LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133716.D
Acq On : 12 Jun 2023 21:47
Operator : CG\JU
Sample : 03044-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-5.0-7.0

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133716.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.034	498	501	506	rVB	17131	18239	1.10%	0.098%
2	5.440	566	570	574	rBV	1039935	1015245	61.28%	5.472%
3	6.457	739	743	746	rBV	1108441	1025632	61.91%	5.528%
4	6.834	803	807	810	rBV	491707	385125	23.25%	2.076%
5	7.392	898	902	905	rBV	766886	595531	35.95%	3.210%
6	8.116	1022	1025	1028	rBV	566659	439908	26.55%	2.371%
7	8.139	1028	1029	1032	rVB	38627	19002	1.15%	0.102%
8	8.828	1143	1146	1150	rVB2	24178	21218	1.28%	0.114%
9	9.192	1204	1208	1211	rBV	1357614	1073876	64.82%	5.788%
10	9.733	1297	1300	1304	rBV	29512	25454	1.54%	0.137%
11	9.875	1320	1324	1327	rVV	524330	438909	26.49%	2.366%
12	9.904	1327	1329	1333	rVB	97948	73330	4.43%	0.395%
13	10.075	1354	1358	1362	rBV	53395	50629	3.06%	0.273%
14	10.422	1413	1417	1422	rVB2	83593	78229	4.72%	0.422%
15	10.580	1441	1444	1447	rVB	92736	89085	5.38%	0.480%
16	10.663	1454	1458	1462	rBV	830922	730477	44.09%	3.937%
17	10.786	1473	1479	1484	rBV4	28539	39287	2.37%	0.212%
18	10.969	1503	1510	1513	rBV3	28672	38974	2.35%	0.210%
19	11.098	1527	1532	1534	rBV3	21824	25929	1.57%	0.140%
20	11.163	1540	1543	1548	rVB2	30694	28393	1.71%	0.153%
21	11.210	1548	1551	1552	rVV	22677	22901	1.38%	0.123%
22	11.257	1556	1559	1565	rVB	61853	57190	3.45%	0.308%
23	11.363	1574	1577	1579	rBV	594766	510416	30.81%	2.751%
24	11.386	1579	1581	1584	rVV	1057796	814615	49.17%	4.390%
25	11.439	1585	1590	1593	rVV	340433	288929	17.44%	1.557%
26	11.469	1593	1595	1598	rVB2	29941	28457	1.72%	0.153%
27	11.592	1610	1616	1619	rBV	111232	122090	7.37%	0.658%
28	11.657	1624	1627	1630	rVV2	41376	39329	2.37%	0.212%
29	11.692	1630	1633	1637	rVB4	21309	25267	1.53%	0.136%
30	11.863	1659	1662	1664	rBV	121473	102636	6.20%	0.553%
31	11.892	1664	1667	1671	rVB2	238267	228033	13.76%	1.229%
32	11.939	1672	1675	1678	rVB	92185	73200	4.42%	0.395%
33	11.974	1678	1681	1684	rBV	230081	259159	15.64%	1.397%
34	12.069	1694	1697	1699	rVB3	19340	20480	1.24%	0.110%
35	12.163	1710	1713	1715	rBV	112562	95832	5.78%	0.516%
36	12.186	1715	1717	1720	rVB	74430	59386	3.58%	0.320%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133716.D
Acq On : 12 Jun 2023 21:47
Operator : CG\JU
Sample : 03044-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-5.0-7.0

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.310	1736	1738	1740	rVB	39179	28968	1.75%	0.156%
38	12.339	1741	1743	1745	rBV	36964	27309	1.65%	0.147%
39	12.363	1745	1747	1750	rVB2	33783	28773	1.74%	0.155%
40	12.416	1752	1756	1759	rBV	103730	117400	7.09%	0.633%
41	12.451	1759	1762	1765	rVV2	63942	79994	4.83%	0.431%
42	12.504	1768	1771	1776	rBV2	63689	77979	4.71%	0.420%
43	12.580	1780	1784	1788	rBV	1719668	1561120	94.23%	8.414%
44	12.621	1788	1791	1793	rBV	26890	29715	1.79%	0.160%
45	12.674	1797	1800	1802	rVB3	35095	31650	1.91%	0.171%
46	12.733	1802	1810	1812	rBV3	57980	102388	6.18%	0.552%
47	12.810	1817	1823	1829	rBV2	1333692	1656678	100.00%	8.929%
48	12.857	1829	1831	1836	rVB2	66157	70467	4.25%	0.380%
49	12.927	1840	1843	1844	rBV	89828	79169	4.78%	0.427%
50	12.951	1844	1847	1853	rVB	1321558	1148364	69.32%	6.189%
51	13.033	1855	1861	1863	rBV2	101855	172554	10.42%	0.930%
52	13.116	1871	1875	1876	rBV3	72398	88397	5.34%	0.476%
53	13.139	1876	1879	1882	rVB	238457	210088	12.68%	1.132%
54	13.204	1887	1890	1892	rVV	179429	140118	8.46%	0.755%
55	13.239	1892	1896	1899	rBV2	141194	151823	9.16%	0.818%
56	13.333	1910	1912	1914	rVB	82077	54911	3.31%	0.296%
57	13.363	1915	1917	1921	rBV	86039	86315	5.21%	0.465%
58	13.645	1963	1965	1970	rVB	73844	78994	4.77%	0.426%
59	13.786	1987	1989	1991	rVB	99097	64144	3.87%	0.346%
60	13.810	1991	1993	1994	rVV	70674	50187	3.03%	0.270%
61	13.851	1998	2000	2004	rVB	130322	129798	7.83%	0.700%
62	14.004	2022	2026	2029	rBV2	782204	972660	58.71%	5.242%
63	14.039	2029	2032	2038	rVB	554870	539804	32.58%	2.909%
64	14.116	2043	2045	2049	rVB	115054	94236	5.69%	0.508%
65	14.398	2091	2093	2096	rVB	146918	110825	6.69%	0.597%
66	15.051	2200	2204	2207	rBV	385998	563441	34.01%	3.037%
67	15.357	2252	2256	2261	rVB	262128	328112	19.81%	1.768%
68	15.415	2262	2266	2273	rVB	392595	504345	30.44%	2.718%
69	15.480	2274	2277	2280	rBV	191653	213138	12.87%	1.149%

