LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132049.D
Acq On : 12 Jan 2023 19:18
Operator : CG\JU
Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

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: BF132049.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	507	rVB	631772	895095	39.96%	3.972%
2	5.393	558	562	581	rBV	2114048	2060297	91.97%	9.143%
3	6.416	732	736	739	rBV	1911883	2000099	89.29%	8.876%
4	6.769	793	796	800	rBV	495867	389367	17.38%	1.728%
5	7.345	889	894	897	rBV	1482720	1330630	59.40%	5.905%
6	8.057	1012	1015	1018	rBV	519826	447178	19.96%	1.984%
7	9.139	1194	1199	1202	rBV	2558909	2240088	100.00%	9.941%
8	9.216	1208	1212	1214	rVB	32088	28527	1.27%	0.127%
9	9.816	1306	1314	1317	rBV	532856	462892	20.66%	2.054%
10	9.851	1317	1320	1324	rVB	74292	60366	2.69%	0.268%
11	10.022	1344	1349	1353	rVB	46746	42230	1.89%	0.187%
12	10.369	1404	1408	1413	rBV	99830	92196	4.12%	0.409%
13	10.539	1431	1437	1440	rVB	464022	427239	19.07%	1.896%
14	10.616	1445	1450	1453	rBV	1287571	1168143	52.15%	5.184%
15	10.722	1465	1468	1473	rBV2	26481	40372	1.80%	0.179%
16	10.916	1494	1501	1504	rBV2	30910	41686	1.86%	0.185%
17	11.169	1539	1544	1546	rBV3	24761	33124	1.48%	0.147%
18	11.204	1546	1550	1555	rVB	59178	62488	2.79%	0.277%
19	11.310	1564	1568	1570	rBV	522849	449989	20.09%	1.997%
20	11.333	1570	1572	1575	rVV	907287	693620	30.96%	3.078%
21	11.386	1577	1581	1583	rVV	251635	210859	9.41%	0.936%
22	11.422	1583	1587	1592	rVB4	16402	29539	1.32%	0.131%
23	11.545	1604	1608	1612	rBV2	32615	46091	2.06%	0.205%
24	11.810	1650	1653	1656	rBV	84802	80943	3.61%	0.359%
25	11.839	1656	1658	1662	rVB	151153	111961	5.00%	0.497%
26	11.886	1663	1666	1669	rVB	48300	40839	1.82%	0.181%
27	11.922	1669	1672	1675	rBV	161458	175563	7.84%	0.779%
28	12.004	1682	1686	1688	rBV2	21549	24518	1.09%	0.109%
29	12.110	1701	1704	1706	rVB	69488	57106	2.55%	0.253%
30	12.286	1731	1734	1736	rBV2	32807	27586	1.23%	0.122%
31	12.363	1744	1747	1749	rBV	63421	63742	2.85%	0.283%
32	12.398	1749	1753	1755	rVV4	46529	57214	2.55%	0.254%
33	12.451	1759	1762	1765	rBV3	26339	38979	1.74%	0.173%
34	12.527	1771	1775	1778	rBV	1293962	1062383	47.43%	4.715%
35	12.680	1798	1801	1803	rBV	39615	38431	1.72%	0.171%
36	12.757	1808	1814	1820	rBV	970493	1089285	48.63%	4.834%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132049.D
Acq On : 12 Jan 2023 19:18
Operator : CG\JU
Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

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	12.804	1820	1822	1827	rVB2	48436	51983	2.32%	0.231%
38	12.875	1831	1834	1835	rBV2	51707	48881	2.18%	0.217%
39	12.898	1835	1838	1842	rVB	1955287	1827321	81.57%	8.109%
40	12.980	1847	1852	1855	rBV2	46206	84040	3.75%	0.373%
41	13.086	1863	1870	1873	rBV	191990	235068	10.49%	1.043%
42	13.122	1874	1876	1878	rBV2	29448	30657	1.37%	0.136%
43	13.151	1878	1881	1884	rVB	186935	144921	6.47%	0.643%
44	13.186	1884	1887	1890	rBV2	79422	96751	4.32%	0.429%
45	13.245	1895	1897	1900	rBV3	29429	27151	1.21%	0.120%
46	13.280	1901	1903	1905	rBV	44719	30626	1.37%	0.136%
47	13.310	1906	1908	1910	rBV	45303	42456	1.90%	0.188%
48	13.704	1973	1975	1978	rBV	73991	59175	2.64%	0.263%
49	13.733	1978	1980	1982	rVB	61878	44816	2.00%	0.199%
50	13.757	1982	1984	1985	rBV	57653	40607	1.81%	0.180%
51	13.798	1988	1991	2000	rVB6	157419	276744	12.35%	1.228%
52	13.957	2013	2018	2021	rBV2	583865	889295	39.70%	3.946%
53	13.986	2021	2023	2026	rVB	399809	303619	13.55%	1.347%
54	14.063	2034	2036	2039	rVB	127983	86698	3.87%	0.385%
55	14.710	2143	2146	2151	rBV	205975	223522	9.98%	0.992%
56	14.998	2191	2195	2210	rVB	334710	709739	31.68%	3.150%
57	15.104	2211	2213	2224	rVB	83306	138990	6.20%	0.617%
58	15.298	2243	2246	2252	rVB	156356	193688	8.65%	0.860%
59	15.357	2252	2256	2262	rBV	279115	351091	15.67%	1.558%
60	15.421	2263	2267	2270	rBV	244887	291125	13.00%	1.292%
61	16.874	2510	2514	2522	rVB2	96726	184472	8.24%	0.819%

Sum of corrected areas: 22534101

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
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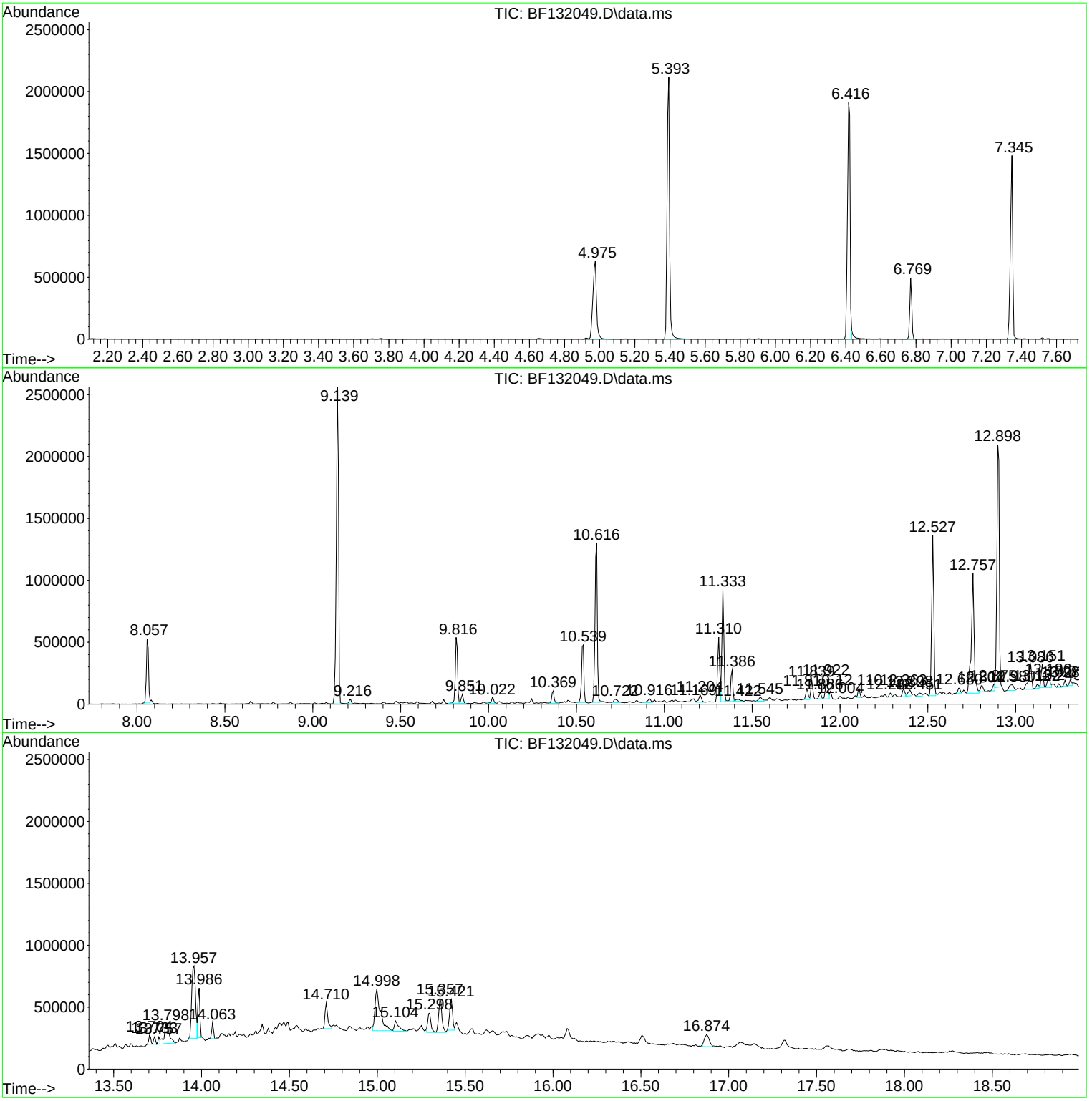
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

