LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120272.D
Acq On : 1 May 2020 21:41
Operator : MA/SJ
Sample : L2463-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-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-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	5.263	536	540	553	rBV	1761018	1791808	85.83%	5.792%
2	6.310	714	718	734	rBV	1671362	1755722	84.11%	5.675%
3	6.651	772	776	779	rBV	620019	519464	24.88%	1.679%
4	6.804	798	802	806	rBV	1875659	1541405	73.84%	4.982%
5	7.216	868	872	875	rBV	1338807	1161074	55.62%	3.753%
6	7.934	990	994	1000	rBV	761729	644236	30.86%	2.082%
7	8.745	1130	1132	1136	rVB	37766	28587	1.37%	0.092%
8	9.016	1174	1178	1181	rBV	2629401	2087514	100.00%	6.747%
9	9.275	1219	1222	1225	rBV2	27097	34122	1.63%	0.110%
10	9.351	1231	1235	1237	rBV	69044	69531	3.33%	0.225%
11	9.375	1237	1239	1242	rVV	43538	34866	1.67%	0.113%
12	9.410	1242	1245	1249	rVV	141802	110745	5.31%	0.358%
13	9.463	1250	1254	1259	rVV	42592	44516	2.13%	0.144%
14	9.545	1266	1268	1274	rVB	107528	94533	4.53%	0.306%
15	9.686	1284	1292	1295	rBV	763276	654904	31.37%	2.117%
16	9.722	1295	1298	1302	rVB	66889	65277	3.13%	0.211%
17	9.798	1307	1311	1315	rBV2	24471	31568	1.51%	0.102%
18	9.892	1323	1327	1331	rBV	64982	65468	3.14%	0.212%
19	9.933	1331	1334	1336	rVB	38006	30336	1.45%	0.098%
20	10.004	1342	1346	1349	rBV	35751	37556	1.80%	0.121%
21	10.033	1349	1351	1357	rVB	33654	28735	1.38%	0.093%
22	10.098	1357	1362	1363	rBV	34111	36550	1.75%	0.118%
23	10.116	1363	1365	1372	rVB4	16862	29443	1.41%	0.095%
24	10.233	1382	1385	1391	rVB	108190	92031	4.41%	0.297%
25	10.392	1409	1412	1418	rVB3	39330	46337	2.22%	0.150%
26	10.480	1423	1427	1430	rVV	1248220	1094065	52.41%	3.536%
27	10.522	1430	1434	1438	rVB5	19548	30368	1.45%	0.098%
28	10.604	1445	1448	1451	rBV3	47625	45160	2.16%	0.146%
29	10.680	1458	1461	1467	rBV5	14620	26874	1.29%	0.087%
30	10.780	1473	1478	1481	rBV3	47919	66942	3.21%	0.216%
31	10.810	1481	1483	1486	rVV2	50199	42617	2.04%	0.138%
32	10.869	1489	1493	1495	rVB3	24153	31469	1.51%	0.102%
33	10.933	1502	1504	1509	rVB3	36997	34437	1.65%	0.111%
34	10.980	1509	1512	1516	rVB	51722	47387	2.27%	0.153%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120272.D
Acq On : 1 May 2020 21:41
Operator : MA/SJ
Sample : L2463-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.027	1516	1520	1522	rBV2	34822	46463	2.23%	0.150%
36	11.069	1522	1527	1534	rVB2	76576	98995	4.74%	0.320%
37	11.175	1541	1545	1547	rBV	654570	655592	31.41%	2.119%
38	11.198	1547	1549	1552	rVV	1010734	742681	35.58%	2.401%
39	11.245	1554	1557	1561	rVB	298154	248466	11.90%	0.803%
40	11.280	1561	1563	1567	rBV	39318	48179	2.31%	0.156%
41	11.410	1578	1585	1587	rBV2	82851	101766	4.87%	0.329%
42	11.504	1598	1601	1606	rVB2	79722	85262	4.08%	0.276%
43	11.586	1610	1615	1618	rVB2	40460	63711	3.05%	0.206%
44	11.627	1620	1622	1625	rBV2	22276	28720	1.38%	0.093%
45	11.674	1627	1630	1632	rVV	265958	224833	10.77%	0.727%
46	11.716	1632	1637	1640	rVV2	341771	565854	27.11%	1.829%
47	11.751	1640	1643	1646	rVV2	148349	151772	7.27%	0.491%
48	11.786	1646	1649	1651	rVV	324122	352203	16.87%	1.138%
49	11.810	1651	1653	1658	rVB	196936	167138	8.01%	0.540%
50	11.857	1659	1661	1664	rBV4	23340	31772	1.52%	0.103%
51	11.910	1668	1670	1672	rVB	46907	32756	1.57%	0.106%
52	11.969	1677	1680	1683	rVV	109690	114281	5.47%	0.369%
53	11.998	1683	1685	1690	rVB2	108802	105968	5.08%	0.343%
54	12.045	1690	1693	1695	rBV	27535	26228	1.26%	0.085%
55	12.104	1700	1703	1704	rBV3	23908	26541	1.27%	0.086%
56	12.122	1704	1706	1709	rVB	62591	46435	2.22%	0.150%
57	12.151	1709	1711	1713	rBV	62957	45519	2.18%	0.147%
58	12.174	1713	1715	1718	rVB2	58071	46917	2.25%	0.152%
59	12.227	1720	1724	1726	rBV	179945	189334	9.07%	0.612%
60	12.263	1727	1730	1732	rVV	88939	110306	5.28%	0.357%
61	12.310	1736	1738	1742	rBV4	111762	121410	5.82%	0.392%
62	12.386	1747	1751	1755	rBV	1284288	1069525	51.23%	3.457%
63	12.480	1765	1767	1768	rBV	42937	30927	1.48%	0.100%
64	12.504	1768	1771	1774	rVV2	160114	158337	7.58%	0.512%
65	12.616	1784	1790	1793	rBV	1135543	1109002	53.13%	3.585%
66	12.733	1807	1810	1812	rBV2	65660	67699	3.24%	0.219%
67	12.763	1812	1815	1822	rVB	2062523	1958179	93.80%	6.329%
68	12.833	1825	1827	1831	rVV	113920	102375	4.90%	0.331%
69	12.892	1835	1837	1839	rBV3	33298	37069	1.78%	0.120%
70	12.921	1839	1842	1843	rBV2	79405	72749	3.48%	0.235%
71	12.945	1843	1846	1849	rVB	167679	174383	8.35%	0.564%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120272.D
Acq On : 1 May 2020 21:41
Operator : MA/SJ
Sample : L2463-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.992	1851	1854	1855	rBV3	67931	58530	2.80%	0.189%
73	13.010	1855	1857	1860	rVB	133868	107443	5.15%	0.347%
74	13.051	1860	1864	1866	rBV2	167135	198931	9.53%	0.643%
75	13.080	1866	1869	1871	rBV3	55753	60737	2.91%	0.196%
76	13.139	1876	1879	1882	rBV	141509	115850	5.55%	0.374%
77	13.169	1882	1884	1888	rVB	122669	111299	5.33%	0.360%
78	13.251	1889	1898	1903	rBV	107229	314700	15.08%	1.017%
79	13.451	1930	1932	1937	rVB	171243	194026	9.29%	0.627%
80	13.563	1947	1951	1954	rBV2	141604	199169	9.54%	0.644%
81	13.592	1954	1956	1958	rVB	98810	71785	3.44%	0.232%
82	13.616	1958	1960	1966	rBV3	135625	180818	8.66%	0.584%
83	13.674	1966	1970	1973	rBV2	255909	325478	15.59%	1.052%
84	13.763	1984	1985	1986	rBV	61011	41726	2.00%	0.135%
85	13.816	1989	1994	1997	rVV2	1266583	1997962	95.71%	6.458%
86	13.845	1997	1999	2004	rVB	649988	585552	28.05%	1.893%
87	14.168	2052	2054	2056	rBV3	73395	71878	3.44%	0.232%
88	14.204	2057	2060	2064	rVB	286578	284143	13.61%	0.918%
89	14.298	2073	2076	2079	rBV4	95678	114615	5.49%	0.370%
90	14.327	2079	2081	2083	rVB	163607	103996	4.98%	0.336%
91	14.833	2162	2167	2175	rBV	776623	1390624	66.62%	4.495%
92	15.110	2211	2214	2220	rVB	453175	554132	26.55%	1.791%
93	15.168	2220	2224	2229	rBV	554540	667428	31.97%	2.157%
94	15.227	2230	2234	2237	rBV	671361	841814	40.33%	2.721%
95	16.580	2459	2464	2468	rBV2	174765	298833	14.32%	0.966%
96	16.974	2528	2531	2540	rVB2	150161	297637	14.26%	0.962%
97	18.292	2754	2755	2759	rVB4	36617	34189	1.64%	0.111%

Sum of corrected areas: 30938289

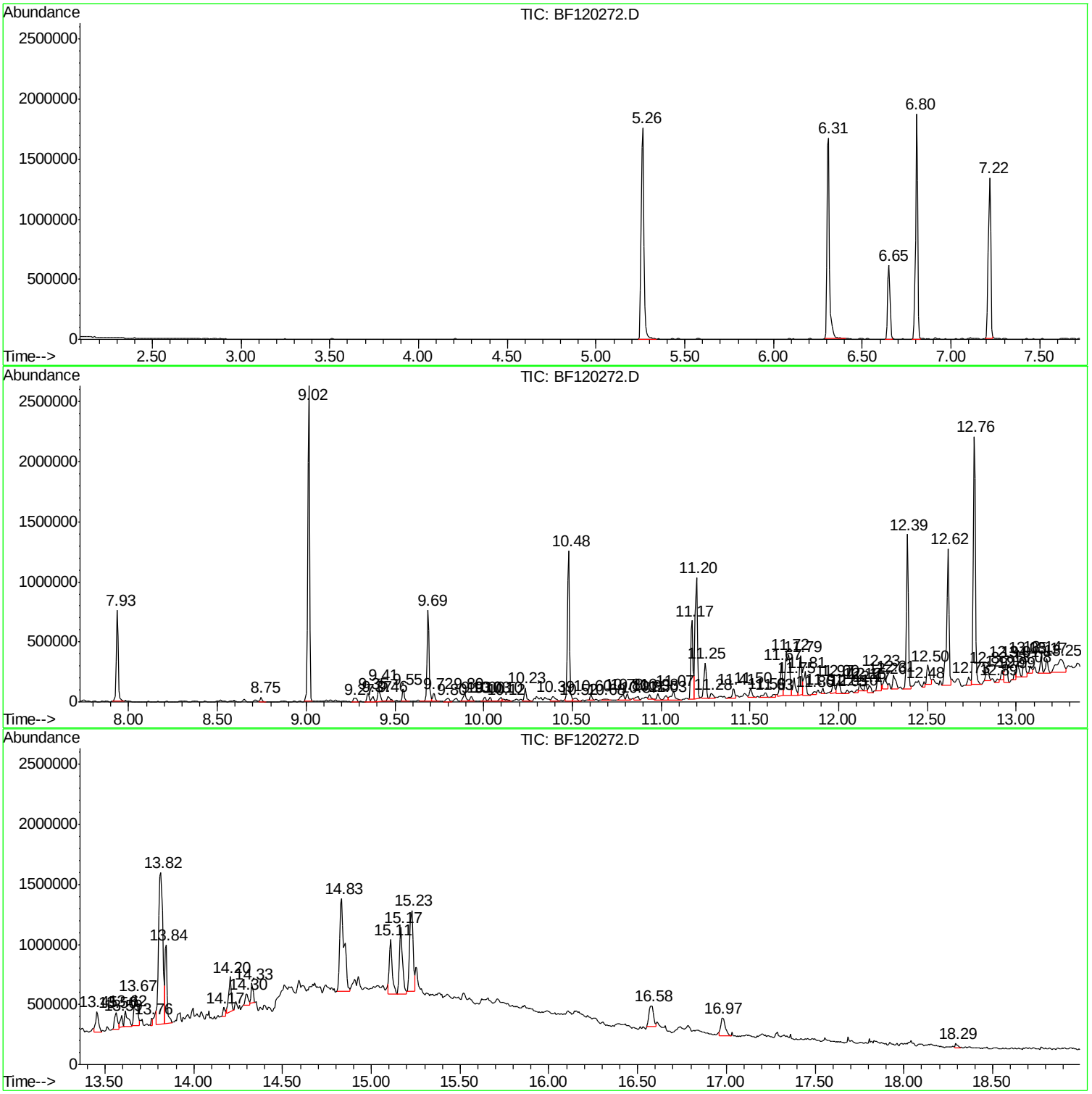
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120272.D
Acq On : 1 May 2020 21:41
Operator : MA/SJ
Sample : L2463-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JHDS-SOUTH-D

