LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132052.D
Acq On : 12 Jan 2023 20:55
Operator : CG\JU
Sample : 01124-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-C

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-BF010923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132052.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.975	485	491	504	rVB	575670	777046	39.02%	2.965%
2	5.393	558	562	579	rBV	2012632	1856007	93.21%	7.081%
3	6.422	732	737	748	rBV	1896543	1877205	94.27%	7.162%
4	6.769	793	796	800	rBV	485967	396564	19.92%	1.513%
5	7.345	889	894	897	rBV	1339733	1179374	59.23%	4.500%
6	8.063	1012	1016	1018	rBV	515069	453135	22.76%	1.729%
7	8.081	1018	1019	1023	rVB	43149	27855	1.40%	0.106%
8	8.875	1151	1154	1157	rBV	26458	23843	1.20%	0.091%
9	9.139	1194	1199	1202	rBV	2177143	1991276	100.00%	7.598%
10	9.216	1209	1212	1214	rBV	38534	28546	1.43%	0.109%
11	9.404	1240	1244	1248	rBV2	17093	21965	1.10%	0.084%
12	9.475	1253	1256	1259	rBV	30110	31203	1.57%	0.119%
13	9.592	1274	1276	1282	rBV	23337	24801	1.25%	0.095%
14	9.680	1288	1291	1294	rBV	37473	30469	1.53%	0.116%
15	9.745	1299	1302	1305	rVB	32395	25610	1.29%	0.098%
16	9.822	1305	1315	1318	rBV	547929	489651	24.59%	1.868%
17	9.851	1318	1320	1324	rVB	159238	119902	6.02%	0.457%
18	10.028	1344	1350	1353	rBV	83075	80429	4.04%	0.307%
19	10.245	1385	1387	1390	rVB	42040	30391	1.53%	0.116%
20	10.369	1404	1408	1413	rVB	192437	151042	7.59%	0.576%
21	10.539	1432	1437	1440	rVB	521301	461273	23.16%	1.760%
22	10.616	1446	1450	1453	rBV	1328892	1108520	55.67%	4.229%
23	10.722	1465	1468	1476	rVB4	35395	55296	2.78%	0.211%
24	10.916	1495	1501	1504	rBV2	41919	55970	2.81%	0.214%
25	11.045	1518	1523	1525	rBV3	30003	33318	1.67%	0.127%
26	11.069	1525	1527	1532	rVB2	23208	23991	1.20%	0.092%
27	11.169	1538	1544	1547	rBV3	45428	59315	2.98%	0.226%
28	11.204	1547	1550	1555	rVB	70471	79295	3.98%	0.303%
29	11.310	1564	1568	1570	rBV	501075	464726	23.34%	1.773%
30	11.339	1570	1573	1576	rVV	1076264	940743	47.24%	3.589%
31	11.386	1578	1581	1584	rVV	402291	328851	16.51%	1.255%
32	11.416	1584	1586	1593	rVB2	23438	37249	1.87%	0.142%
33	11.545	1604	1608	1614	rBV2	64583	88133	4.43%	0.336%
34	11.604	1614	1618	1622	rVV3	35811	49765	2.50%	0.190%
35	11.639	1622	1624	1629	rVB3	19905	30282	1.52%	0.116%
36	11.816	1650	1654	1656	rBV	120877	111854	5.62%	0.427%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132052.D
Acq On : 12 Jan 2023 20:55
Operator : CG\JU
Sample : 01124-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-C

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-BF010923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.839	1656	1658	1662	rVB	175105	159404	8.01%	0.608%
38	11.892	1662	1667	1669	rBV	82176	72523	3.64%	0.277%
39	11.927	1669	1673	1675	rVV	279976	260647	13.09%	0.994%
40	11.945	1675	1676	1681	rVB	84975	69512	3.49%	0.265%
41	12.004	1682	1686	1688	rBV2	27928	36309	1.82%	0.139%
42	12.110	1702	1704	1707	rVB	109780	82258	4.13%	0.314%
43	12.145	1707	1710	1713	rVB	35414	35421	1.78%	0.135%
44	12.257	1727	1729	1732	rVB2	29224	24249	1.22%	0.093%
45	12.286	1732	1734	1737	rBV	30148	26925	1.35%	0.103%
46	12.363	1744	1747	1750	rBV	81518	85782	4.31%	0.327%
47	12.398	1750	1753	1756	rVV3	58582	76556	3.84%	0.292%
48	12.457	1759	1763	1767	rBV4	43339	57609	2.89%	0.220%
49	12.533	1771	1776	1779	rBV	1884076	1588262	79.76%	6.060%
50	12.592	1784	1786	1789	rVB	30016	23740	1.19%	0.091%
51	12.680	1798	1801	1804	rBV	53678	45844	2.30%	0.175%
52	12.763	1808	1815	1820	rBV	1464830	1608653	80.79%	6.138%
53	12.810	1820	1823	1827	rVB2	65489	77023	3.87%	0.294%
54	12.904	1835	1839	1842	rVB	1967118	1607352	80.72%	6.133%
55	12.974	1847	1851	1856	rVB2	83653	140604	7.06%	0.536%
56	13.016	1856	1858	1860	rBV	24336	20909	1.05%	0.080%
57	13.063	1863	1866	1867	rBV2	75019	76637	3.85%	0.292%
58	13.086	1867	1870	1873	rVB	249165	251816	12.65%	0.961%
59	13.121	1873	1876	1879	rBV3	39273	52647	2.64%	0.201%
60	13.157	1879	1882	1884	rVB	241605	197951	9.94%	0.755%
61	13.192	1884	1888	1891	rBV2	117588	143176	7.19%	0.546%
62	13.245	1895	1897	1900	rVB	27486	22515	1.13%	0.086%
63	13.286	1901	1904	1906	rBV	48124	44384	2.23%	0.169%
64	13.316	1906	1909	1912	rBV2	63636	69608	3.50%	0.266%
65	13.468	1932	1935	1937	rBV3	41589	49894	2.51%	0.190%
66	13.510	1940	1942	1945	rVV	42698	42032	2.11%	0.160%
67	13.568	1949	1952	1955	rBV2	45585	58209	2.92%	0.222%
68	13.604	1955	1958	1961	rVB2	52100	62620	3.14%	0.239%
69	13.710	1973	1976	1978	rBV	107004	92952	4.67%	0.355%
70	13.733	1978	1980	1983	rVV	106509	95710	4.81%	0.365%
71	13.757	1983	1984	1986	rVV	77294	71204	3.58%	0.272%
72	13.798	1989	1991	2001	rVB4	161356	287608	14.44%	1.097%
73	13.957	2011	2018	2021	rBV2	777894	1200537	60.29%	4.581%
74	13.986	2021	2023	2031	rVB	588720	584744	29.37%	2.231%
75	14.068	2034	2037	2039	rVV	142237	128587	6.46%	0.491%
76	14.115	2042	2045	2050	rVV3	56395	83179	4.18%	0.317%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132052.D
Acq On : 12 Jan 2023 20:55
Operator : CG\JU
Sample : 01124-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-C

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-BF010923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.157	2050	2052	2054	rVV	50908	50325	2.53%	0.192%
78	14.192	2056	2058	2061	rVB	56059	42313	2.12%	0.161%
79	14.310	2076	2078	2080	rBV	40652	33199	1.67%	0.127%
80	14.345	2082	2084	2087	rVB	91816	93360	4.69%	0.356%
81	14.445	2099	2101	2103	rBV	52628	46116	2.32%	0.176%
82	14.492	2107	2109	2112	rVB2	78968	69654	3.50%	0.266%
83	14.710	2144	2146	2152	rVB3	102947	97183	4.88%	0.371%
84	14.792	2158	2160	2165	rVB	67382	72083	3.62%	0.275%
85	14.998	2191	2195	2198	rBV	429256	622397	31.26%	2.375%
86	15.104	2210	2213	2217	rBV	91228	111039	5.58%	0.424%
87	15.298	2243	2246	2252	rVB	259969	295945	14.86%	1.129%
88	15.362	2253	2257	2262	rVV	395718	466638	23.43%	1.780%
89	15.421	2263	2267	2270	rVV	252478	320623	16.10%	1.223%
90	15.451	2270	2272	2278	rVB	121633	155438	7.81%	0.593%
91	16.880	2510	2515	2523	rVB2	148590	260179	13.07%	0.993%
92	17.315	2585	2589	2599	rVB	105881	212464	10.67%	0.811%

Sum of corrected areas: 26209443

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
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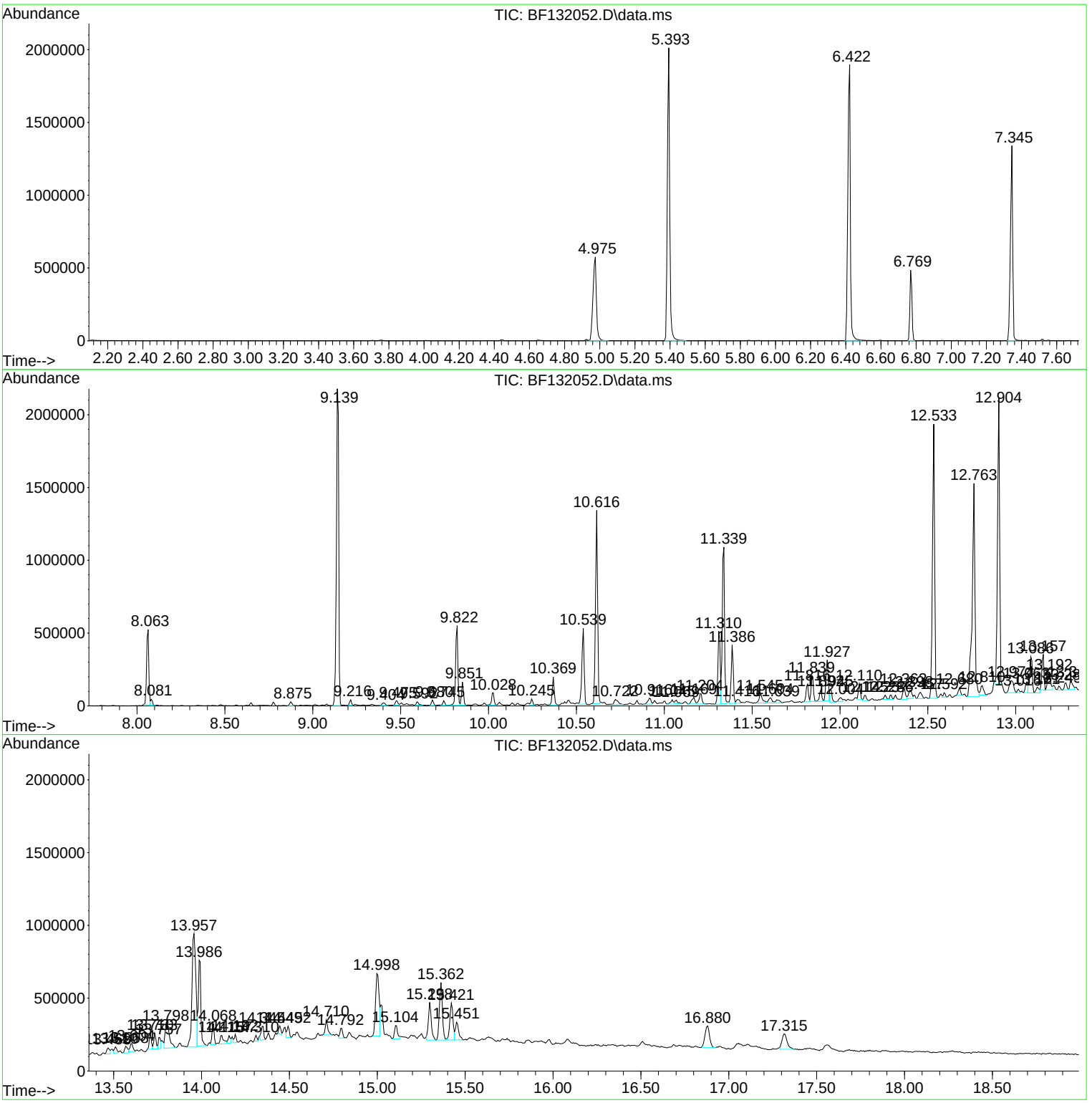
Acq On : 12 Jan 2023 20:55
Operator : CG\JU
Sample : 01124-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132052.D
Acq On : 12 Jan 2023 20:55
Operator : CG\JU
Sample : 01124-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-C