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 : BF132049.D
Acq On : 12 Jan 2023 19:18
Operator : CG\JU
Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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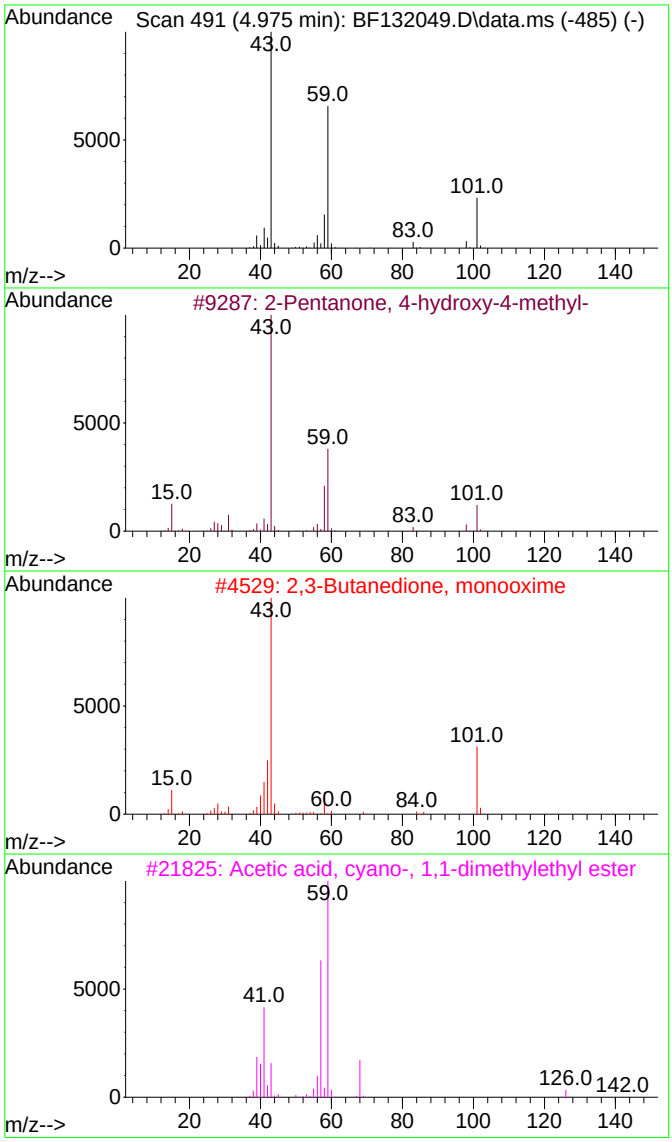
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

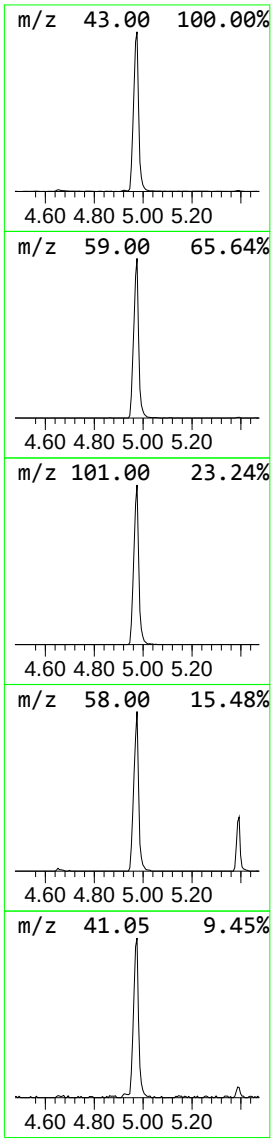
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	45.98 ng	895095	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	72
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 : BF132049.D
Acq On : 12 Jan 2023 19:18
Operator : CG\JU
Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

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

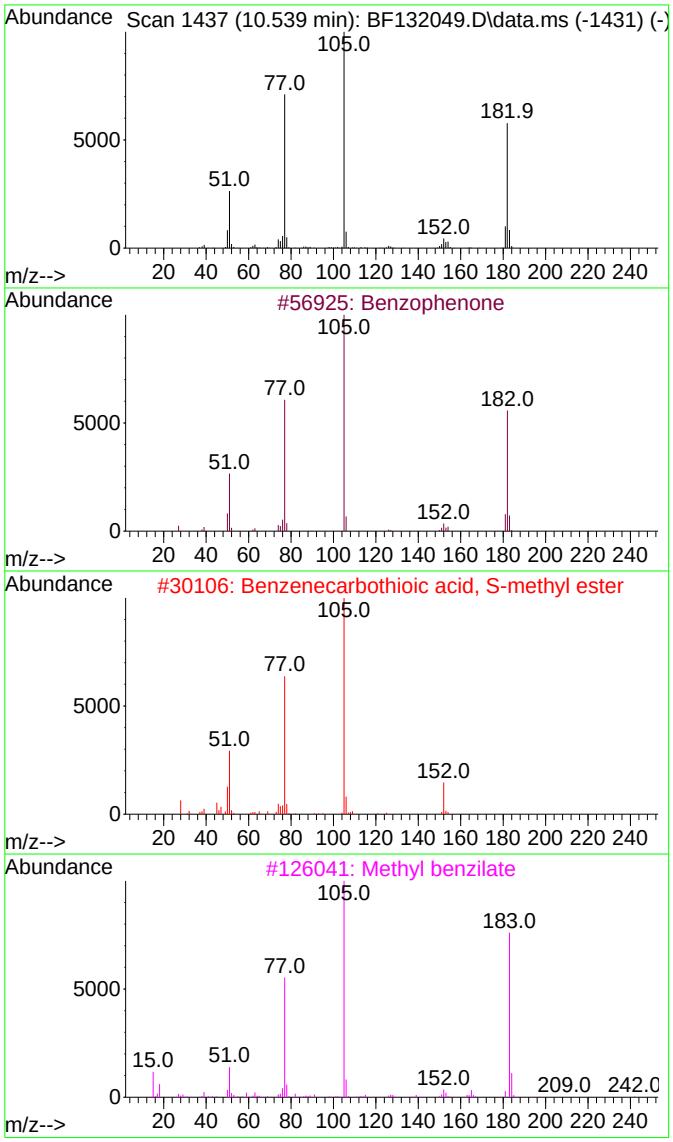
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

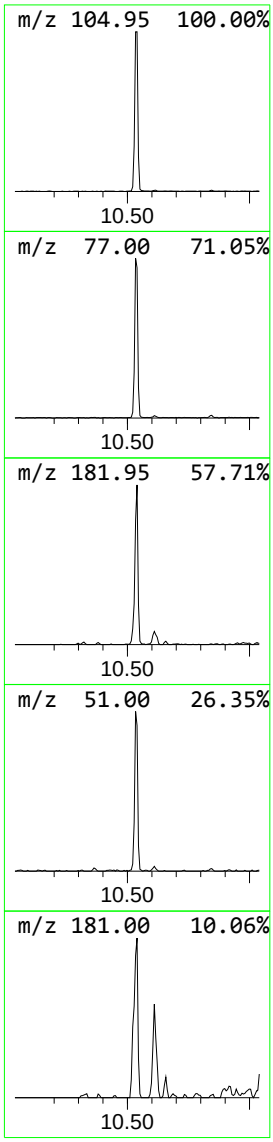
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	18.46 ng	427239	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
3	Methyl benzilate	242	C15H14O3	000076-89-1	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	Benzilic acid	228	C14H12O3	000076-93-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132049.D
Acq On : 12 Jan 2023 19:18
Operator : CG\JU
Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

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

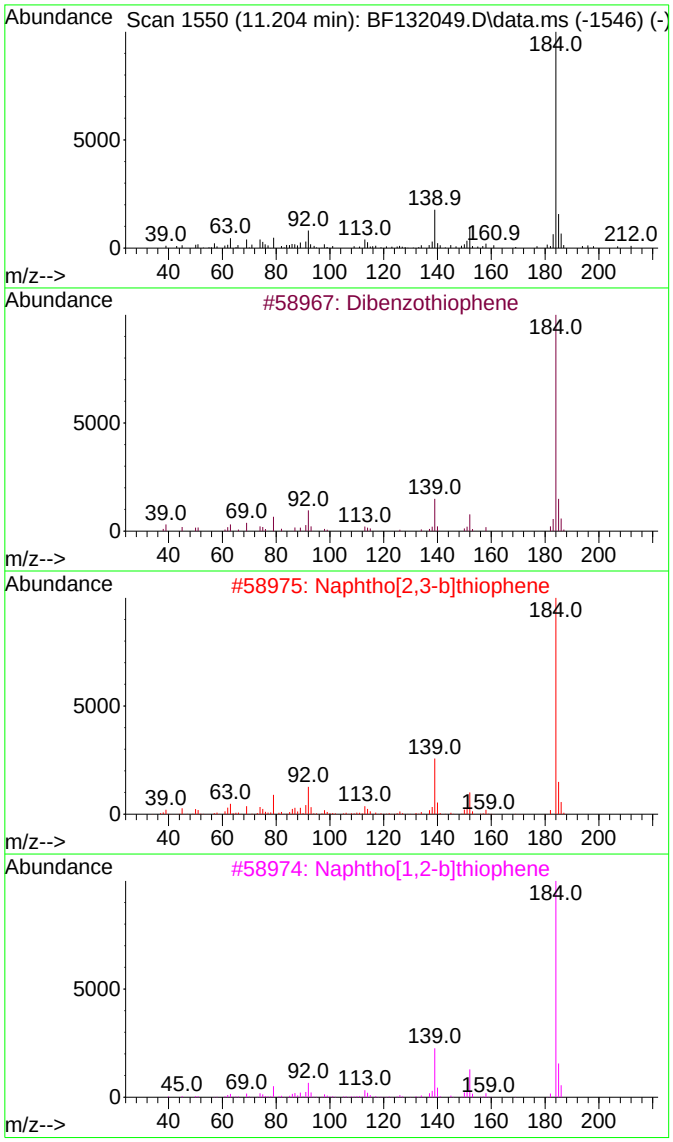
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