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\BF050120\
Data File : BF120272.D
Acq On : 1 May 2020 21:41
Operator : MA/SJ
Sample : L2463-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

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

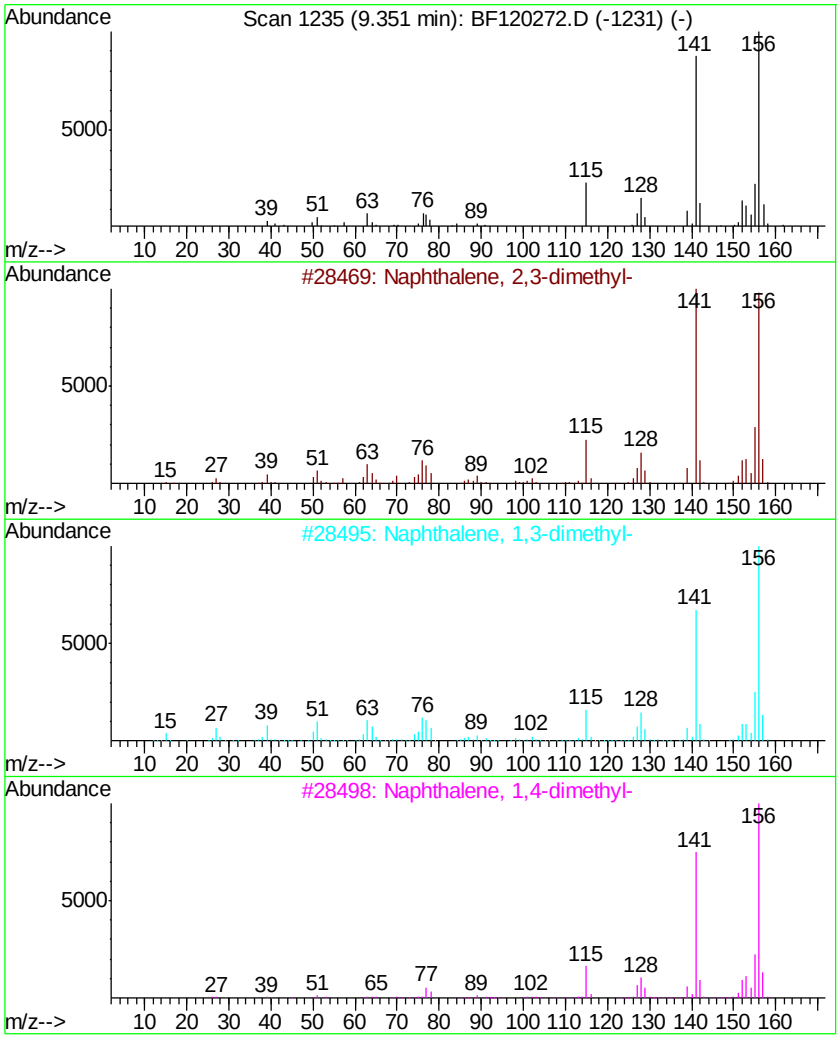
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

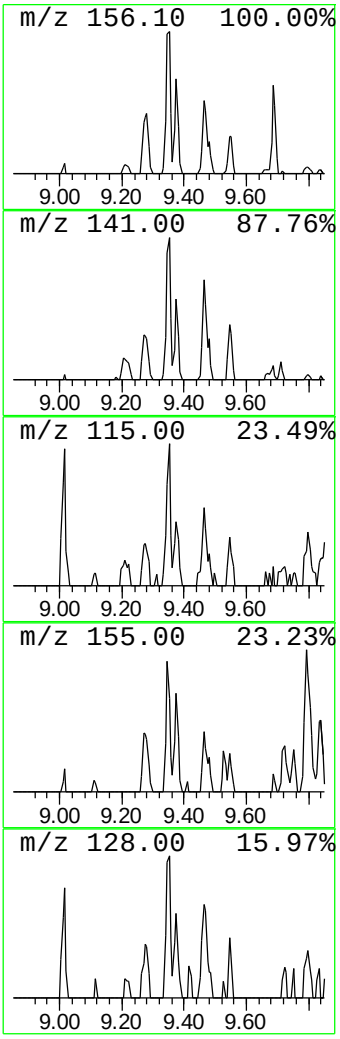
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	2.12 ng	69531	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120272.D
Acq On : 1 May 2020 21:41
Operator : MA/SJ
Sample : L2463-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

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

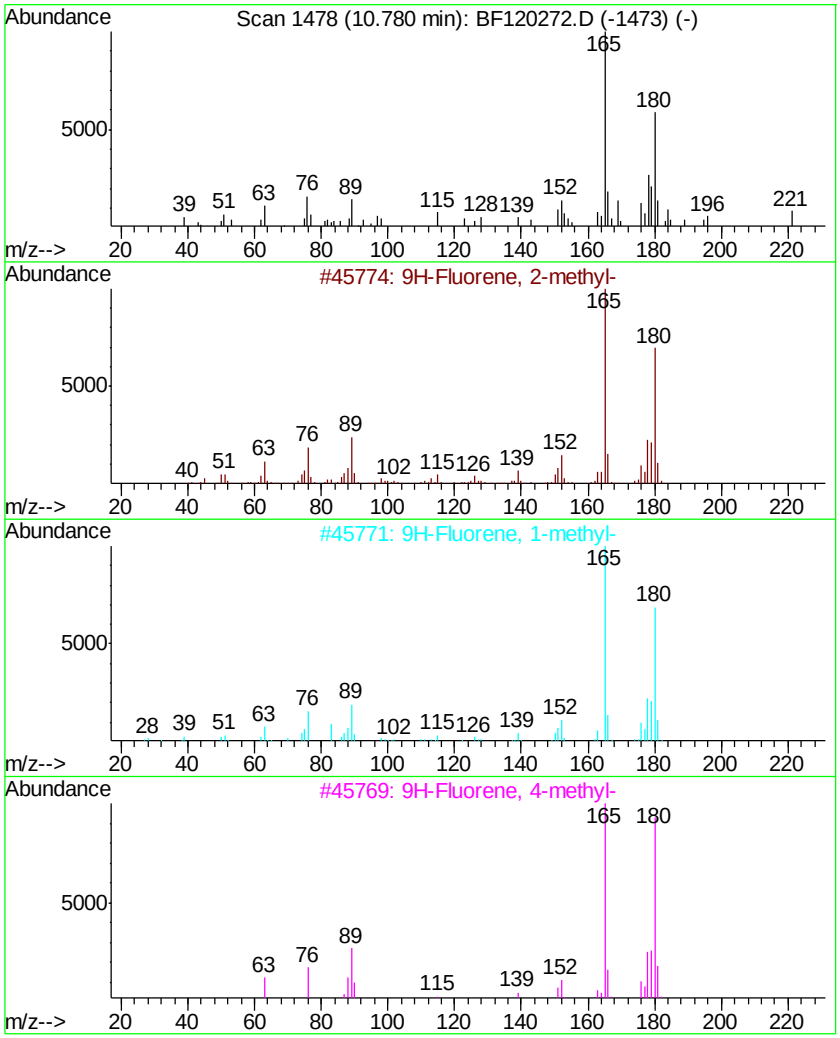
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

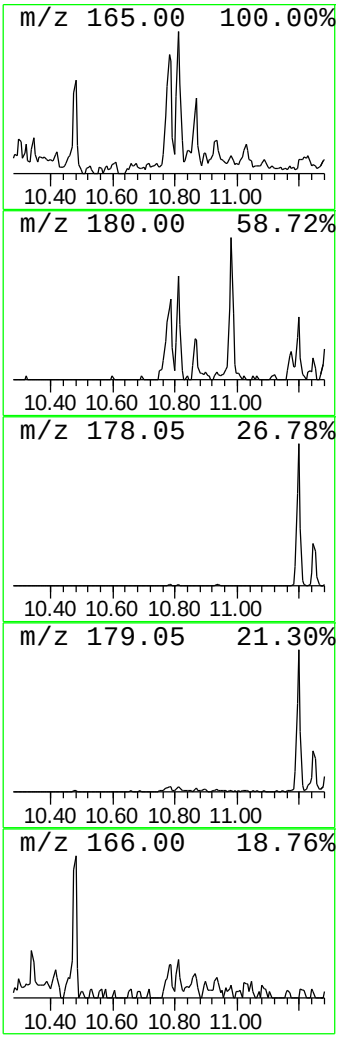
****

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.04 ng	66942	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
3	9H-Fluorene, 4-methyl-	180	C14H12	002523-37-7	70
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
5	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120272.D
Acq On : 1 May 2020 21:41
Operator : MA/SJ
Sample : L2463-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

