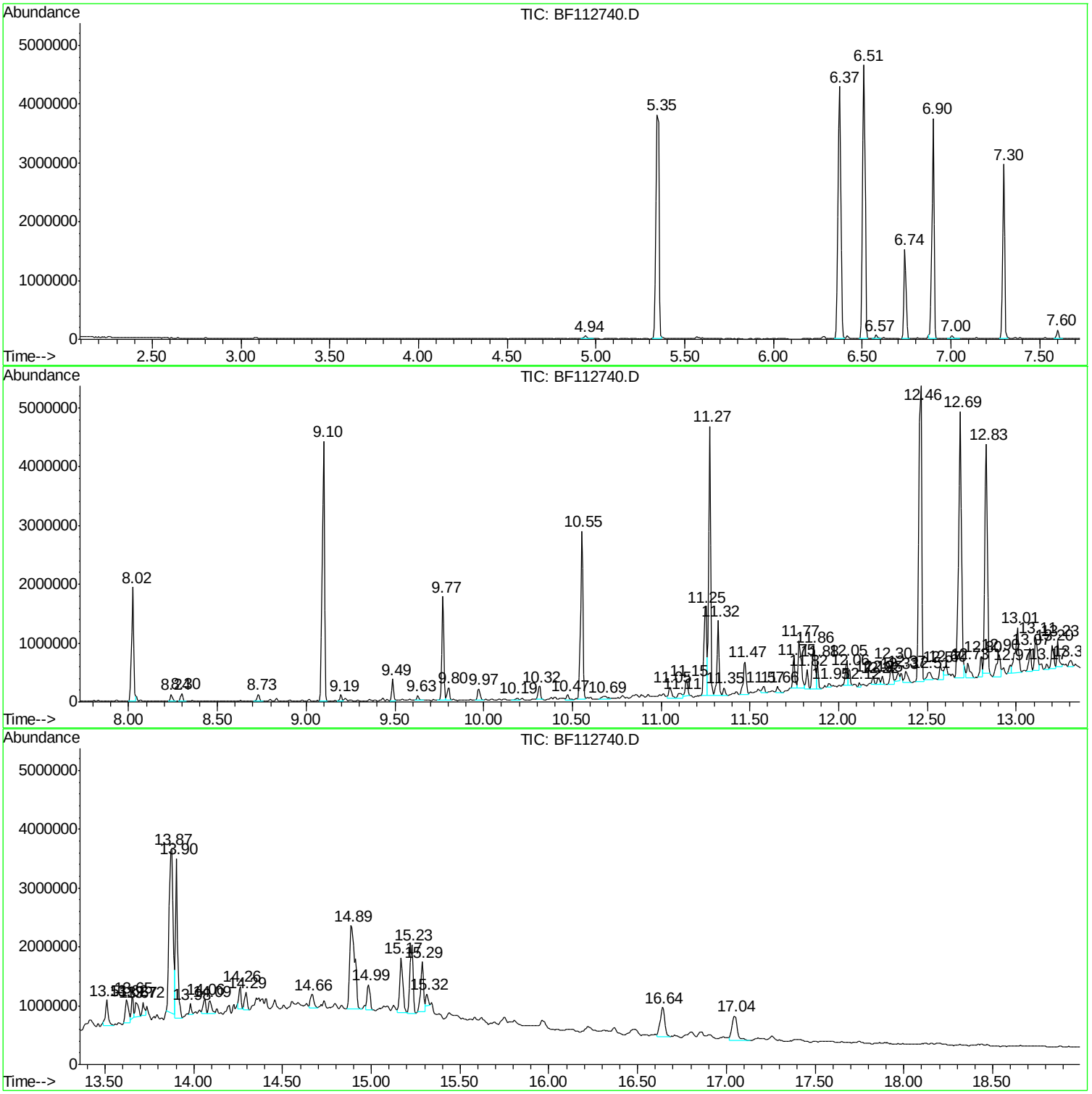
Operator : JU/SJ
Sample : K1595-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-CBF-B11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF022719\
Data File : BF112740.D
Acq On : 28 Feb 2019 1:13
Operator : JU/SJ
Sample : K1595-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-CBF-B11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

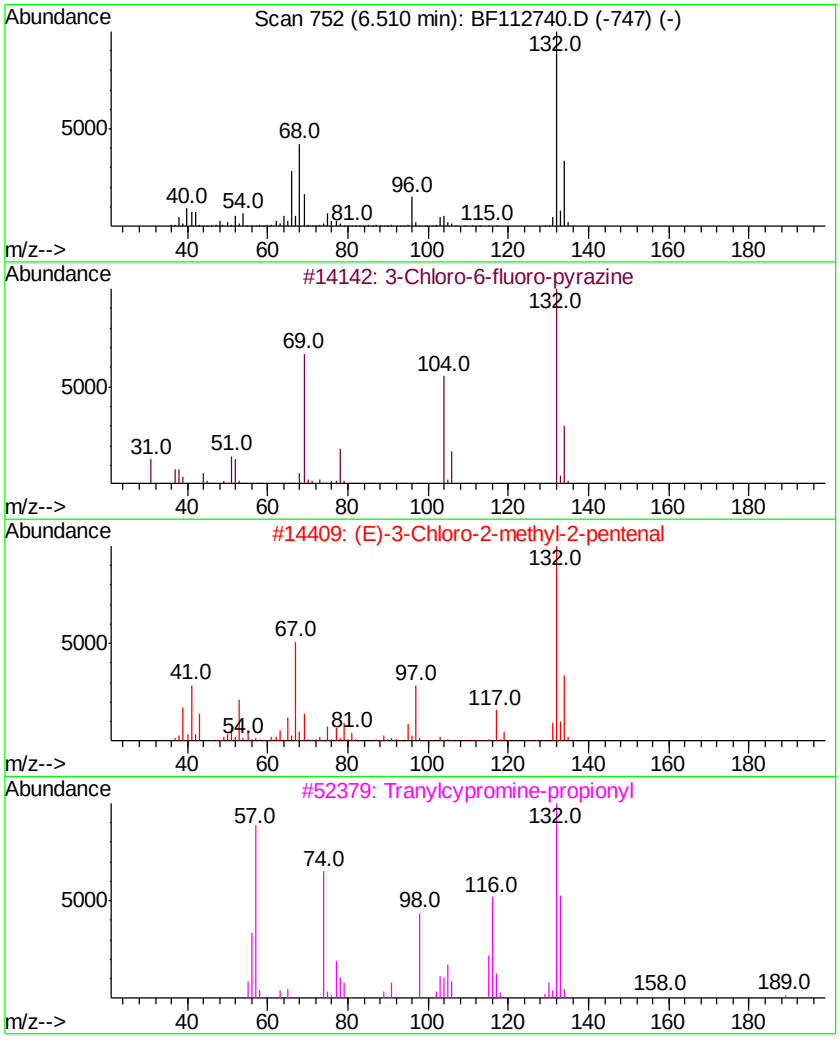
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

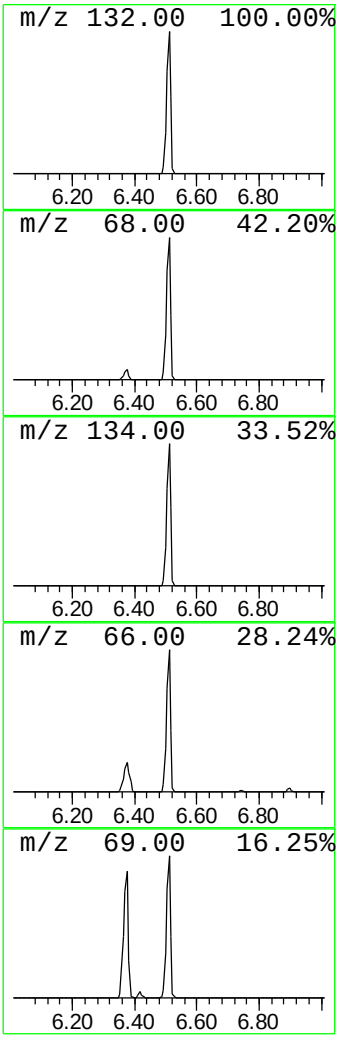
****

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	68.06 ng	4286680	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112740.D
Acq On : 28 Feb 2019 1:13
Operator : JU/SJ
Sample : K1595-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-CBF-B11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