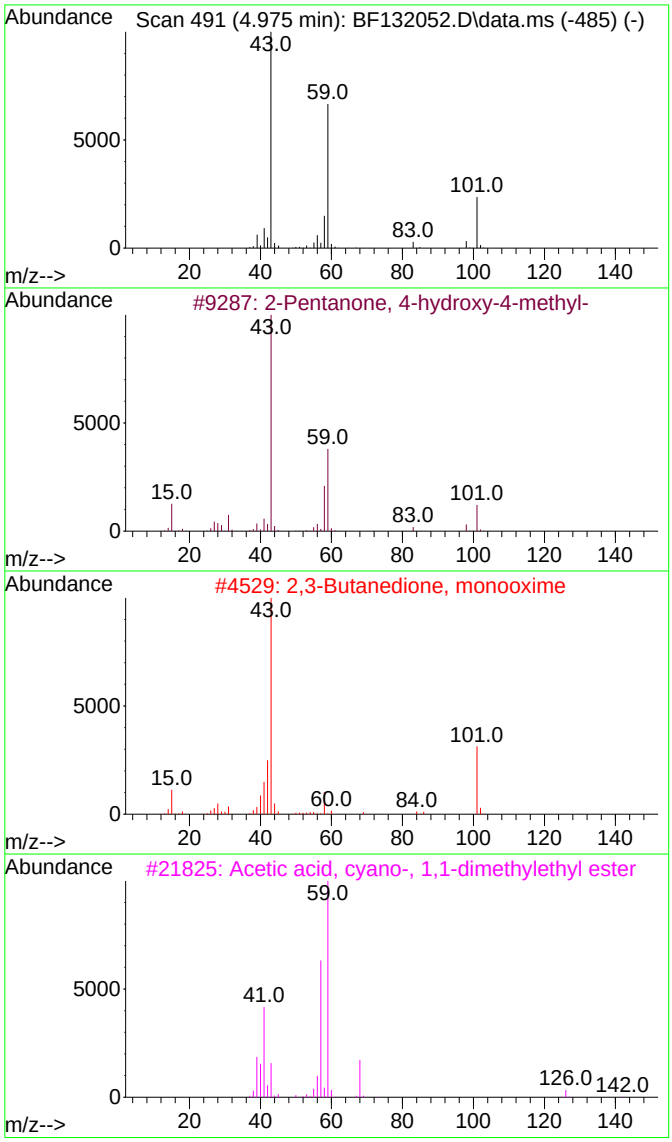
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

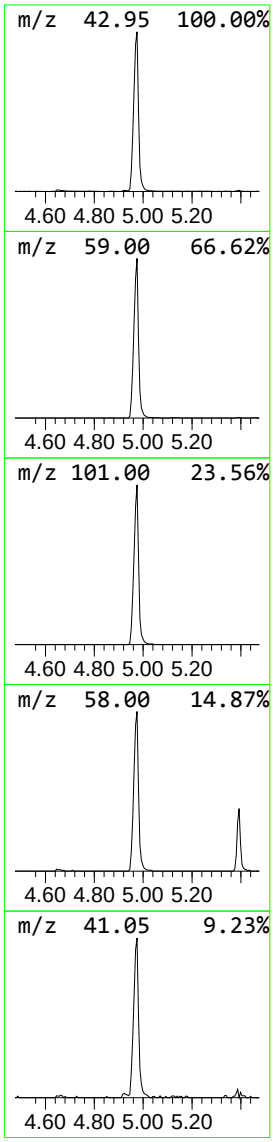
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	39.19 ng	777046	1,4-Dichlorobenzene-d4	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132052.D
Acq On : 12 Jan 2023 20:55
Operator : CG\JU
Sample : 01124-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

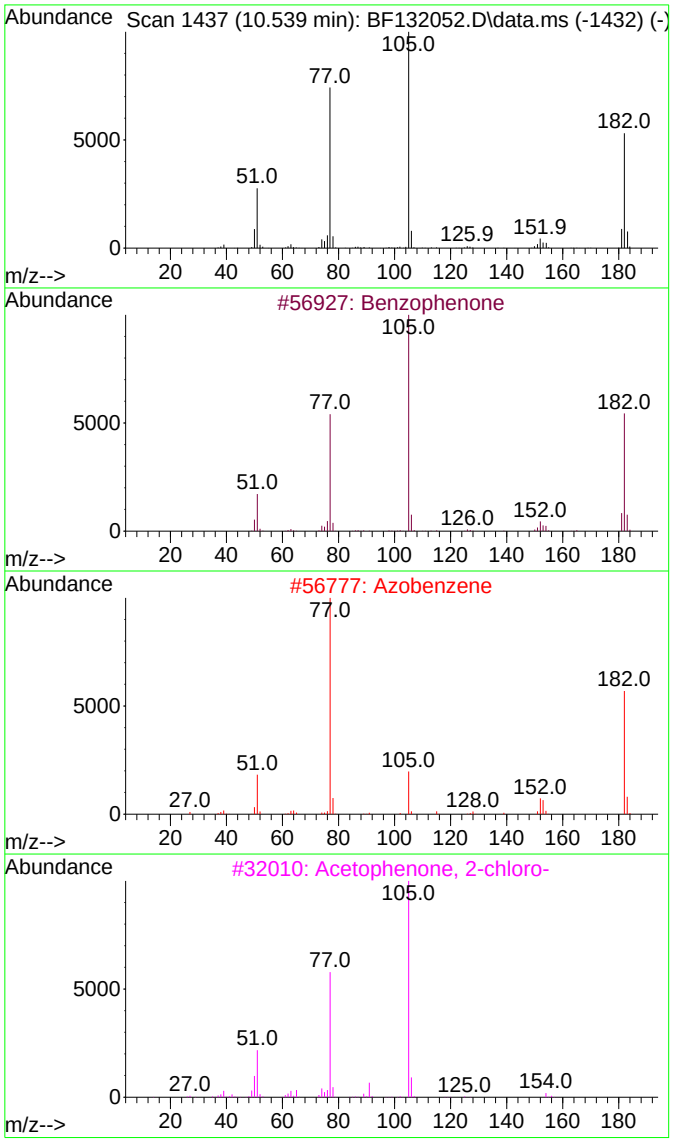
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

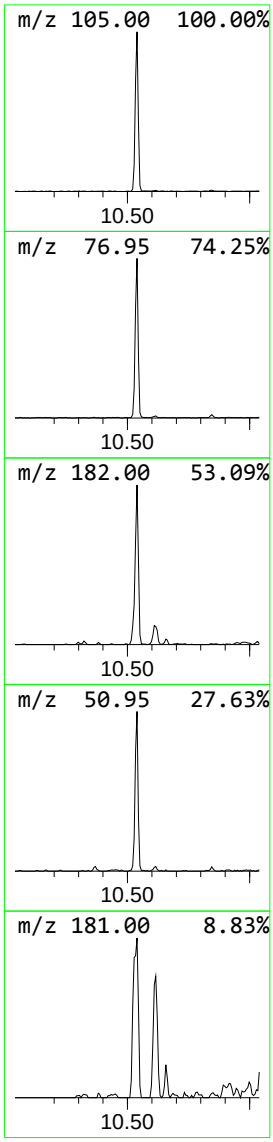
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	18.84 ng	461273	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	72
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	58
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
5	Benzilamide	227	C14H13NO2	004746-87-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132052.D
Acq On : 12 Jan 2023 20:55
Operator : CG\JU
Sample : 01124-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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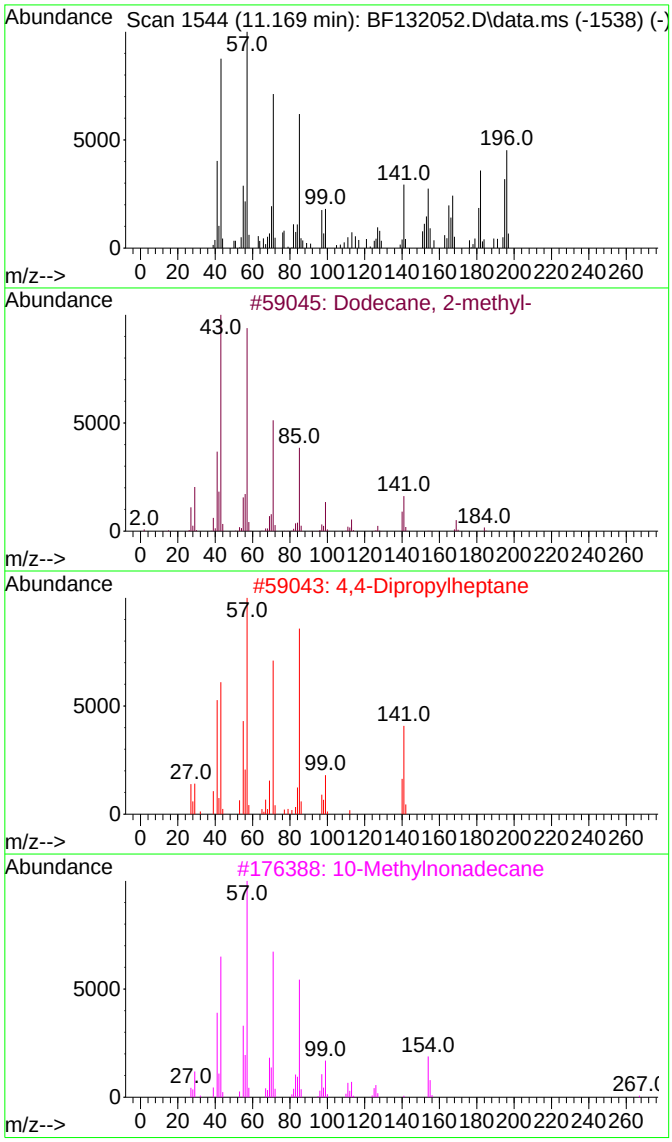
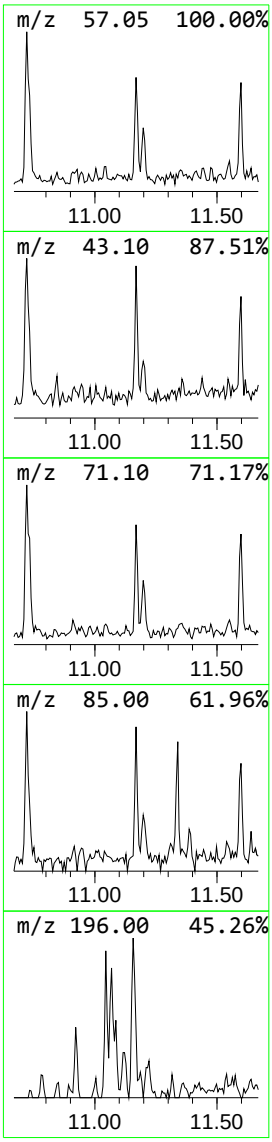
Peak Number 3 unknown11.169 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	2.55 ng	59315	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	30
2	4,4-Dipropylheptane	184	C13H28	017312-72-0	30
3	10-Methylnonadecane	282	C20H42	056862-62-5	25
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	22
5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132052.D
Acq On : 12 Jan 2023 20:55
Operator : CG\JU
Sample : 01124-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