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

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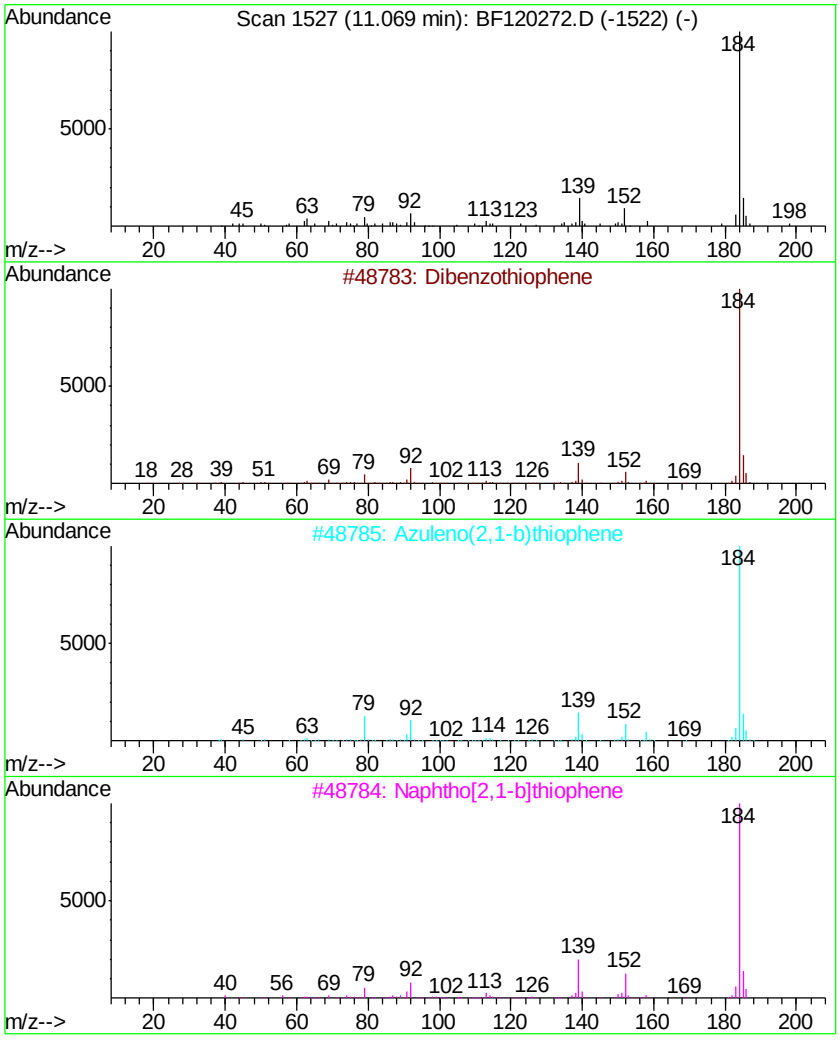
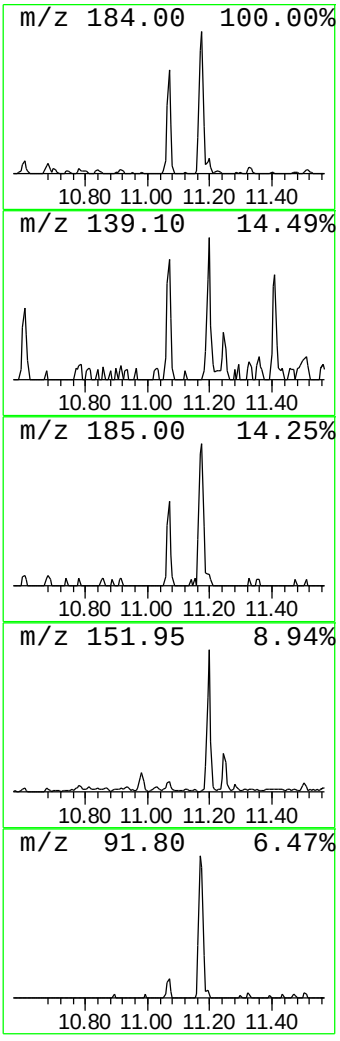
Peak Number 4 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	3.02 ng	98995	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120272.D
Acq On : 1 May 2020 21:41
Operator : MA/SJ
Sample : L2463-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

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

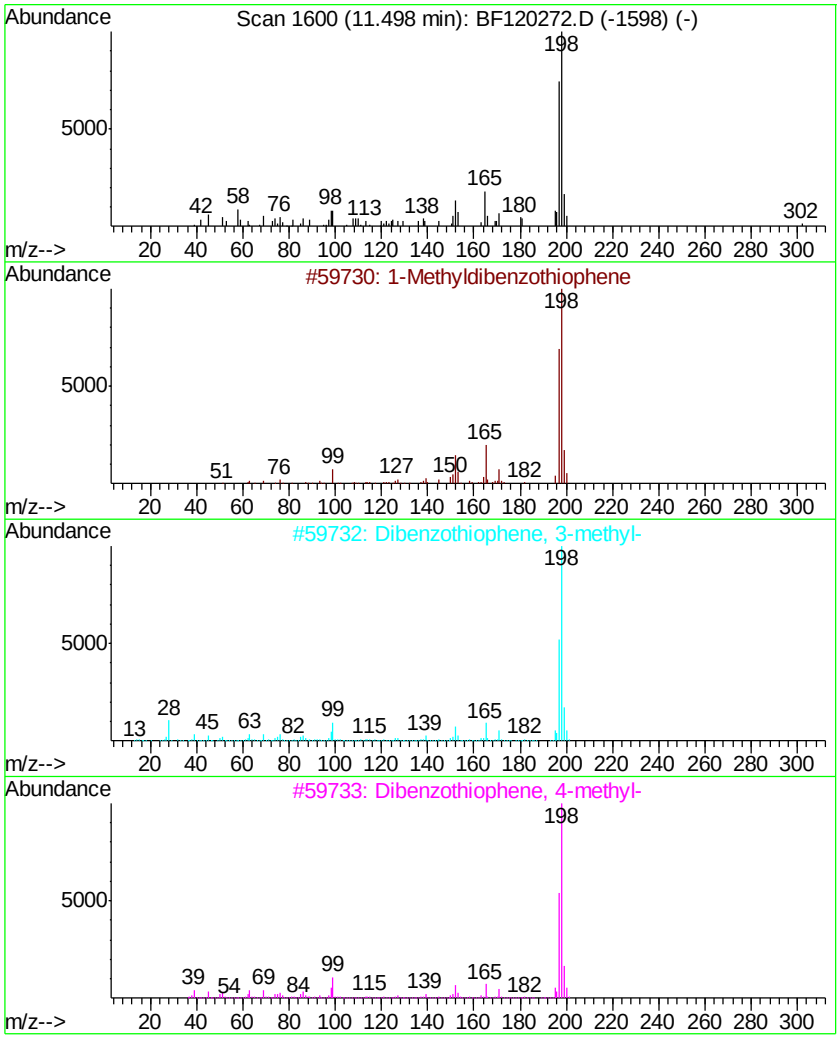
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

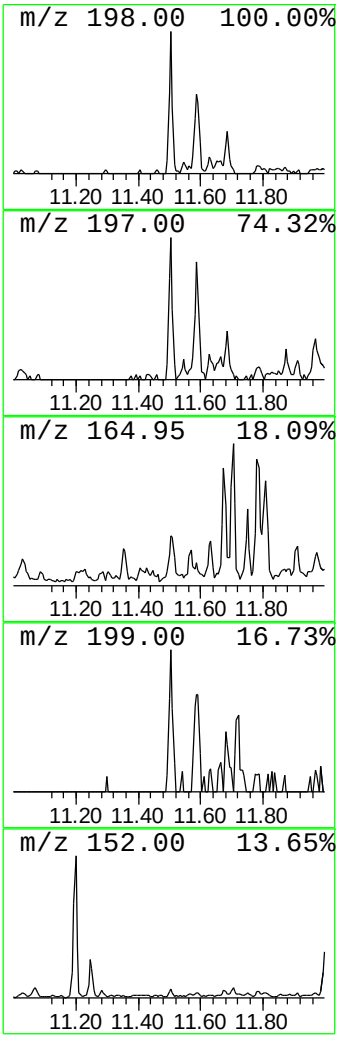
****

Peak Number 5 1-Methyldibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	2.60 ng	85262	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	94
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	90
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120272.D
Acq On : 1 May 2020 21:41
Operator : MA/SJ
Sample : L2463-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

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

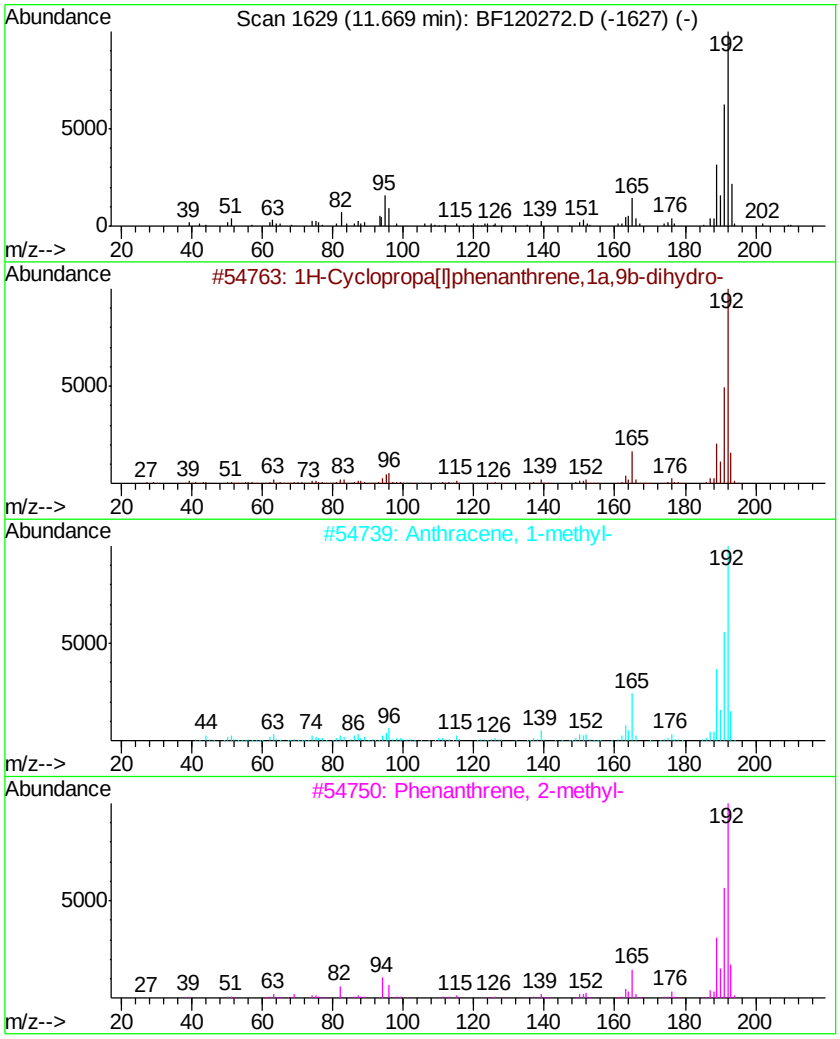
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