Sum of corrected areas: 18554256

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
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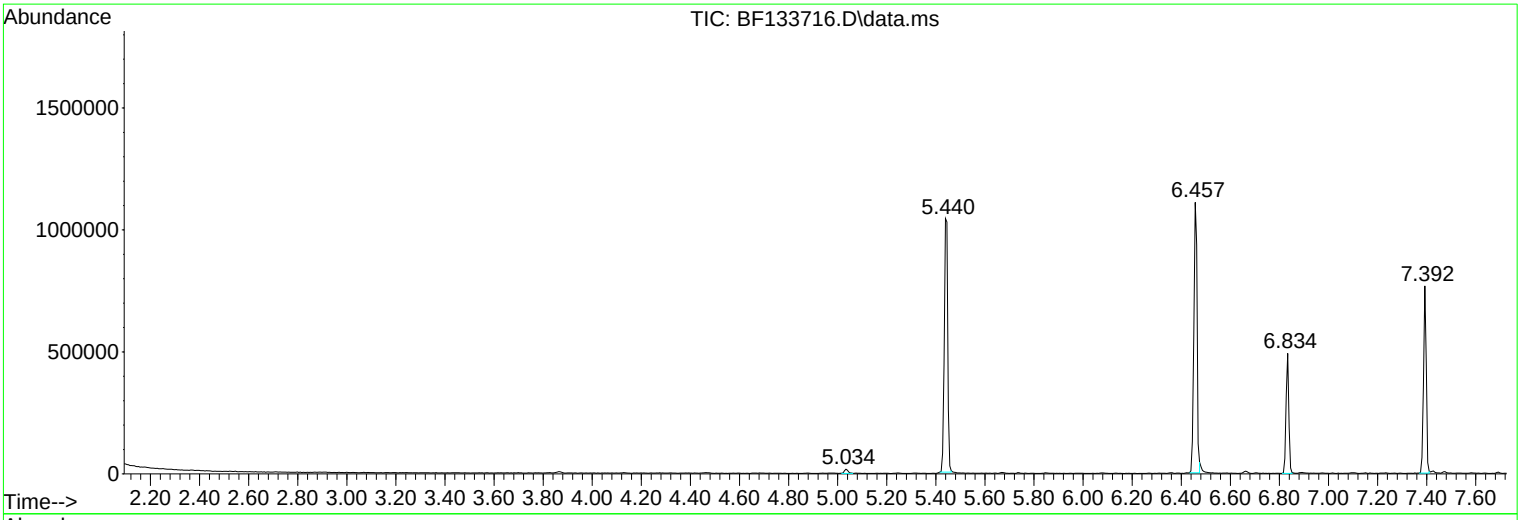
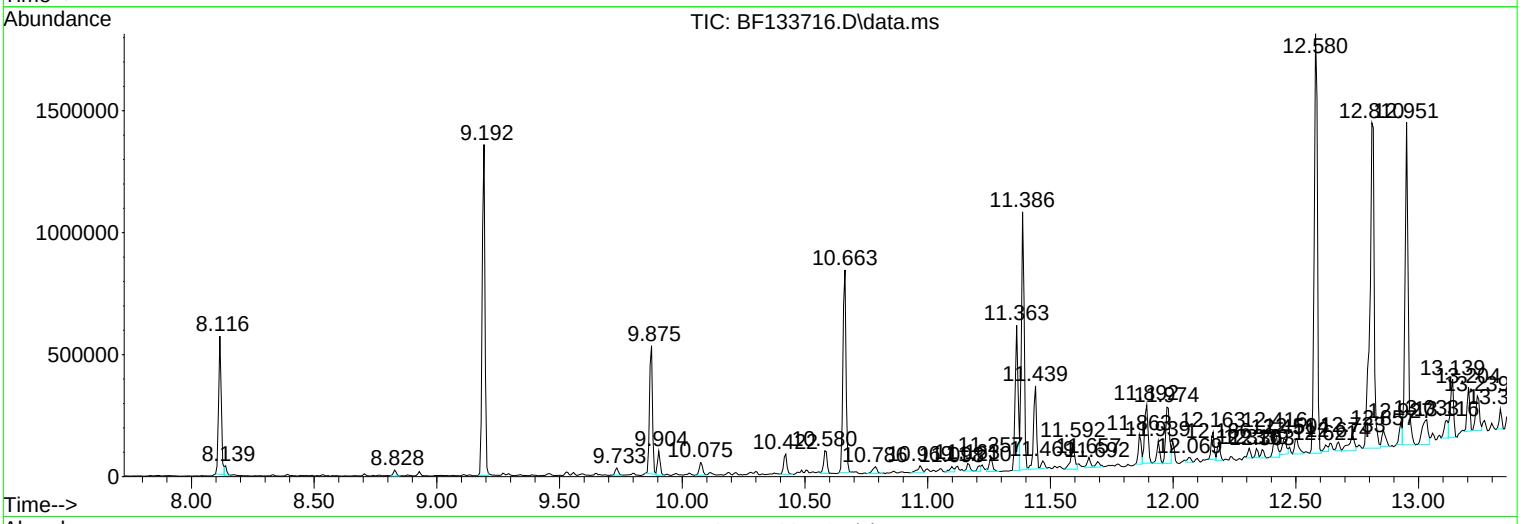
Operator : CG\JU
Sample : 03044-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