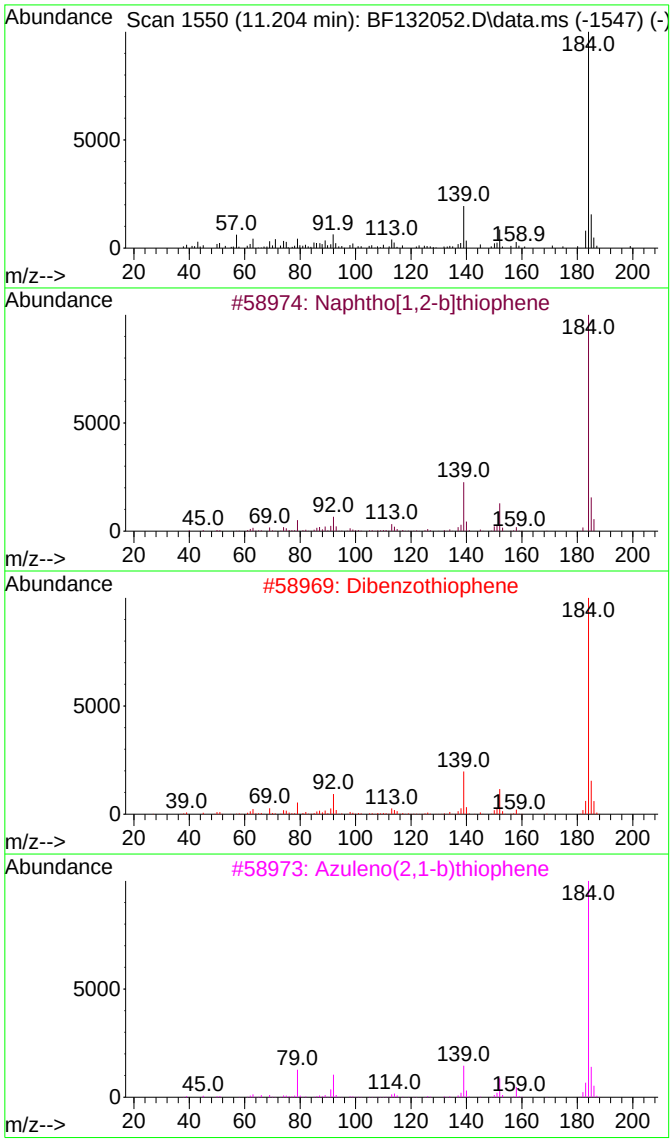
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

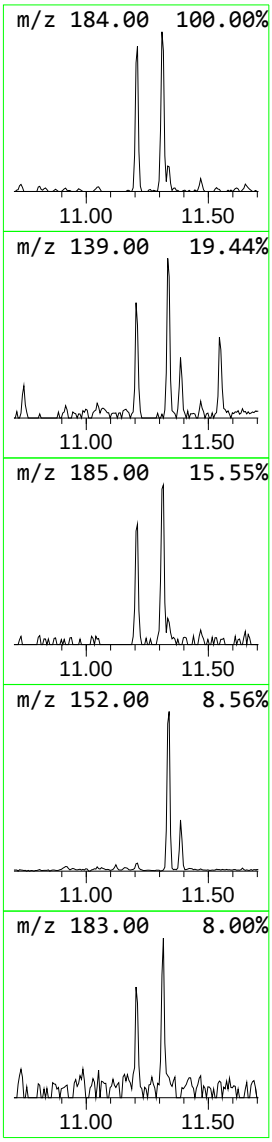
****

Peak Number 4 Naphtho[1,2-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	3.41 ng	79295	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132052.D
Acq On : 12 Jan 2023 20:55
Operator : CG\JU
Sample : 01124-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

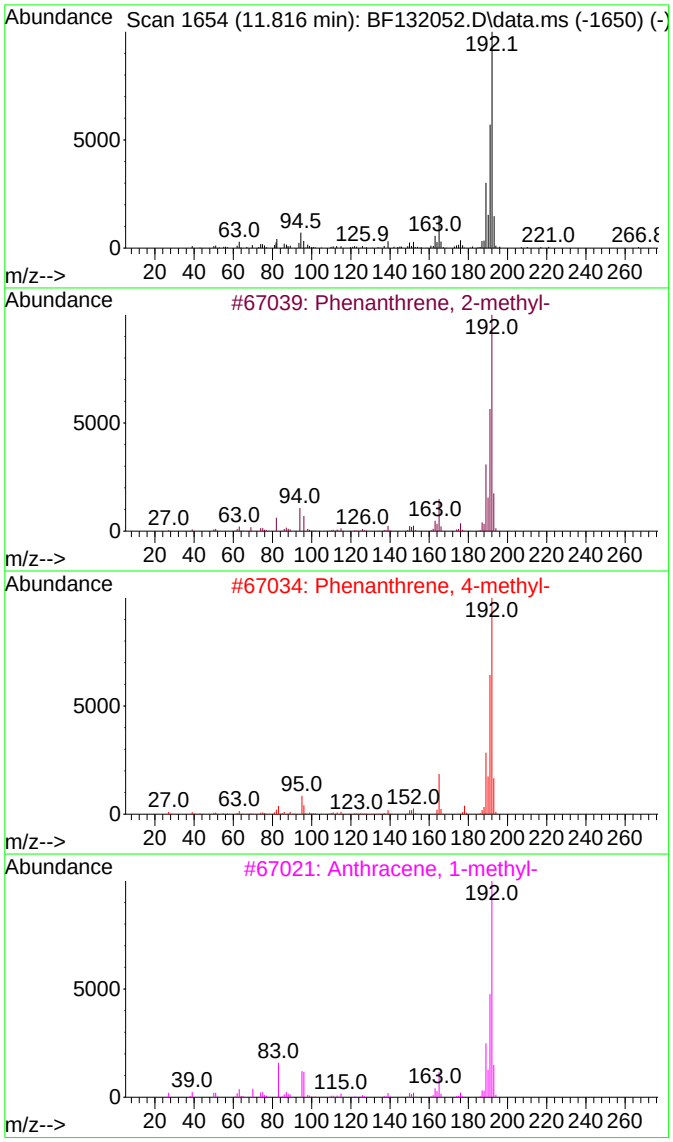
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