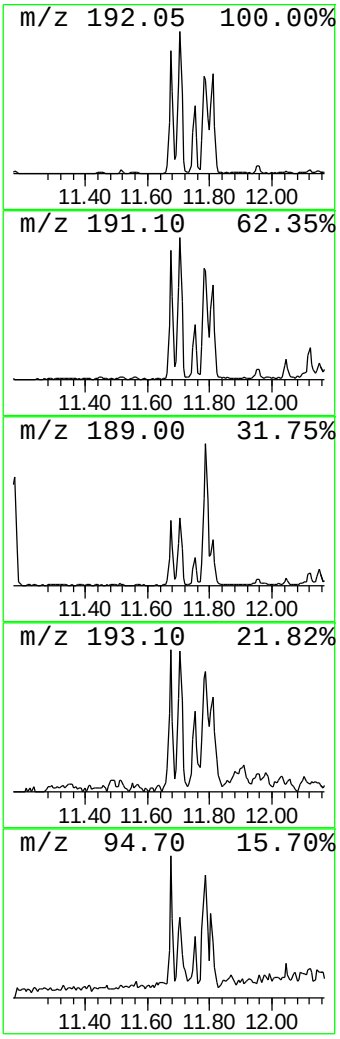
****

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	6.86 ng	224833	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Library Search Compound Report

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Data File : BF120272.D
Acq On : 1 May 2020 21:41
Operator : MA/SJ
Sample : L2463-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

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

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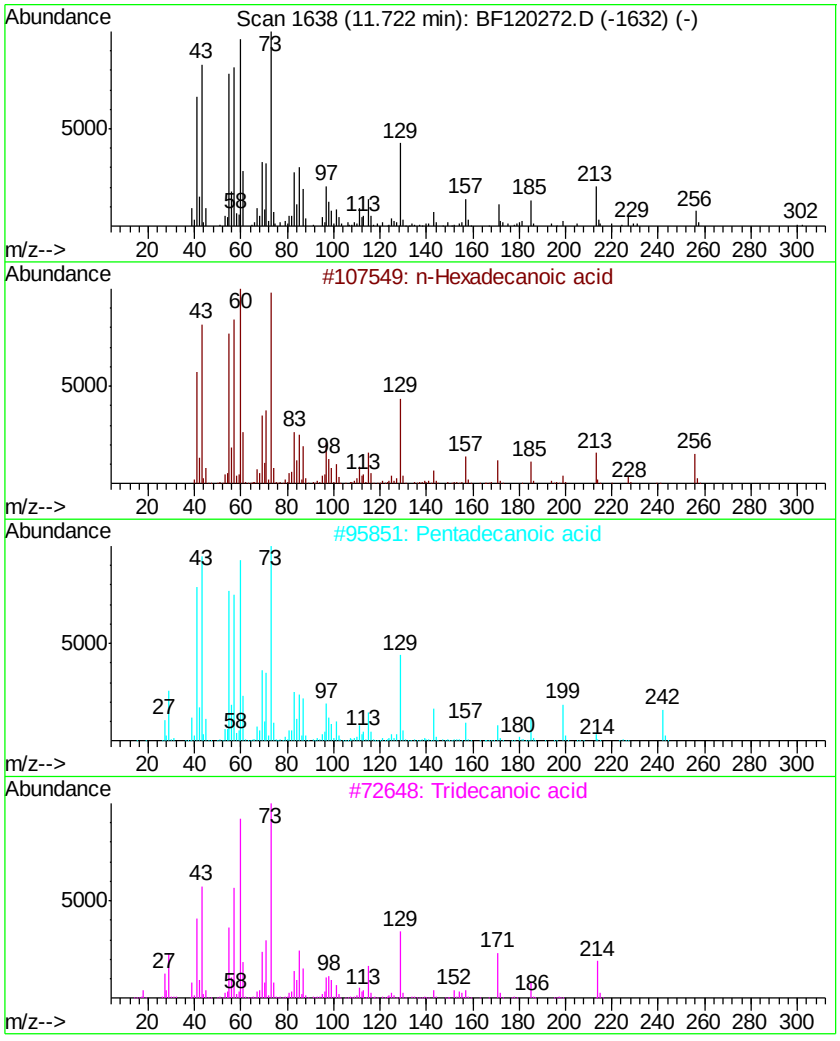
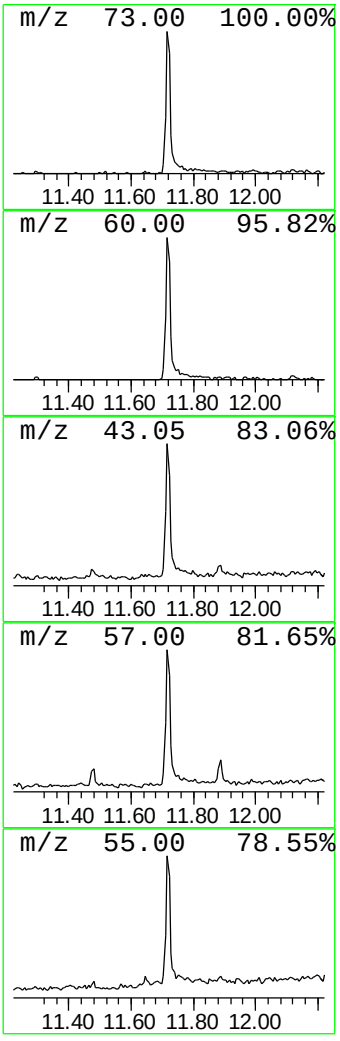
Peak Number 7 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	17.26 ng	565854	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Library Search Compound Report

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Sample : L2463-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-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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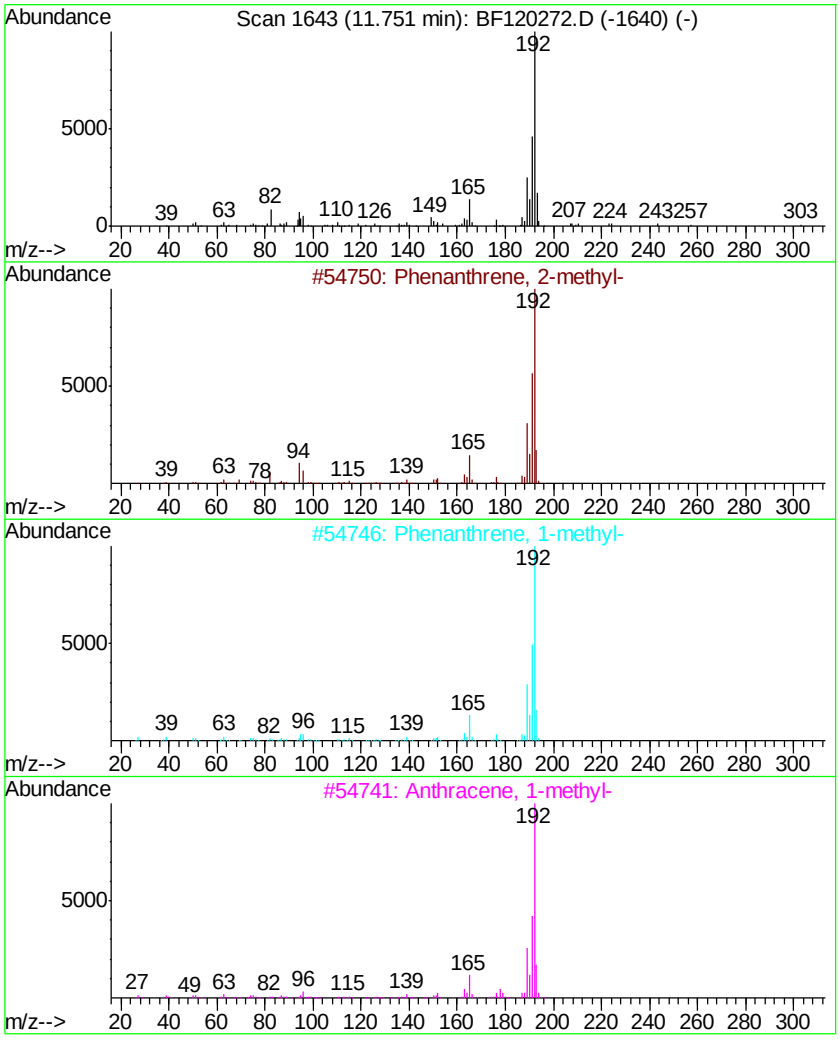
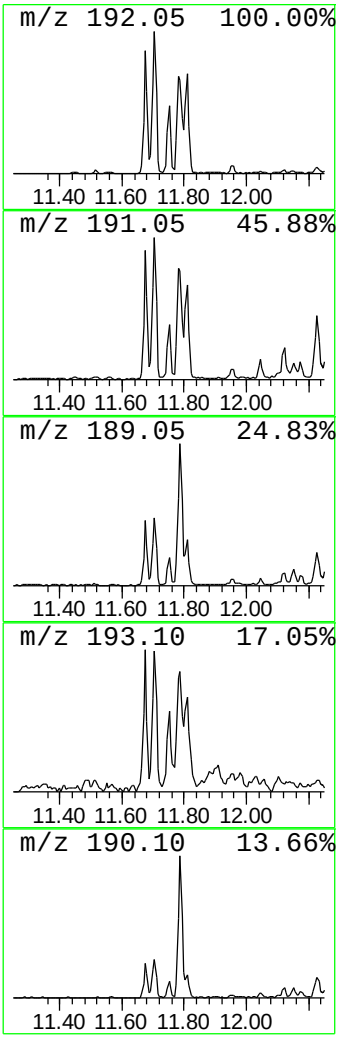
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	4.63 ng	151772	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Sample : L2463-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-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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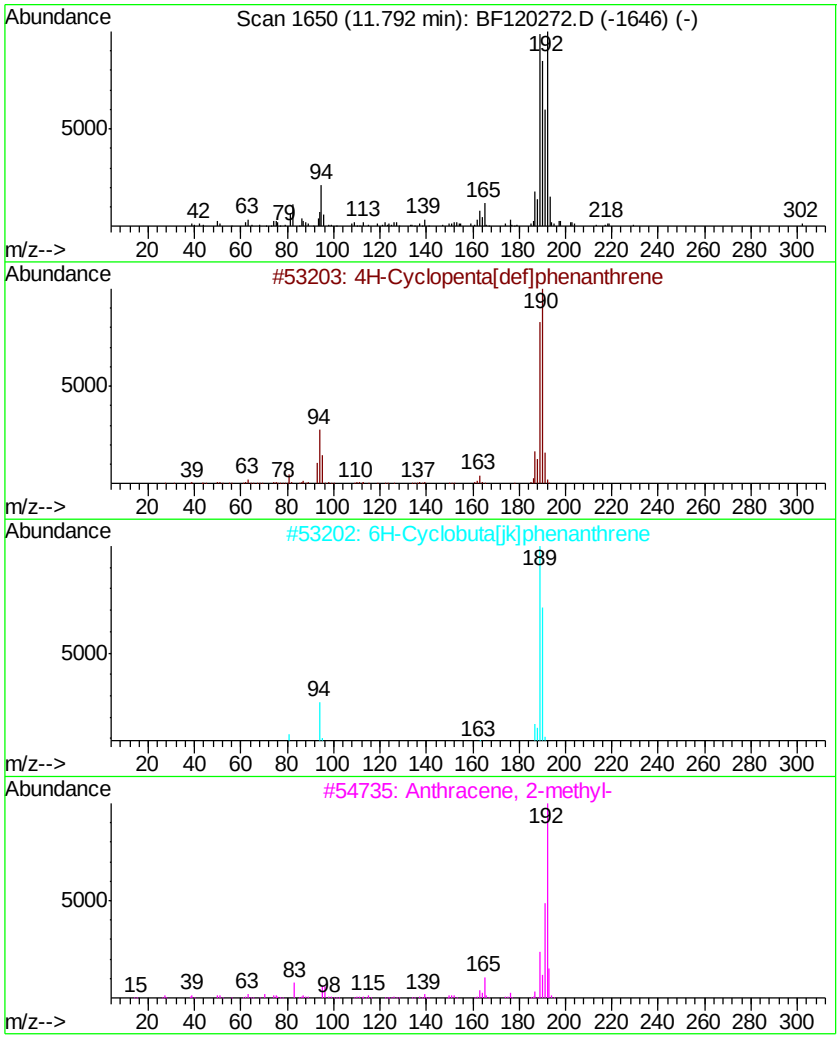
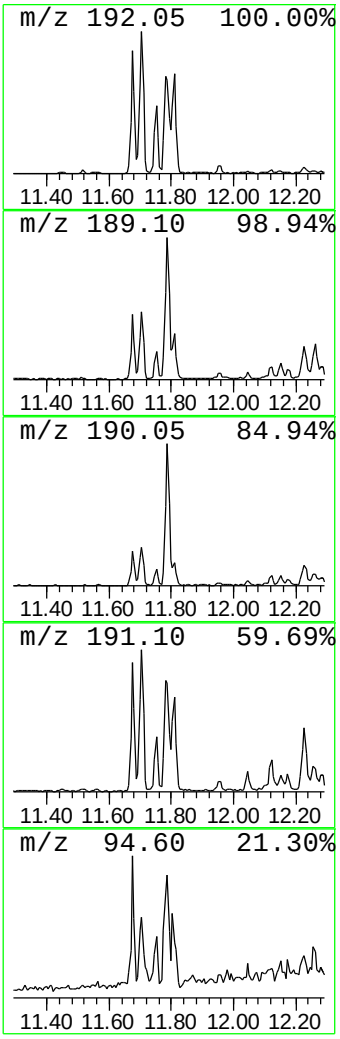
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	10.74 ng	352203	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