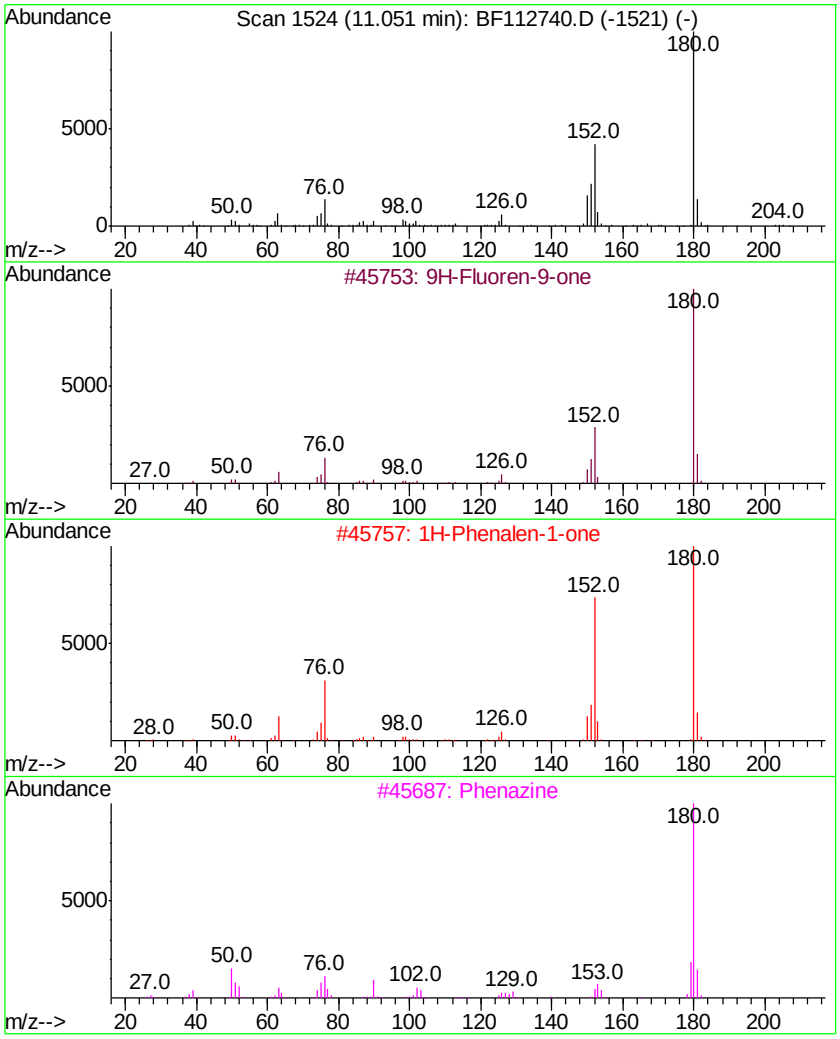
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

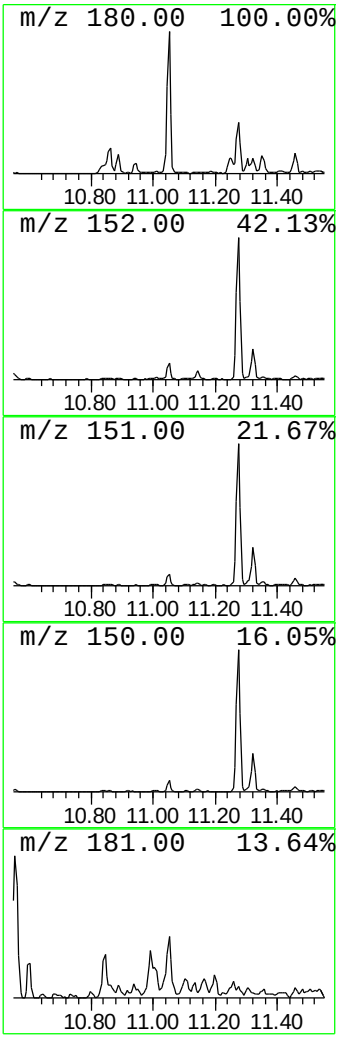
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	2.29 ng	175051	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
3	Phenazine	180	C12H8N2	000092-82-0	47
4	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	45
5	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	45





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
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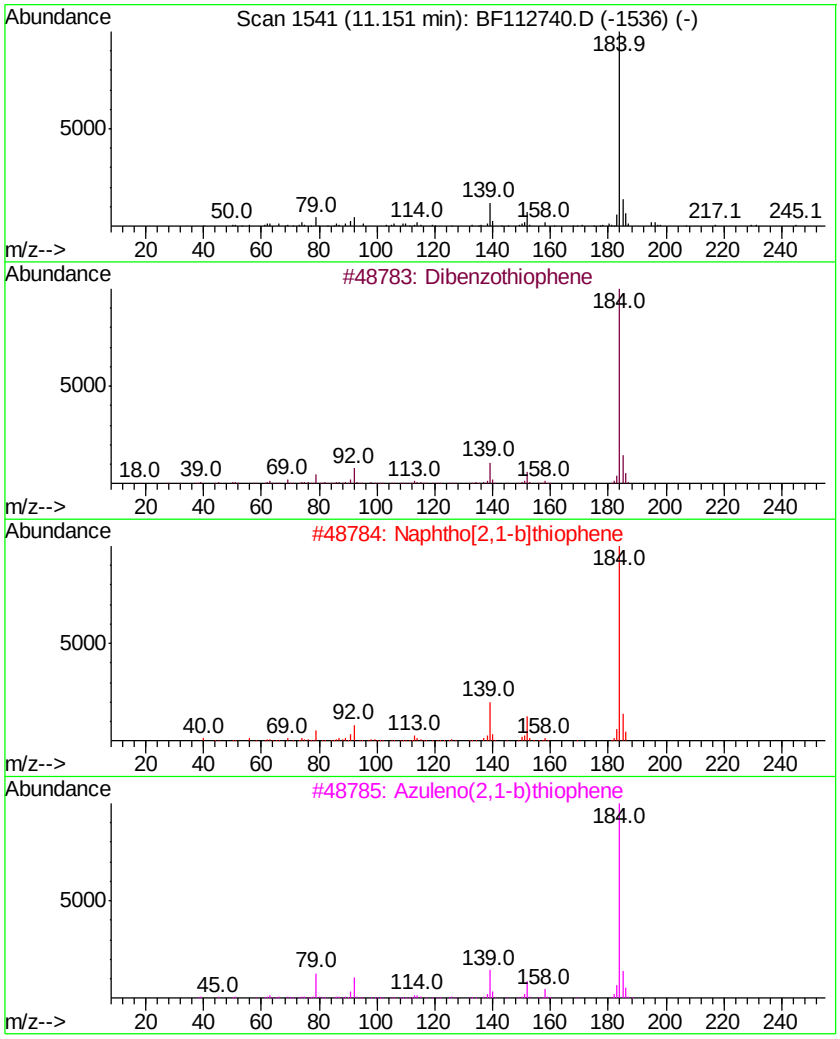
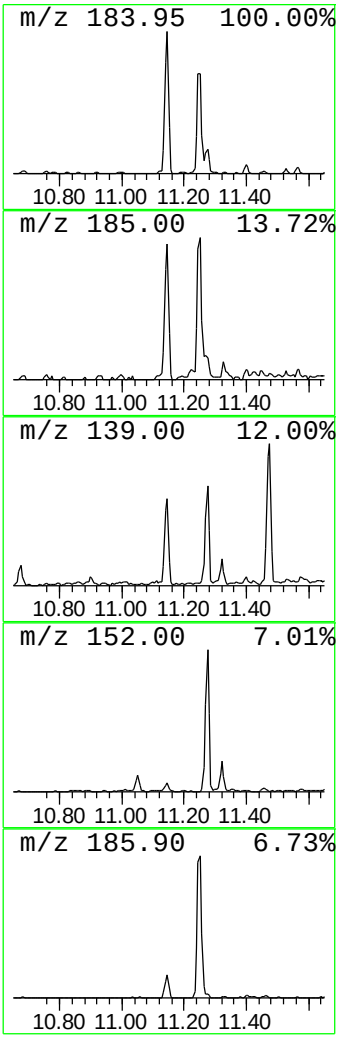
Peak Number 4 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	3.17 ng	241947	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	56