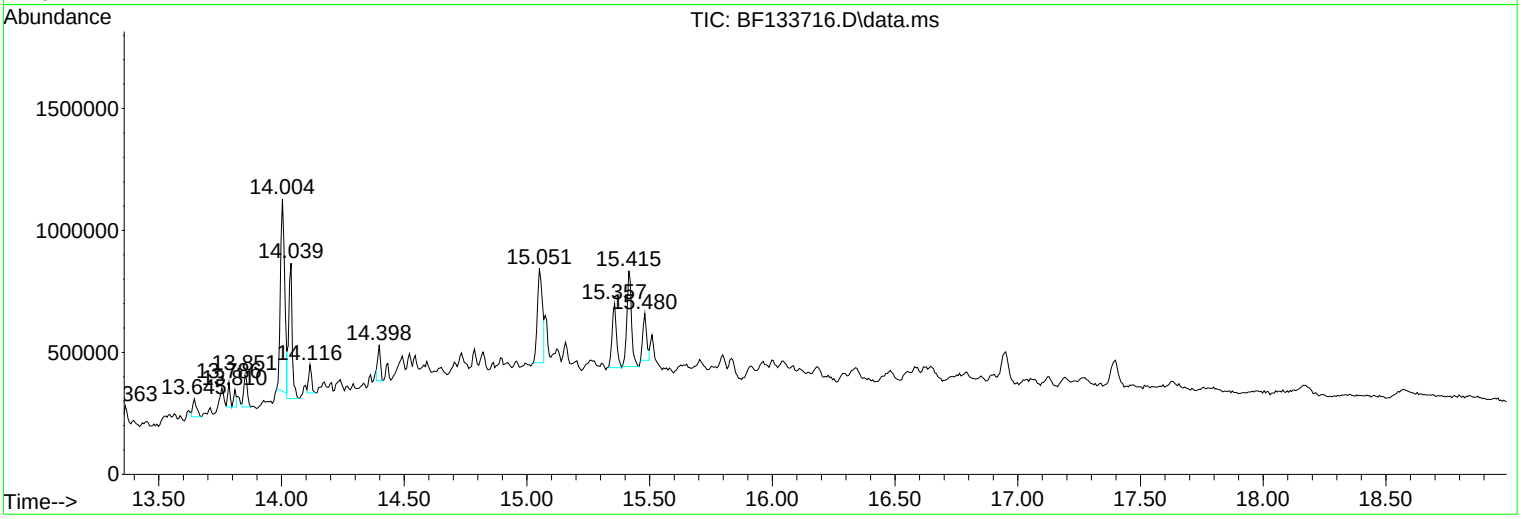
Instrument :
BNA_F
ClientSampleId :
SB-03-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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\BF061223\
Data File : BF133716.D
Acq On : 12 Jun 2023 21:47
Operator : CG\JU
Sample : 03044-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

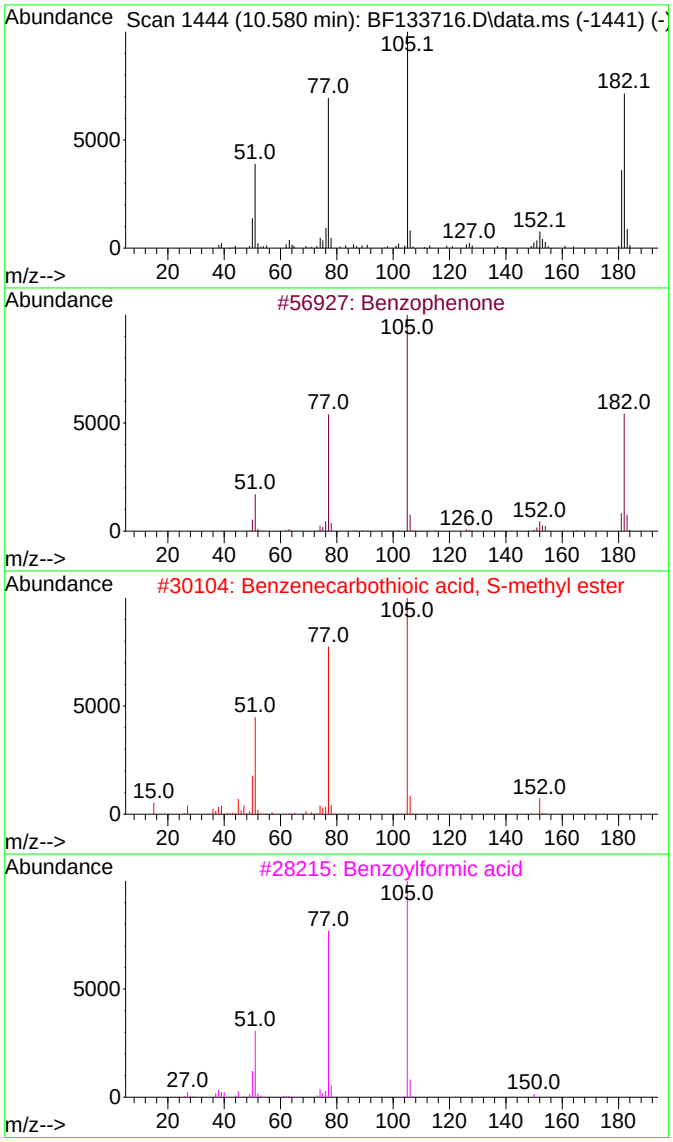
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

