LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120051.D
Acq On : 17 Apr 2020 11:39
Operator : MA/SJ
Sample : L2245-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-22

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-BF040820.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	5.328	546	551	554	rBV	3287704	3185671	75.45%	4.953%
2	6.363	722	727	730	rBV	3184378	3223254	76.34%	5.012%
3	6.722	784	788	796	rVB	1278598	1119838	26.52%	1.741%
4	6.804	796	802	806	rBV	122097	131488	3.11%	0.204%
5	6.881	811	815	818	rBV	3254951	2803378	66.40%	4.359%
6	7.140	856	859	868	rVB	106177	148878	3.53%	0.231%
7	7.292	879	885	888	rBV	2418662	2280184	54.00%	3.545%
8	7.757	958	964	969	rBV4	87546	114520	2.71%	0.178%
9	8.010	1002	1007	1009	rBV	1797391	1479589	35.04%	2.301%
10	8.034	1009	1011	1014	rVV	202410	174100	4.12%	0.271%
11	8.439	1076	1080	1084	rBV	104855	112128	2.66%	0.174%
12	9.092	1185	1191	1194	rBV	4990534	4222193	100.00%	6.565%
13	9.175	1202	1205	1209	rBV2	98974	136230	3.23%	0.212%
14	9.228	1212	1214	1221	rVB3	81974	99140	2.35%	0.154%
15	9.428	1245	1248	1250	rBV	97989	97020	2.30%	0.151%
16	9.486	1254	1258	1262	rVV2	248048	308287	7.30%	0.479%
17	9.769	1299	1306	1308	rBV	1782964	1620108	38.37%	2.519%
18	9.798	1308	1311	1315	rVB	349088	281320	6.66%	0.437%
19	9.969	1337	1340	1343	rVB	234755	198174	4.69%	0.308%
20	10.204	1377	1380	1383	rVB	104349	93600	2.22%	0.146%
21	10.310	1395	1398	1401	rBV	310959	279321	6.62%	0.434%
22	10.381	1404	1410	1411	rVV2	72954	101210	2.40%	0.157%
23	10.428	1415	1418	1420	rVV	140801	137340	3.25%	0.214%
24	10.469	1423	1425	1430	rVV2	119326	119121	2.82%	0.185%
25	10.557	1435	1440	1443	rVV	2763690	2457377	58.20%	3.821%
26	10.592	1443	1446	1451	rVB4	50618	88444	2.09%	0.138%
27	10.680	1458	1461	1467	rBV2	226316	328291	7.78%	0.510%
28	10.863	1486	1492	1494	rBV3	116600	175961	4.17%	0.274%
29	10.992	1509	1514	1515	rBV2	78458	99701	2.36%	0.155%
30	11.016	1515	1518	1520	rVV3	102776	119449	2.83%	0.186%
31	11.057	1522	1525	1529	rVV2	140182	133511	3.16%	0.208%
32	11.110	1530	1534	1535	rVV2	107876	148049	3.51%	0.230%
33	11.128	1535	1537	1539	rVV	169227	158396	3.75%	0.246%
34	11.151	1539	1541	1546	rVB2	204846	255009	6.04%	0.397%

LSC Area Percent Report

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Operator : MA/SJ
Sample : L2245-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-22

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.251	1555	1558	1560	rBV	1470721	1433596	33.95%	2.229%
36	11.280	1560	1563	1566	rVV	2728083	2223309	52.66%	3.457%
37	11.328	1568	1571	1574	rVB	749525	576577	13.66%	0.897%
38	11.363	1574	1577	1580	rBV2	171589	187999	4.45%	0.292%
39	11.486	1595	1598	1600	rBV	173313	143388	3.40%	0.223%
40	11.510	1600	1602	1606	rVB4	95745	100933	2.39%	0.157%
41	11.551	1606	1609	1612	rBV2	191039	162764	3.85%	0.253%
42	11.757	1640	1644	1646	rVV	449230	445423	10.55%	0.693%
43	11.786	1646	1649	1654	rVV2	999421	1313214	31.10%	2.042%
44	11.827	1654	1656	1659	rVV	269107	304040	7.20%	0.473%
45	11.869	1659	1663	1665	rVV	768551	894008	21.17%	1.390%
46	11.886	1665	1666	1671	rVB	356966	323619	7.66%	0.503%
47	11.963	1677	1679	1681	rBV	140301	108885	2.58%	0.169%
48	11.998	1682	1685	1688	rVV4	119665	145162	3.44%	0.226%
49	12.051	1691	1694	1696	rVV	350559	308126	7.30%	0.479%
50	12.075	1696	1698	1702	rVV2	181139	168077	3.98%	0.261%
51	12.110	1702	1704	1711	rVB2	132740	166888	3.95%	0.259%
52	12.204	1717	1720	1723	rVB2	229656	219536	5.20%	0.341%
53	12.233	1723	1725	1727	rBV	183091	167828	3.97%	0.261%
54	12.257	1727	1729	1732	rVB	152609	134926	3.20%	0.210%
55	12.310	1735	1738	1741	rVV	395940	448174	10.61%	0.697%
56	12.351	1742	1745	1750	rVB2	331804	434154	10.28%	0.675%
57	12.398	1750	1753	1757	rBV2	182005	232541	5.51%	0.362%
58	12.474	1762	1766	1769	rBV	3755809	3200181	75.79%	4.976%
59	12.516	1769	1773	1775	rBV3	244236	235951	5.59%	0.367%
60	12.574	1780	1783	1786	rBV4	307058	322396	7.64%	0.501%
61	12.704	1798	1805	1807	rBV2	2851735	3352361	79.40%	5.212%
62	12.816	1821	1824	1825	rBV2	257185	220216	5.22%	0.342%
63	12.845	1825	1829	1835	rVB	3741199	3482231	82.47%	5.414%
64	12.916	1837	1841	1845	rBV2	275190	376825	8.92%	0.586%
65	12.980	1849	1852	1853	rBV2	141969	132105	3.13%	0.205%
66	13.004	1853	1856	1857	rVV3	136381	151114	3.58%	0.235%
67	13.027	1857	1860	1863	rVB2	632194	557459	13.20%	0.867%
68	13.092	1867	1871	1873	rBV2	446774	475824	11.27%	0.740%
69	13.127	1873	1877	1880	rBV2	409394	416755	9.87%	0.648%
70	13.222	1890	1893	1896	rVB	217805	183966	4.36%	0.286%
71	13.251	1896	1898	1902	rBV2	217840	182831	4.33%	0.284%

LSC Area Percent Report

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Sample : L2245-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-22

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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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.310	1906	1908	1910	rVV	136298	99456	2.36%	0.155%
73	13.427	1925	1928	1930	rBV2	179057	149543	3.54%	0.233%
74	13.533	1944	1946	1951	rVB	181444	211689	5.01%	0.329%
75	13.645	1962	1965	1967	rBV3	170514	179174	4.24%	0.279%
76	13.674	1967	1970	1972	rVV	210572	206811	4.90%	0.322%
77	13.692	1972	1973	1975	rVV	194512	159579	3.78%	0.248%
78	13.751	1979	1983	1990	rVB2	383489	598627	14.18%	0.931%
79	13.892	2003	2007	2010	rBV2	1683564	2335824	55.32%	3.632%
80	13.921	2010	2012	2018	rVB	1324737	1293152	30.63%	2.011%
81	14.004	2023	2026	2028	rVB	229641	188623	4.47%	0.293%
82	14.069	2035	2037	2042	rVB4	168463	199785	4.73%	0.311%
83	14.280	2069	2073	2077	rBV	312896	352065	8.34%	0.547%
84	14.316	2077	2079	2082	rVB	188821	154745	3.67%	0.241%
85	14.374	2086	2089	2092	rVB2	273852	249335	5.91%	0.388%
86	14.410	2092	2095	2096	rBV2	148008	136037	3.22%	0.212%
87	14.674	2137	2140	2142	rBV2	123334	137304	3.25%	0.213%
88	14.921	2177	2182	2185	rBV	1047551	1664040	39.41%	2.587%
89	14.992	2192	2194	2197	rBV2	134238	162524	3.85%	0.253%
90	15.021	2197	2199	2202	rVB	191180	158993	3.77%	0.247%
91	15.204	2226	2230	2236	rVB	607736	829257	19.64%	1.289%
92	15.268	2236	2241	2246	rVV	975231	1125020	26.65%	1.749%
93	15.327	2246	2251	2254	rVV	663155	852282	20.19%	1.325%
94	15.357	2254	2256	2262	rVB3	359991	427491	10.12%	0.665%
95	15.774	2324	2327	2331	rBV2	101463	117792	2.79%	0.183%
96	16.715	2482	2487	2495	rVB2	448629	886184	20.99%	1.378%
97	16.880	2511	2515	2520	rVB	93176	142286	3.37%	0.221%
98	16.939	2521	2525	2529	rBV2	82644	135491	3.21%	0.211%
99	17.139	2553	2559	2568	rVB	322228	647579	15.34%	1.007%
100	17.357	2592	2596	2601	rVB	82020	149772	3.55%	0.233%