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Sample : L2463-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-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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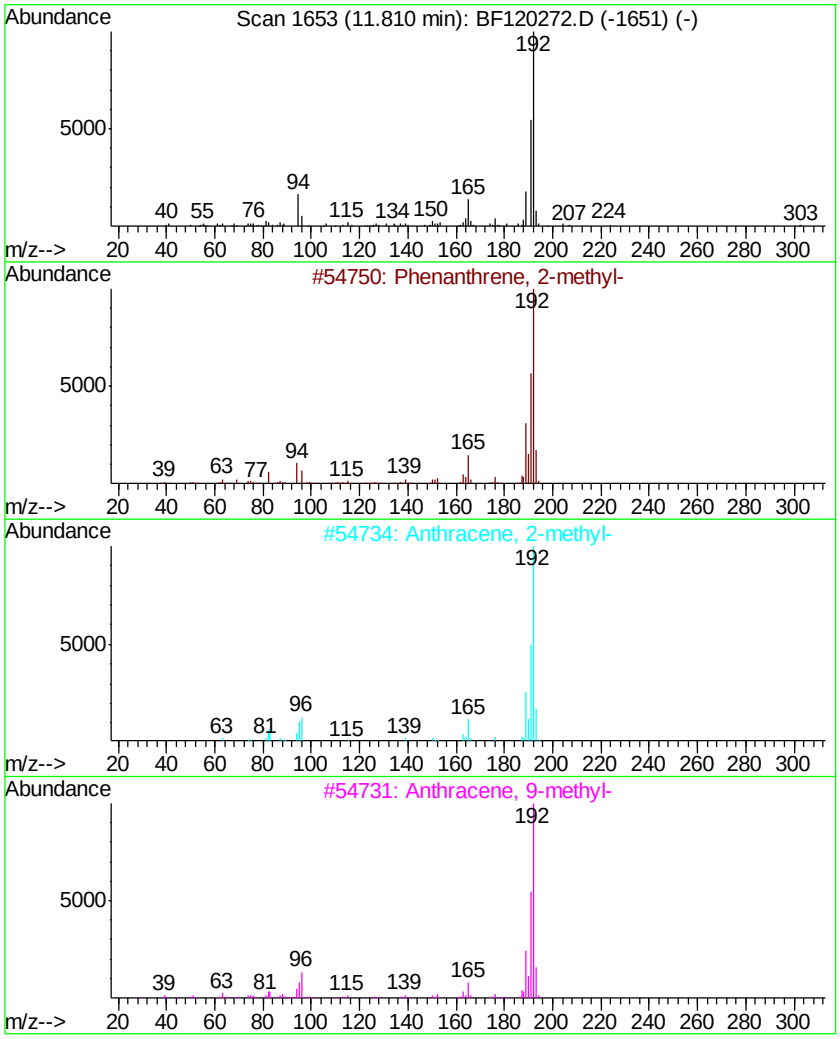
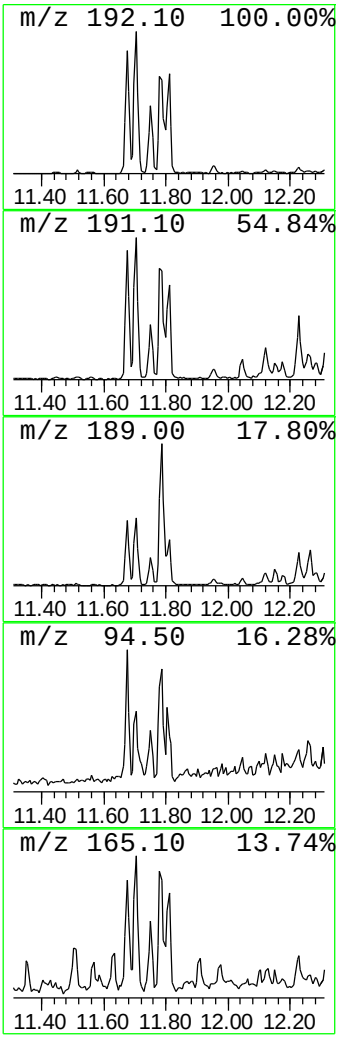
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	5.10 ng	167138	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	78





Library Search Compound Report

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Sample : L2463-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

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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

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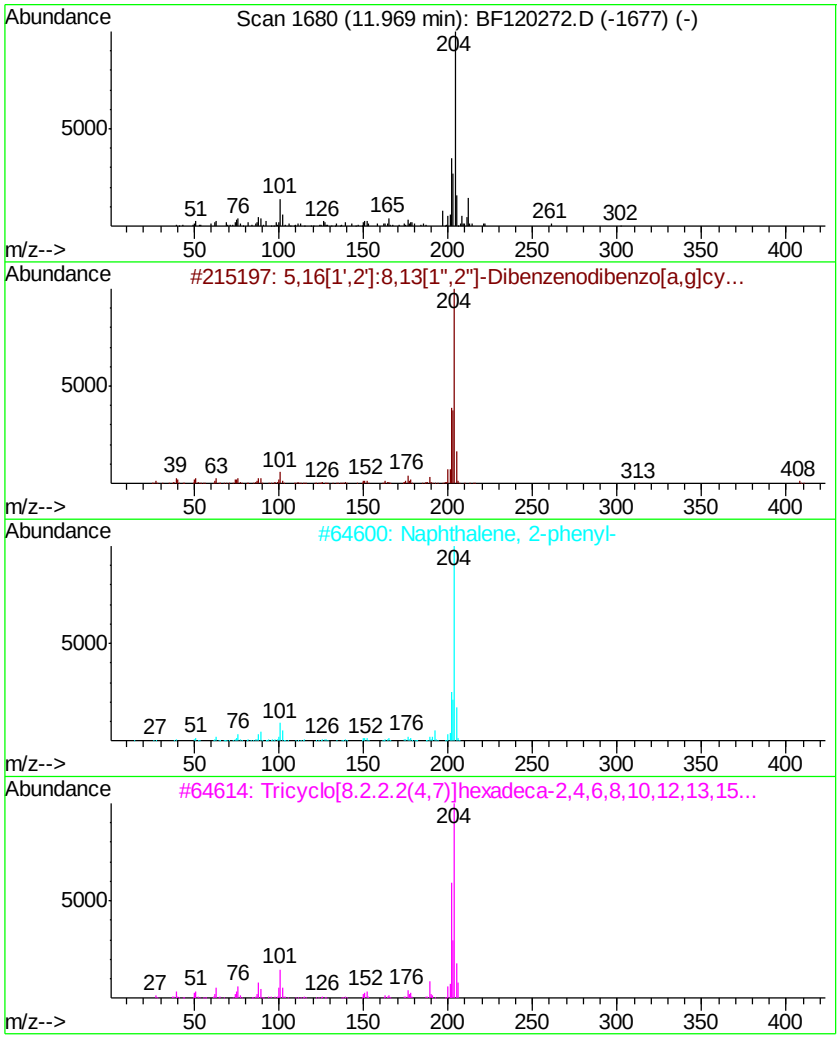
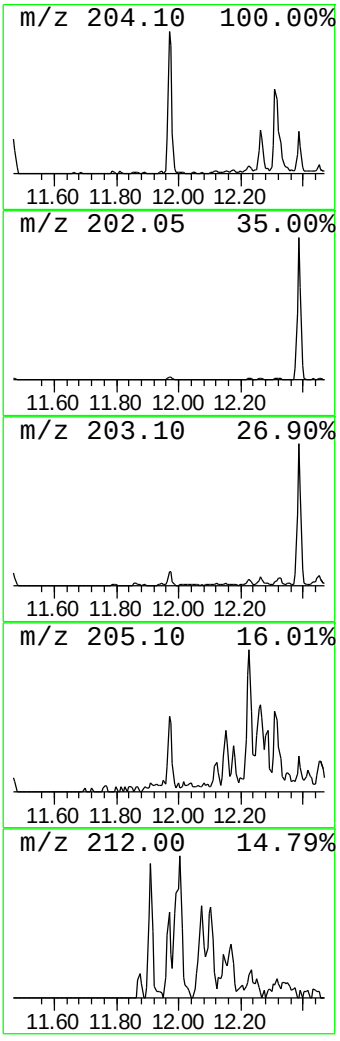
Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	3.49 ng	114281	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	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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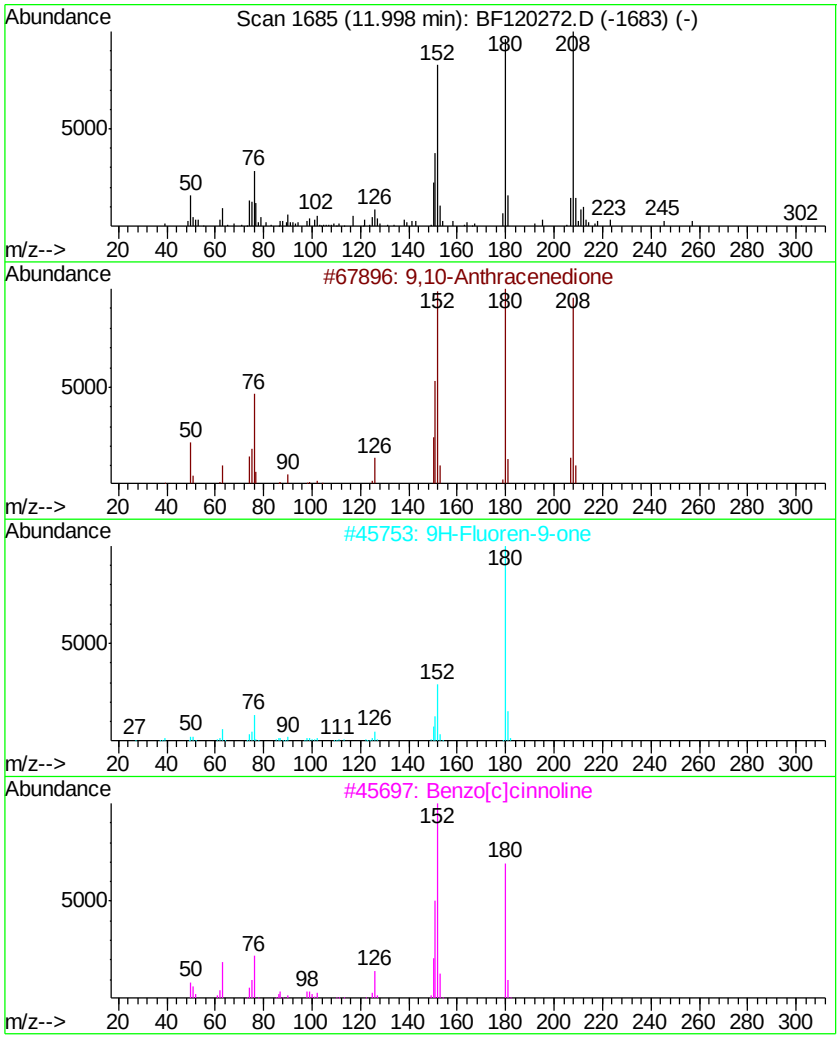
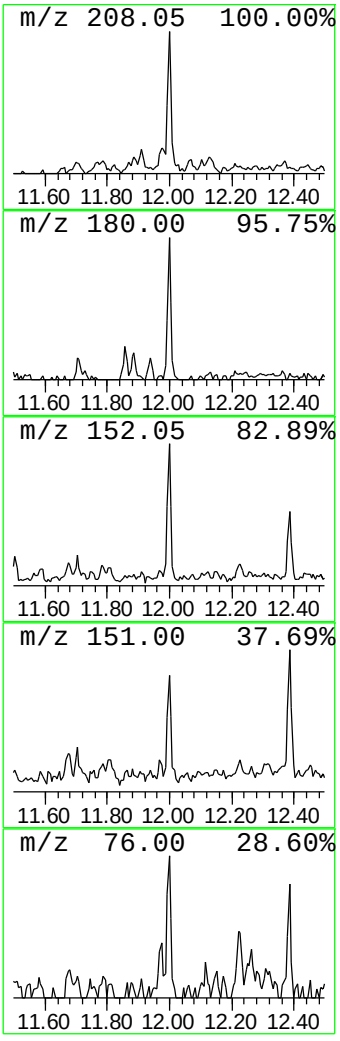
Peak Number 12 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.23 ng	105968	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58