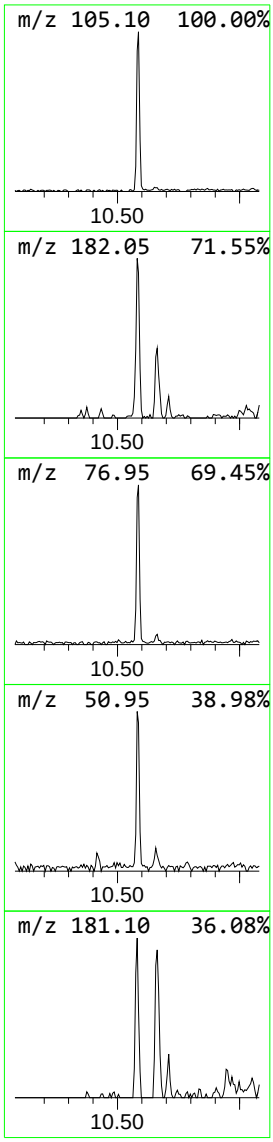
****

Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.580	4.06 ng	89085	Acenaphthene-d10	9.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3	Benzoylformic acid	150	C8H6O3	000611-73-4	49
4	1,2,4-Triazine-3,5(2H,4H)-dione,...	249	C10H7N3O3S	024168-34-1	43
5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133716.D
Acq On : 12 Jun 2023 21:47
Operator : CG\JU
Sample : 03044-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

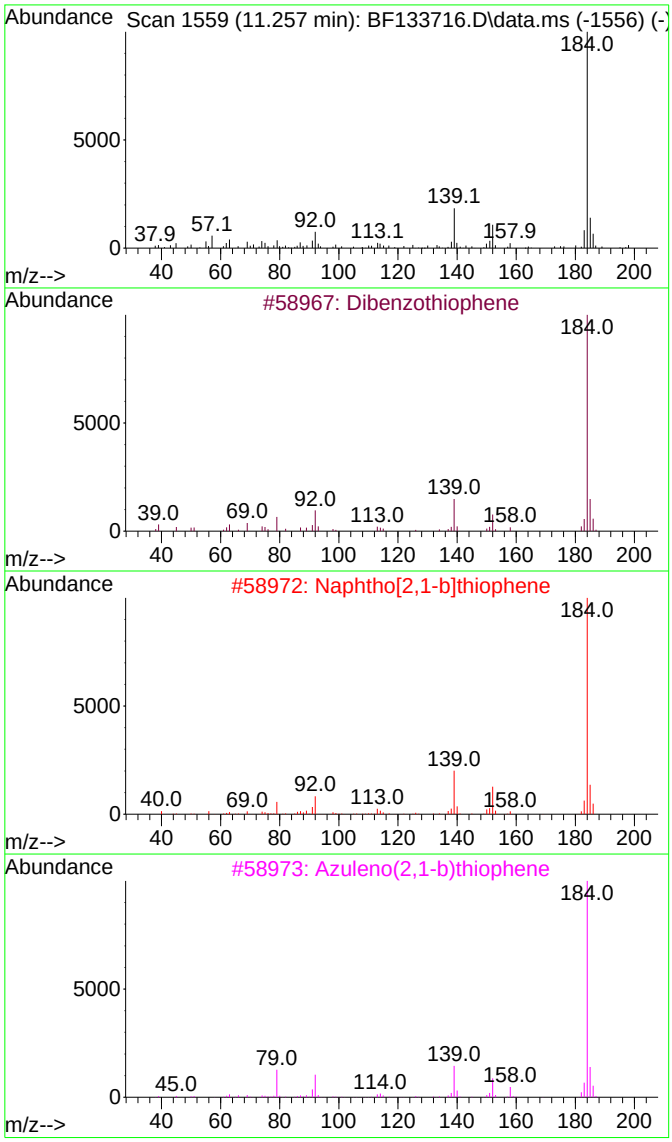
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

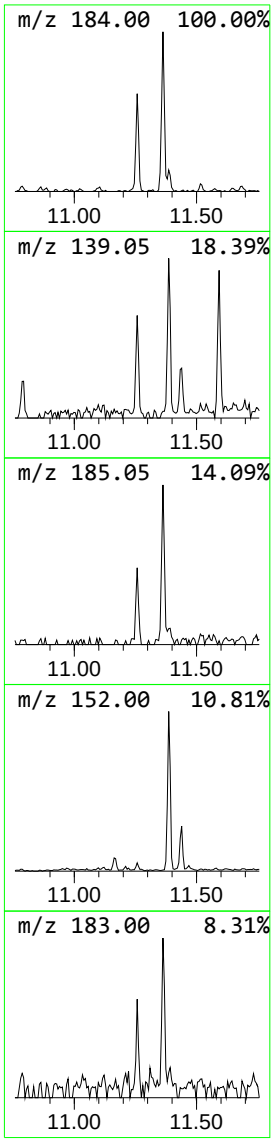
****

Peak Number 3 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	2.24 ng	57190	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
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\BF061223\
Data File : BF133716.D
Acq On : 12 Jun 2023 21:47
Operator : CG\JU
Sample : 03044-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