Sum of corrected areas: 64314122

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120051.D
Acq On : 17 Apr 2020 11:39
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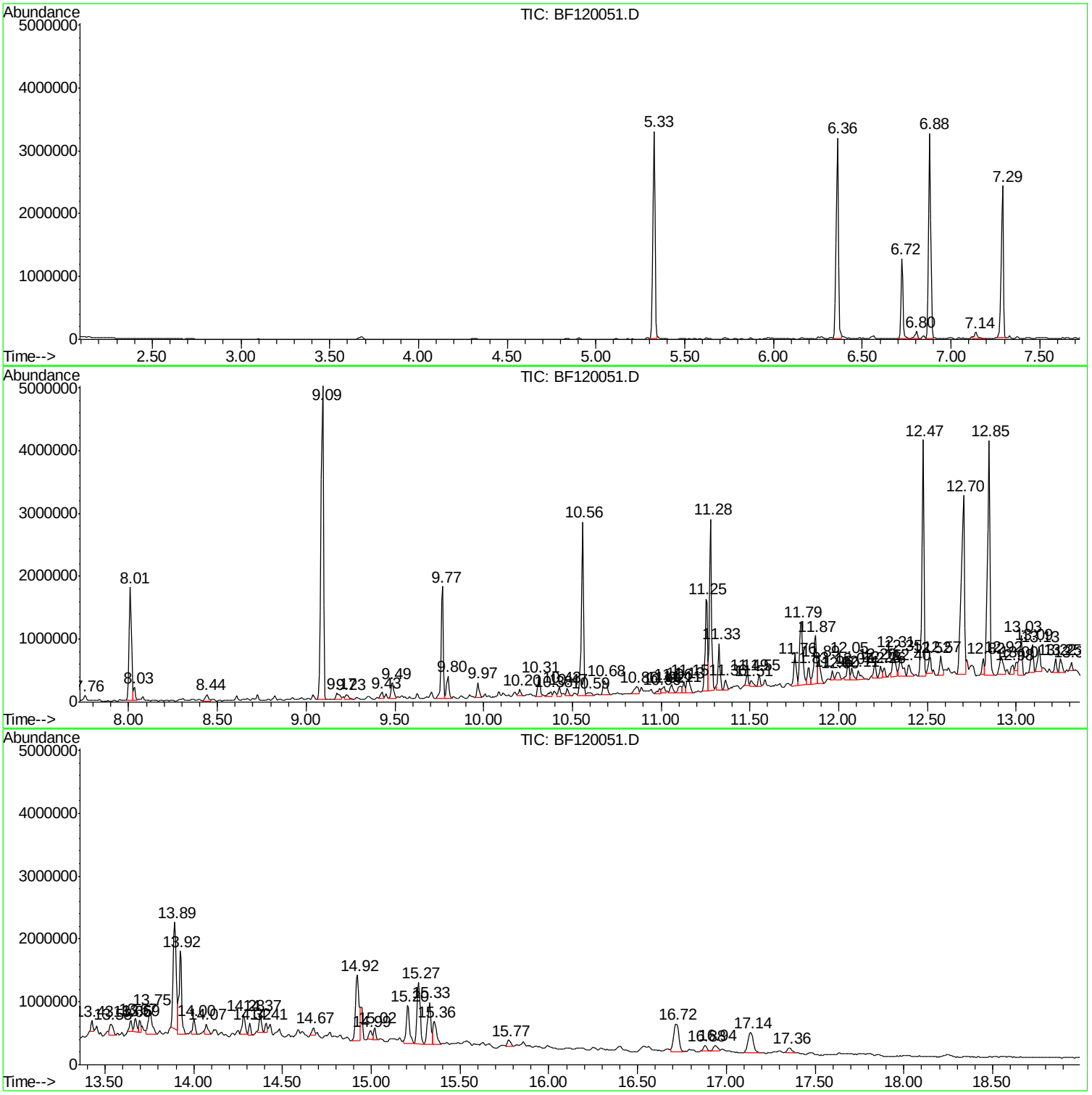
Sample : L2245-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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\BF041720\
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Acq On : 17 Apr 2020 11:39
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Sample : L2245-18
Misc :
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Instrument : BNA_F
ClientSampleId : TP-22

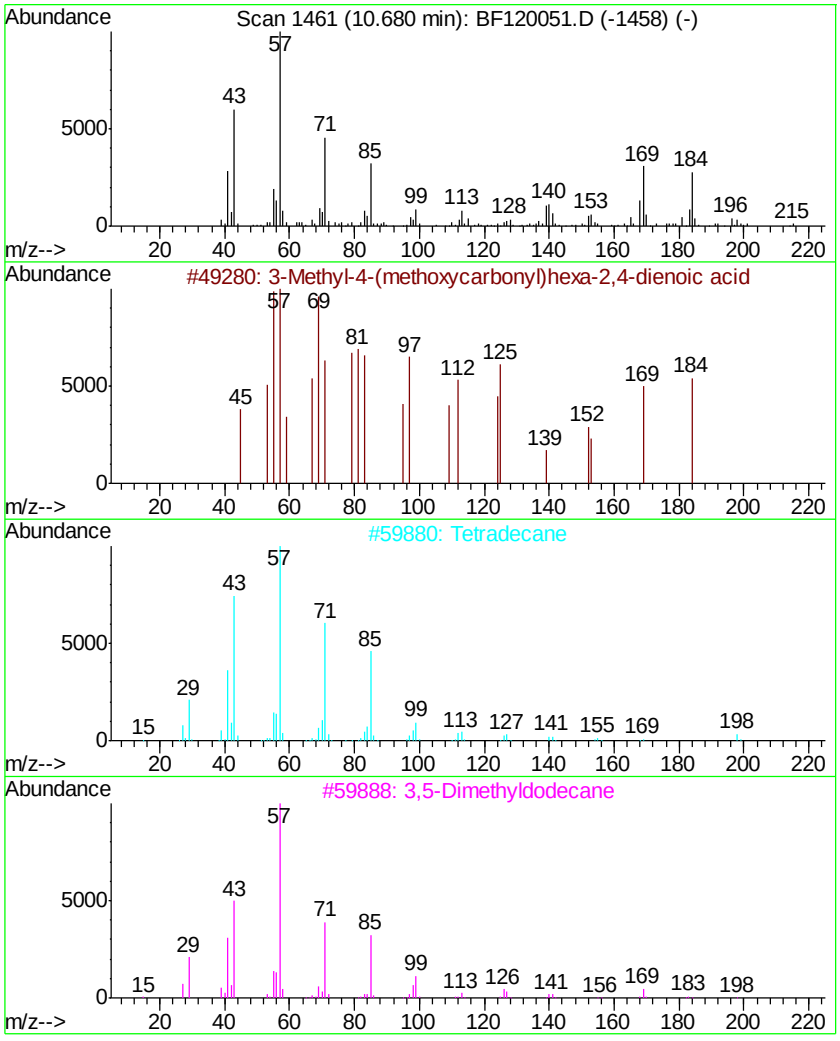
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

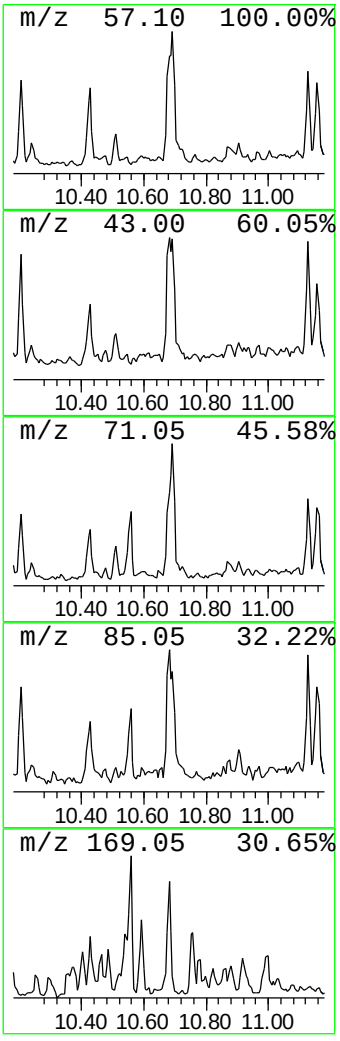
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Methyl-4-(methoxycarbonyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	4.58 ng	328291	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	86
2	Tetradecane	198	C14H30	000629-59-4	83
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
4	Tetracosane	338	C24H50	000646-31-1	43
5	Hexadecane	226	C16H34	000544-76-3	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120051.D
Acq On : 17 Apr 2020 11:39
Operator : MA/SJ
Sample : L2245-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

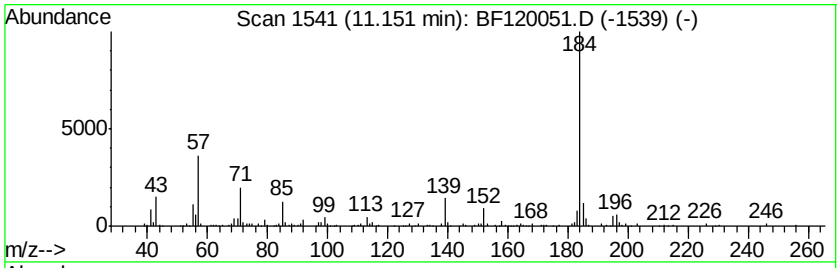
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

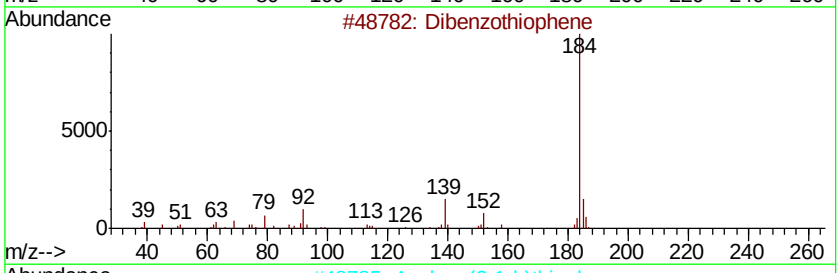
****

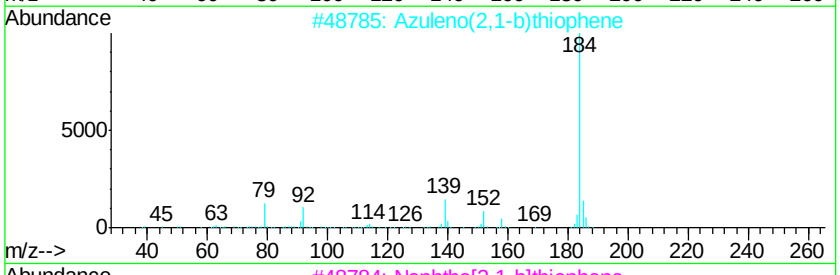
Peak Number 3 Dibenzothiophene Concentration Rank 18

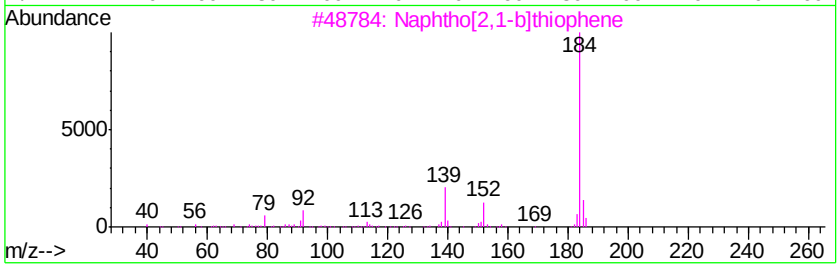
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	3.56 ng	255009	Phenanthrene-d10	11.25

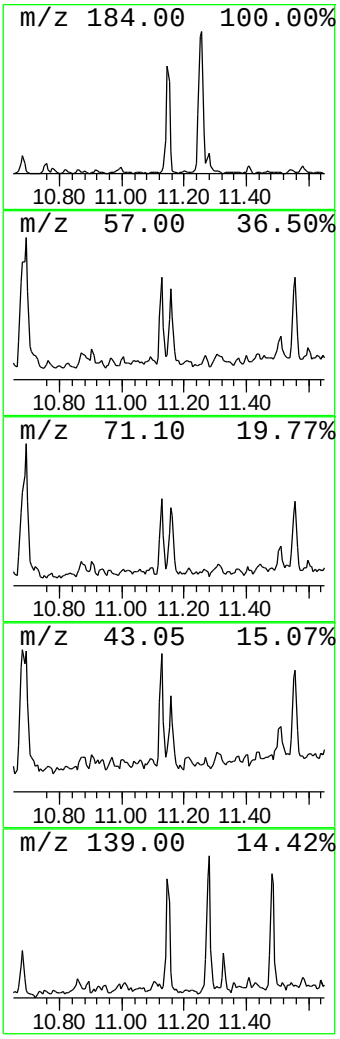
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	70
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	53
4	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	53
5	l-Proline, N-neopentyloxycarbony...	453	C27H51NO4	1000328-26-9	53