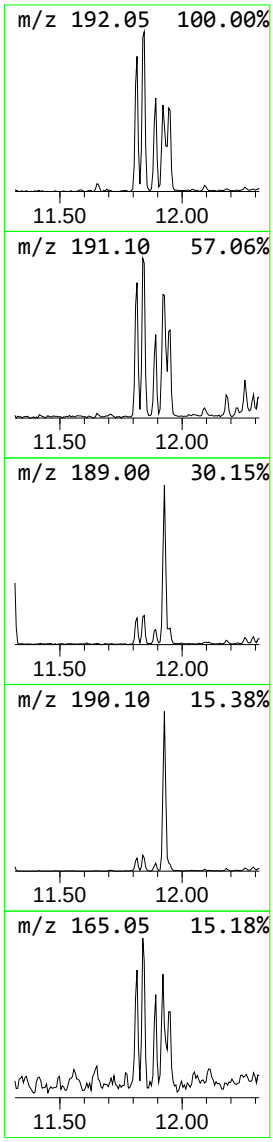
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	4.81 ng	111854	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132052.D
Acq On : 12 Jan 2023 20:55
Operator : CG\JU
Sample : 01124-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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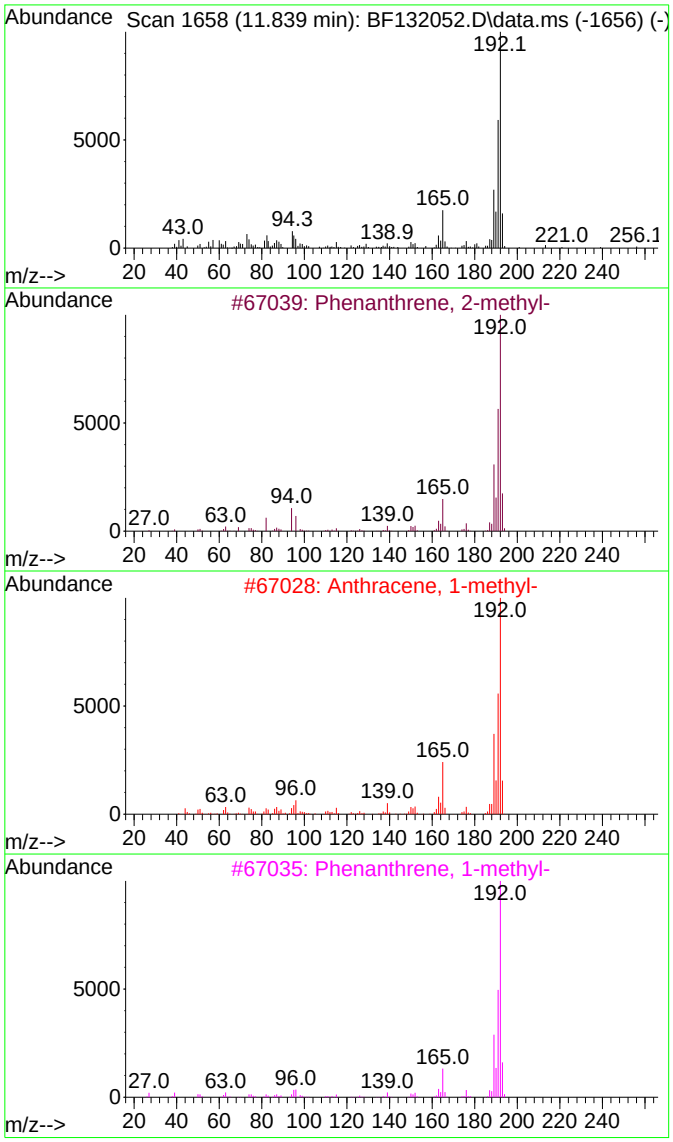
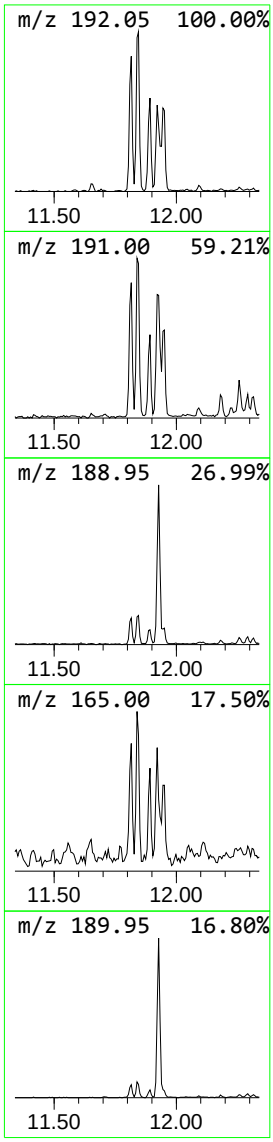
Peak Number 6 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	6.86 ng	159404	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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Operator : CG\JU
Sample : 01124-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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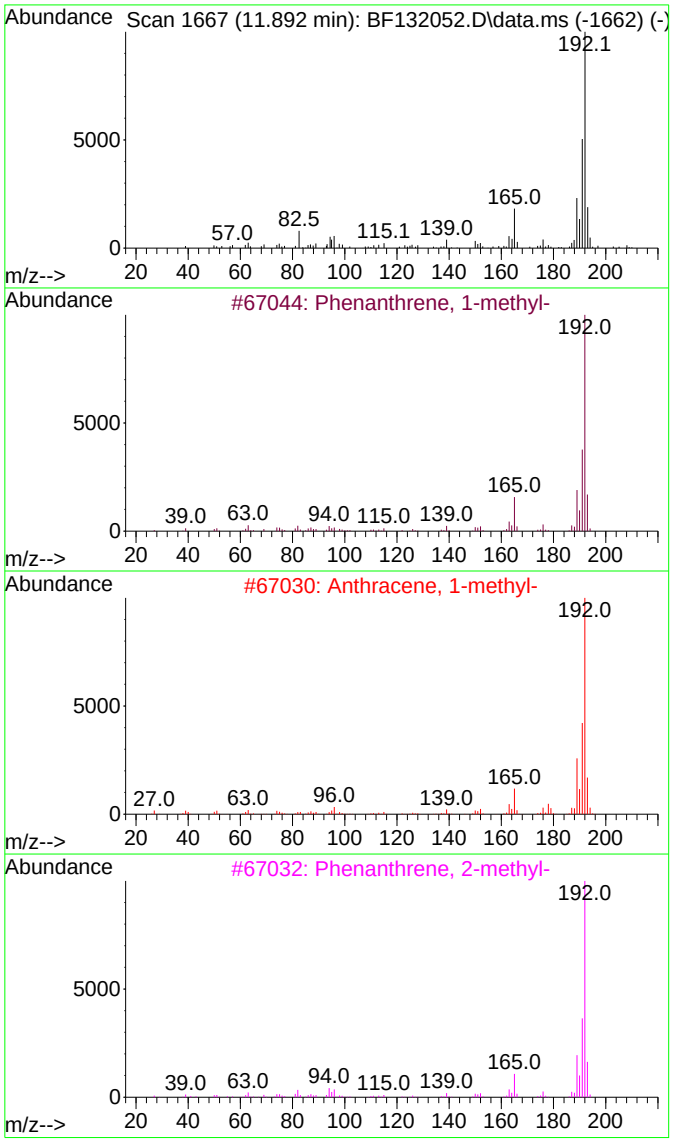
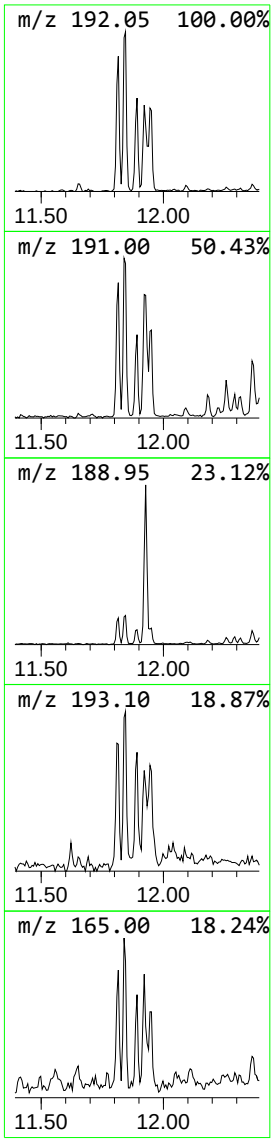
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	3.12 ng	72523	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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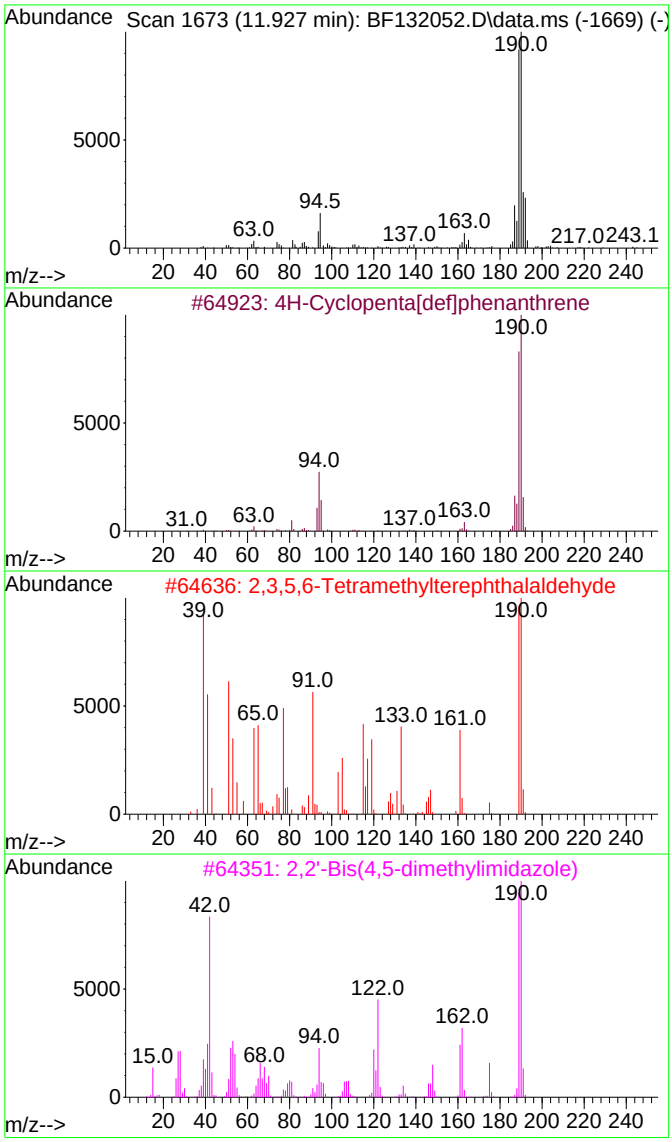
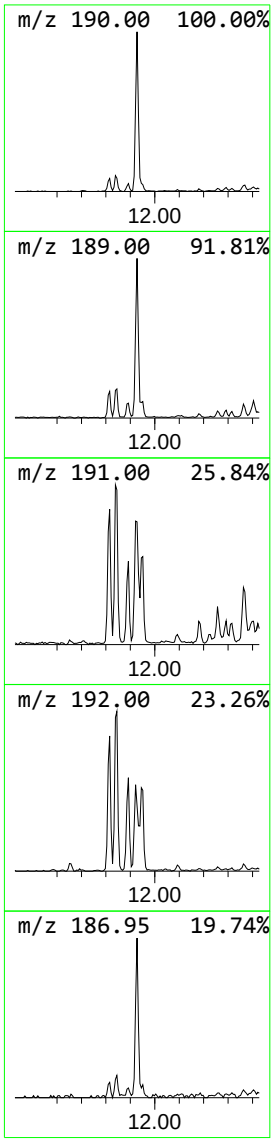
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	11.22 ng	260647	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	l-Alanine, n-pentafluoropropiony...	389	C17H28F5NO3	1000323-37-8	16