Library Search Compound Report

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Sample : K1595-03
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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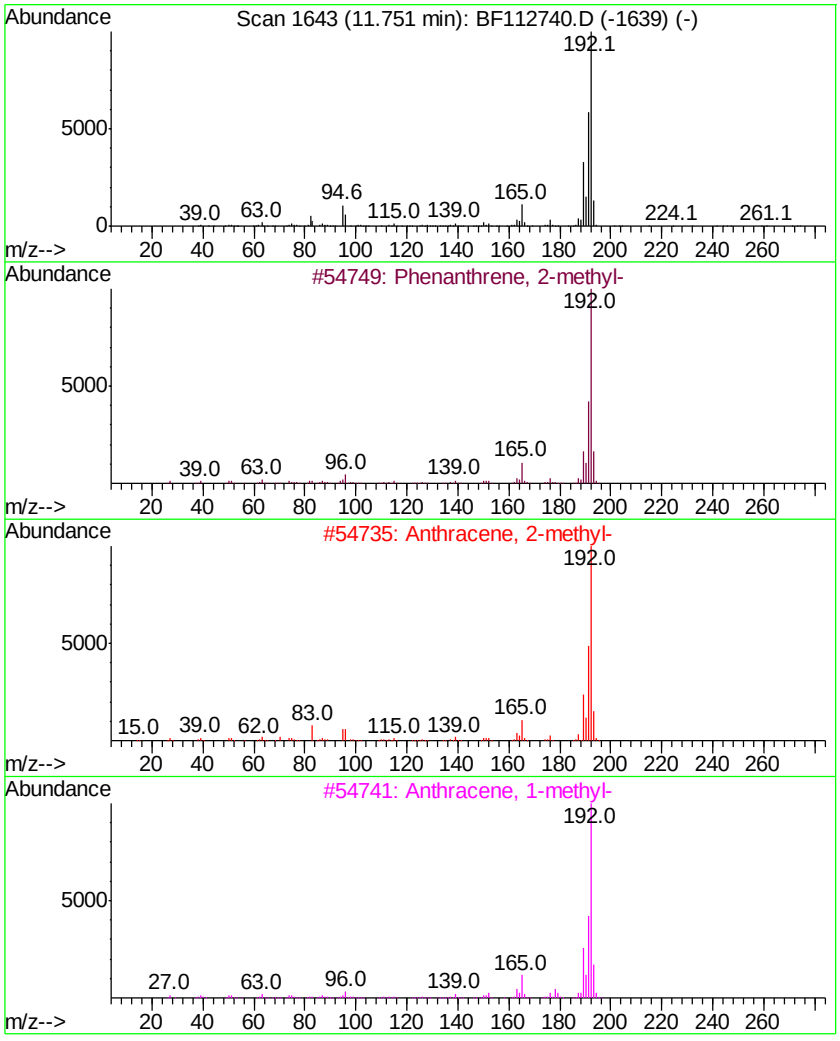
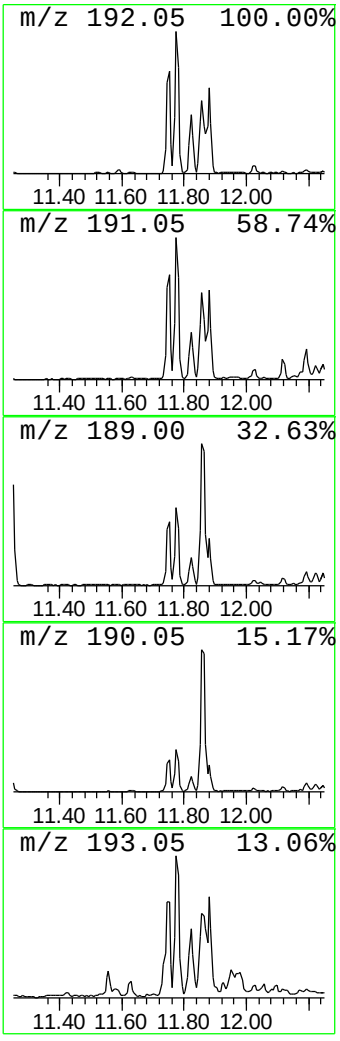
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	5.57 ng	424876	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Data File : BF112740.D
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Operator : JU/SJ
Sample : K1595-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-CBF-B11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

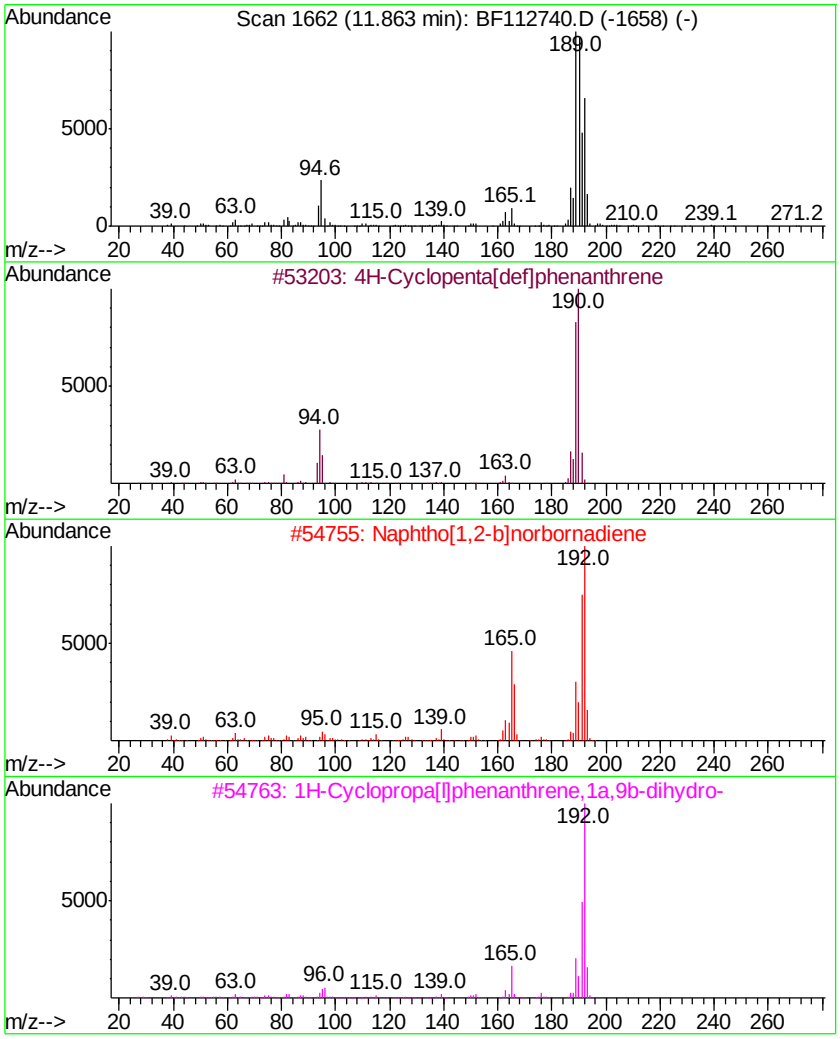
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

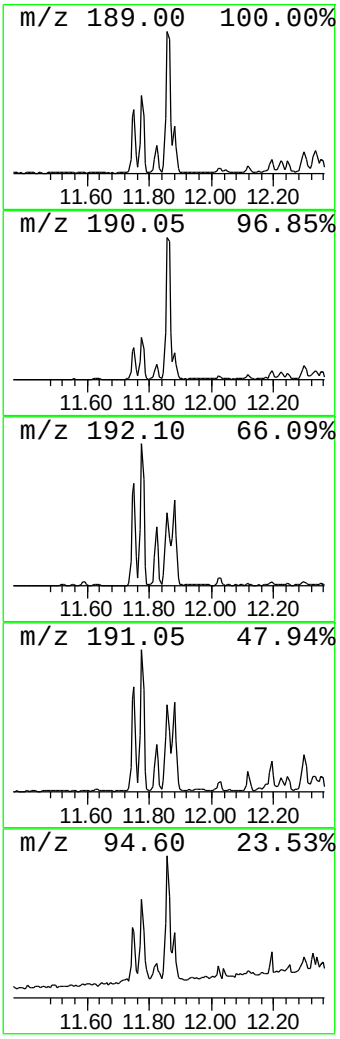
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	10.85 ng	827513	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112740.D
Acq On : 28 Feb 2019 1:13
Operator : JU/SJ
Sample : K1595-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-CBF-B11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

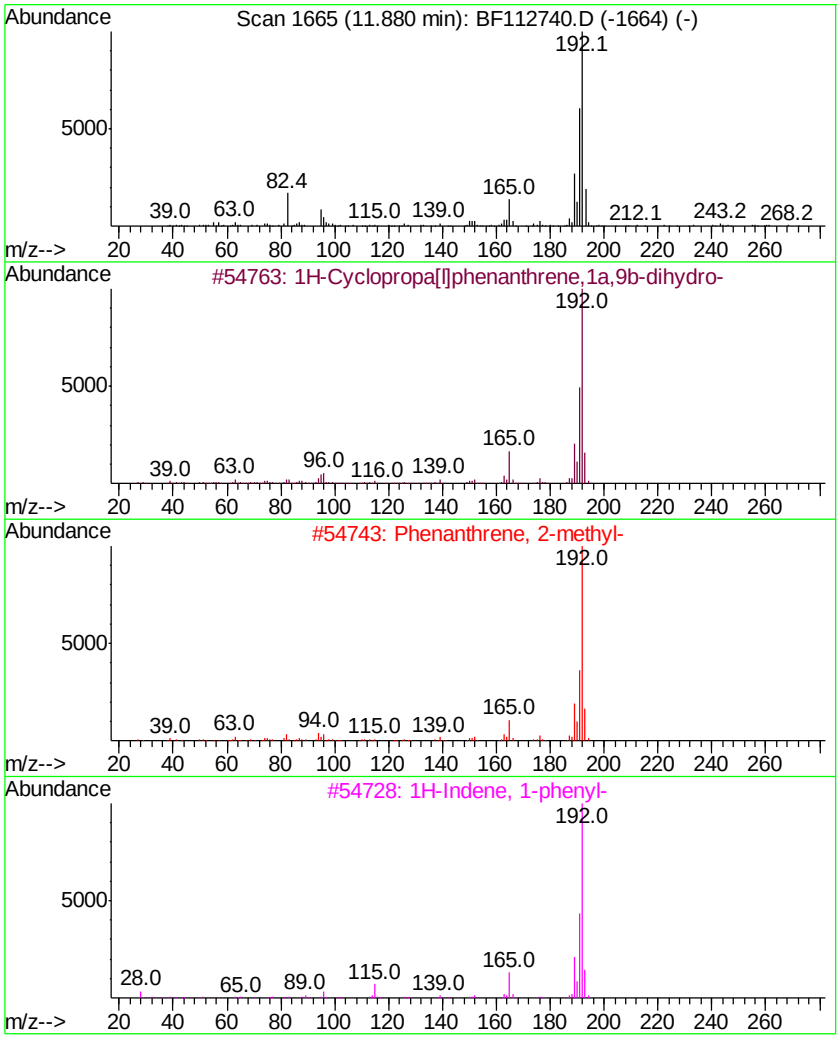
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