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Sample : L2245-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

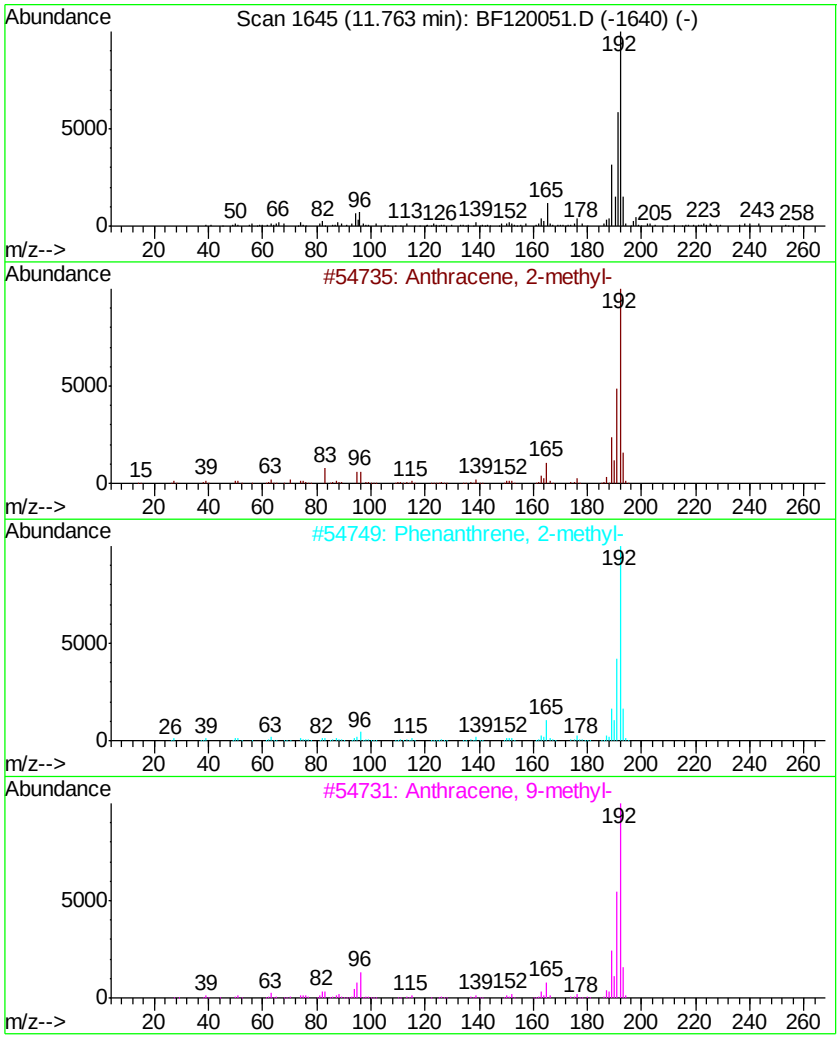
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

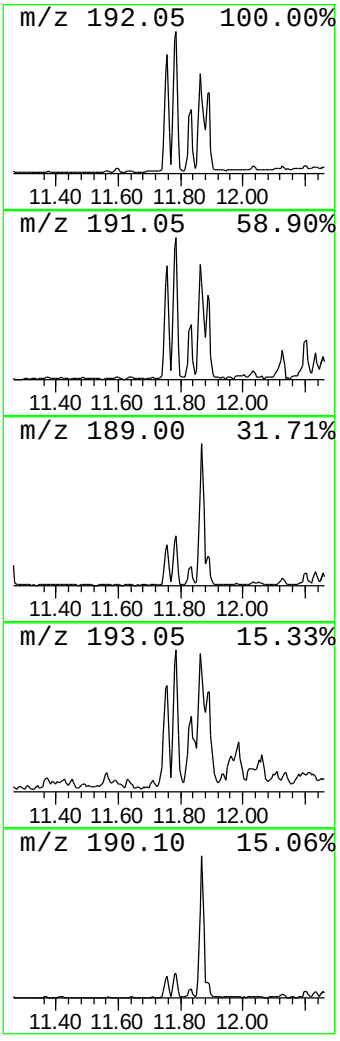
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	6.21 ng	445423	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Library Search Compound Report

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Data File : BF120051.D
Acq On : 17 Apr 2020 11:39
Operator : MA/SJ
Sample : L2245-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

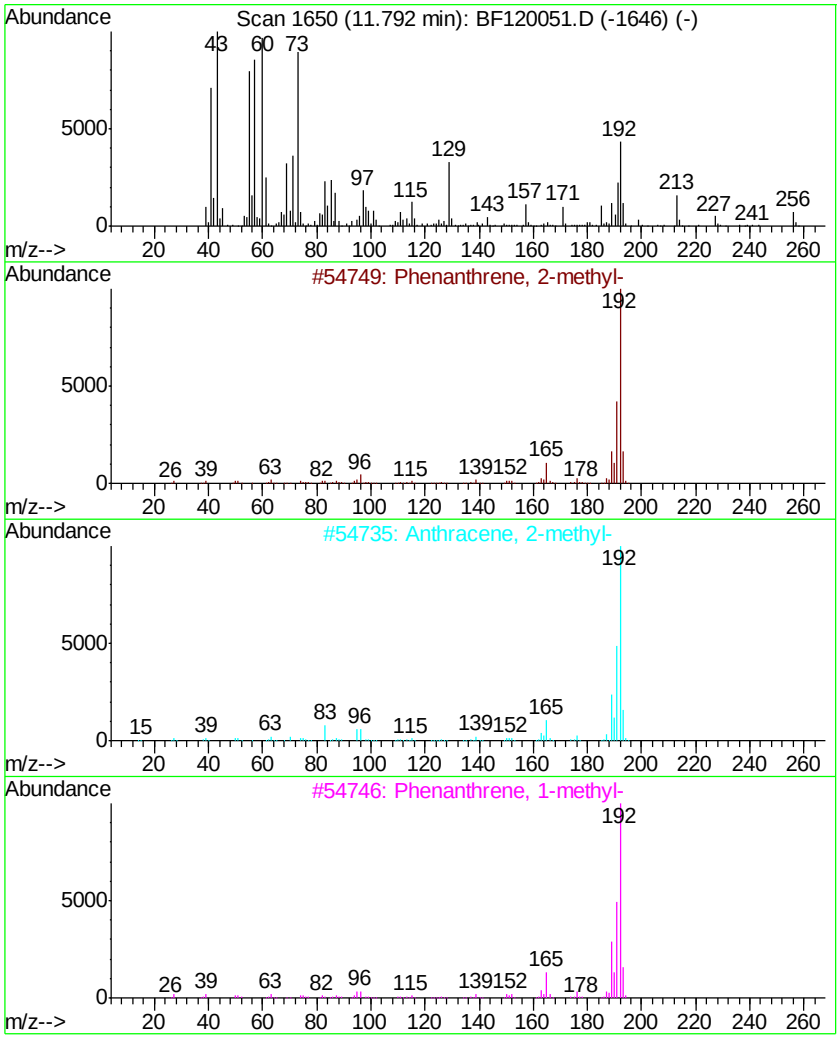
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

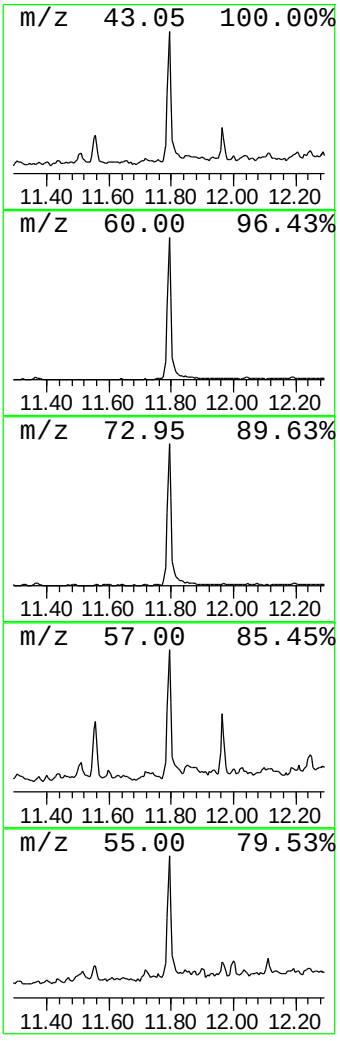
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	18.32 ng	1313210	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Library Search Compound Report

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Data File : BF120051.D
Acq On : 17 Apr 2020 11:39
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Sample : L2245-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

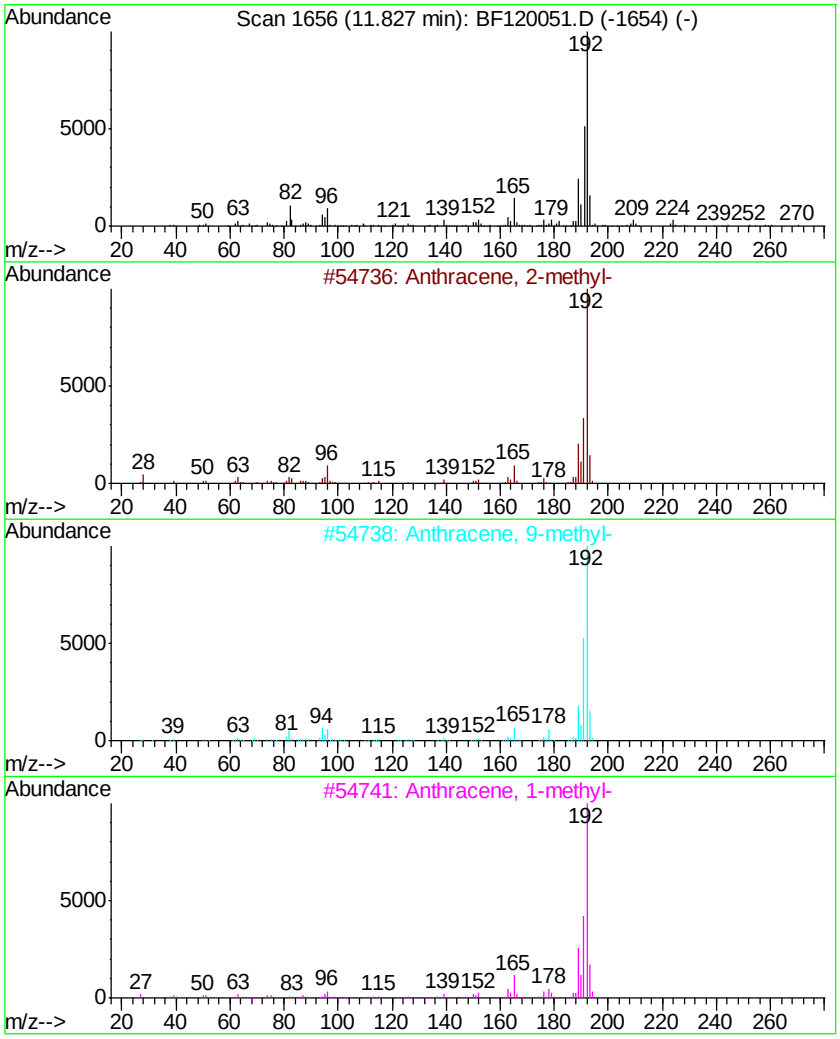
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