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Sample : L2463-17
Misc :
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Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-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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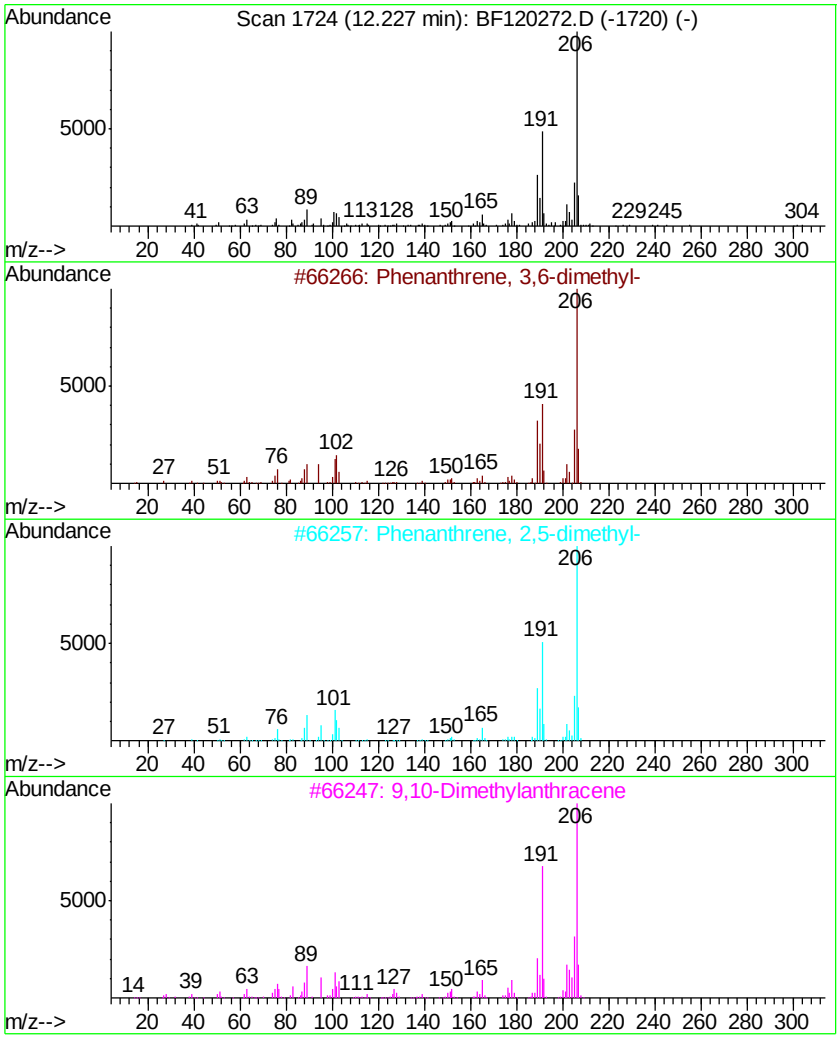
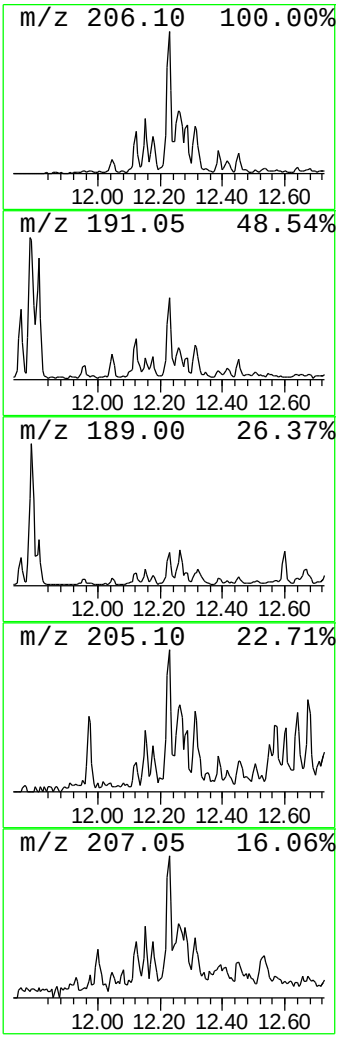
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	5.78 ng	189334	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Sample : L2463-17
Misc :
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Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-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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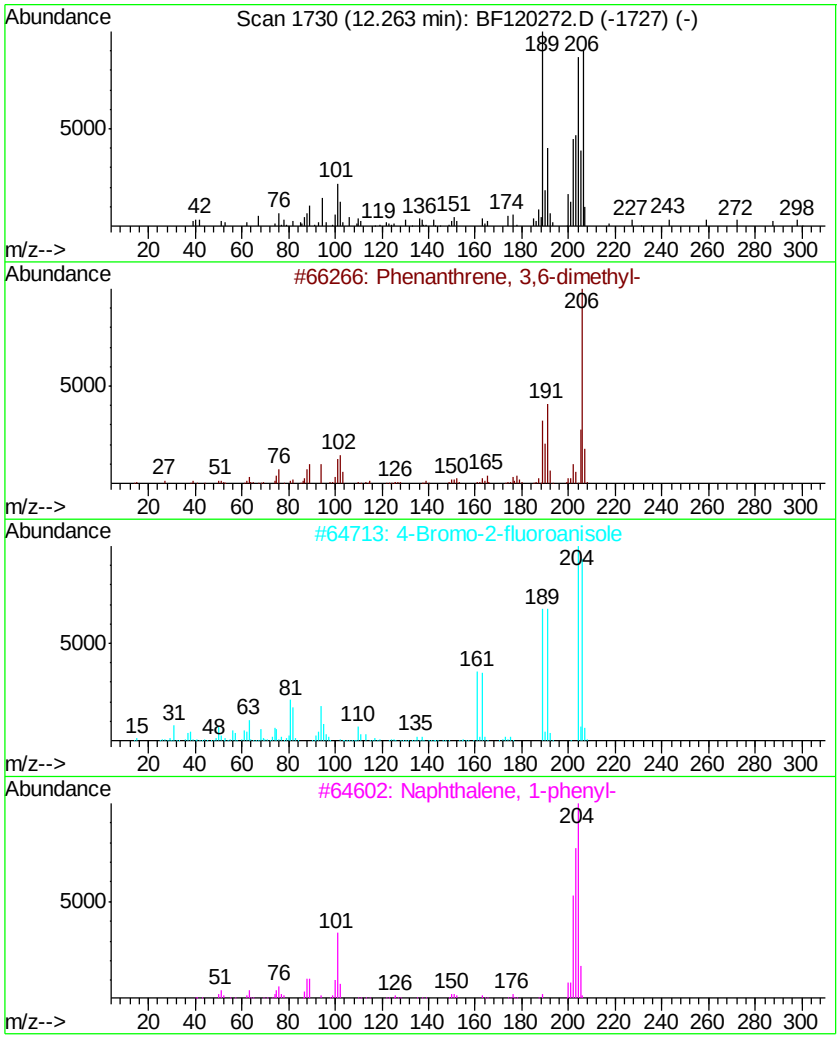
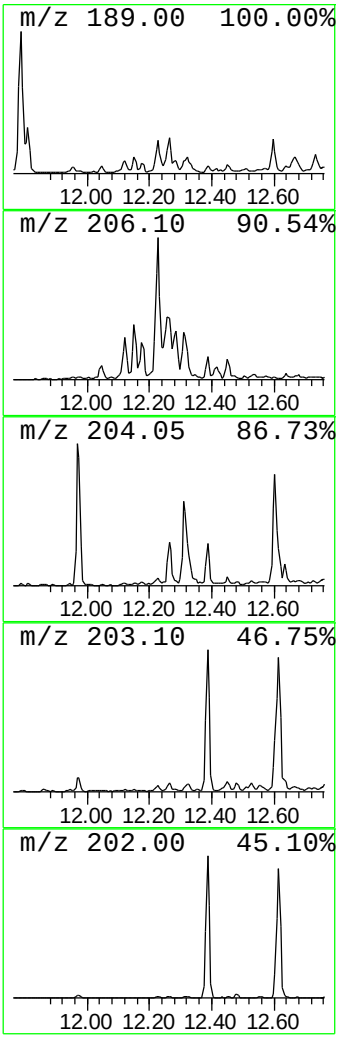
Peak Number 14 unknown12.26 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.37 ng	110306	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
2	4-Bromo-2-fluoroanisole	204	C7H6BrFO	002357-52-0	38
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	38
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35