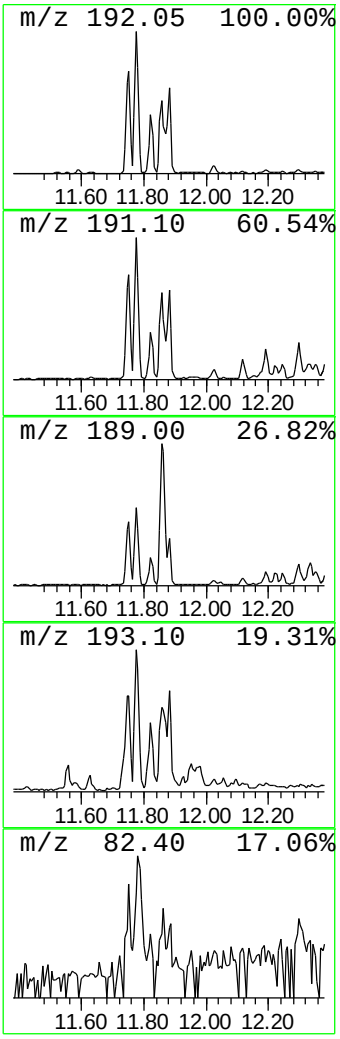
****

Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.55 ng	270650	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





Library Search Compound Report

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Acq On : 28 Feb 2019 1:13
Operator : JU/SJ
Sample : K1595-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-CBF-B11

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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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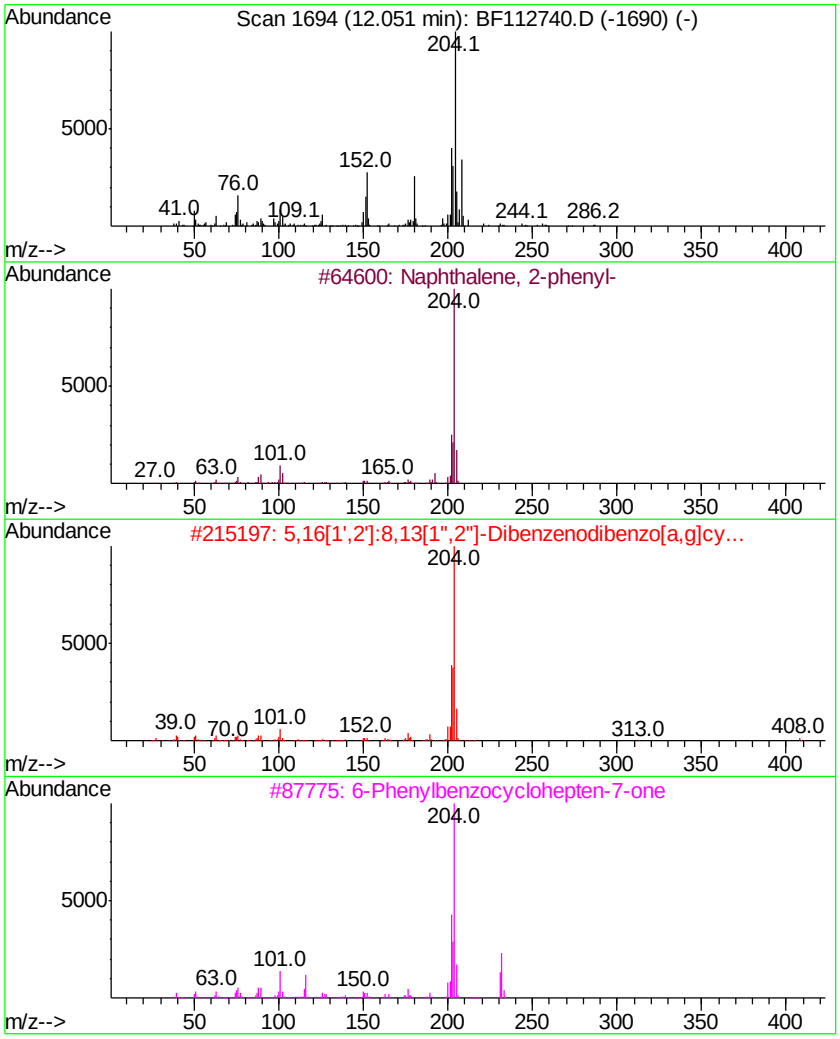
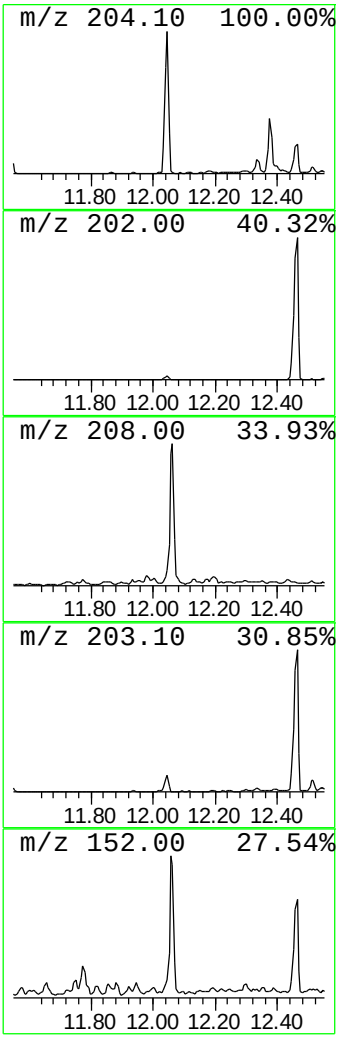
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	4.79 ng	365846	Phenanthrene-d10	11.25

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	91
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





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TIC Library : C:\DATABASE\NIST11.L
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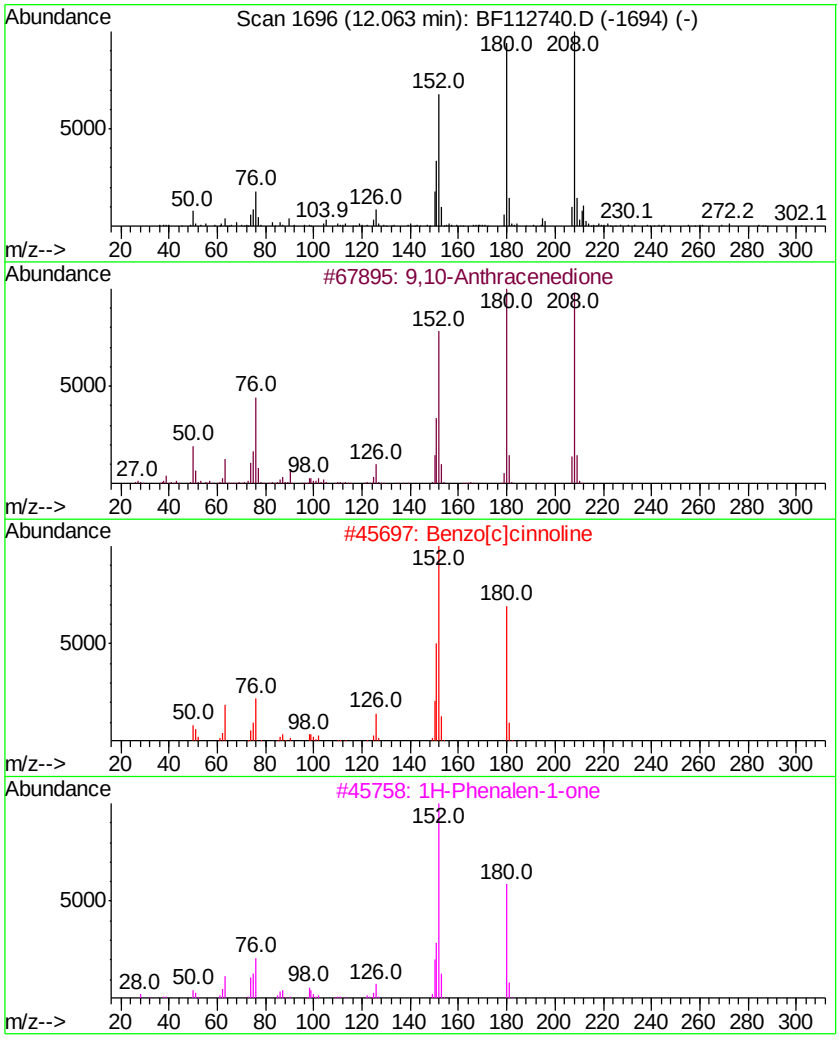
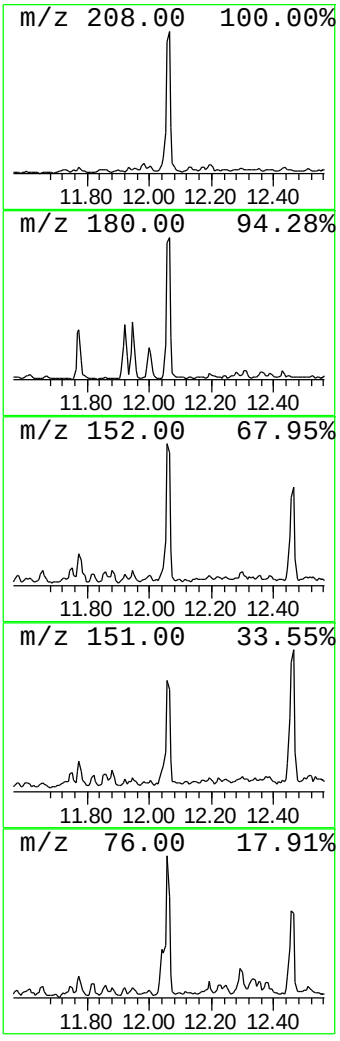
Peak Number 11 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.75 ng	210101	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49