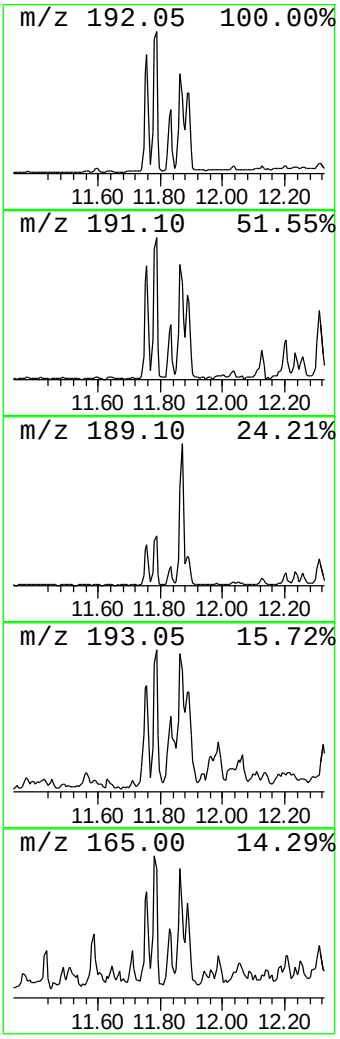
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	4.24 ng	304040	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Data File : BF120051.D
Acq On : 17 Apr 2020 11:39
Operator : MA/SJ
Sample : L2245-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-22

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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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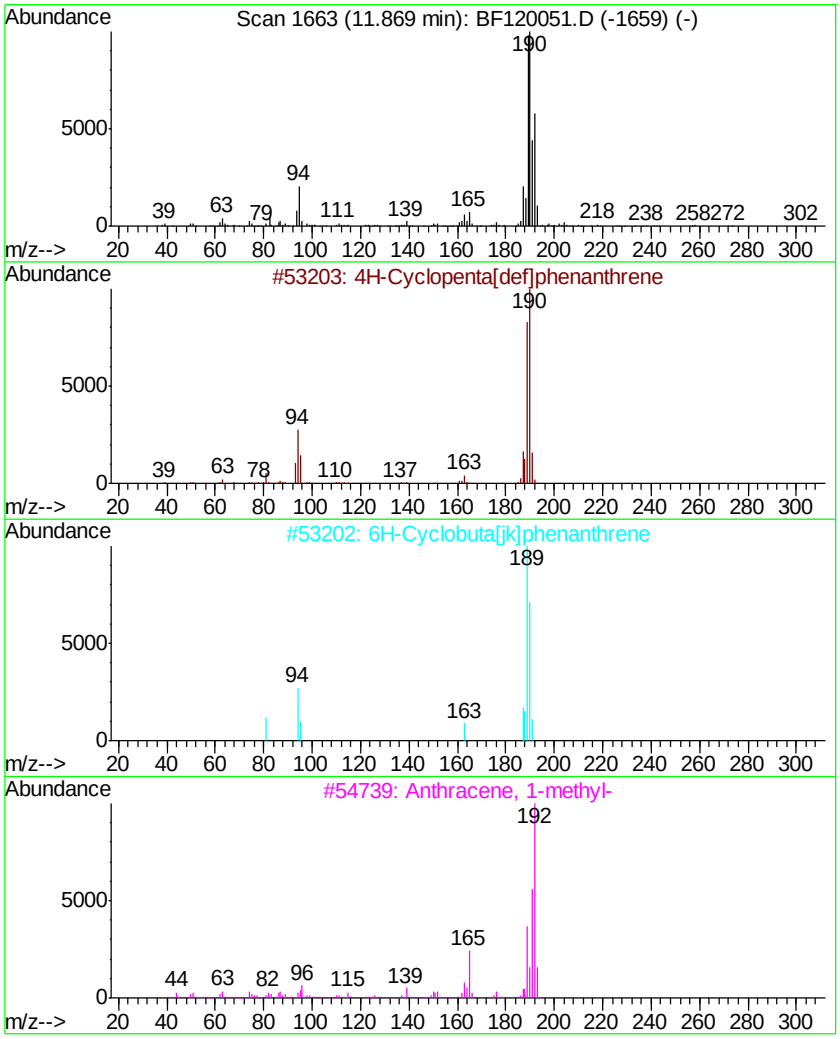
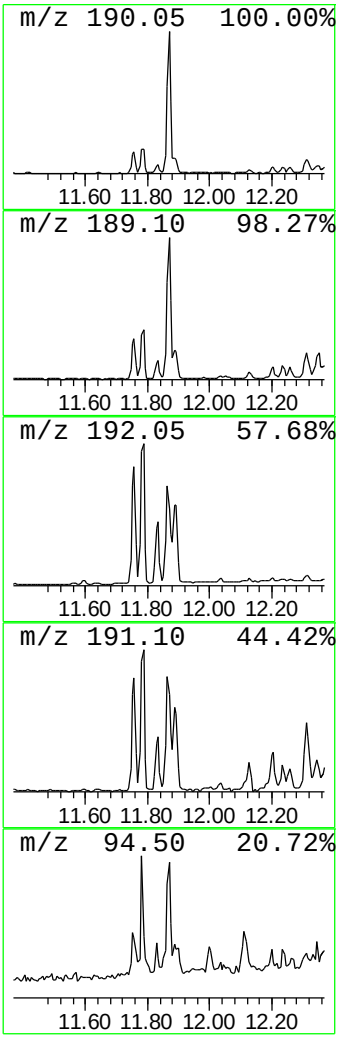
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	12.47 ng	894008	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	20
4	3,4-Methylenedioxycinnamic acid	192	C10H8O4	002373-80-0	14
5	2-Hydroxy-4-methyl-6-(2-thienyl)...	192	C9H8N2OS	026963-45-1	14





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ClientSampleId : TP-22

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TIC Library : C:\DATABASE\NIST11.L
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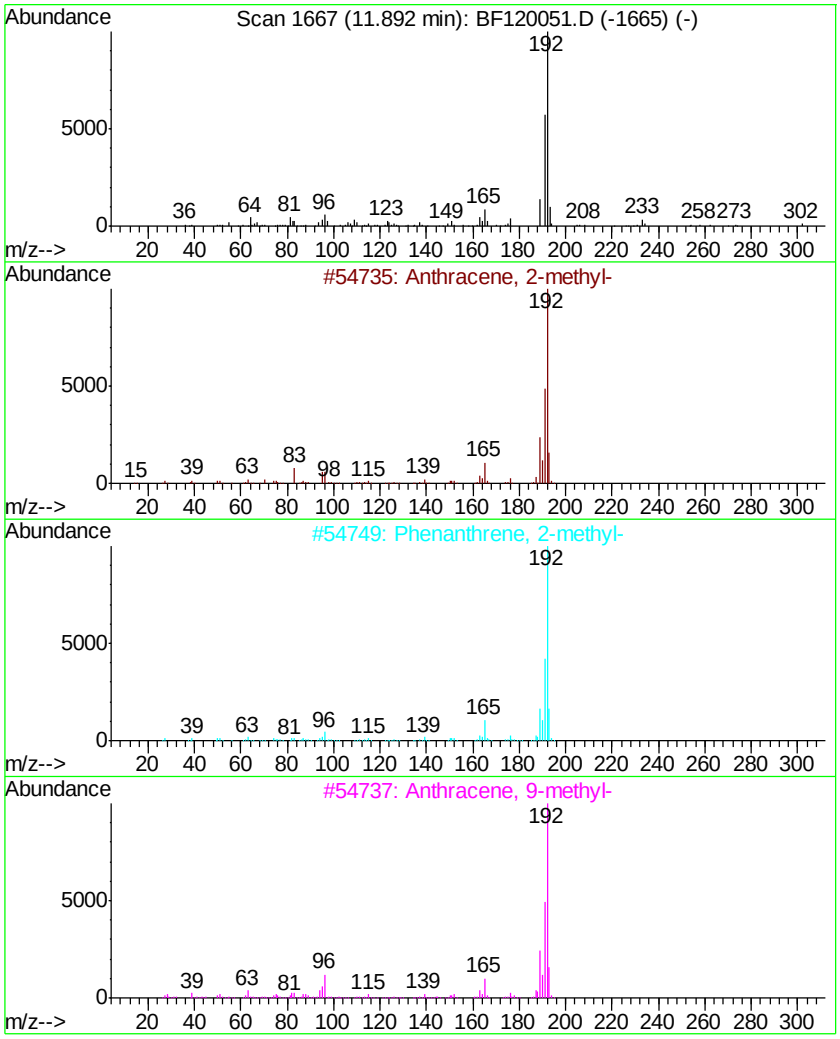
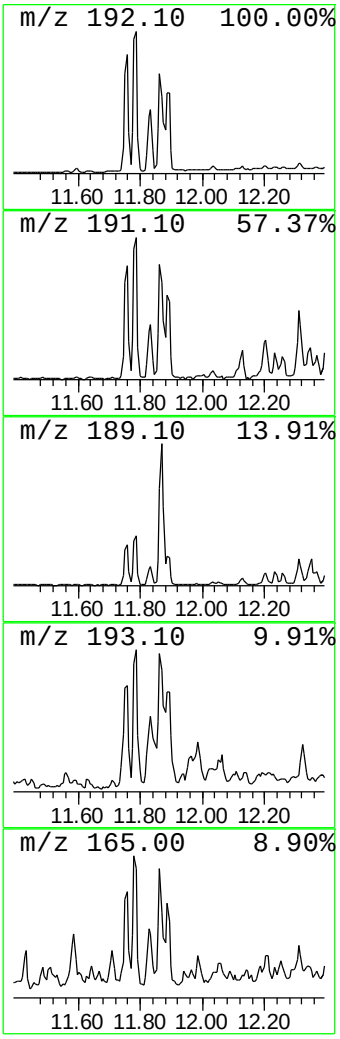
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.51 ng	323619	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72