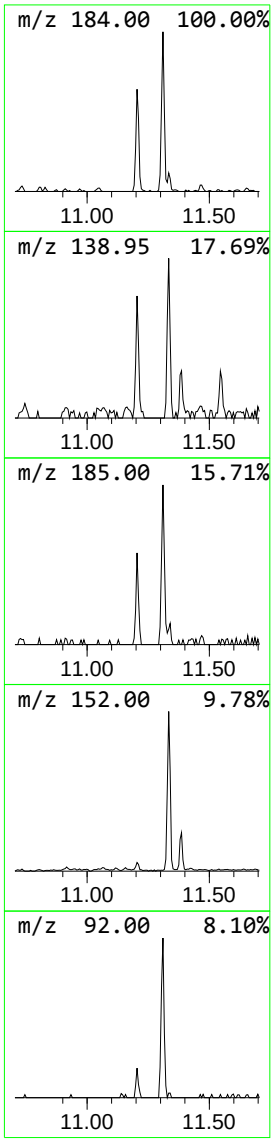
****

Peak Number 3 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	2.78 ng	62488	Phenanthrene-d10	11.310

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132049.D
Acq On : 12 Jan 2023 19:18
Operator : CG\JU
Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

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

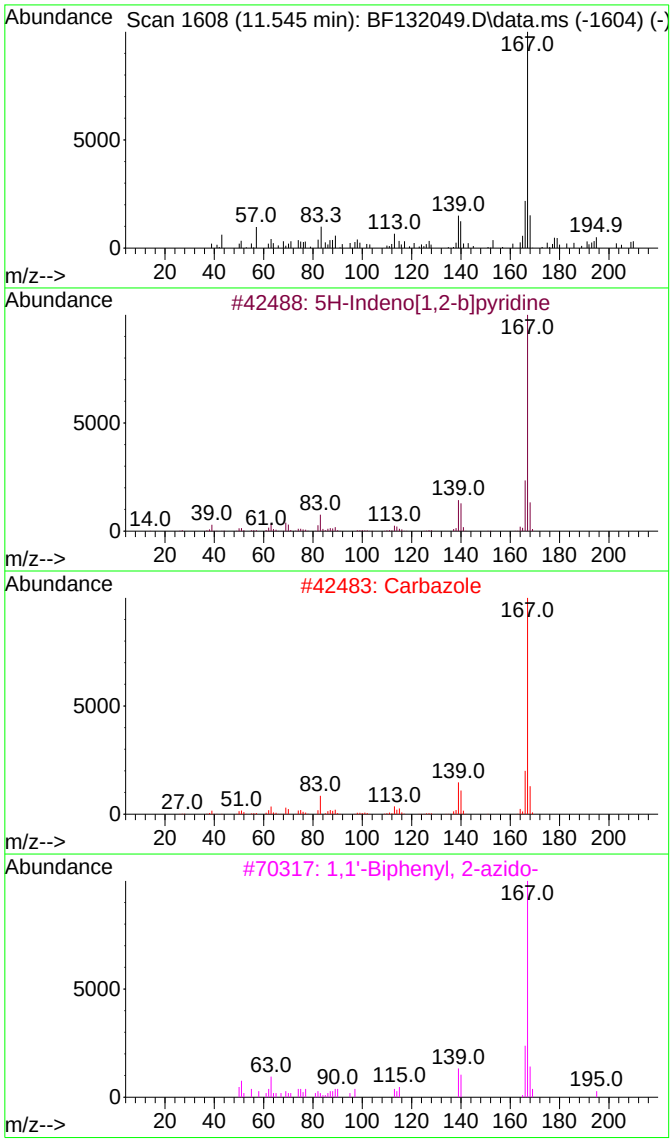
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

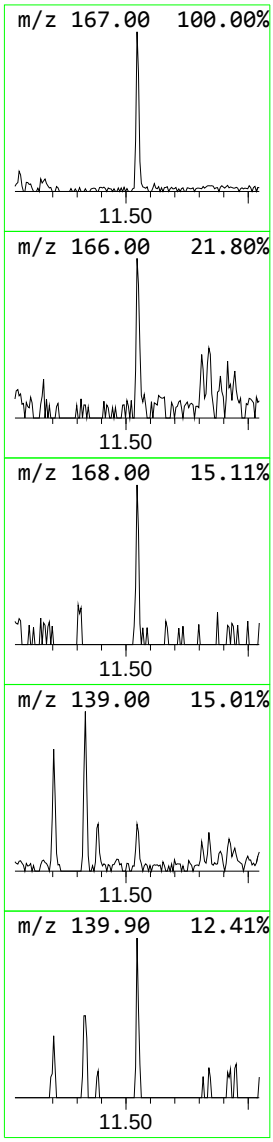
****

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.545	2.05 ng	46091	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
2	Carbazole	167	C12H9N	000086-74-8	90
3	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	90
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	86
5	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132049.D
Acq On : 12 Jan 2023 19:18
Operator : CG\JU
Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

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

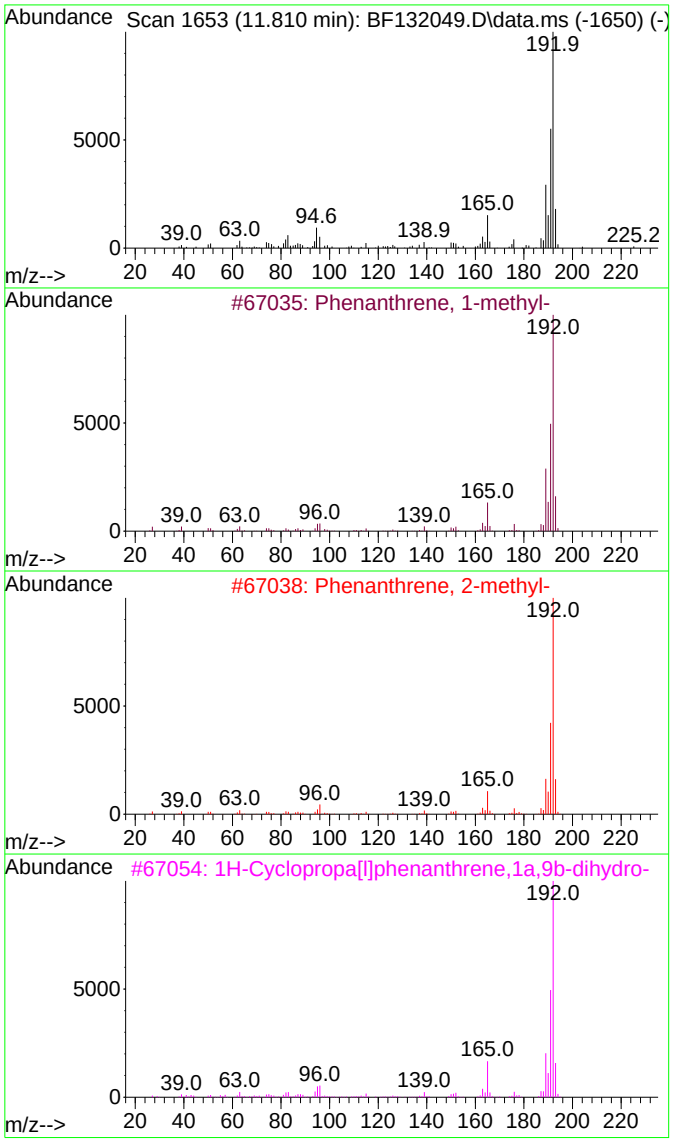
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

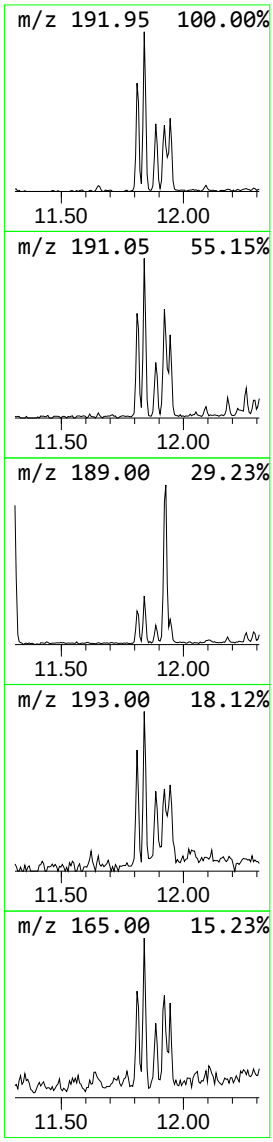
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	3.60 ng	80943	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132049.D
Acq On : 12 Jan 2023 19:18
Operator : CG\JU
Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