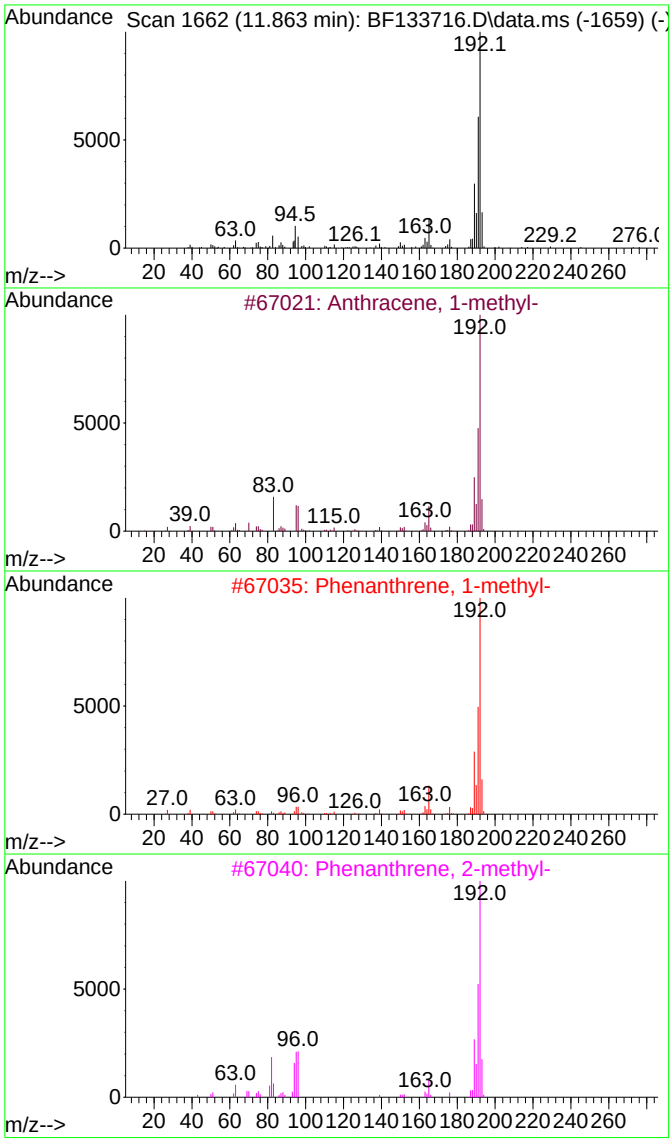
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

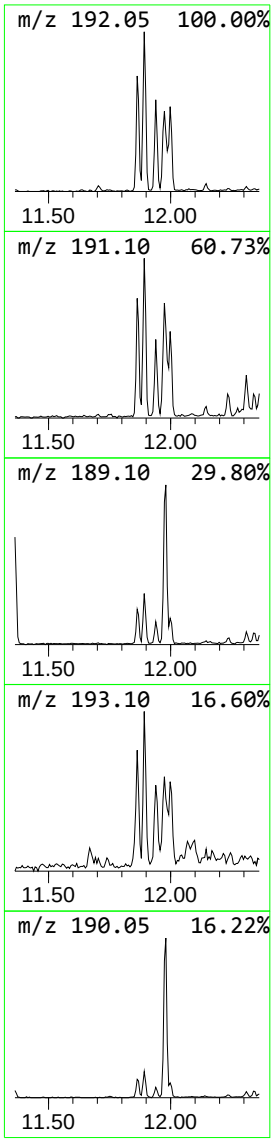
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	4.02 ng	102636	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133716.D
Acq On : 12 Jun 2023 21:47
Operator : CG\JU
Sample : 03044-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

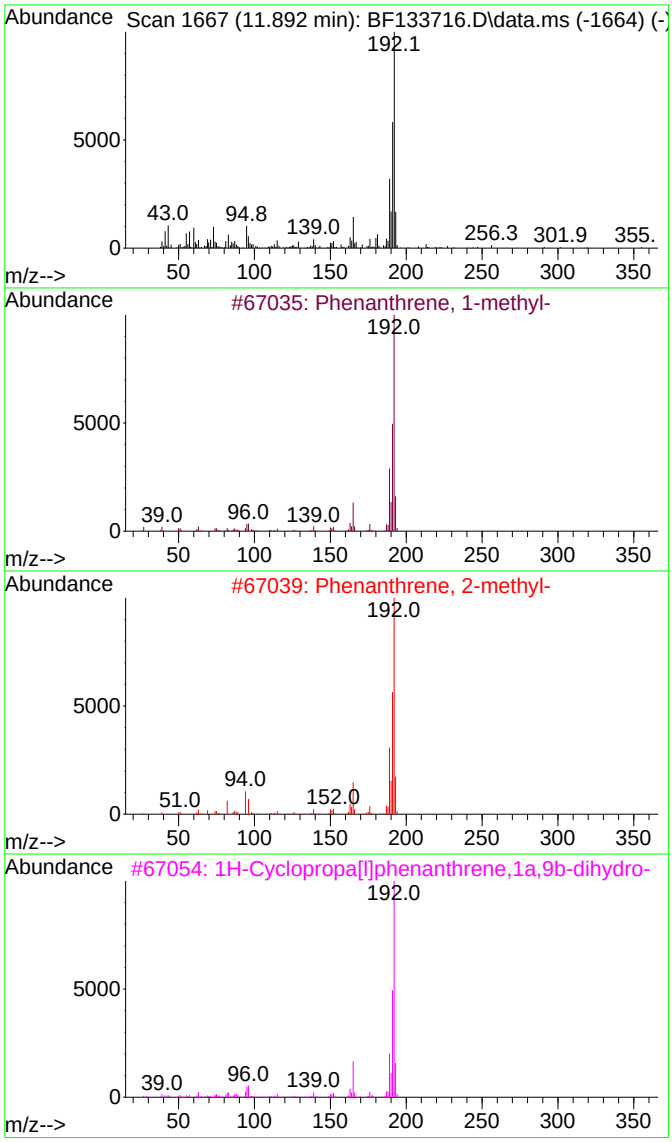
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