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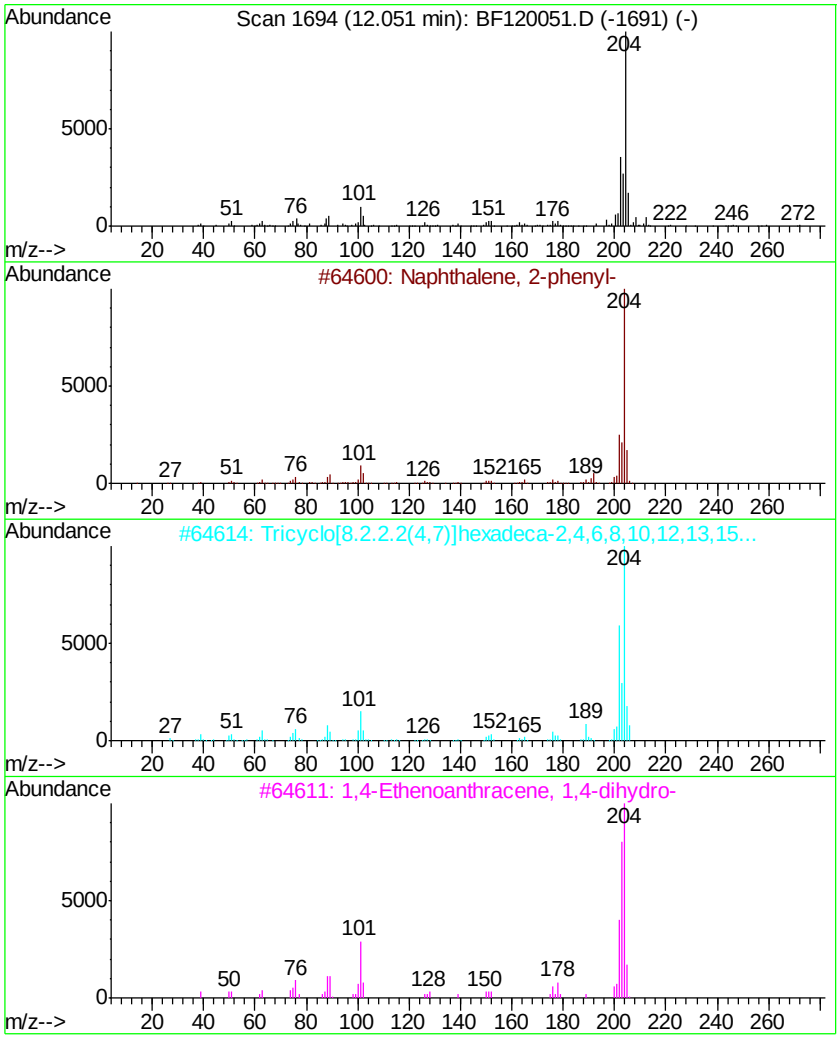
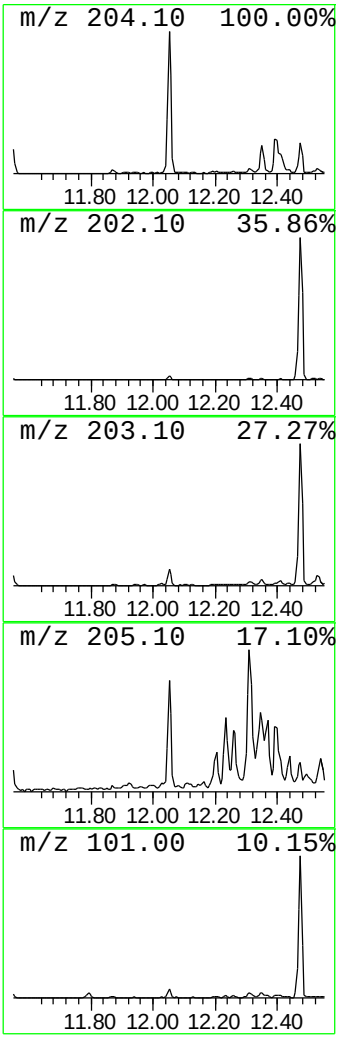
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	4.30 ng	308126	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	53
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53
5	Levamisole	204	C11H12N2S	014769-73-4	52





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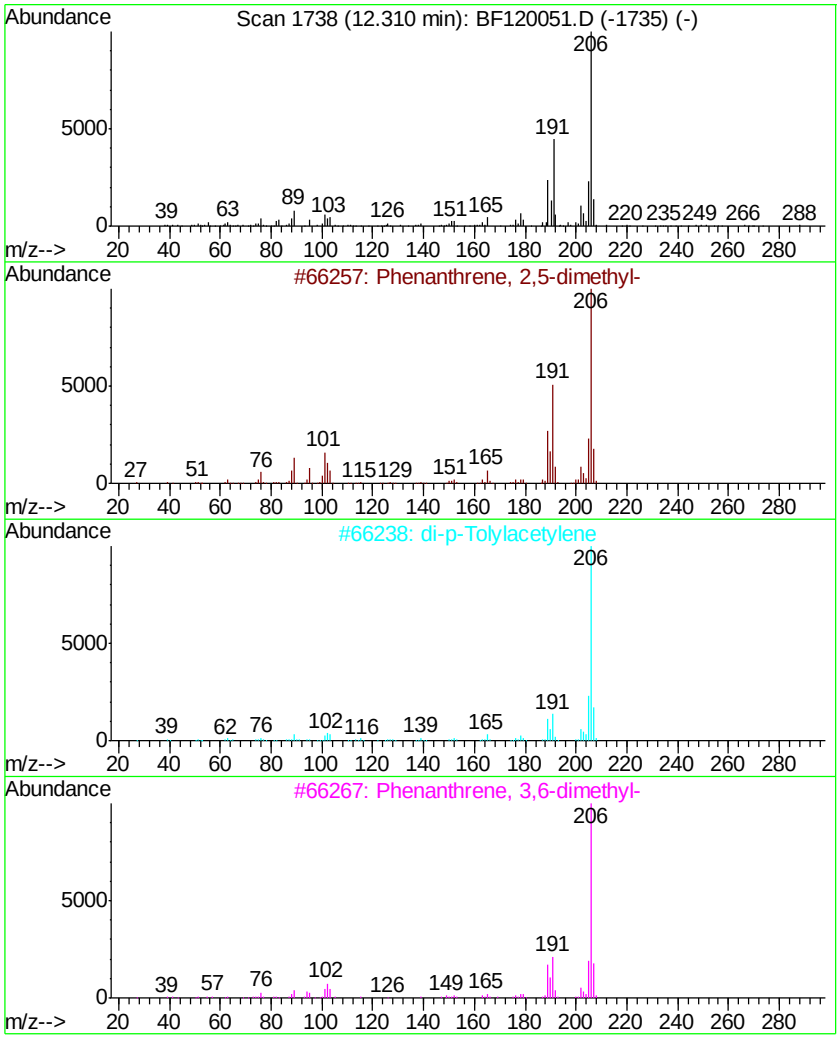
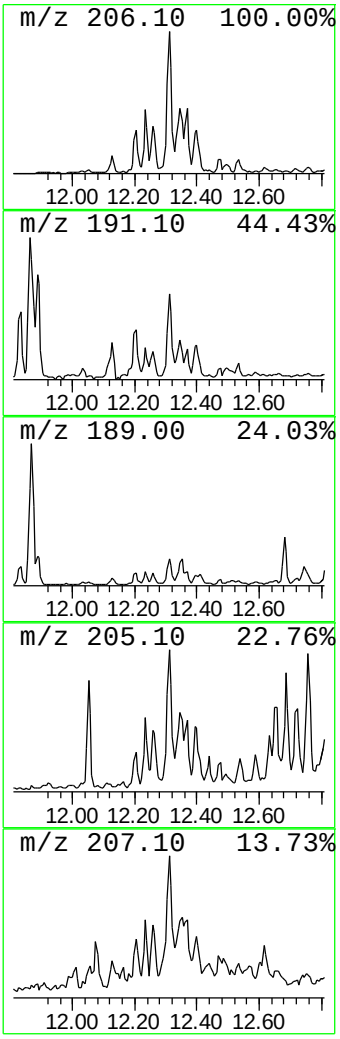
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	6.25 ng	448174	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83





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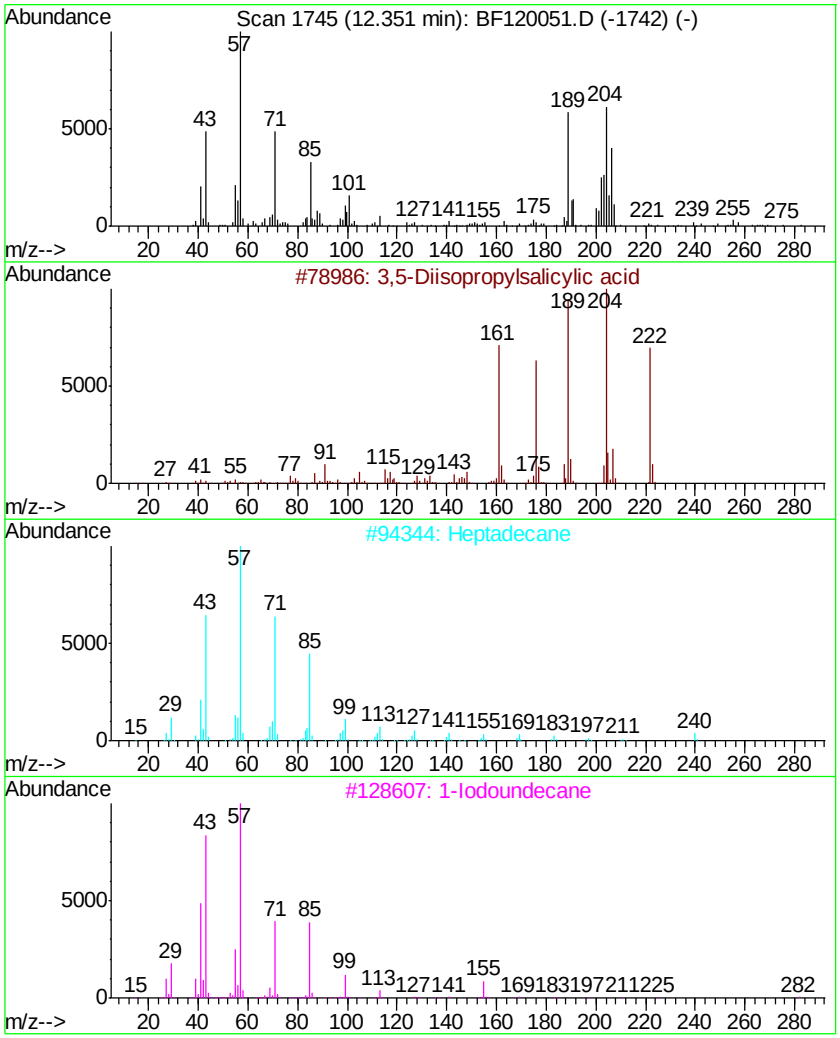
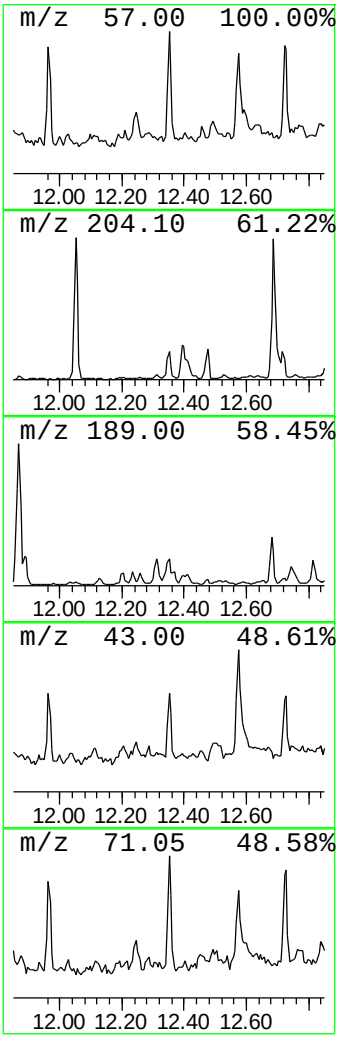
Peak Number 11 unknown12.35 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	6.06 ng	434154	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Diisopropylsalicylic acid	222	C13H18O3	002215-21-6	27
2	Heptadecane	240	C17H36	000629-78-7	25
3	1-Iodoundecane	282	C11H23I	004282-44-4	25
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	25
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	22