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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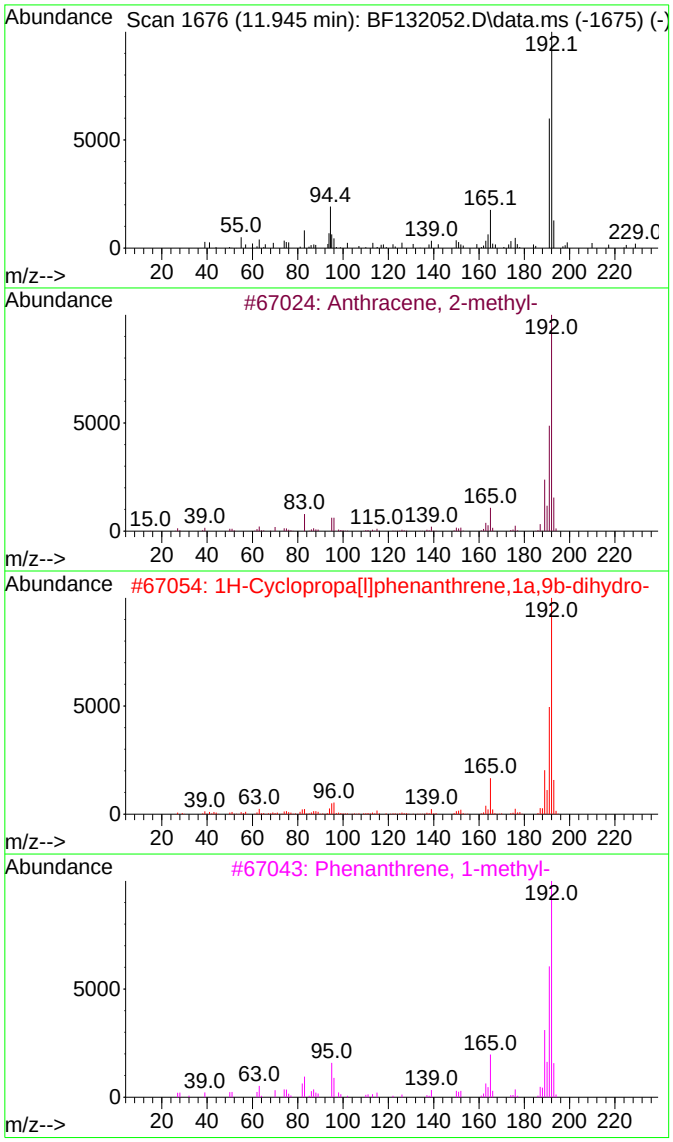
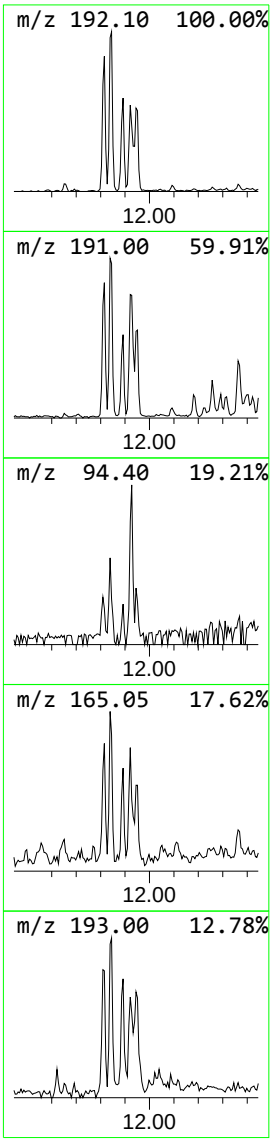
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	2.99 ng	69512	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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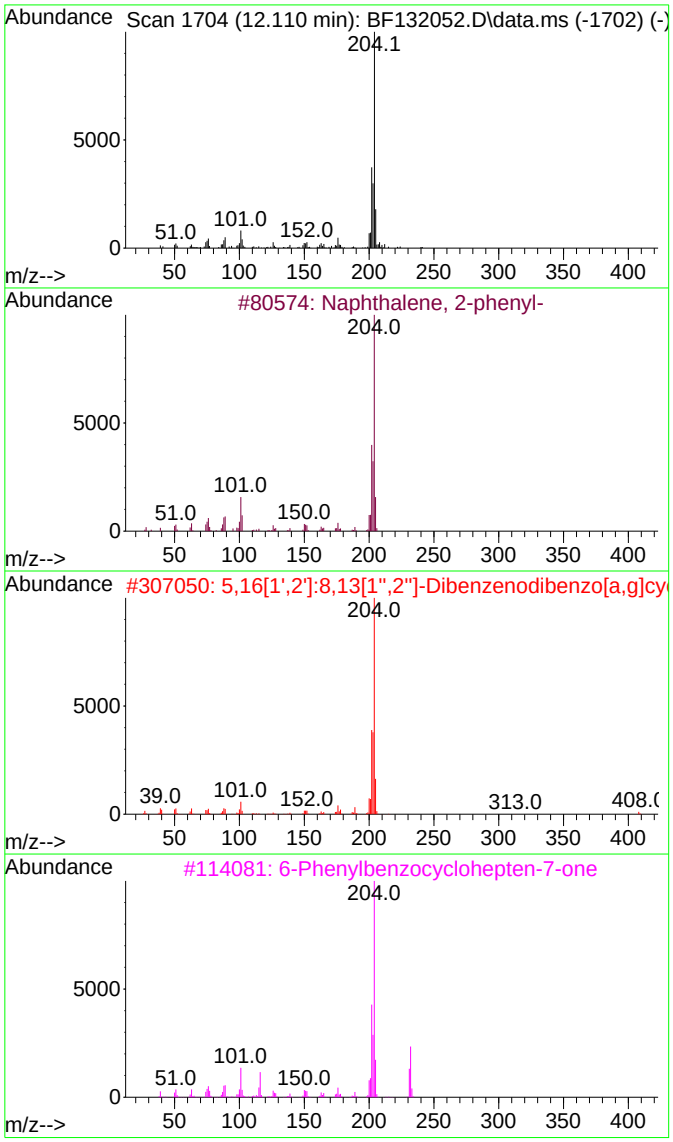
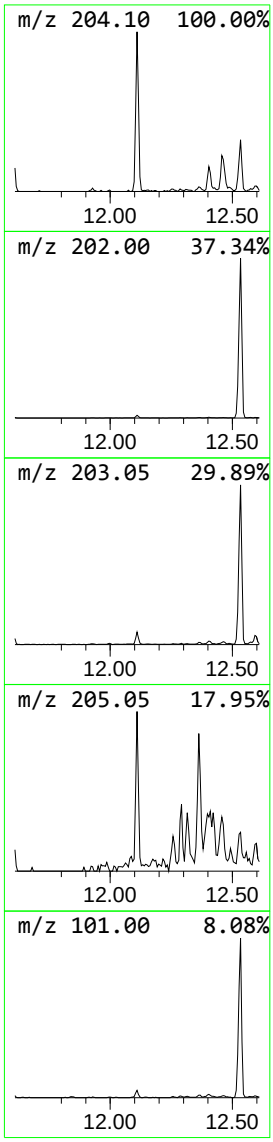
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	3.54 ng	82258	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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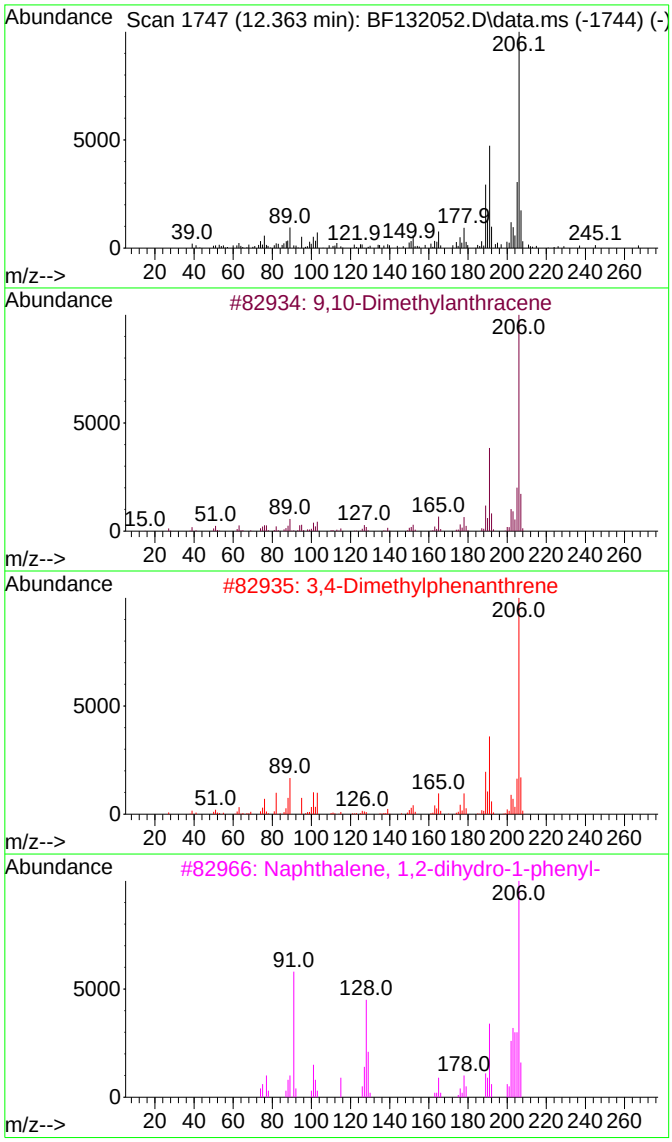
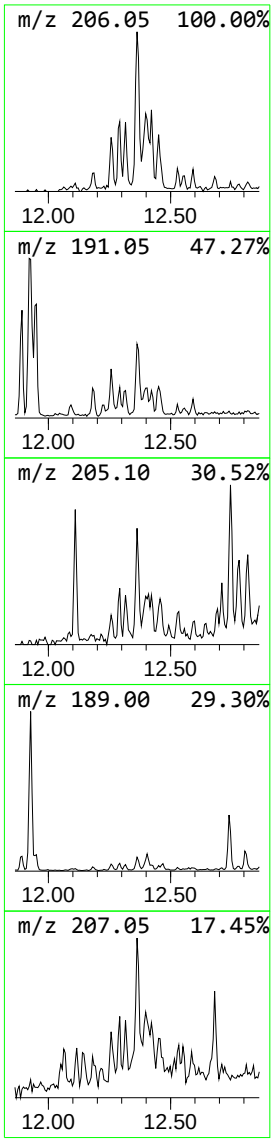
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	3.69 ng	85782	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	87
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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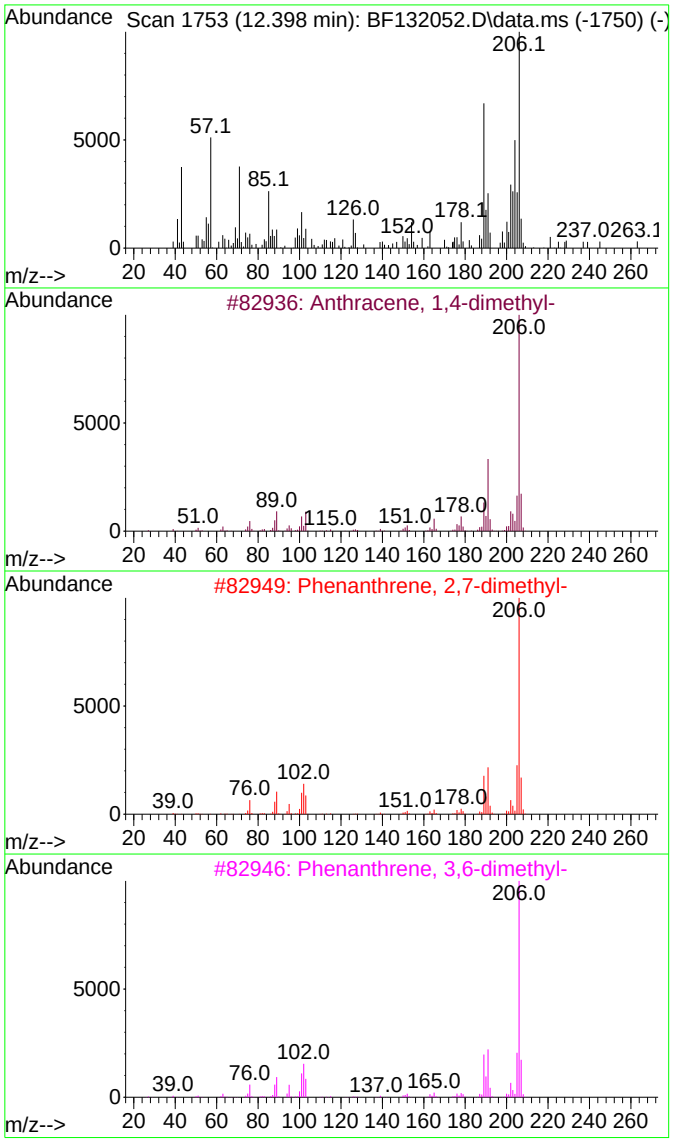
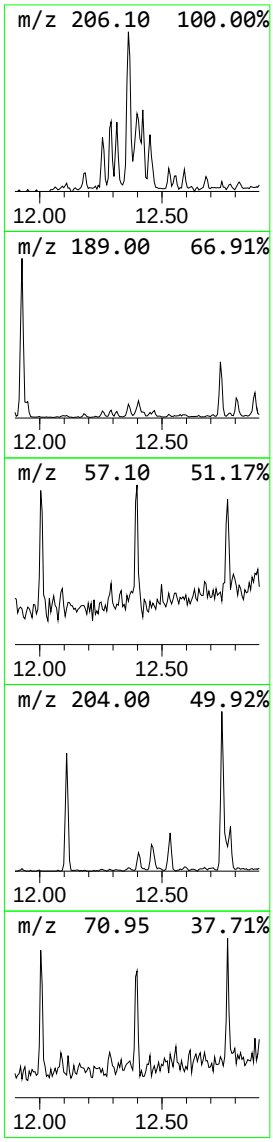
Peak Number 12 Anthracene, 1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	3.29 ng	76556	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	50
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	50
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
4	Indeno[2,1-a]indene, 4b,5,9b,10-...	206	C16H14	016293-79-1	45
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	45