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ClientSampleId : JHDS-SOUTH-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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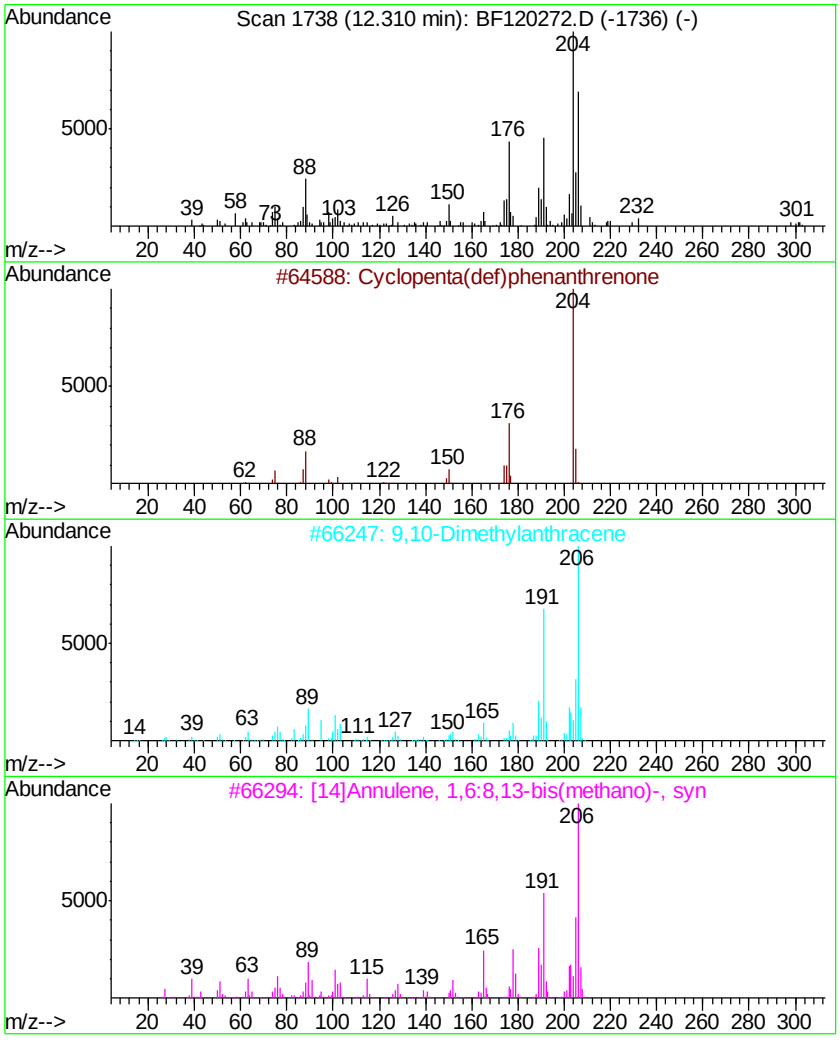
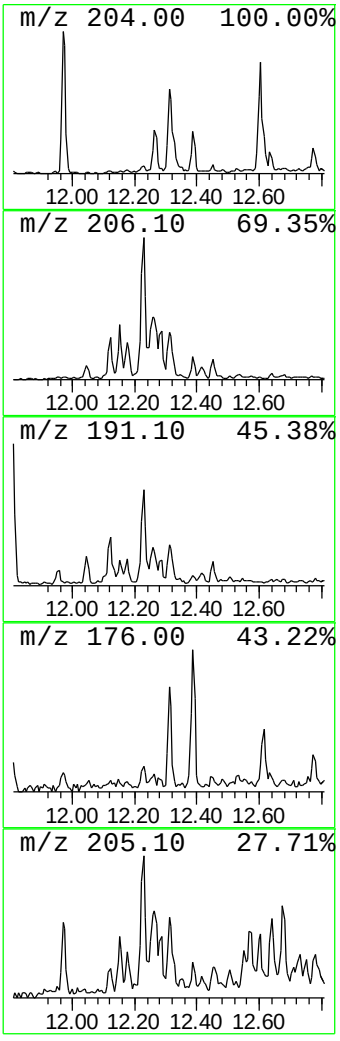
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	3.70 ng	121410	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	50
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	50
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	43
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	42
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	41





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Misc :
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Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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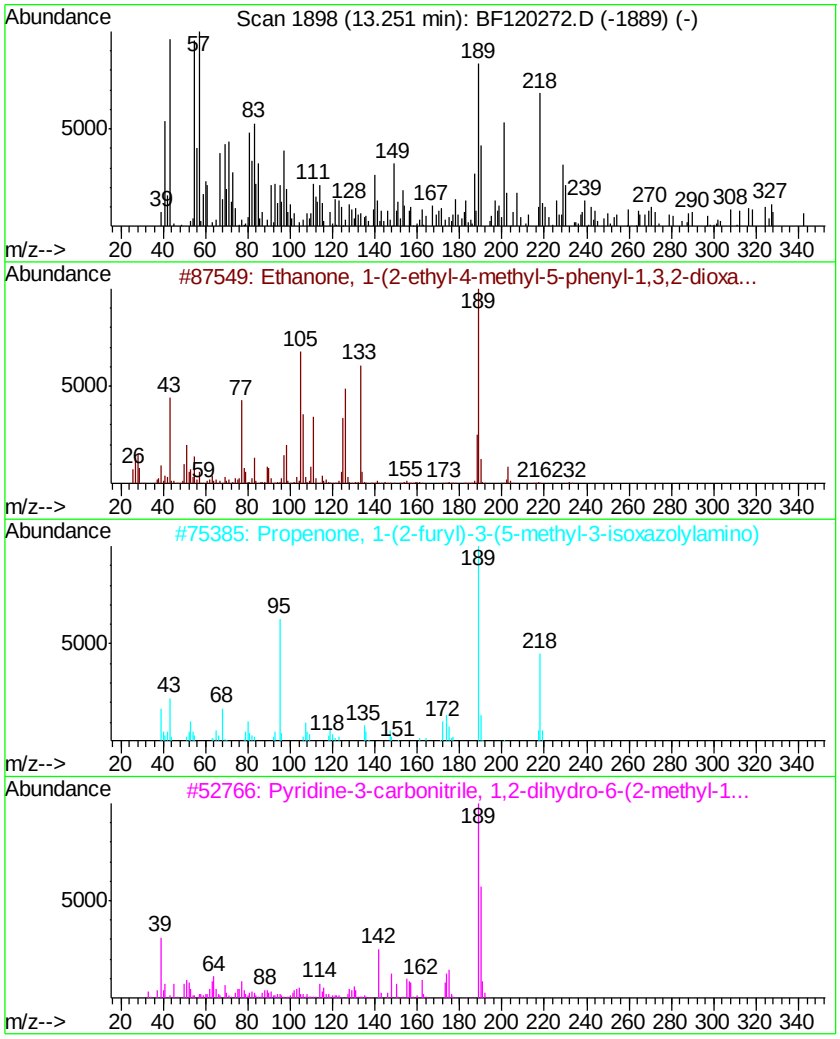
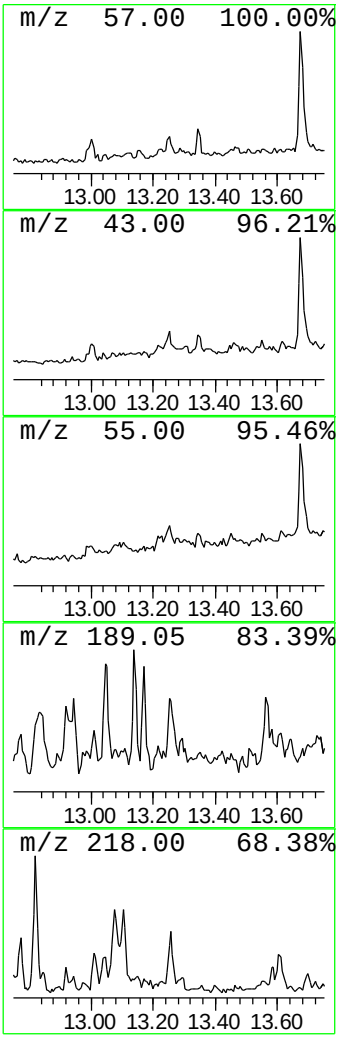
Peak Number 16 unknown13.25 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.15 ng	314700	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-ethyl-4-methyl-5-...	232	C13H17BO3	074646-10-9	35
2	Propenone, 1-(2-furyl)-3-(5-meth...	218	C11H10N2O3	186957-33-5	30
3	Pyridine-3-carbonitrile, 1,2-dih...	190	C10H10N2S	202270-50-6	27
4	3-(1-Methyl-3-nitro-1,4-dihydrog...	260	C14H16N2O3	121388-06-5	18
5	2-Amino-4-cyanomethyl-6-piperidi...	218	C10H14N6	1000241-05-9	18