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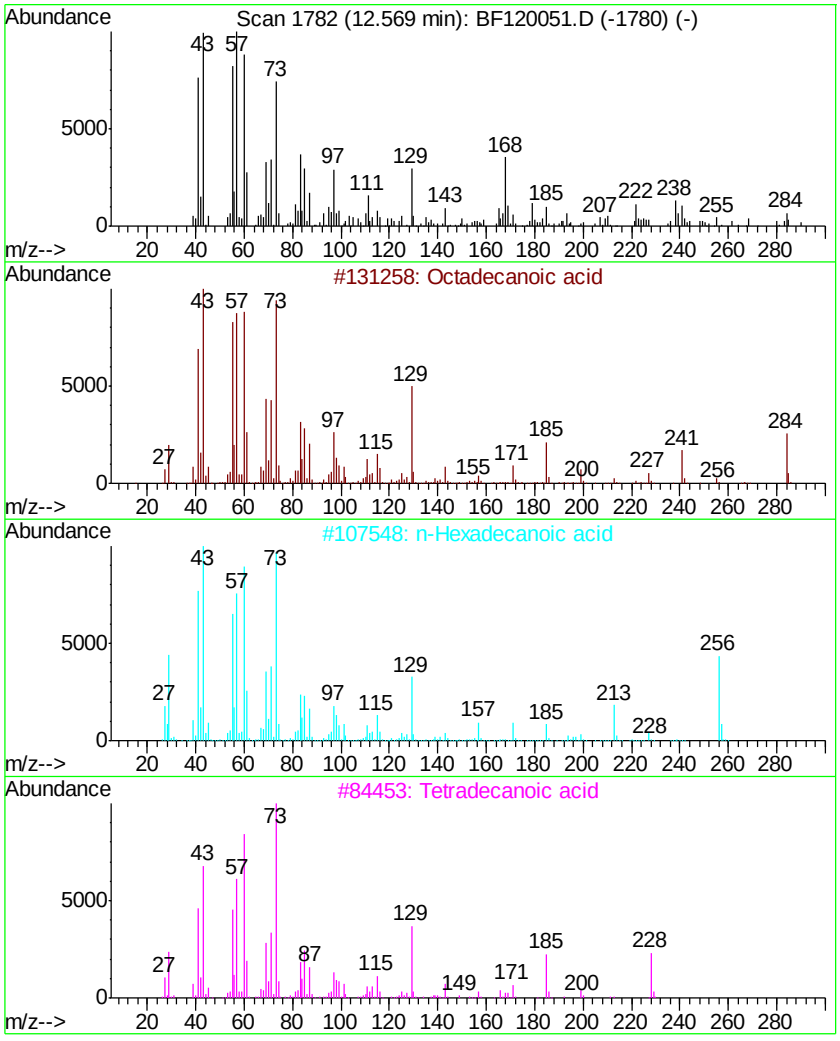
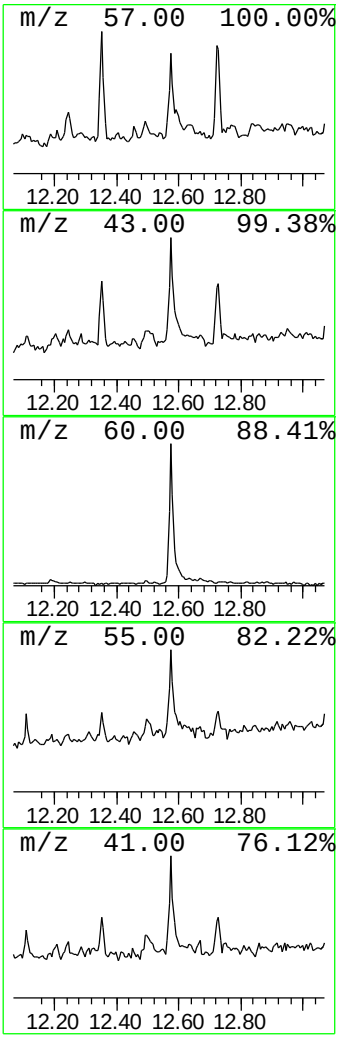
Peak Number 12 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	4.50 ng	322396	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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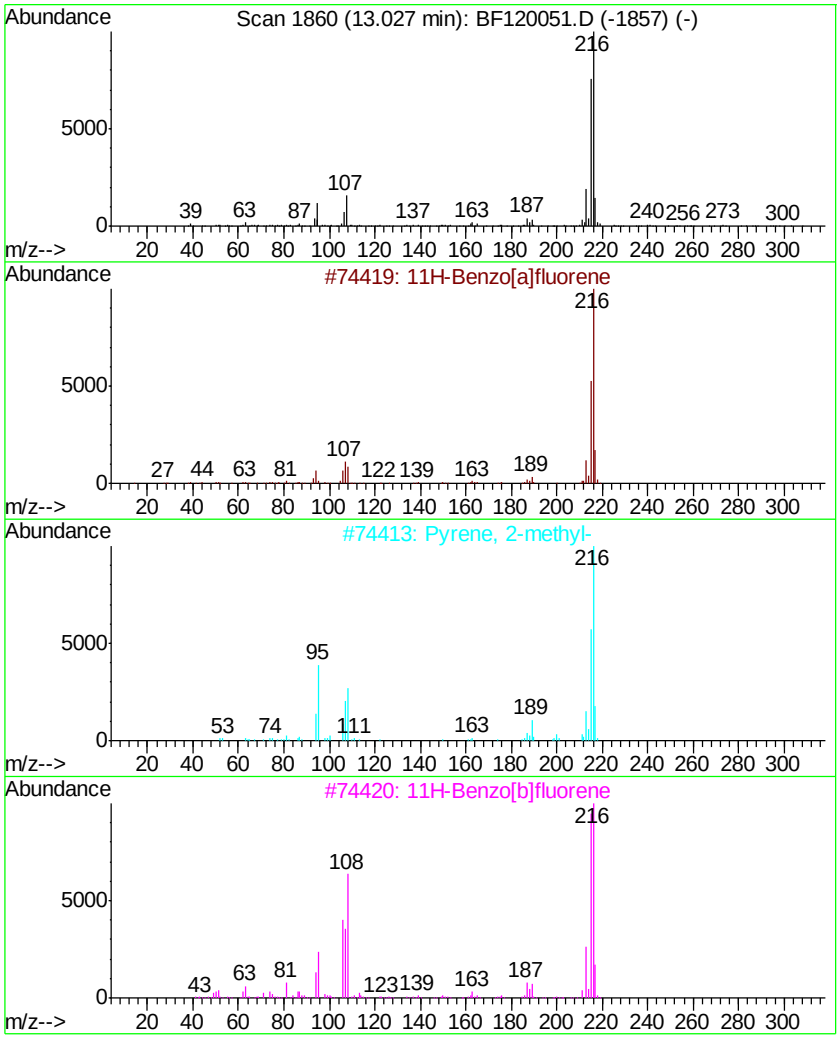
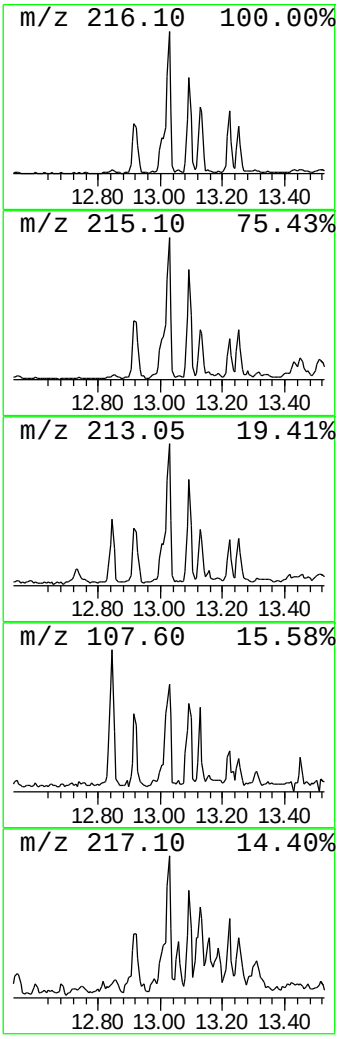
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	4.77 ng	557459	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