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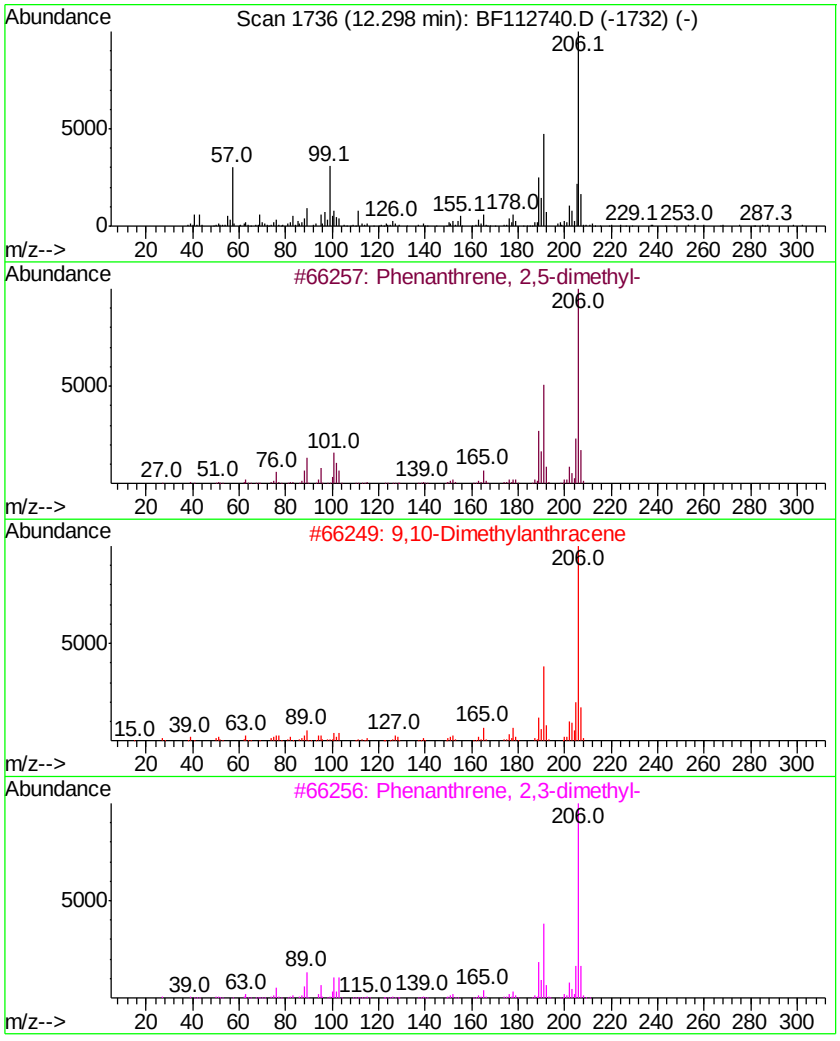
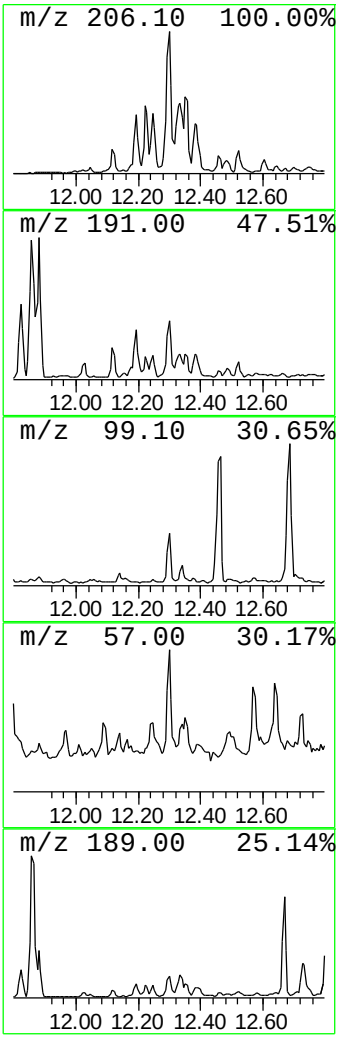
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	5.15 ng	392743	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83





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TIC Integration Parameters: LSCINT.P

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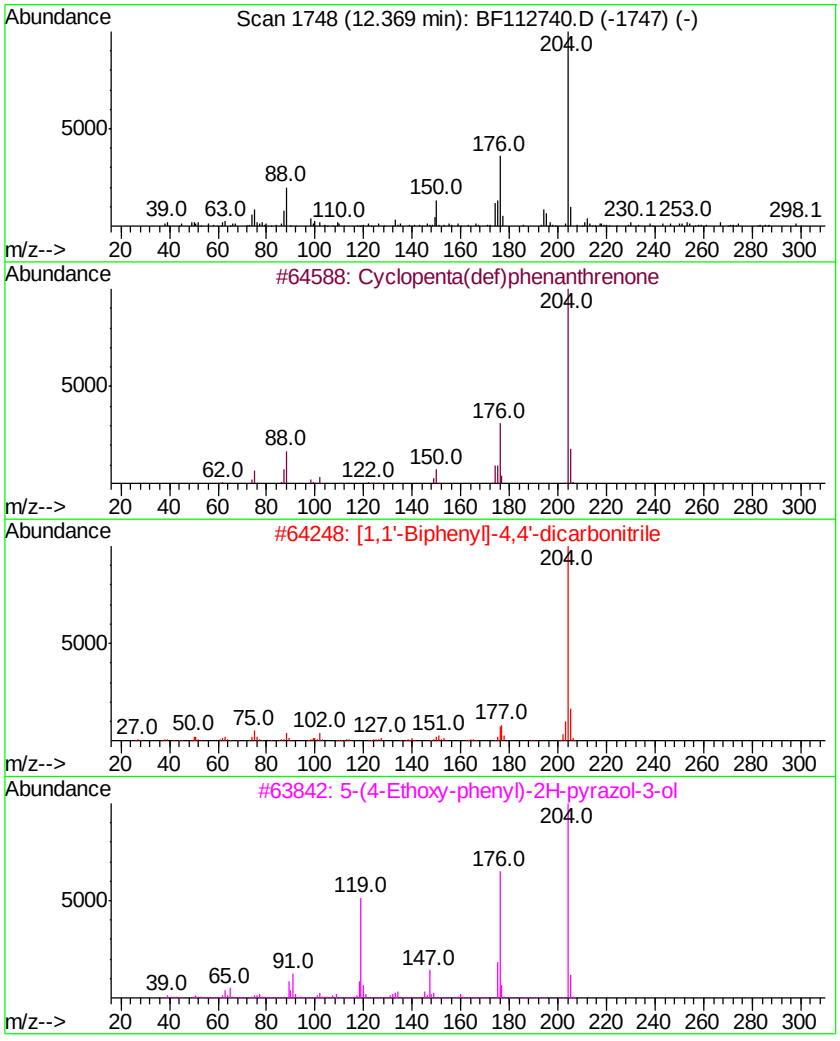
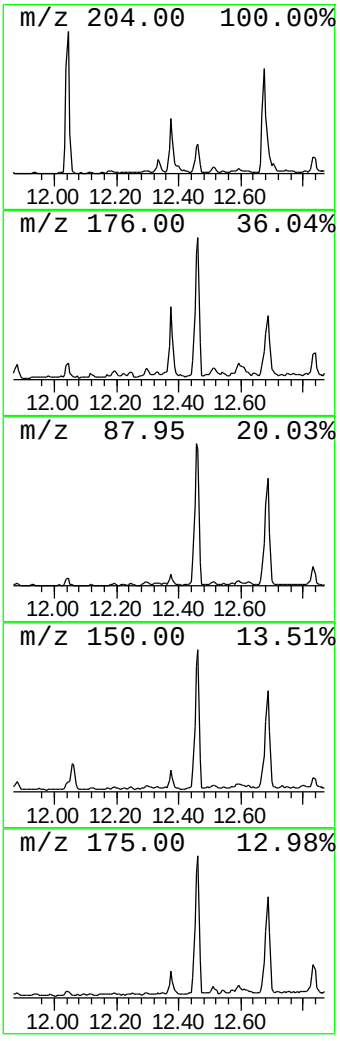
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.55 ng	271047	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	72
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
4	Spiro[cyclopropane-1,8'(1H')[3a....	204	C14H20O	452049-62-6	50
5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	50