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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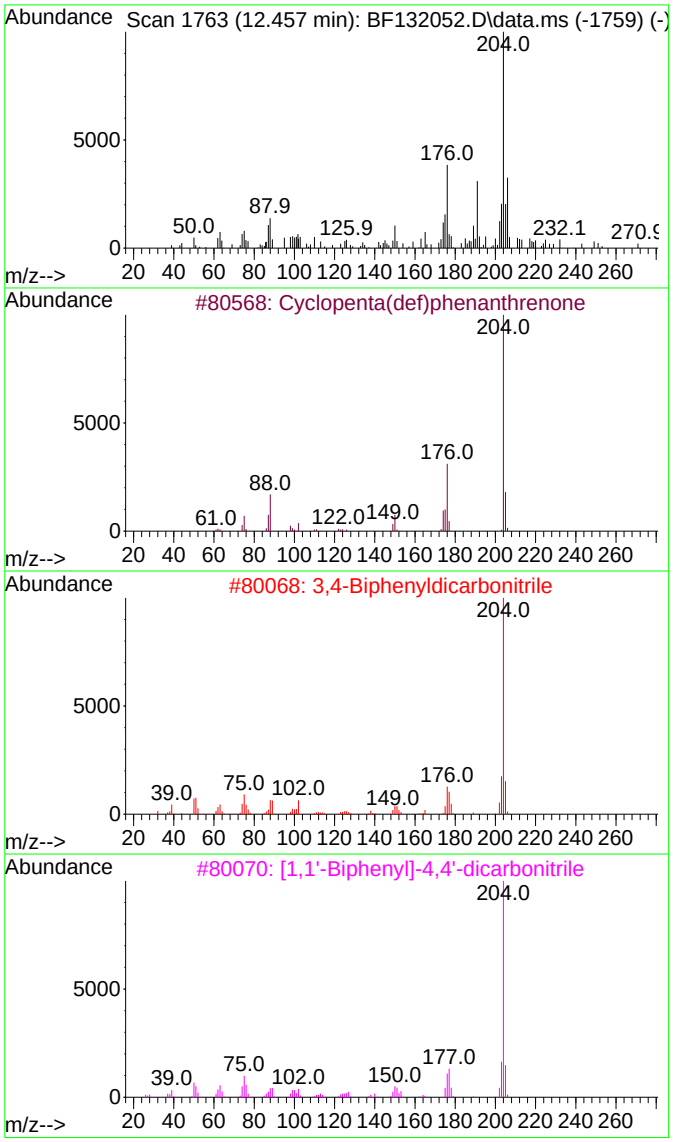
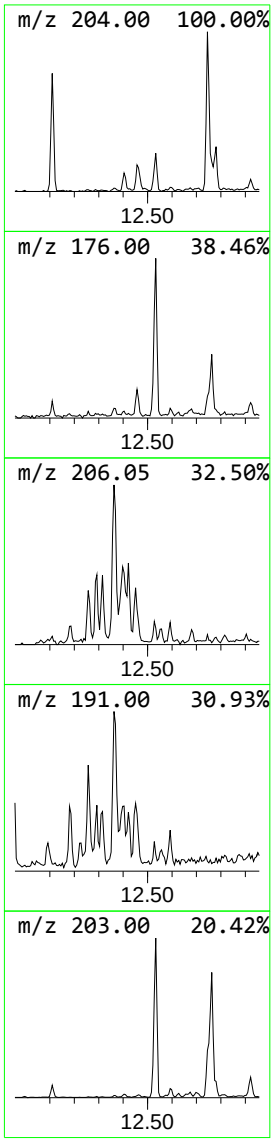
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	2.48 ng	57609	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
4	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	49
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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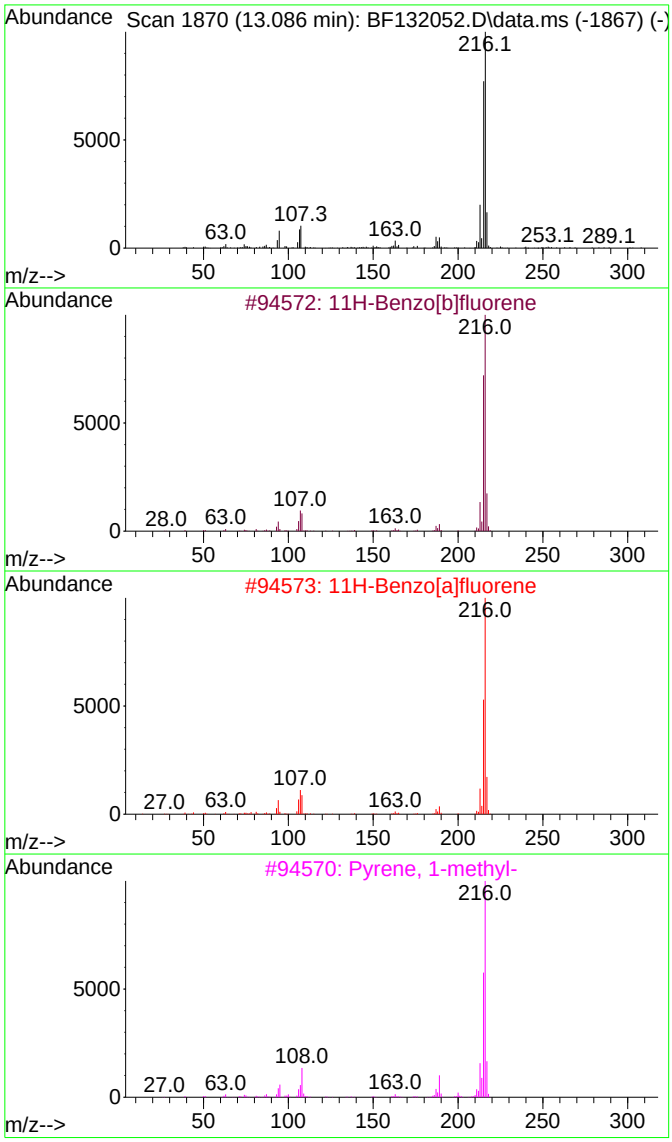
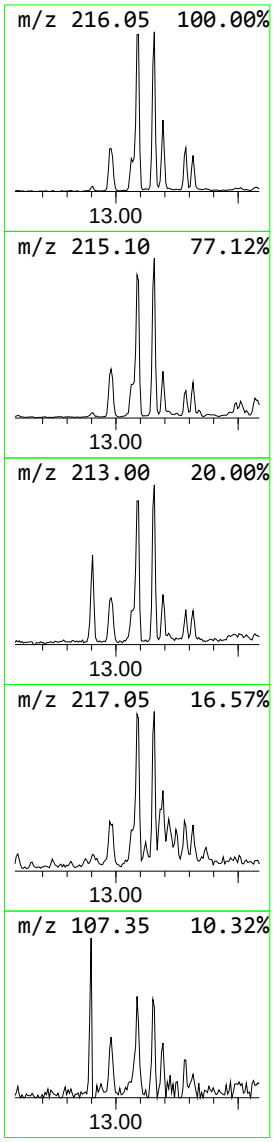
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	4.20 ng	251816	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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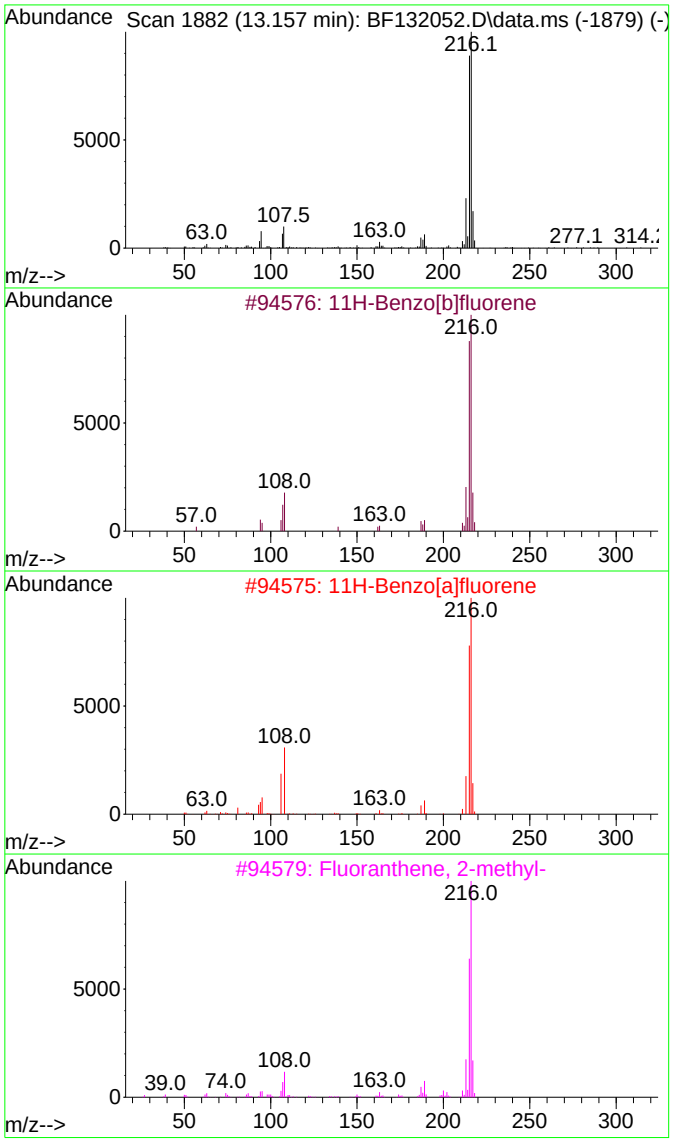
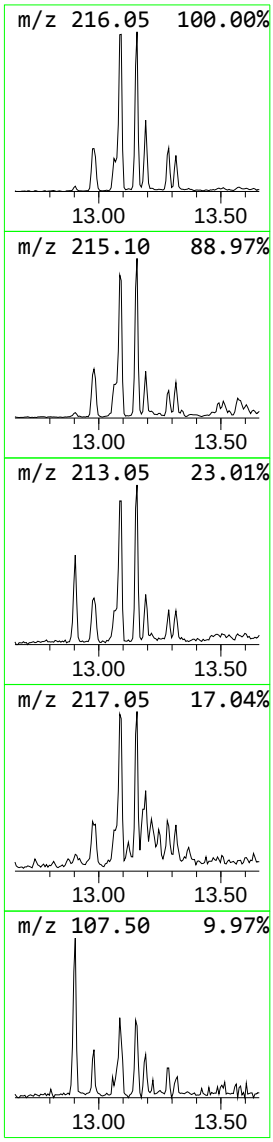
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	3.30 ng	197951	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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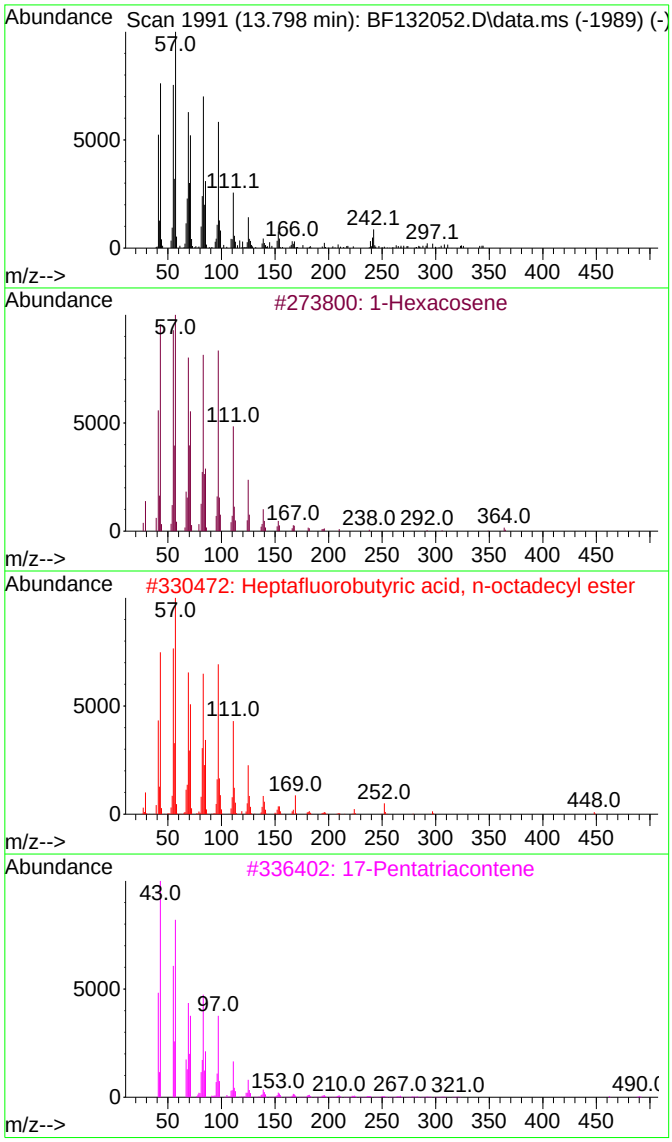
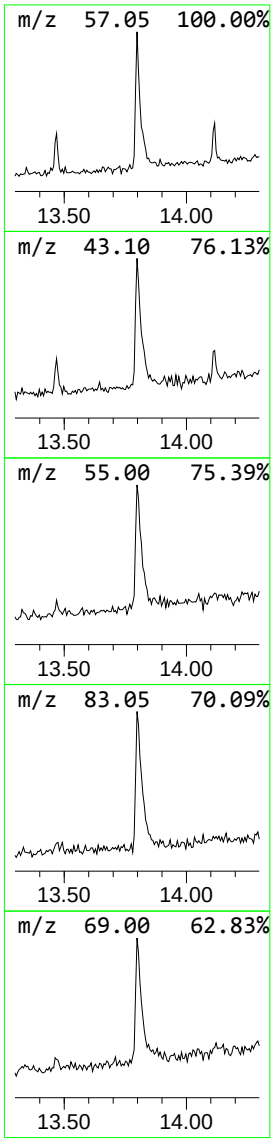
Peak Number 16 1-Hexacosene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	4.79 ng	287608	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	91
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91