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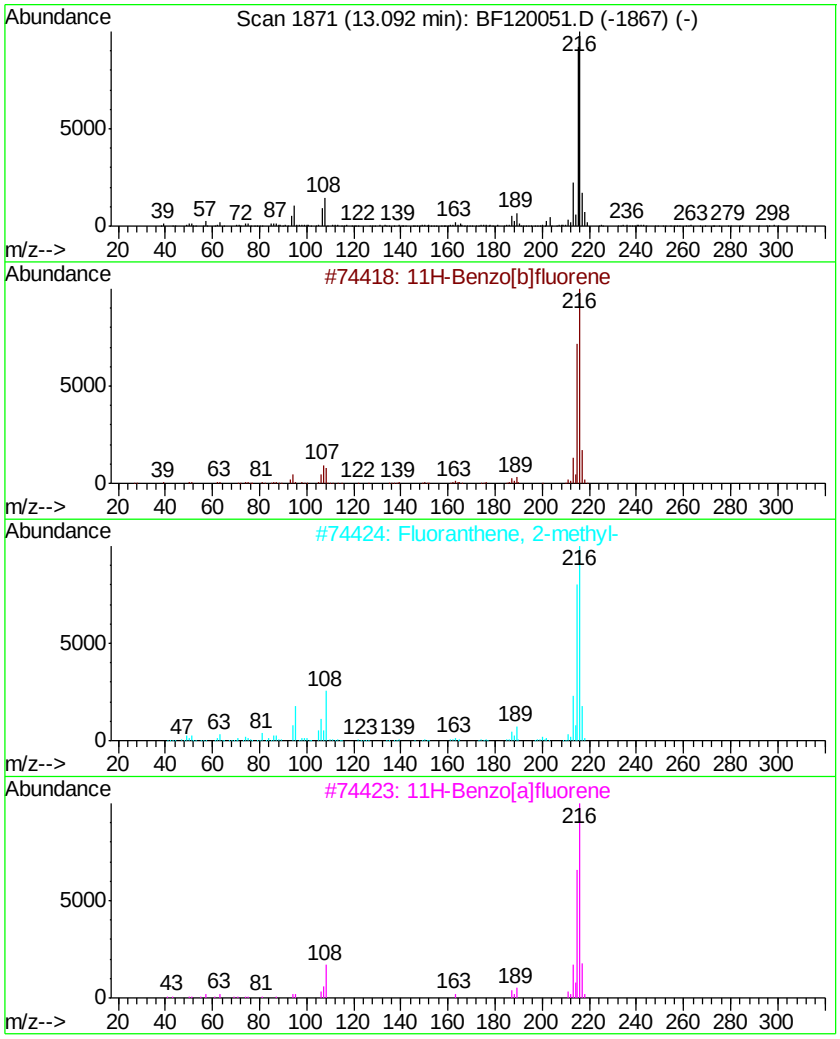
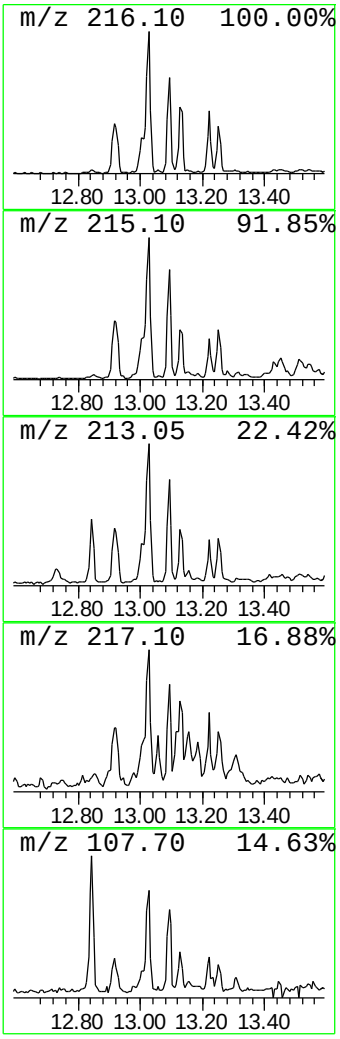
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	4.07 ng	475824	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





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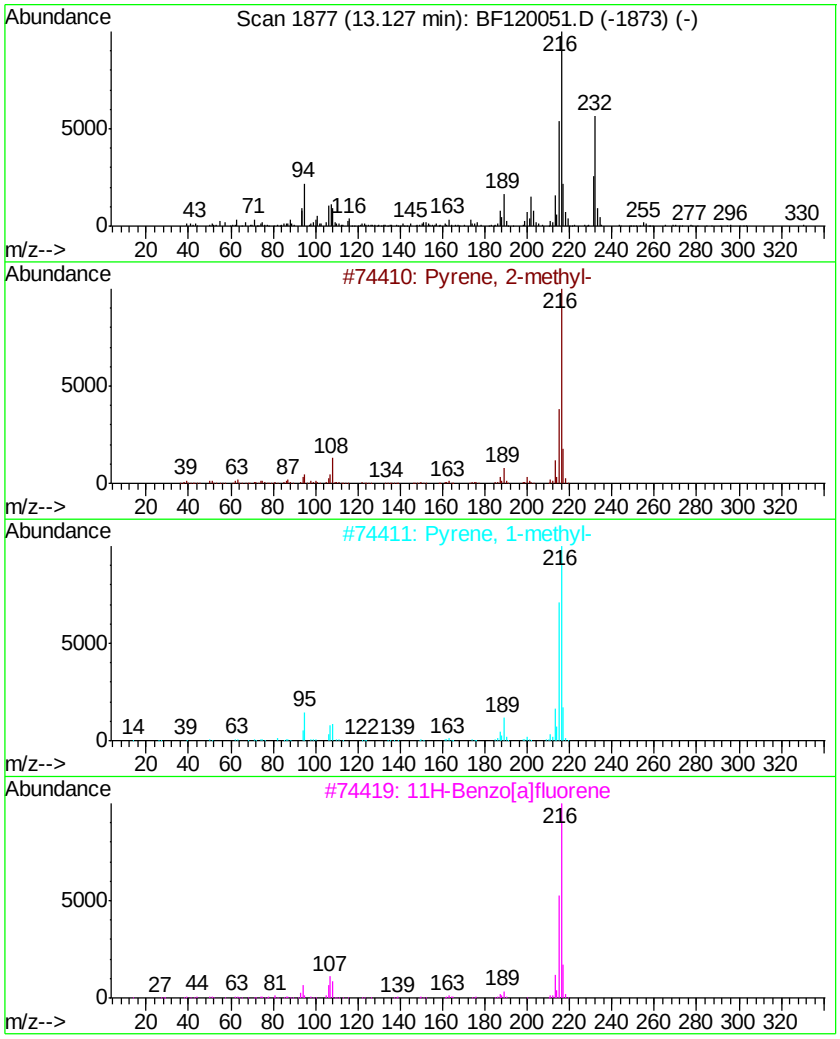
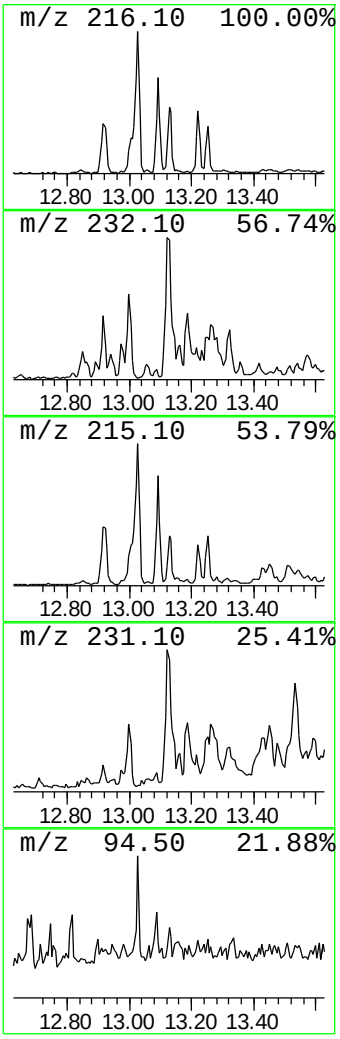
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	3.57 ng	416755	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50





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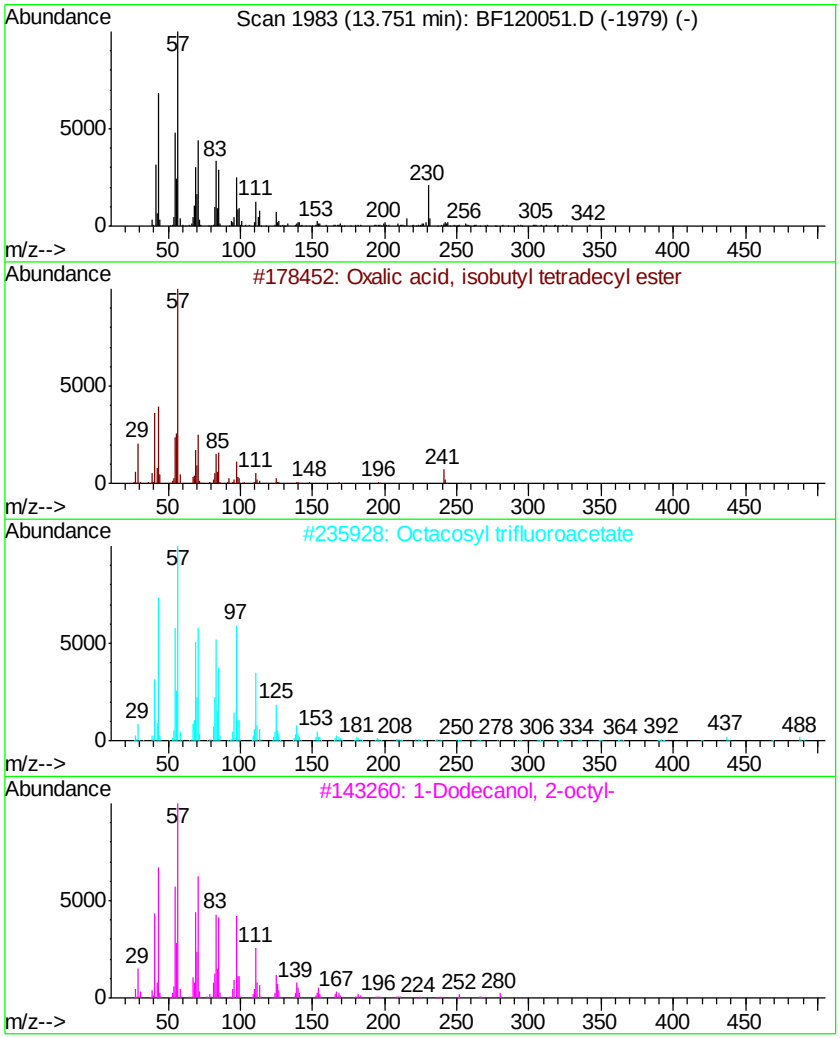
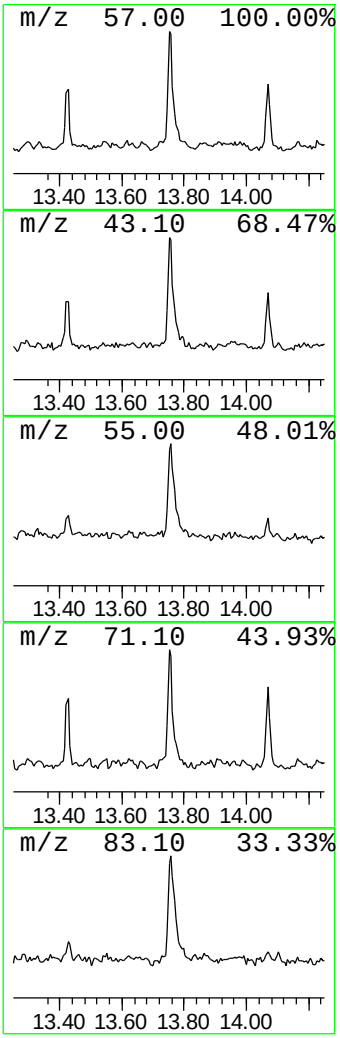
Peak Number 16 Oxalic acid, isobutyl tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	5.13 ng	598627	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	87
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	86
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	86
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	76
5	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	58