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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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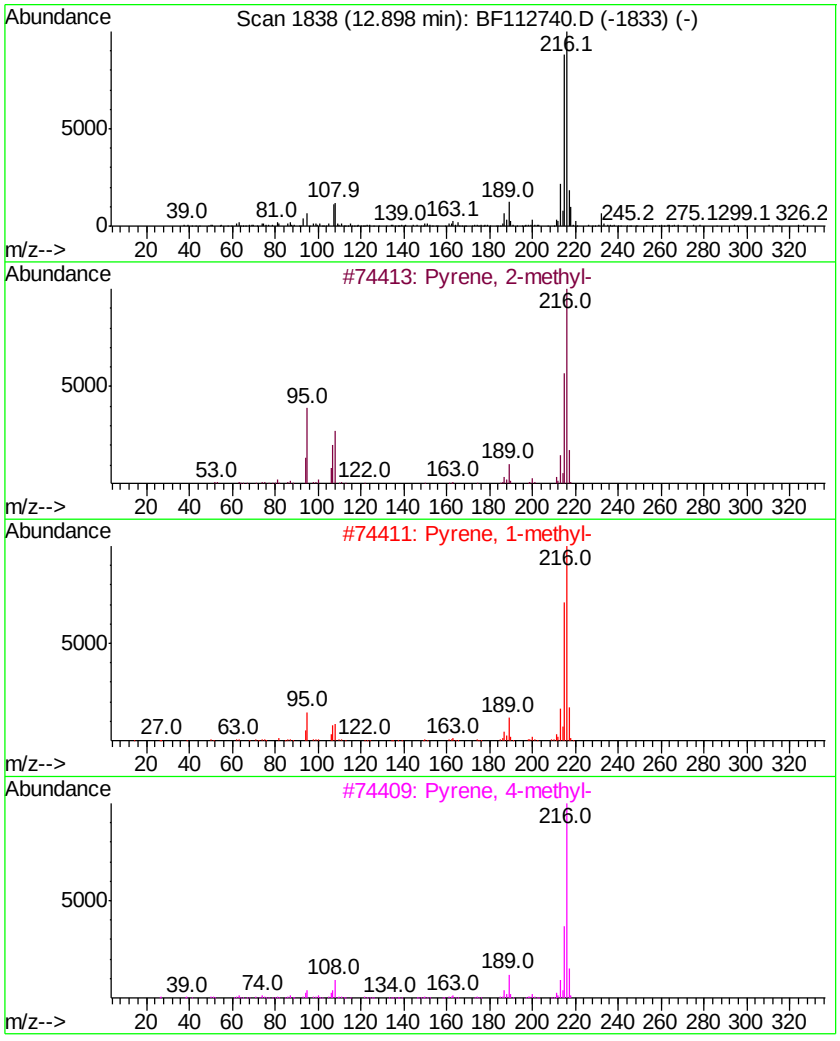
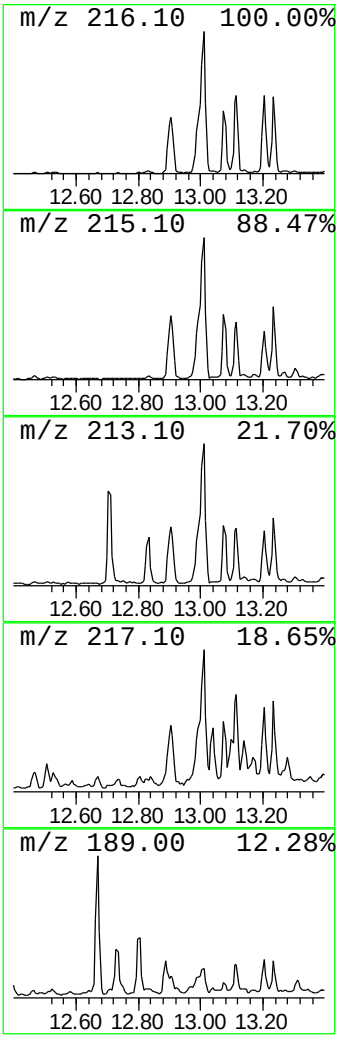
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.82 ng	591910	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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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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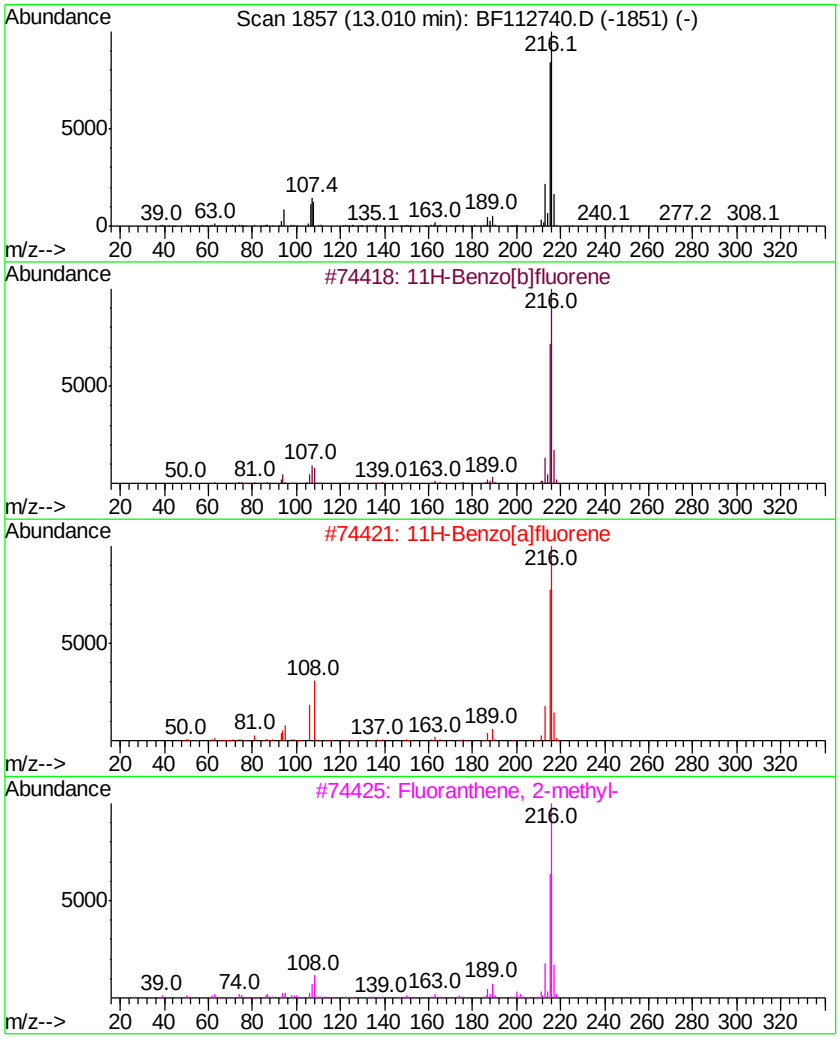
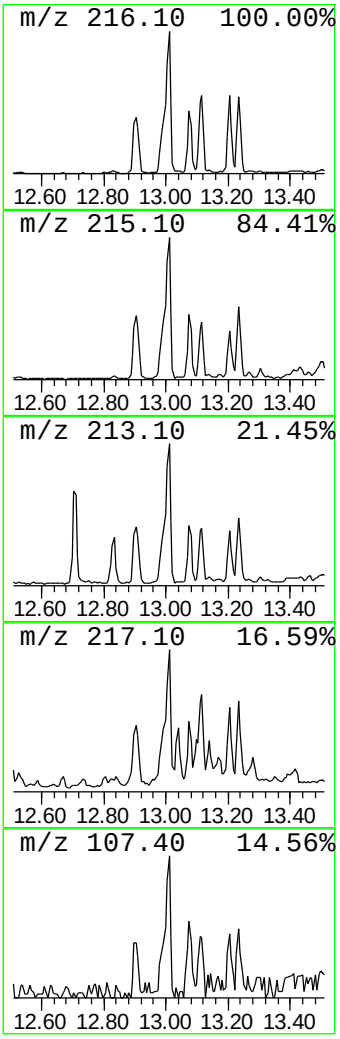
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	5.18 ng	1088220	Chrysene-d12	13.88