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

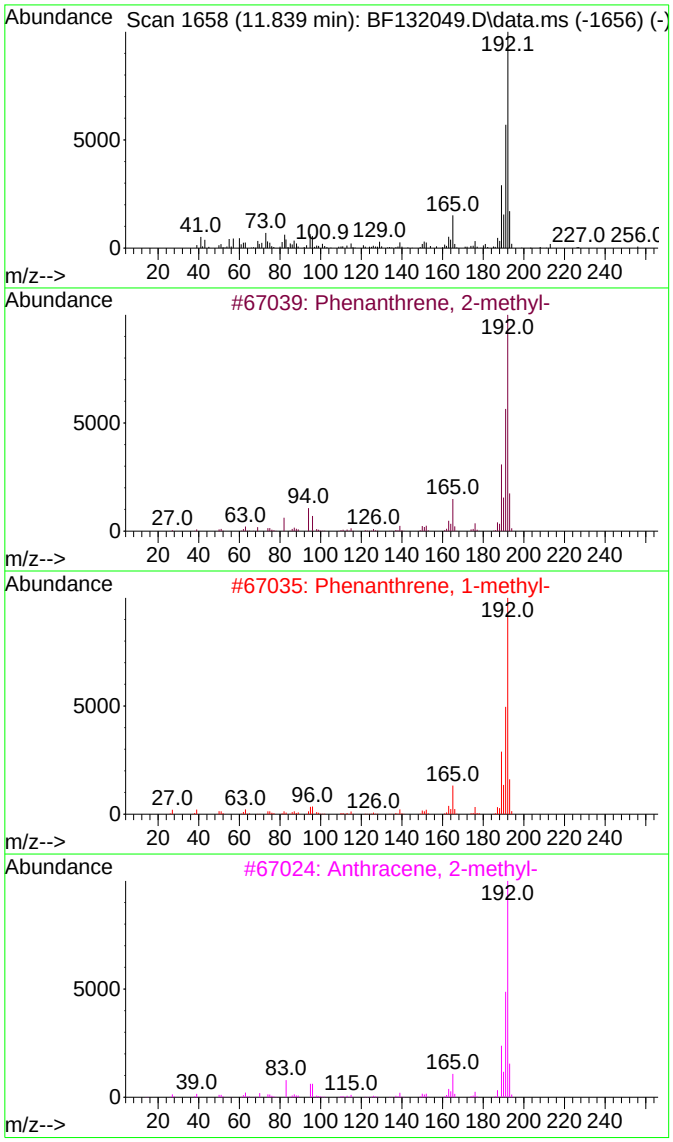
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

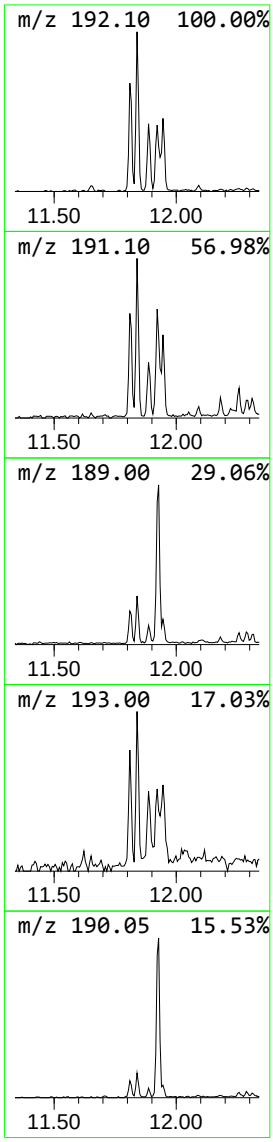
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	4.98 ng	111961	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132049.D
Acq On : 12 Jan 2023 19:18
Operator : CG\JU
Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

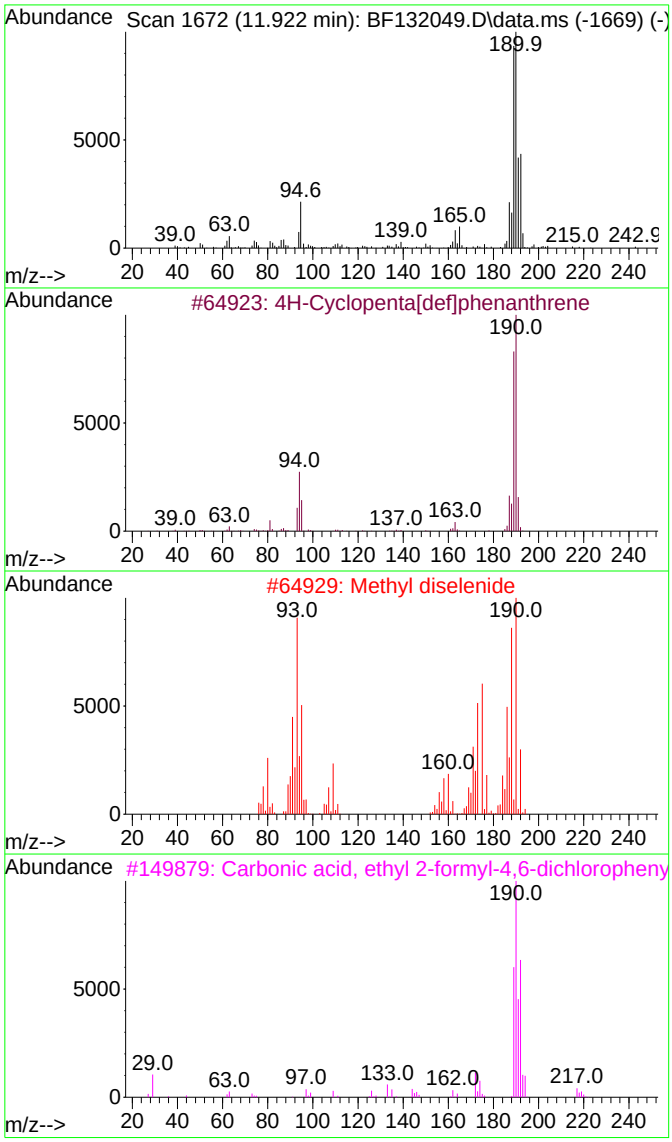
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

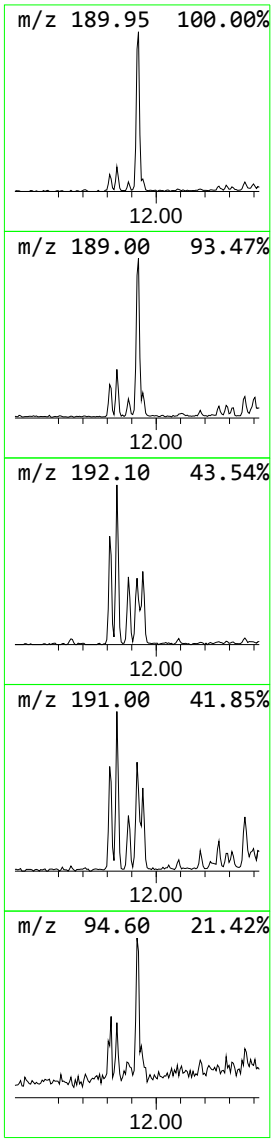
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	7.80 ng	175563	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	Methyl diselenide	190	C2H6Se2	007101-31-7	41
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132049.D
Acq On : 12 Jan 2023 19:18
Operator : CG\JU
Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

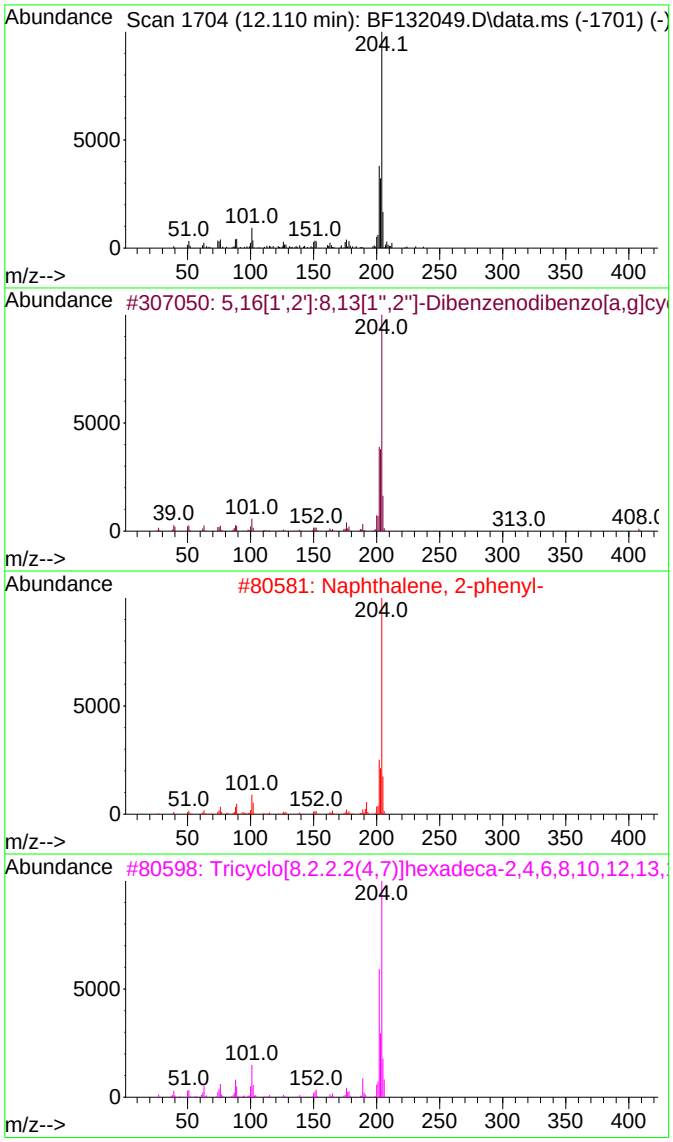
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