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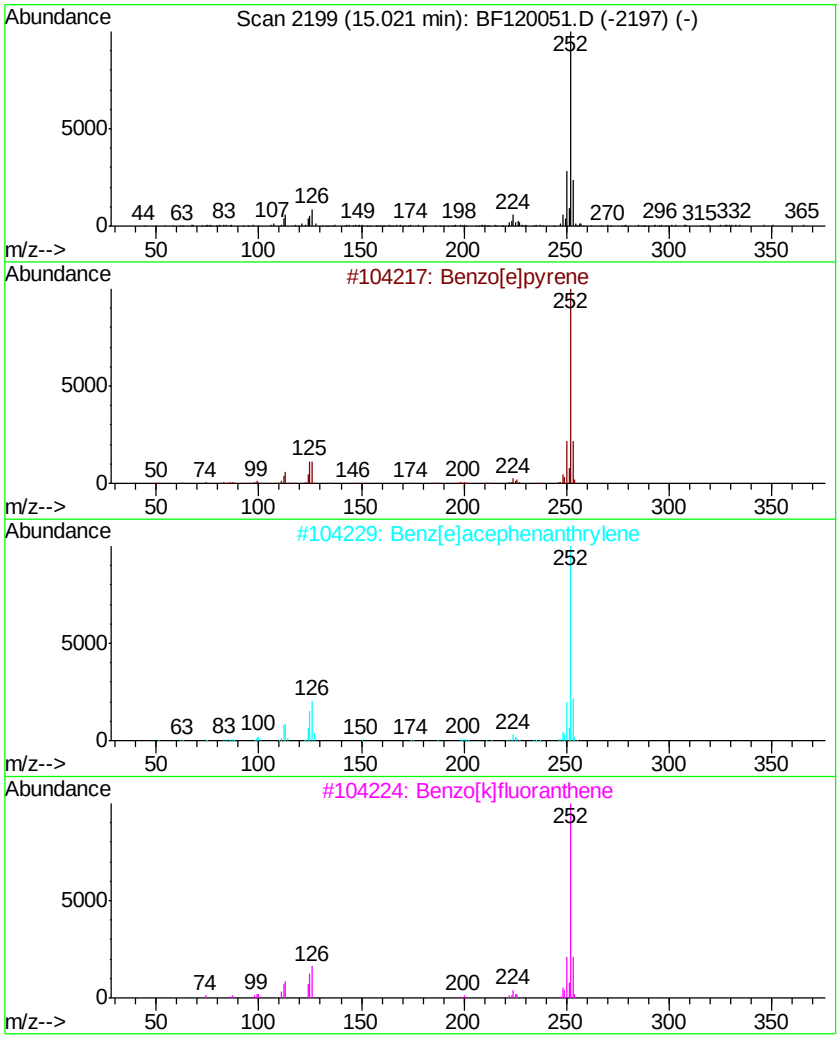
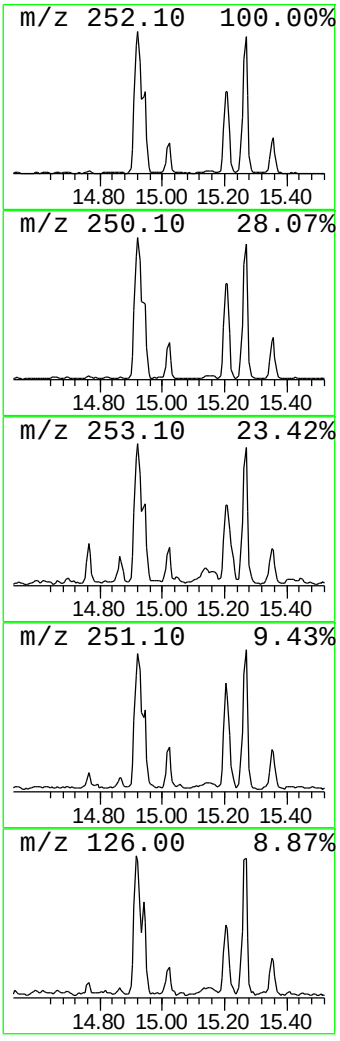
Peak Number 17 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	3.73 ng	158993	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Perylene	252	C20H12	000198-55-0	74
5	Benzo[a]pyrene	252	C20H12	000050-32-8	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120051.D
Acq On : 17 Apr 2020 11:39
Operator : MA/SJ
Sample : L2245-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

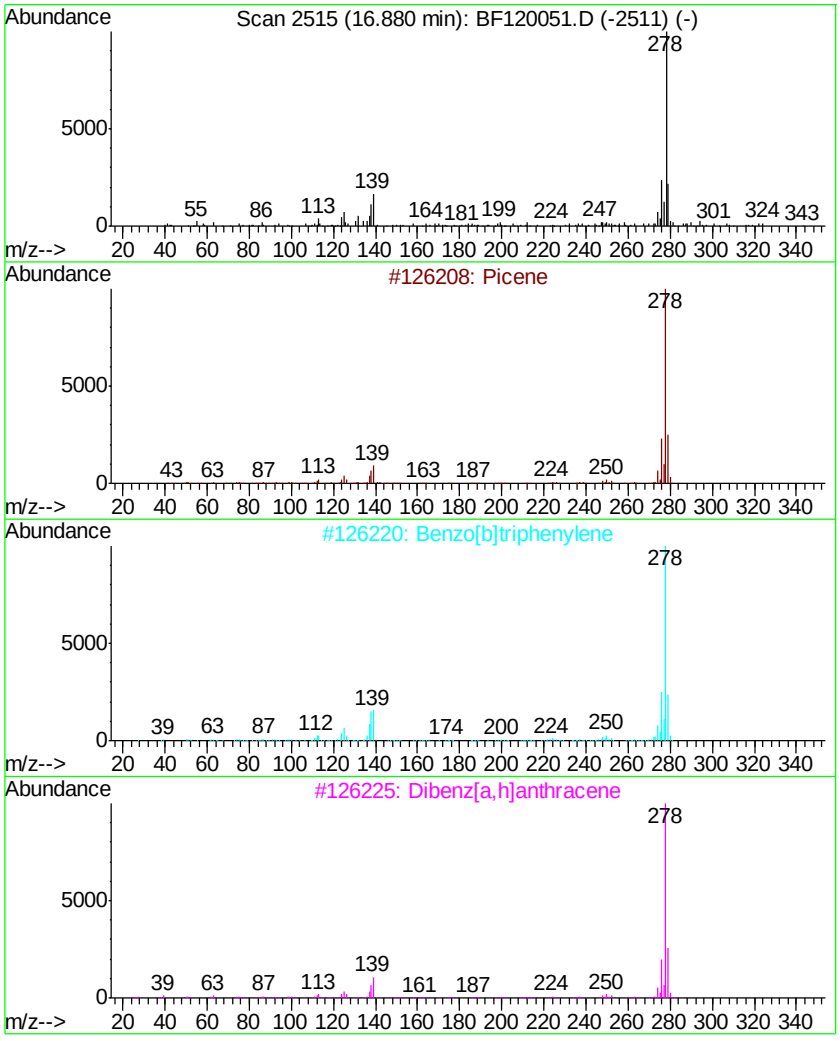
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

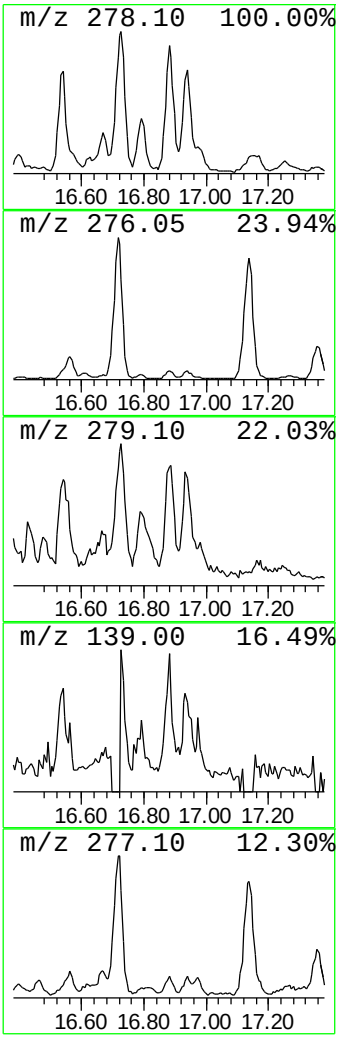
****

Peak Number 19 Picene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	3.34 ng	142286	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	96
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
4	Benzo[b]chrysene	278	C22H14	000214-17-5	93
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041720\
Data File : BF120051.D
Acq On : 17 Apr 2020 11:39
Operator : MA/SJ
Sample : L2245-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
3-Methyl-4-(metho...	10.68	4.6	ng	328291	4	11.25	1433600	20.0
Dibenzothiophene	11.15	3.6	ng	255009	4	11.25	1433600	20.0
Anthracene, 2-met...	11.76	6.2	ng	445423	4	11.25	1433600	20.0
Phenanthrene, 2-m...	11.79	18.3	ng	1313210	4	11.25	1433600	20.0
Anthracene, 9-met...	11.83	4.2	ng	304040	4	11.25	1433600	20.0
4H-Cyclopenta[def...	11.87	12.5	ng	894008	4	11.25	1433600	20.0
1H-Cyclopropa[l]p...	11.89	4.5	ng	323619	4	11.25	1433600	20.0
Naphthalene, 2-ph...	12.05	4.3	ng	308126	4	11.25	1433600	20.0
Phenanthrene, 2,5...	12.31	6.3	ng	448174	4	11.25	1433600	20.0
unknown12.35	12.35	6.1	ng	434154	4	11.25	1433600	20.0
Octadecanoic acid	12.57	4.5	ng	322396	4	11.25	1433600	20.0
11H-Benzo[a]fluorene	13.03	4.8	ng	557459	5	13.90	2335820	20.0
11H-Benzo[b]fluorene	13.09	4.1	ng	475824	5	13.90	2335820	20.0
Pyrene, 2-methyl-	13.13	3.6	ng	416755	5	13.90	2335820	20.0
Oxalic acid, isob...	13.75	5.1	ng	598627	5	13.90	2335820	20.0
Benzo[e]pyrene	15.02	3.7	ng	158993	6	15.33	852282	20.0
Picene	16.88	3.3	ng	142286	6	15.33	852282	20.0