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	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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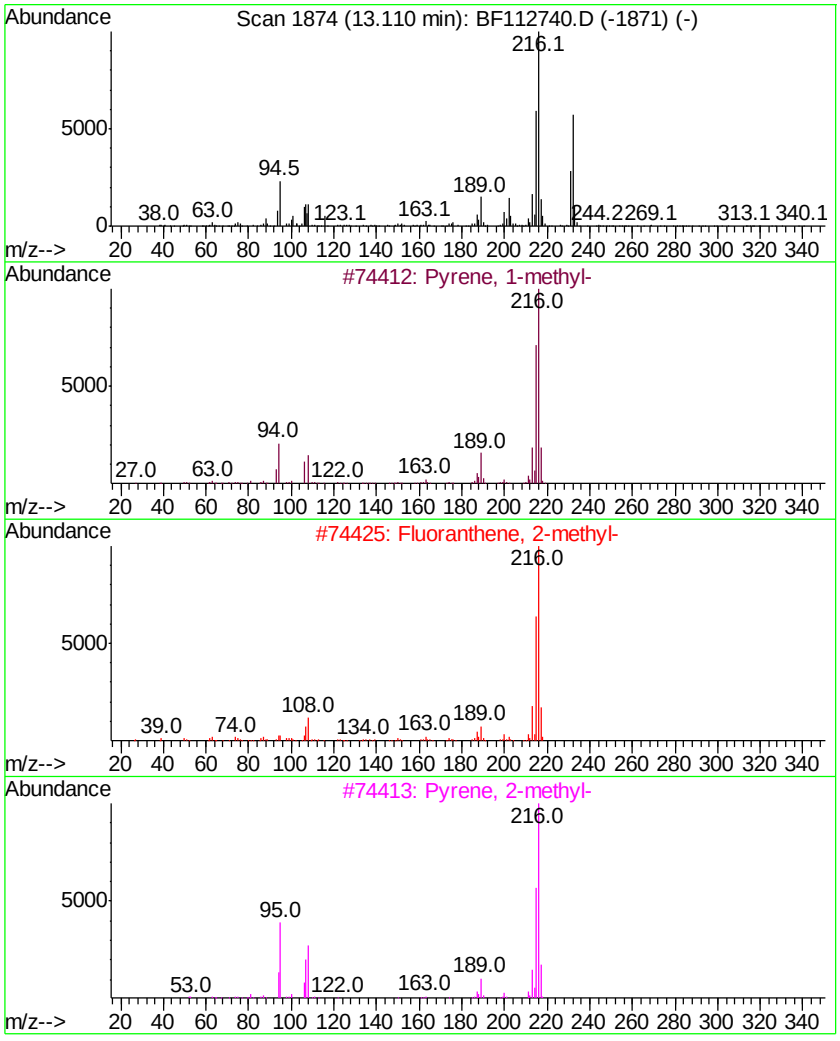
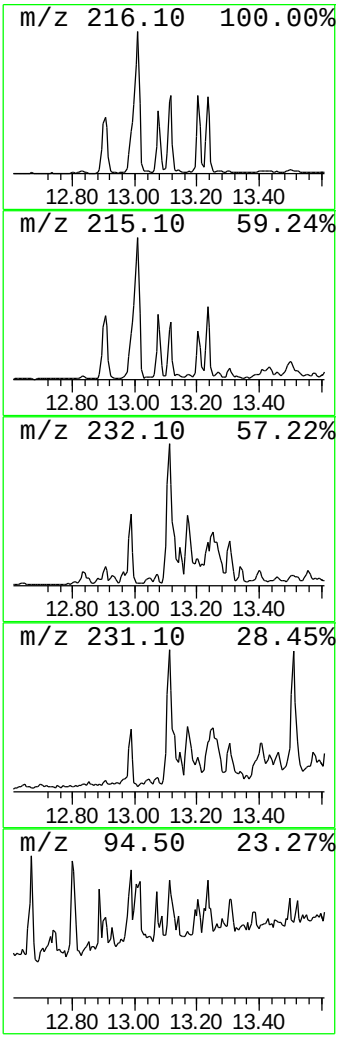
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.72 ng	571166	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49





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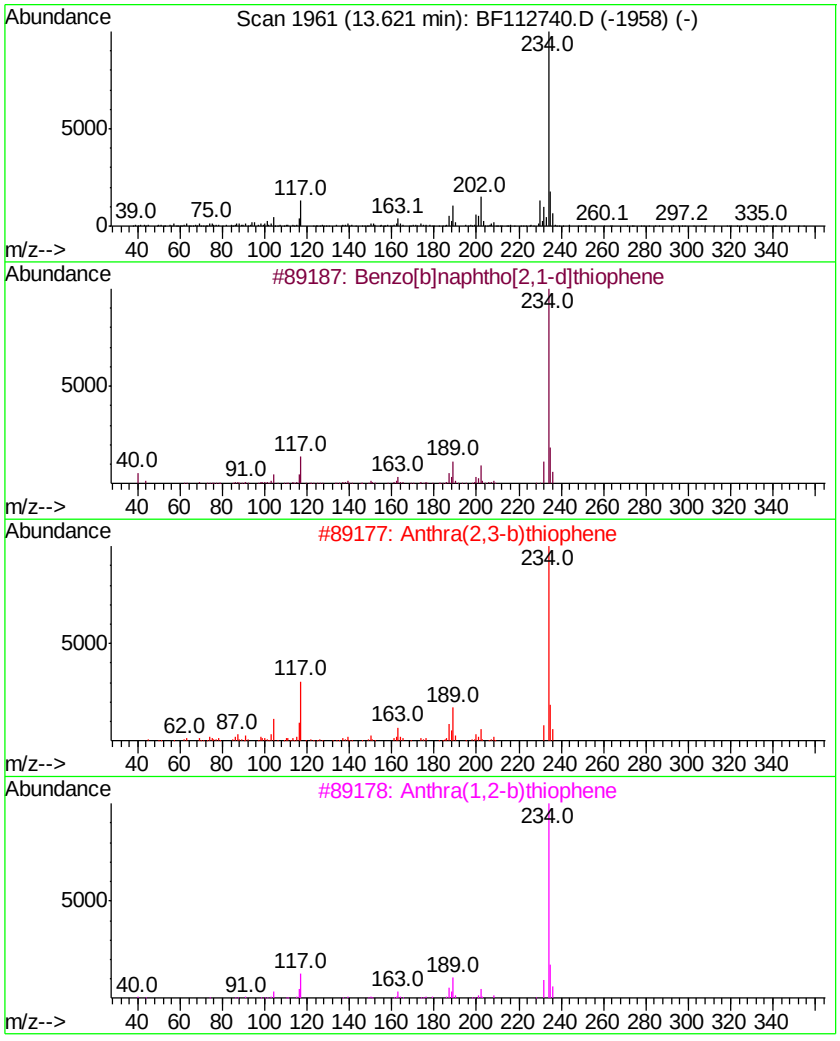
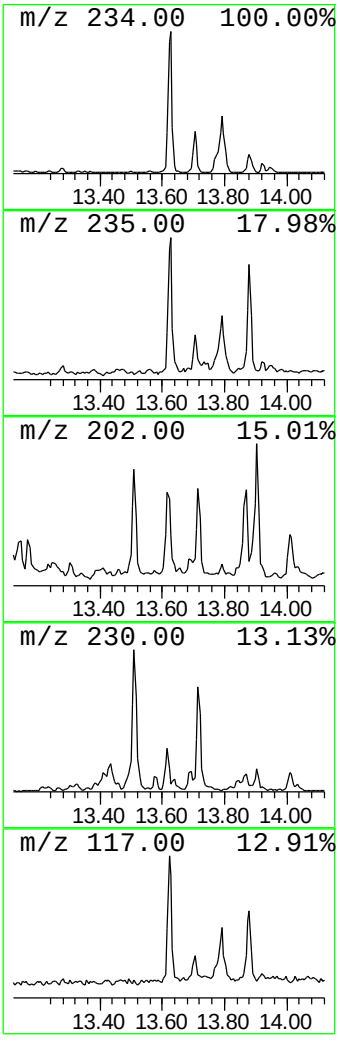
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.32 ng	487262	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	91
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	72