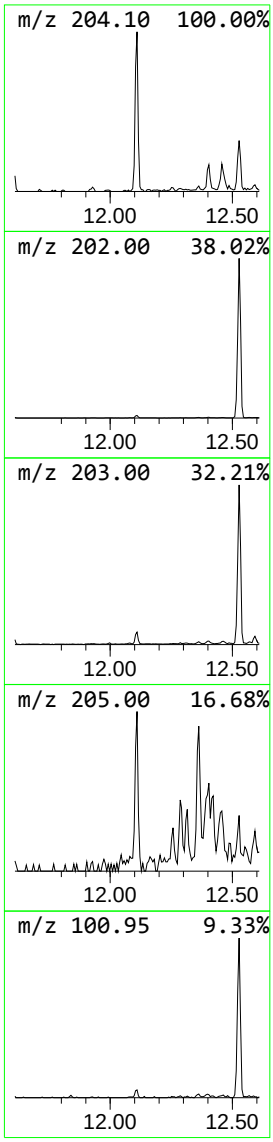
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	2.54 ng	57106	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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Data File : BF132049.D
Acq On : 12 Jan 2023 19:18
Operator : CG\JU
Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

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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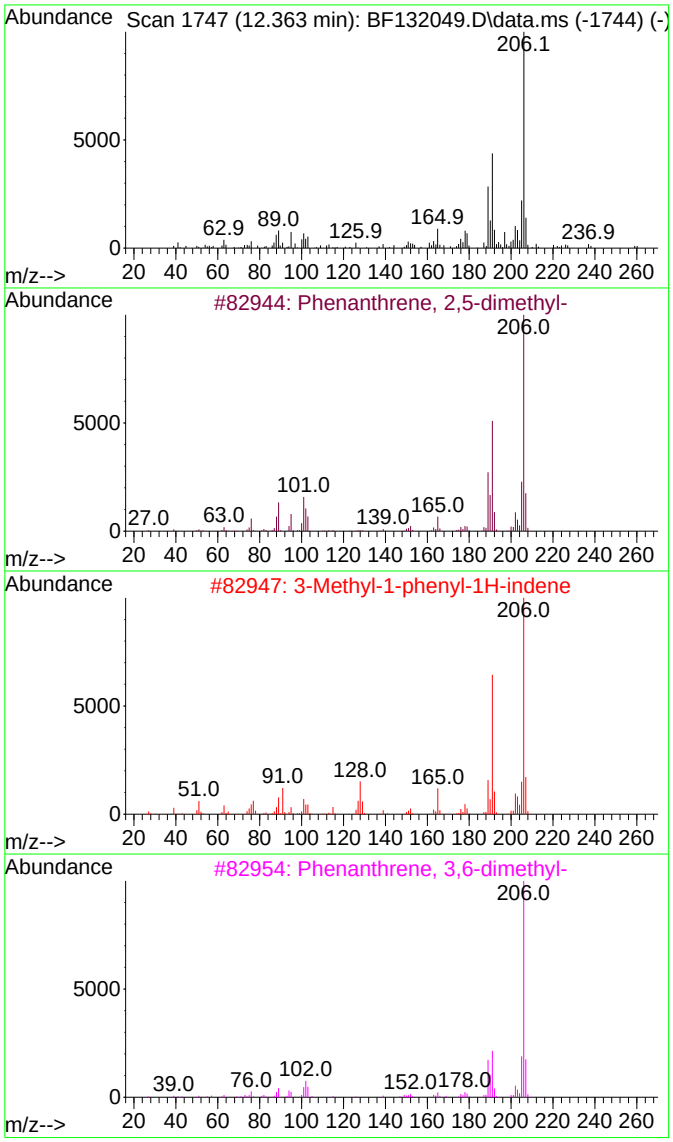
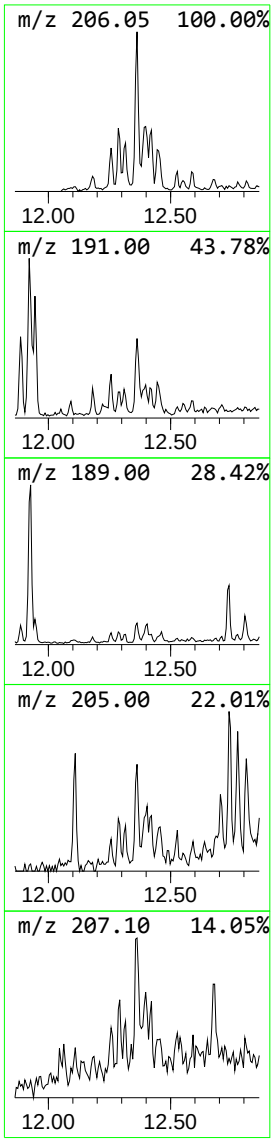
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	2.83 ng	63742	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





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Operator : CG\JU
Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

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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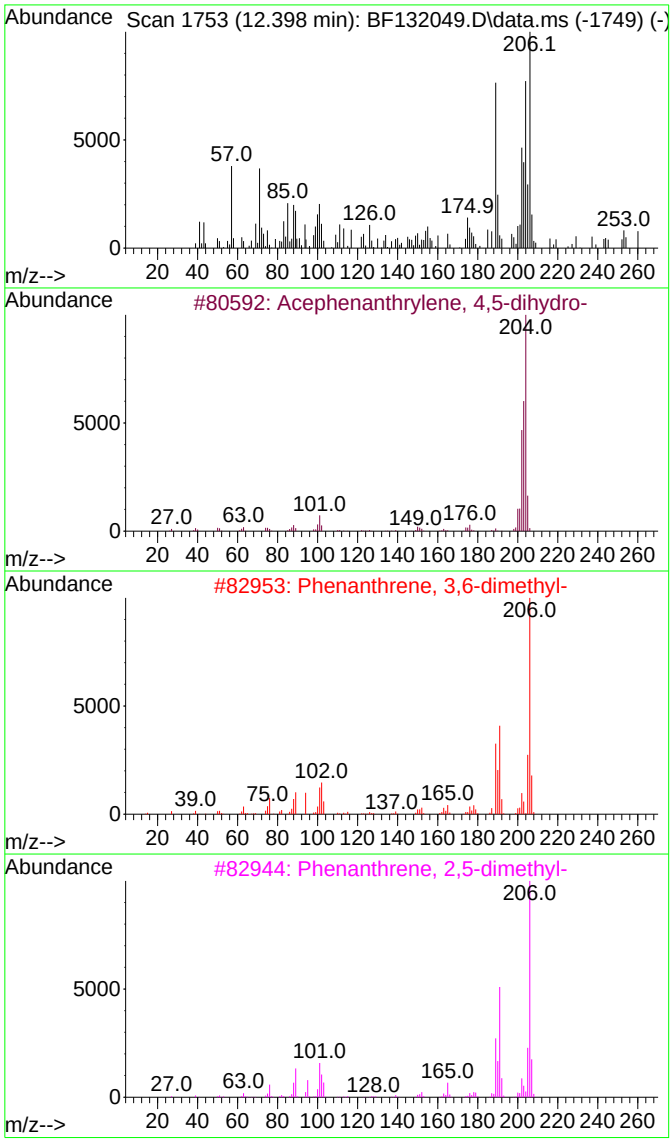
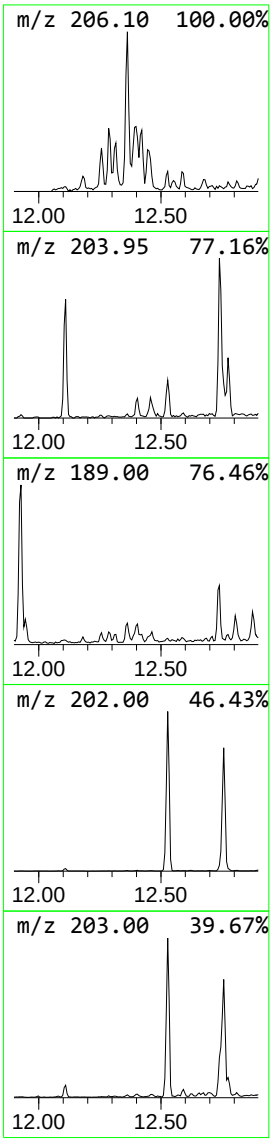
Peak Number 10 unknown12.398 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	2.54 ng	57214	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	30
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	22
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	18