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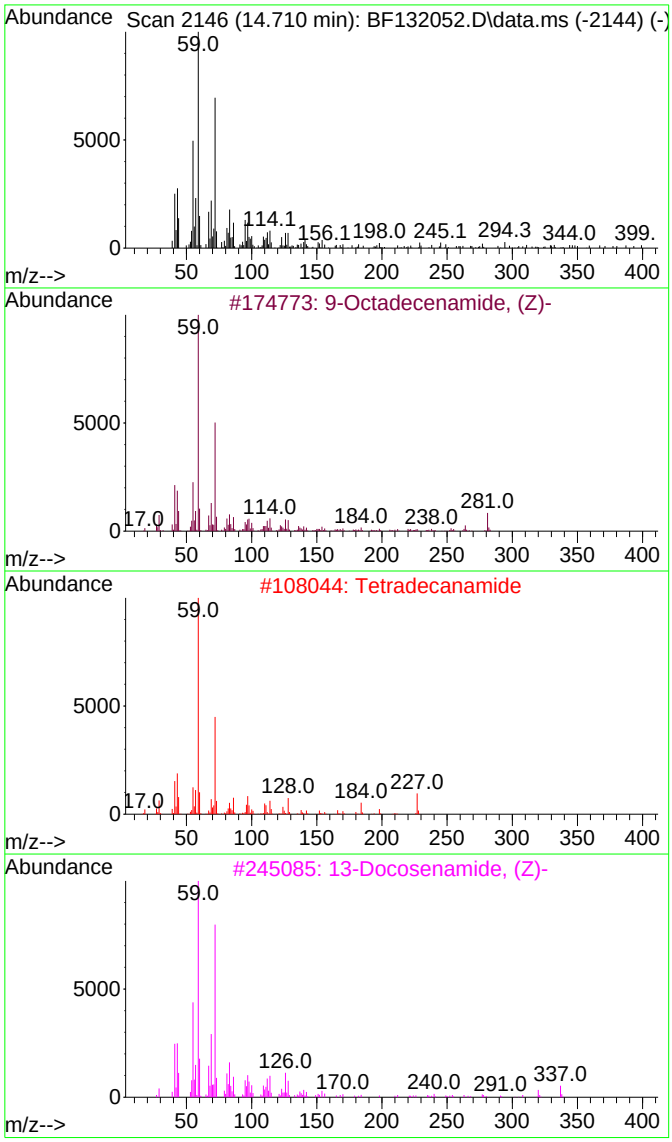
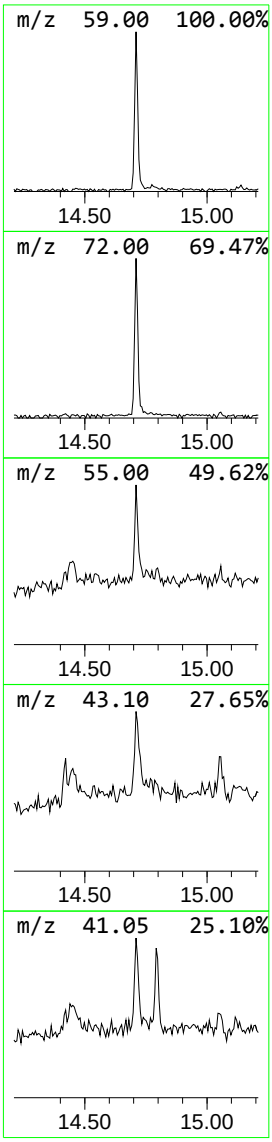
Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.710	6.06 ng	97183	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78
2	Tetradecanamide	227	C14H29NO	000638-58-4	64
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	58
4	Hexadecanamide	255	C16H33NO	000629-54-9	53
5	2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	38





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Data File : BF132052.D
Acq On : 12 Jan 2023 20:55
Operator : CG\JU
Sample : 01124-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-C

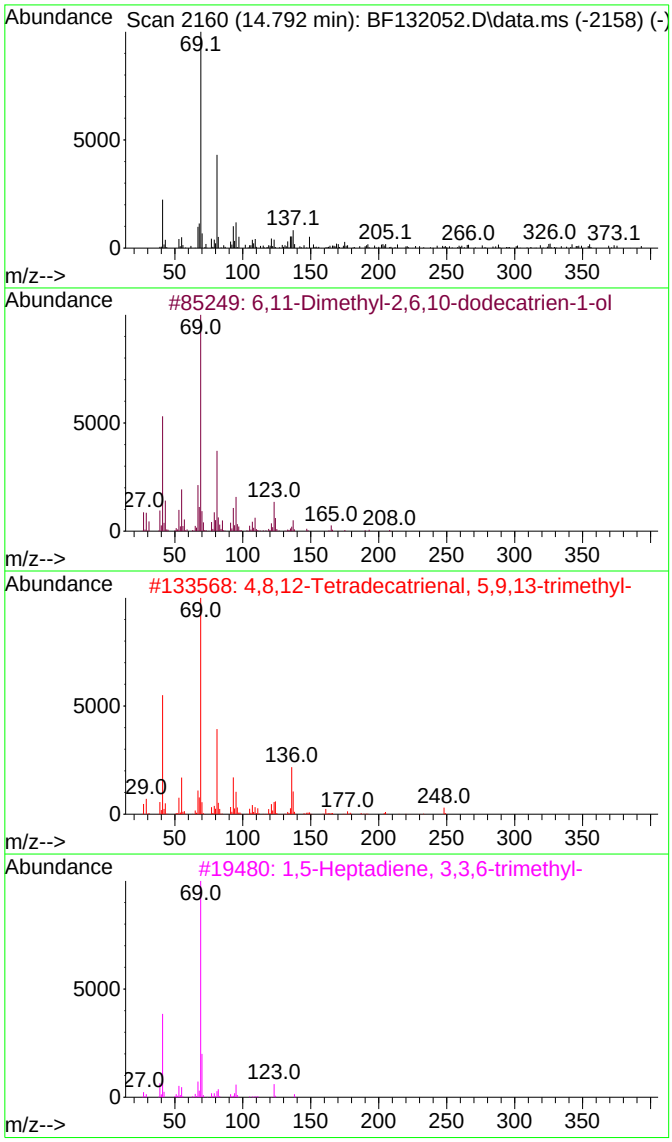
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