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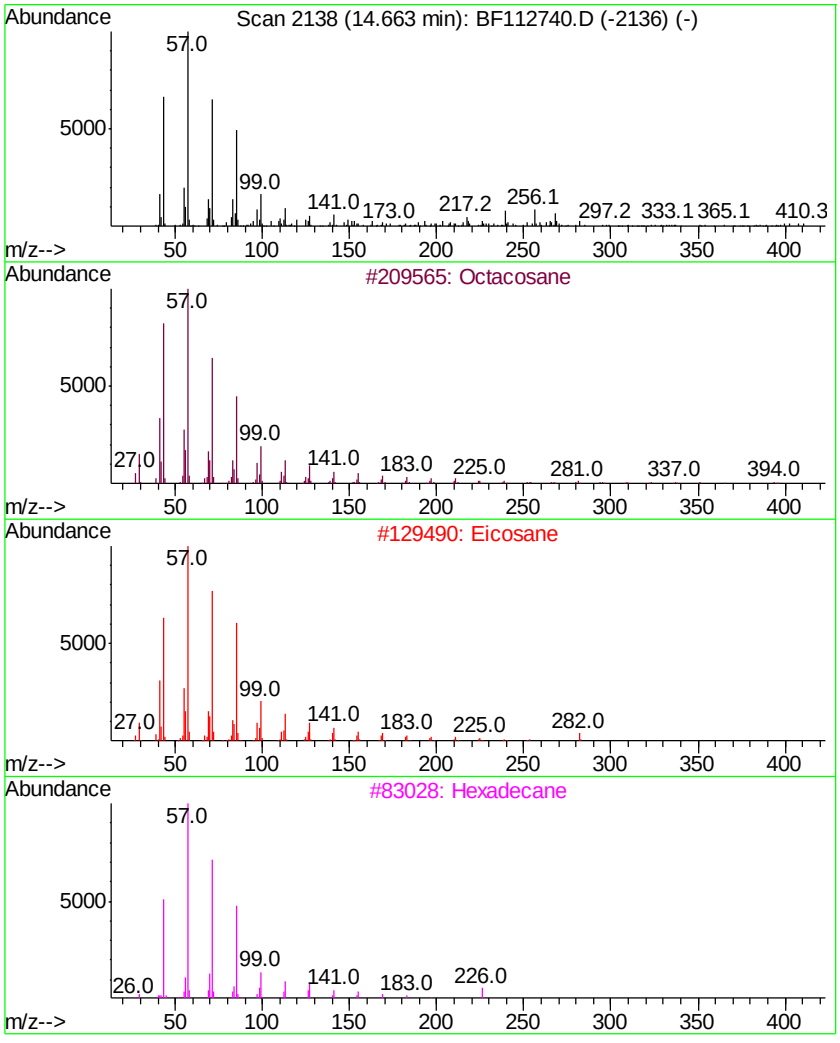
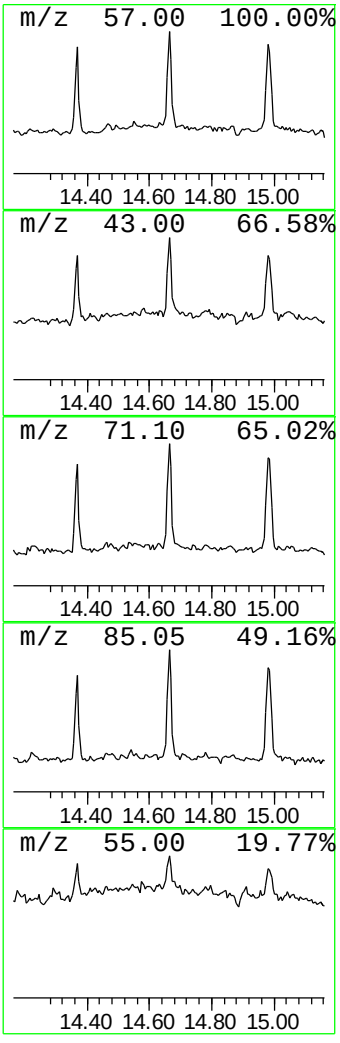
Peak Number 18 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	5.57 ng	277036	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Nonadecane	268	C19H40	000629-92-5	86





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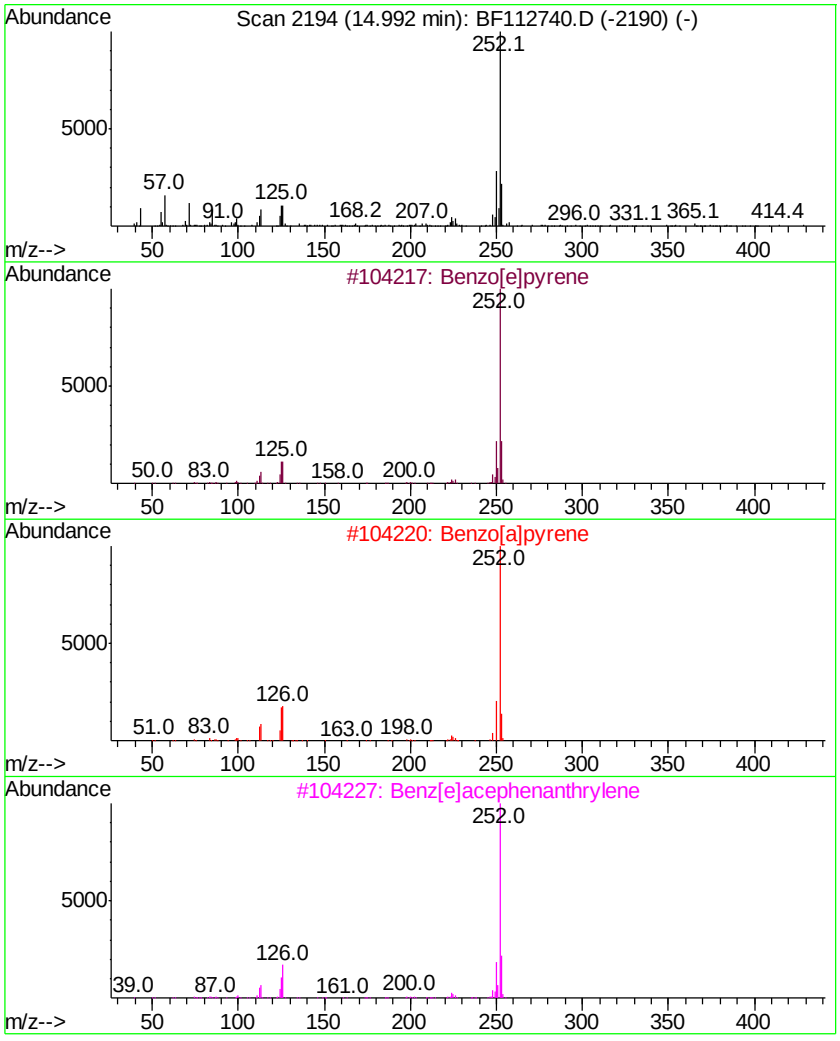
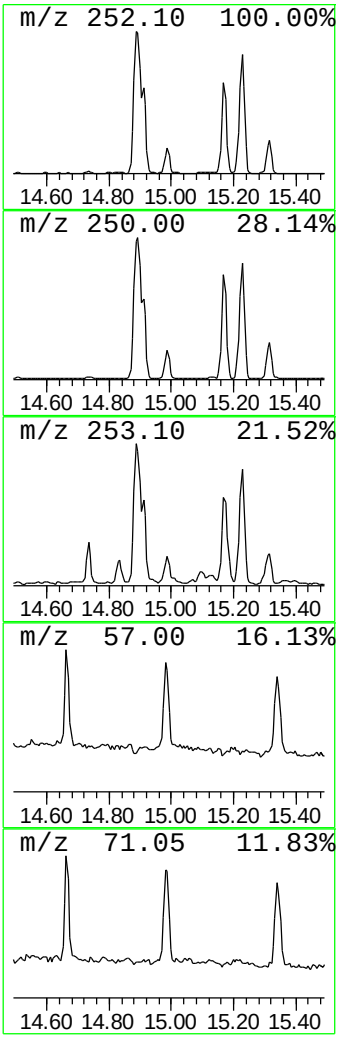
Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	8.99 ng	447310	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	92
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.51	6.51	68.1	ng	4286680	1	6.74	1259590	20.0
9H-Fluoren-9-one	11.05	2.3	ng	175051	4	11.25	1526000	20.0
Dibenzothiophene	11.15	3.2	ng	241947	4	11.25	1526000	20.0
Phenanthrene, 2-m...	11.75	5.6	ng	424876	4	11.25	1526000	20.0
4H-Cyclopenta[def...	11.86	10.9	ng	827513	4	11.25	1526000	20.0
1H-Cyclopropa[l]p...	11.88	3.5	ng	270650	4	11.25	1526000	20.0
Naphthalene, 2-ph...	12.05	4.8	ng	365846	4	11.25	1526000	20.0
9,10-Anthracenedione	12.06	2.8	ng	210101	4	11.25	1526000	20.0
Phenanthrene, 2,5...	12.30	5.2	ng	392743	4	11.25	1526000	20.0
Cyclopenta(def)ph...	12.37	3.5	ng	271047	4	11.25	1526000	20.0
Pyrene, 2-methyl-	12.90	2.8	ng	591910	5	13.88	4198580	20.0
11H-Benzo[b]fluorene	13.01	5.2	ng	1088220	5	13.88	4198580	20.0
Pyrene, 1-methyl-	13.11	2.7	ng	571166	5	13.88	4198580	20.0
Benzo[b]naphtho[2...	13.62	2.3	ng	487262	5	13.88	4198580	20.0
Octacosane	14.66	5.6	ng	277036	6	15.29	994623	20.0
Benzo[e]pyrene	14.99	9.0	ng	447310	6	15.29	994623	20.0