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ClientSampleId :
MH-4

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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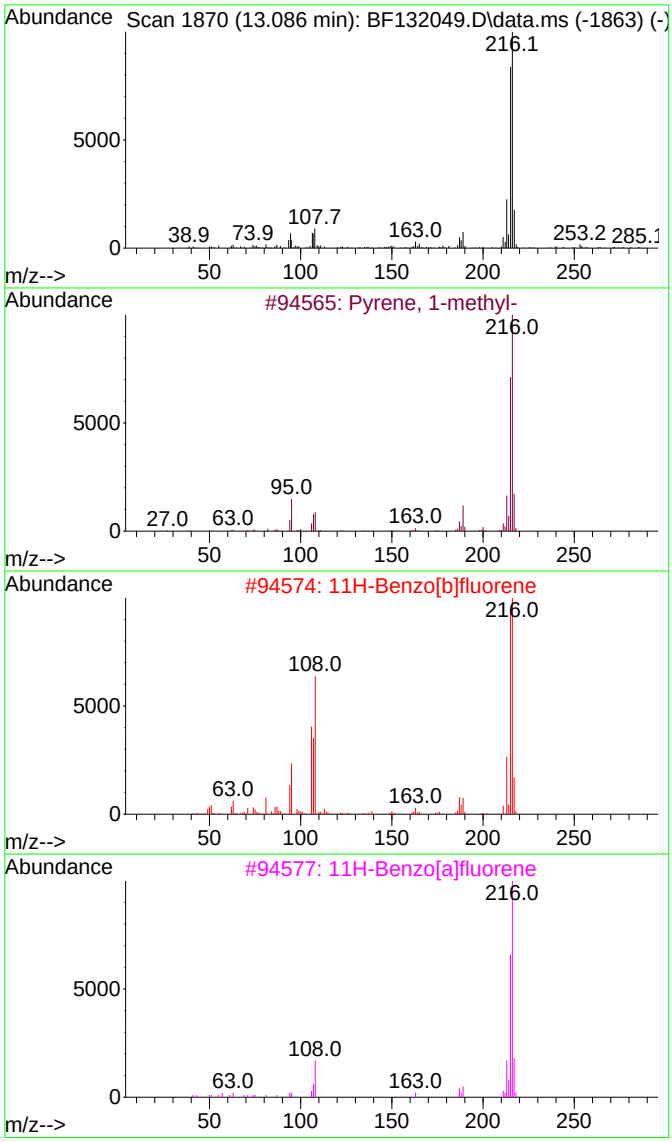
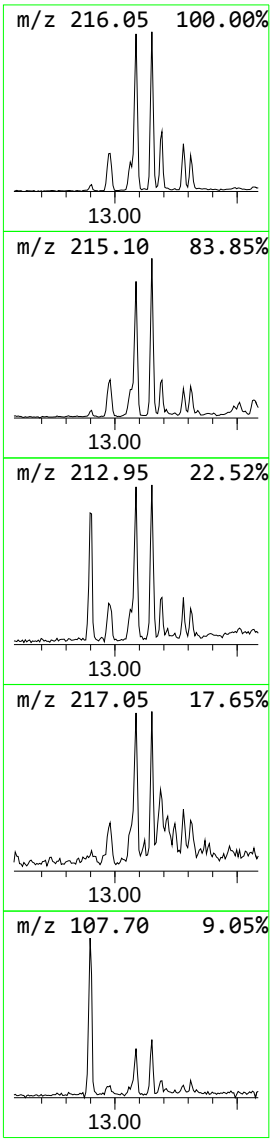
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	5.29 ng	235068	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	: 4-((2-Methylphenyl)diazenyl)-1...	216	C10H12N6	057770-59-9	83





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Acq On : 12 Jan 2023 19:18
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Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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BNA_F
ClientSampleId :
MH-4

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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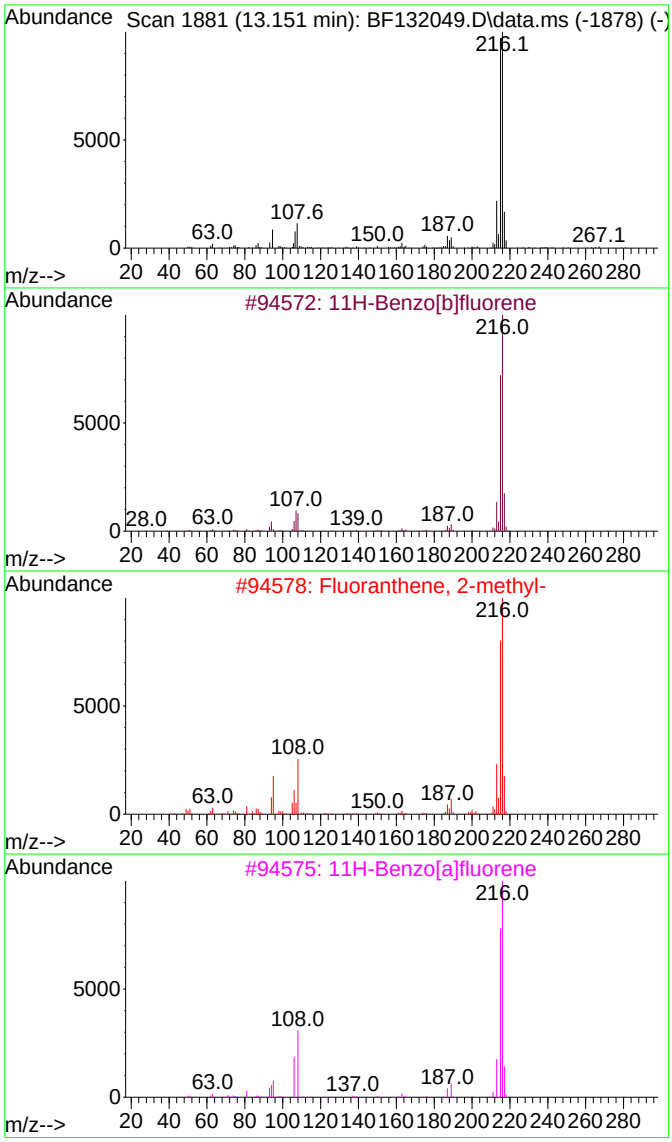
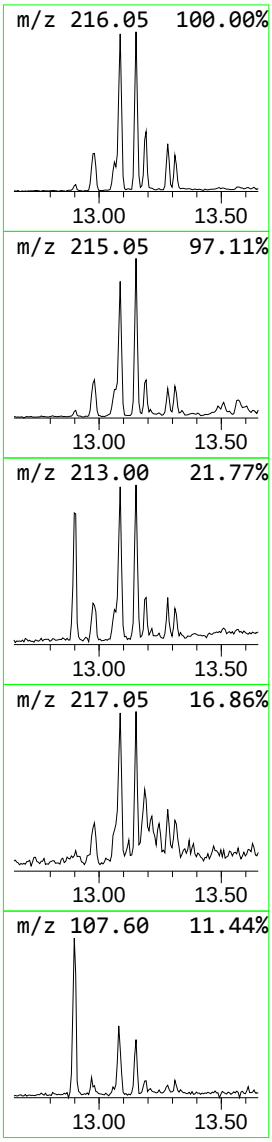
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	3.26 ng	144921	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
5	4-Trifluoromethylcinnamic acid	216	C10H7F3O2	002062-26-2	59





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Acq On : 12 Jan 2023 19:18
Operator : CG\JU
Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