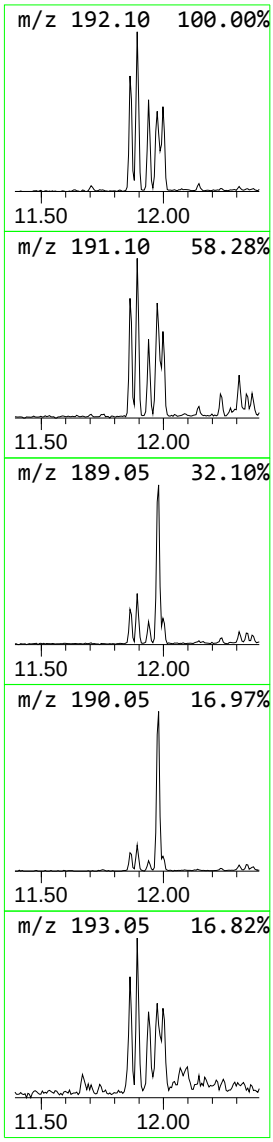
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	8.94 ng	228033	Phenanthrene-d10	11.363

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133716.D
Acq On : 12 Jun 2023 21:47
Operator : CG\JU
Sample : 03044-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-5.0-7.0

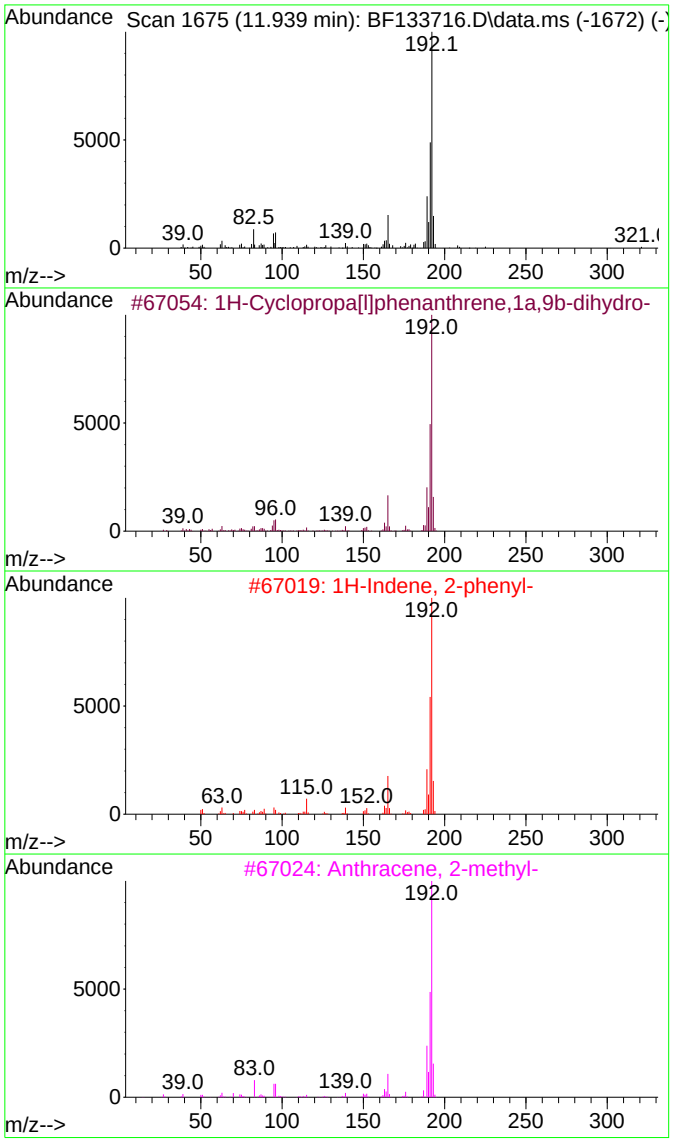
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

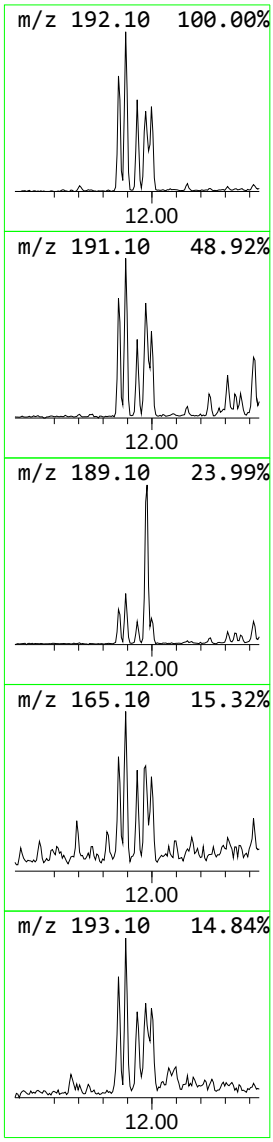
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.87 ng	73200	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133716.D
Acq On : 12 Jun 2023 21:47
Operator : CG\JU
Sample : 03044-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