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Sample : L2463-17
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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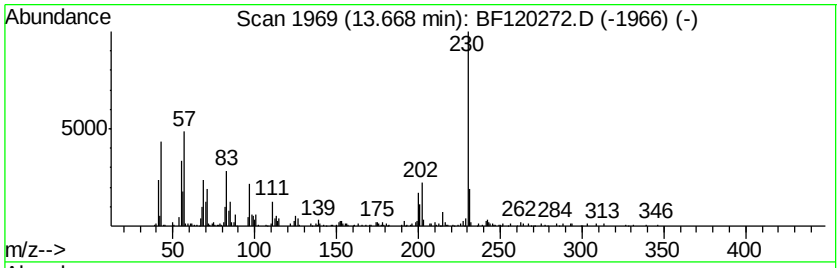
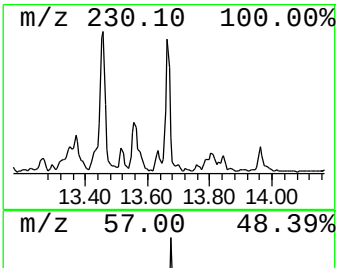
Peak Number 17 Cycloeicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	3.26 ng	325478	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	93
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90
5	Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120272.D
Acq On : 1 May 2020 21:41
Operator : MA/SJ
Sample : L2463-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

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

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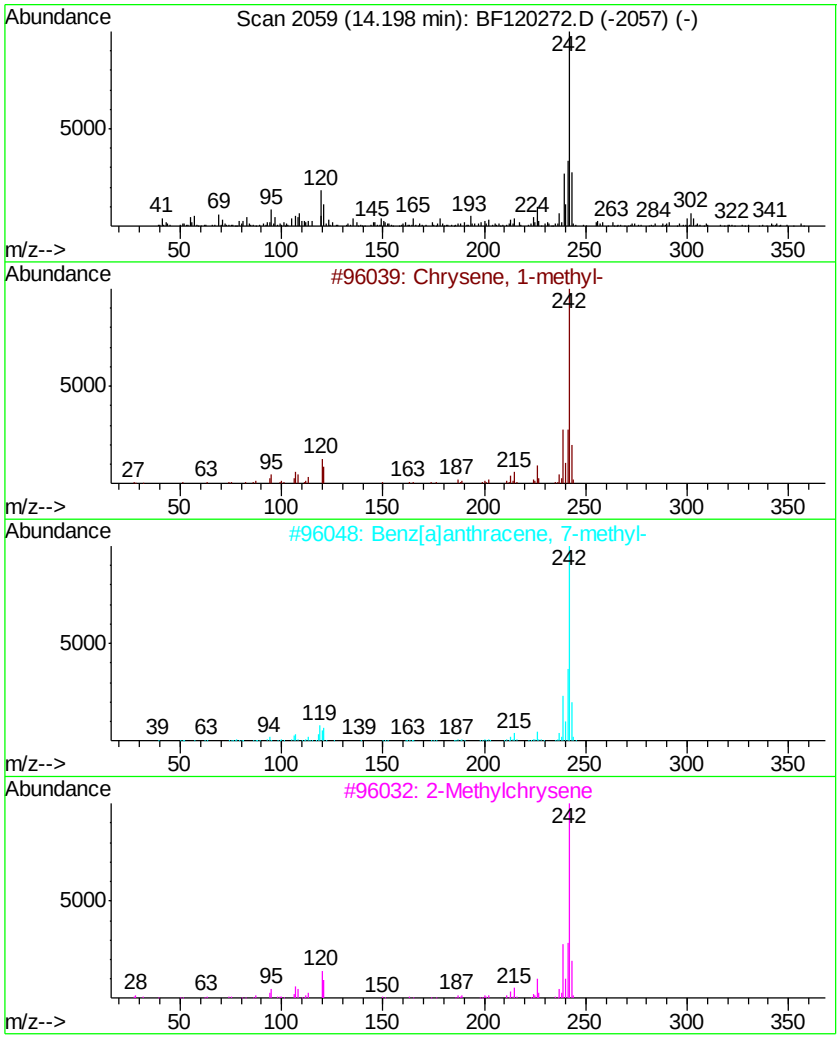
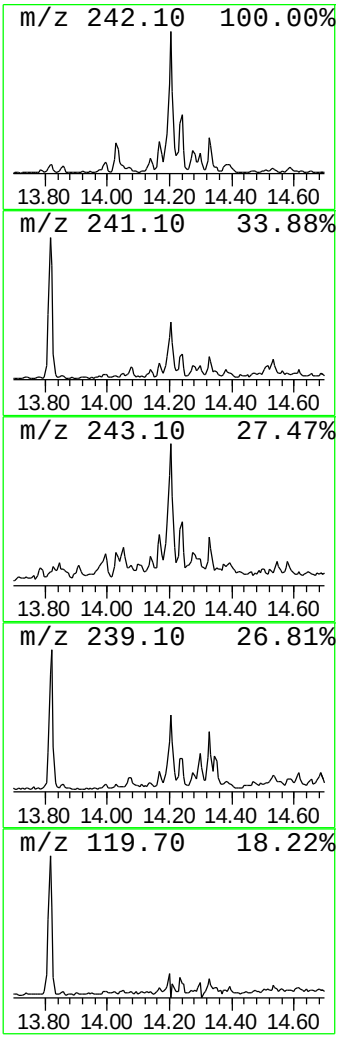
Peak Number 18 Chrysene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	2.84 ng	284143	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
3	2-Methylchrysene	242	C19H14	003351-32-4	95
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	89
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120272.D
Acq On : 1 May 2020 21:41
Operator : MA/SJ
Sample : L2463-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

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

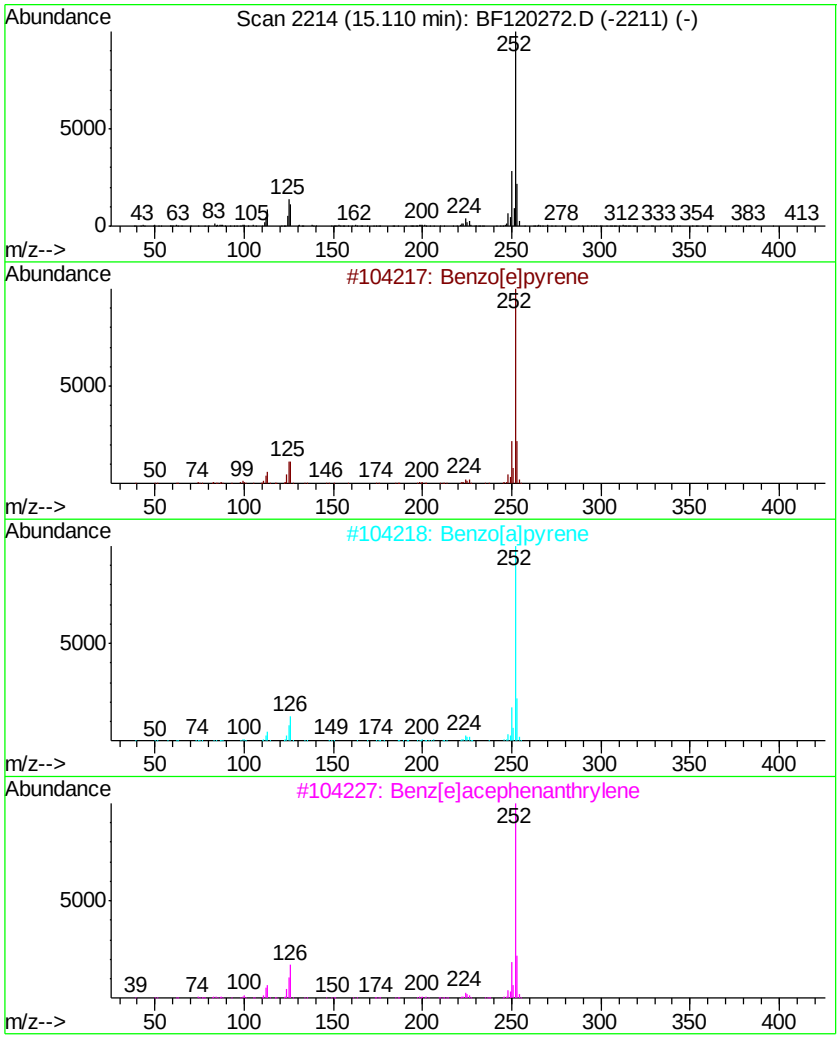
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

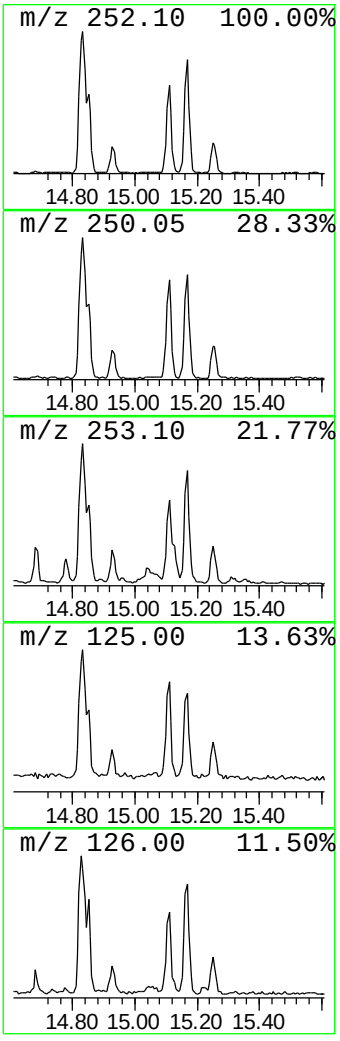
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	13.17 ng	554132	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF050120\
Data File : BF120272.D
Acq On : 1 May 2020 21:41
Operator : MA/SJ
Sample : L2463-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-D

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
Naphthalene, 2,3-...	9.35	2.1	ng	69531	3	9.69	654904	20.0
9H-Fluorene, 2-me...	10.78	2.0	ng	66942	4	11.17	655592	20.0
Dibenzothiophene	11.07	3.0	ng	98995	4	11.17	655592	20.0
1-Methyldibenzoth...	11.50	2.6	ng	85262	4	11.17	655592	20.0
1H-Cyclopropa[l]p...	11.67	6.9	ng	224833	4	11.17	655592	20.0
n-Hexadecanoic acid	11.72	17.3	ng	565854	4	11.17	655592	20.0
Phenanthrene, 2-m...	11.75	4.6	ng	151772	4	11.17	655592	20.0
4H-Cyclopenta[def...	11.79	10.7	ng	352203	4	11.17	655592	20.0
Anthracene, 2-met...	11.81	5.1	ng	167138	4	11.17	655592	20.0
5,16[1',2']:8,13[...	11.97	3.5	ng	114281	4	11.17	655592	20.0
9,10-Anthracenedione	12.00	3.2	ng	105968	4	11.17	655592	20.0
Phenanthrene, 3,6...	12.23	5.8	ng	189334	4	11.17	655592	20.0
unknown12.26	12.26	3.4	ng	110306	4	11.17	655592	20.0
Cyclopenta(def)ph...	12.31	3.7	ng	121410	4	11.17	655592	20.0
unknown13.25	13.25	3.1	ng	314700	5	13.82	1997960	20.0
Cycloeicosane	13.67	3.3	ng	325478	5	13.82	1997960	20.0
Chrysene, 1-methyl-	14.20	2.8	ng	284143	5	13.82	1997960	20.0
Benzo[e]pyrene	15.11	13.2	ng	554132	6	15.23	841814	20.0