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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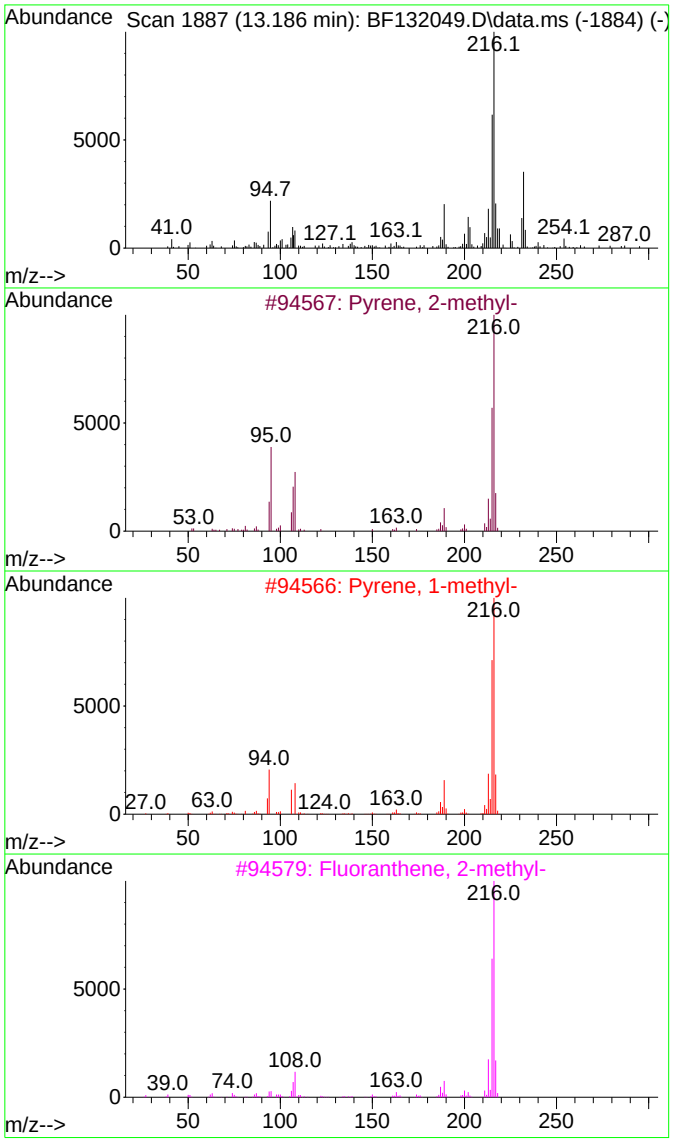
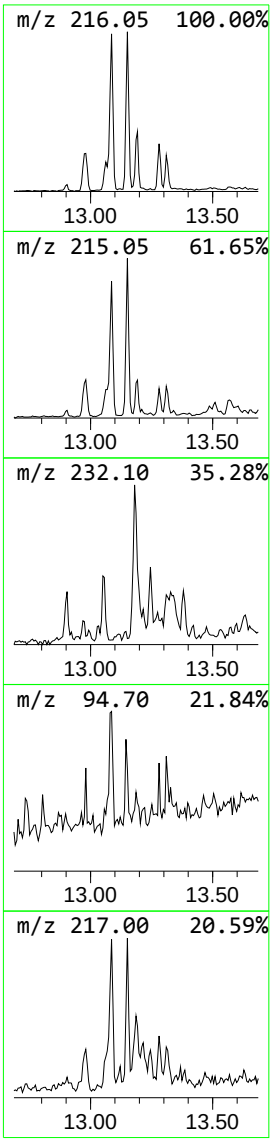
Peak Number 13 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	2.18 ng	96751	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	53
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	53
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	52





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Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

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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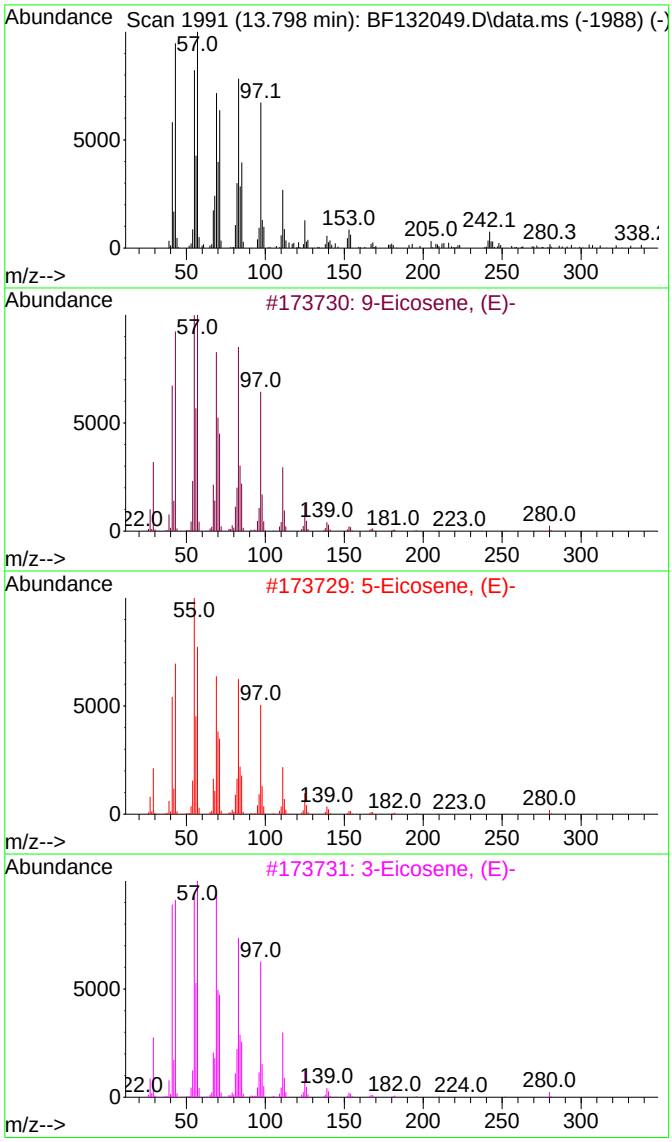
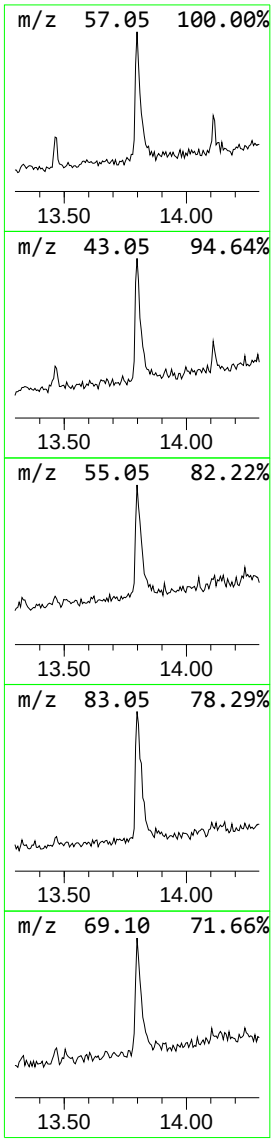
Peak Number 14 9-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	6.22 ng	276744	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	95
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91





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Acq On : 12 Jan 2023 19:18
Operator : CG\JU
Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

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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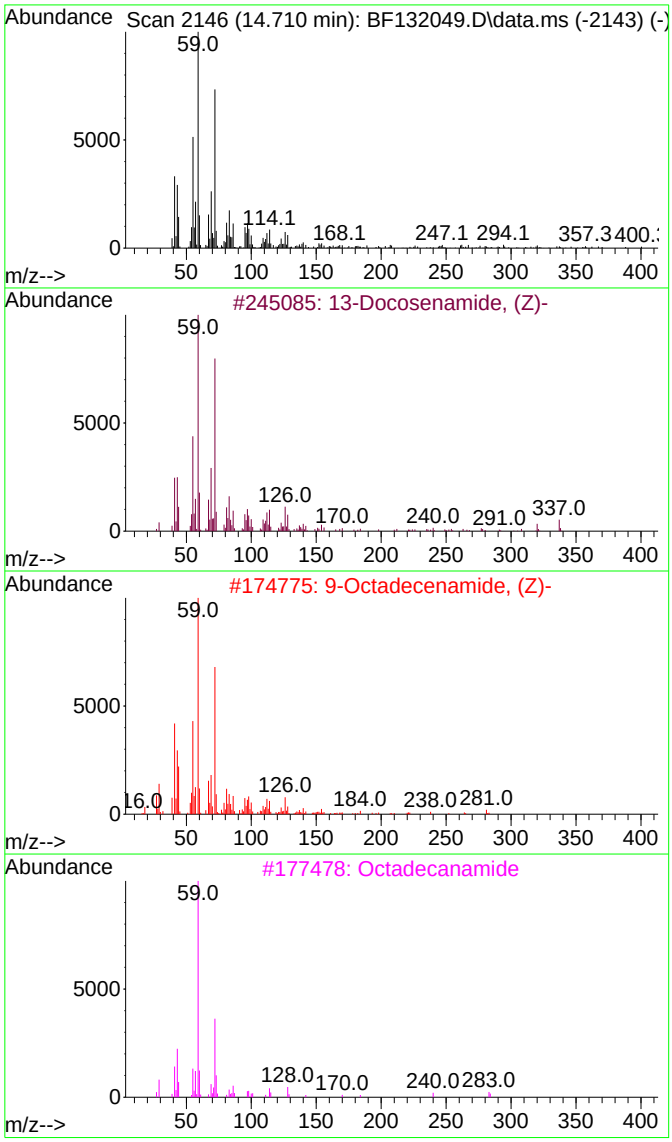
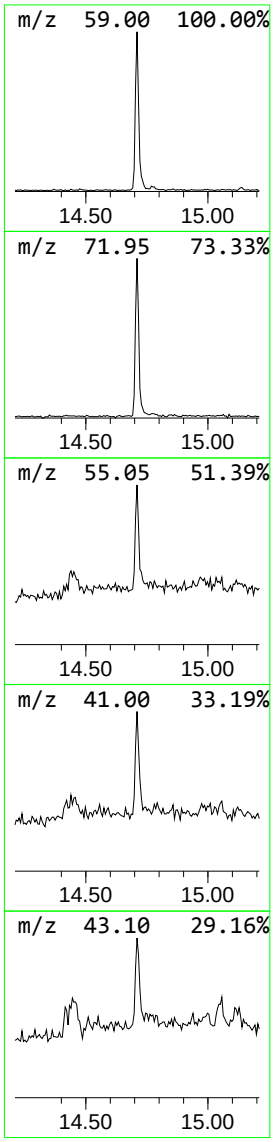
Peak Number 15 13-Docosenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.710	15.36 ng	223522	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	98
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
3	Octadecanamide	283	C18H37NO	000124-26-5	87
4	Hexadecanamide	255	C16H33NO	000629-54-9	53
5	Cyclopentanecarboxamide, N-propy...	267	C17H33NO	1000437-86-5	38