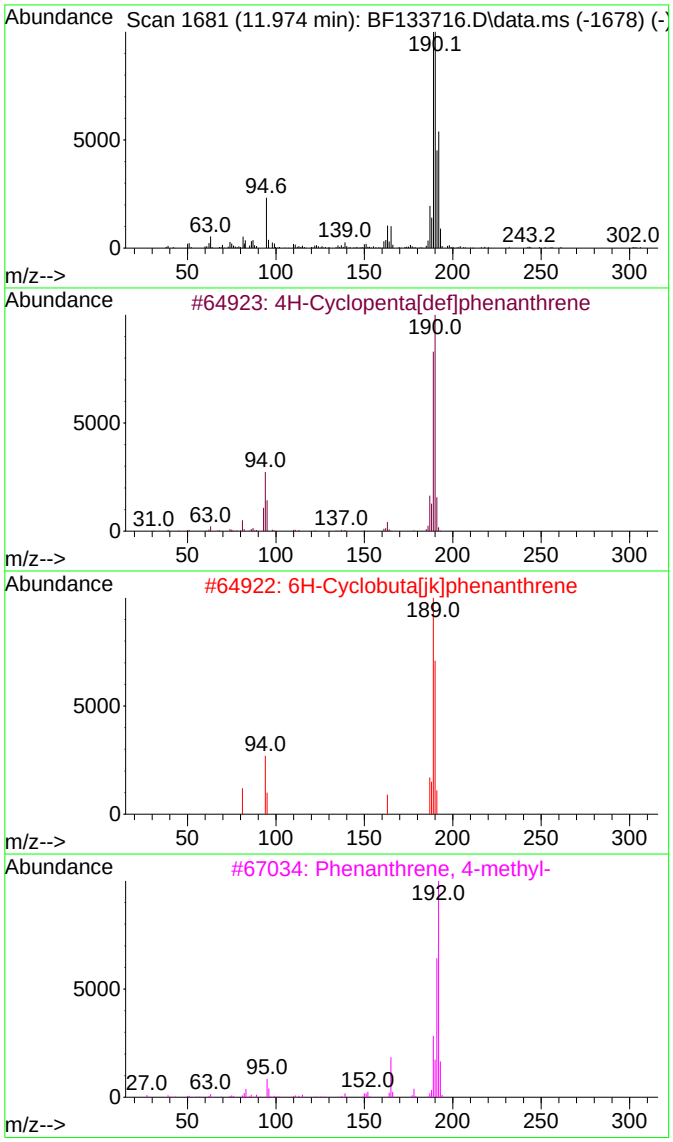
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

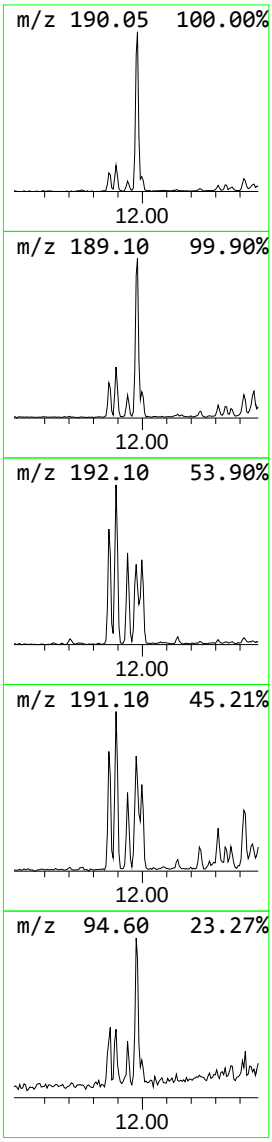
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	10.15 ng	259159	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133716.D
Acq On : 12 Jun 2023 21:47
Operator : CG\JU
Sample : 03044-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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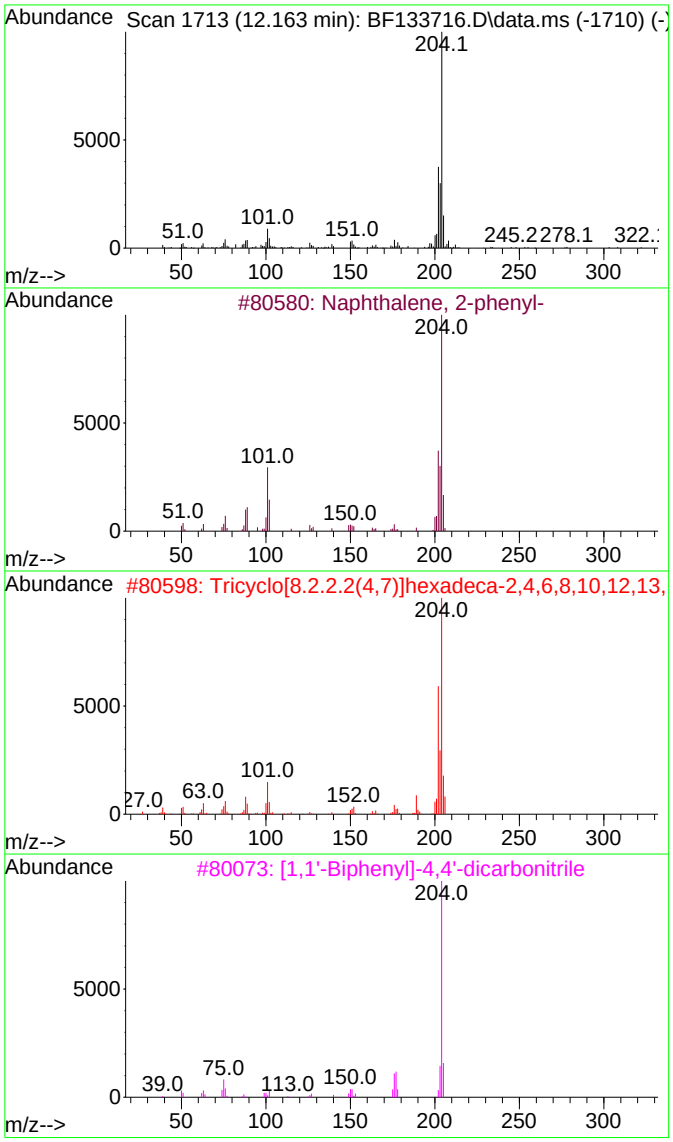
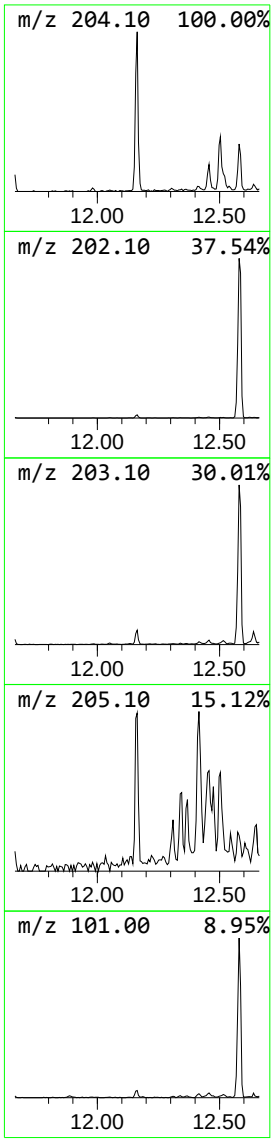
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.163	3.76 ng	95832	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	58
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53