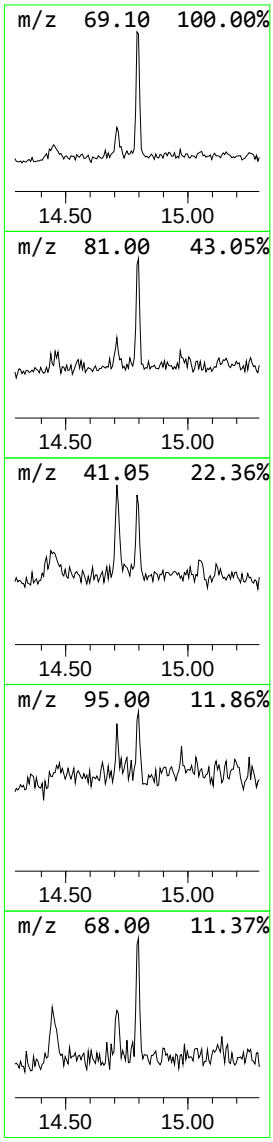
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 6,11-Dimethyl-2,6,10-dodeca... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	4.50 ng	72083	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	72
2	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
3	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	64
4	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	64
5	Supraene	410	C30H50	007683-64-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132052.D
Acq On : 12 Jan 2023 20:55
Operator : CG\JU
Sample : 01124-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

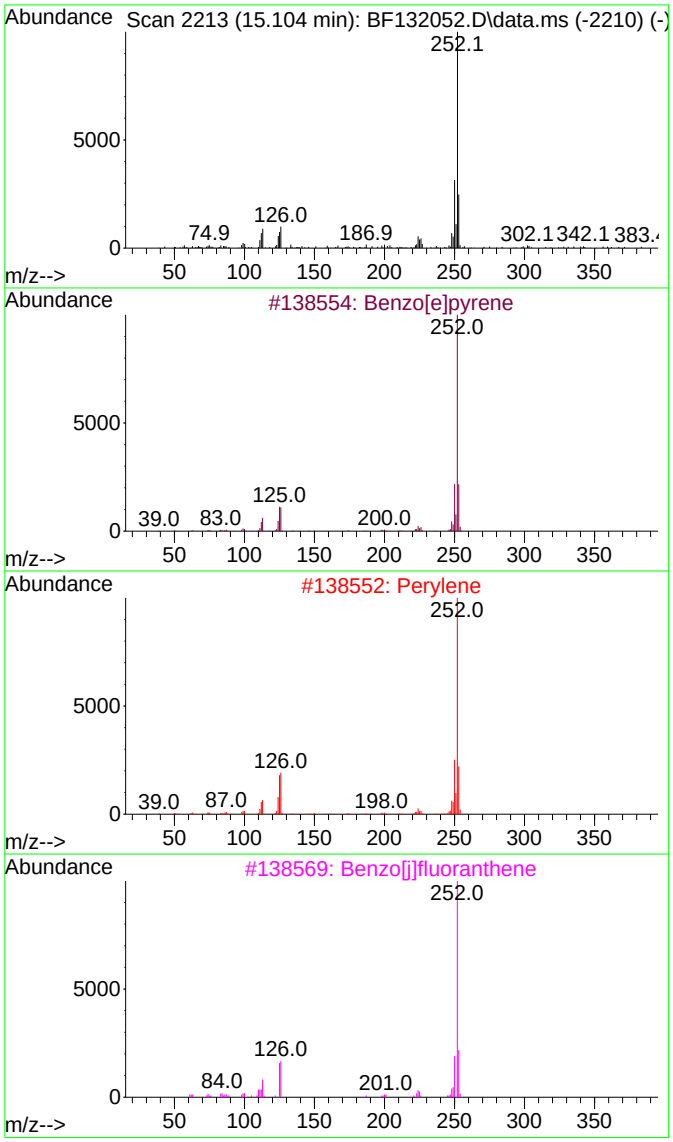
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

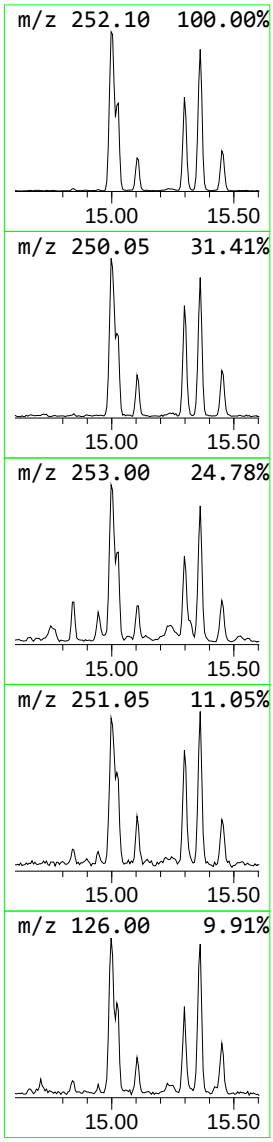
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	6.93 ng	111039	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Perylene	252	C20H12	000198-55-0	86
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132052.D
Acq On : 12 Jan 2023 20:55
Operator : CG\JU
Sample : 01124-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

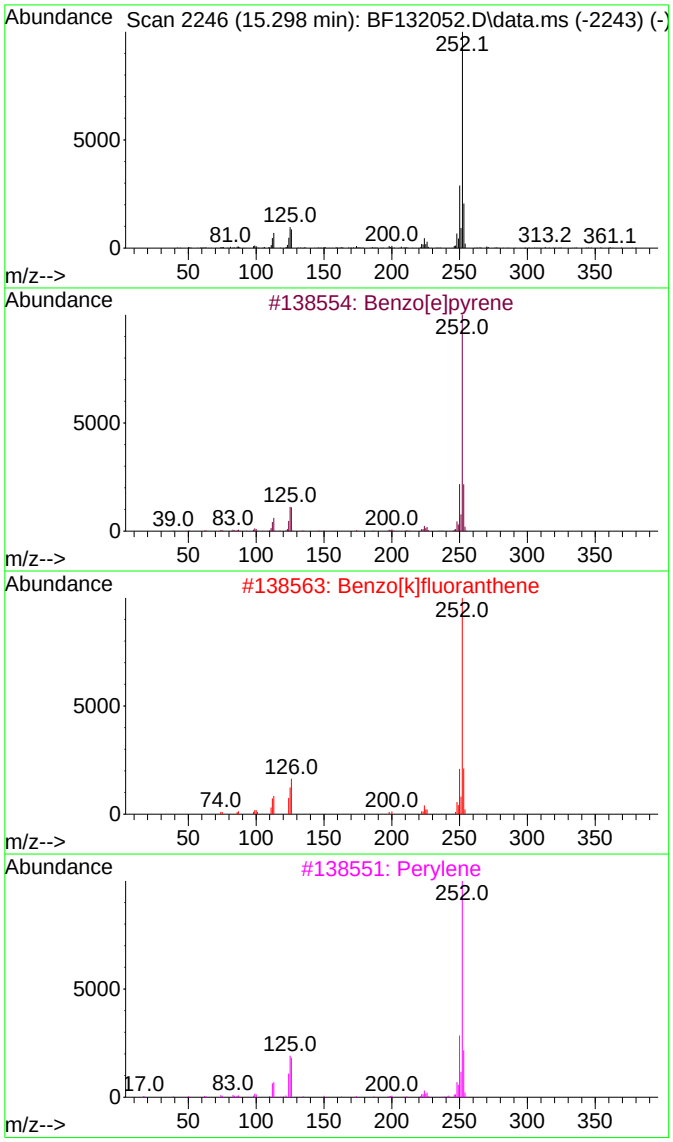
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

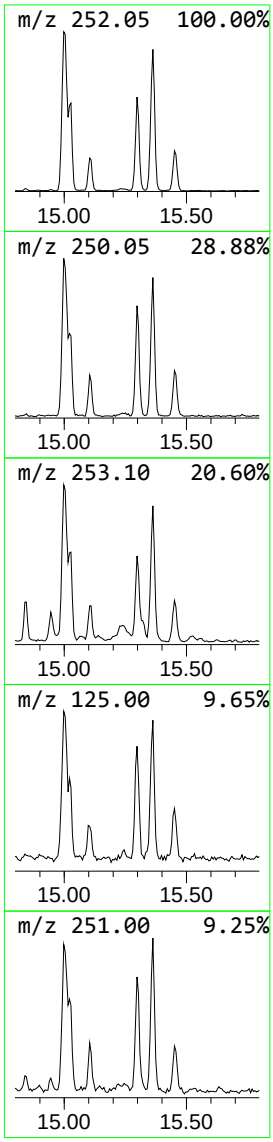
****

Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	18.46 ng	295945	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132052.D
Acq On : 12 Jan 2023 20:55
Operator : CG\JU
Sample : 01124-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.975	39.2	ng	777046	1	6.769	396564	20.0
Benzophenone	10.539	18.8	ng	461273	3	9.822	489651	20.0
unknown11.169	11.169	2.5	ng	59315	4	11.310	464726	20.0
Naphtho[1,2-b]t...	11.204	3.4	ng	79295	4	11.310	464726	20.0
Phenanthrene, 2...	11.816	4.8	ng	111854	4	11.310	464726	20.0
Anthracene, 1-m...	11.839	6.9	ng	159404	4	11.310	464726	20.0
Phenanthrene, 1...	11.892	3.1	ng	72523	4	11.310	464726	20.0
4H-Cyclopenta[d...	11.927	11.2	ng	260647	4	11.310	464726	20.0
Anthracene, 2-m...	11.945	3.0	ng	69512	4	11.310	464726	20.0
Naphthalene, 2-...	12.110	3.5	ng	82258	4	11.310	464726	20.0
9,10-Dimethylan...	12.363	3.7	ng	85782	4	11.310	464726	20.0
Anthracene, 1,4...	12.398	3.3	ng	76556	4	11.310	464726	20.0
Cyclopenta(def)...	12.457	2.5	ng	57609	4	11.310	464726	20.0
11H-Benzo[b]flu...	13.086	4.2	ng	251816	5	13.963	1200540	20.0
11H-Benzo[a]flu...	13.157	3.3	ng	197951	5	13.963	1200540	20.0
1-Hexacosene	13.798	4.8	ng	287608	5	13.963	1200540	20.0
9-Octadecenamid...	14.710	6.1	ng	97183	6	15.421	320623	20.0
6,11-Dimethyl-2...	14.792	4.5	ng	72083	6	15.421	320623	20.0
Benzo[e]pyrene	15.104	6.9	ng	111039	6	15.421	320623	20.0
Perylene	15.298	18.5	ng	295945	6	15.421	320623	20.0