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Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

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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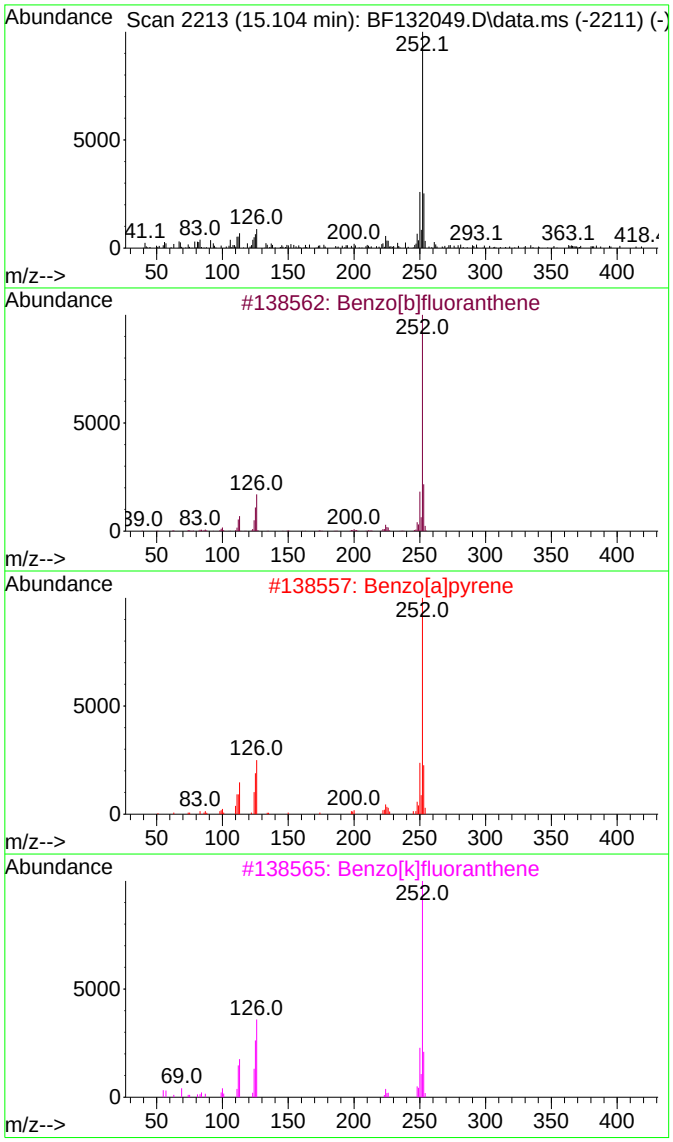
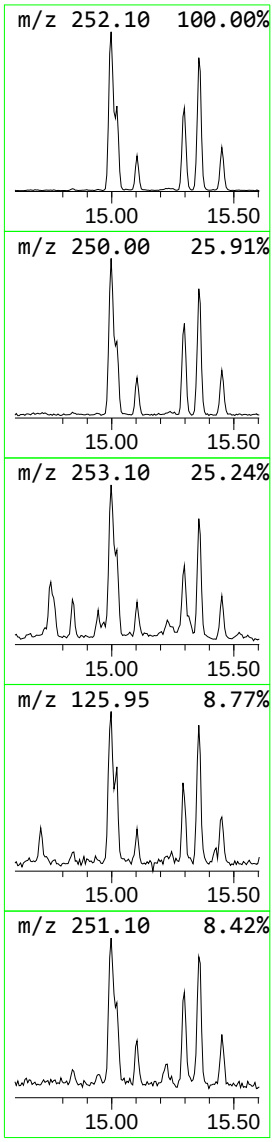
Peak Number 16 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	9.55 ng	138990	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	89
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	80





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Operator : CG\JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

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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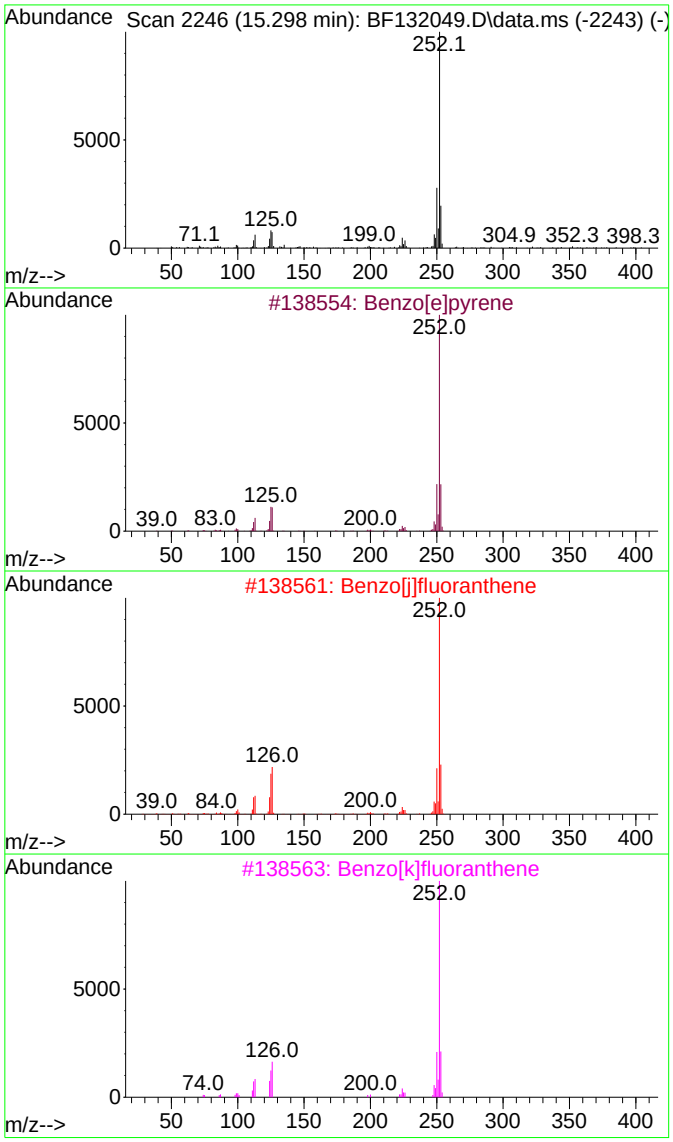
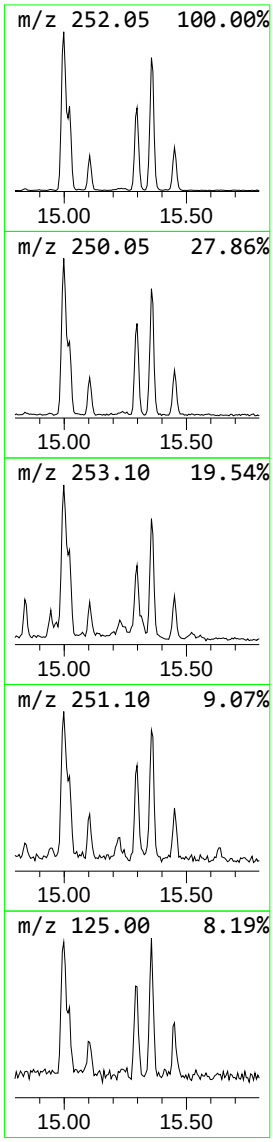
Peak Number 17 Benzo[j]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	13.31 ng	193688	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132049.D
Acq On : 12 Jan 2023 19:18
Operator : CG\JU
Sample : 01124-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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	46.0	ng	895095	1	6.769	389367	20.0
Benzophenone	10.539	18.5	ng	427239	3	9.816	462892	20.0
Dibenzothiophene	11.204	2.8	ng	62488	4	11.310	449989	20.0
5H-Indeno[1,2-b...	11.545	2.0	ng	46091	4	11.310	449989	20.0
Phenanthrene, 1...	11.810	3.6	ng	80943	4	11.310	449989	20.0
Phenanthrene, 2...	11.839	5.0	ng	111961	4	11.310	449989	20.0
4H-Cyclopenta[d...	11.922	7.8	ng	175563	4	11.310	449989	20.0
5,16[1',2']:8,1...	12.110	2.5	ng	57106	4	11.310	449989	20.0
Phenanthrene, 2...	12.363	2.8	ng	63742	4	11.310	449989	20.0
unknown12.398	12.398	2.5	ng	57214	4	11.310	449989	20.0
Pyrene, 1-methyl-	13.086	5.3	ng	235068	5	13.957	889295	20.0
11H-Benzo[b]flu...	13.151	3.3	ng	144921	5	13.957	889295	20.0
Pyrene, 2-methyl-	13.186	2.2	ng	96751	5	13.957	889295	20.0
9-Eicosene, (E)-	13.798	6.2	ng	276744	5	13.957	889295	20.0
13-Docosenamide...	14.710	15.4	ng	223522	6	15.421	291125	20.0
Benzo[e]pyrene	15.104	9.6	ng	138990	6	15.421	291125	20.0
Benzo[j]fluoran...	15.298	13.3	ng	193688	6	15.421	291125	20.0