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Misc :
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SB-03-5.0-7.0

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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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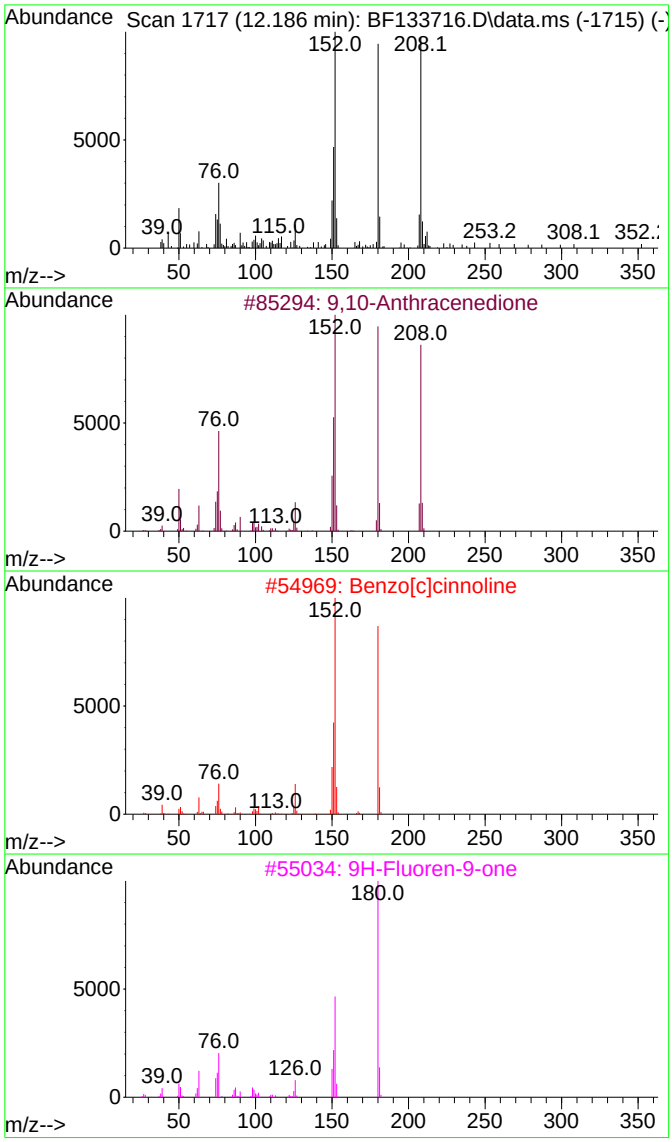
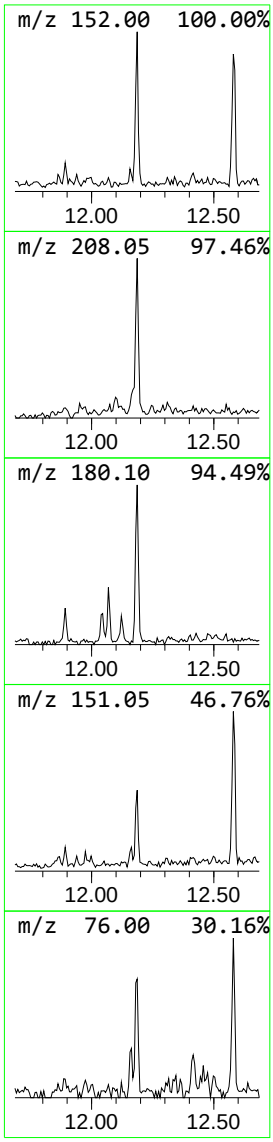
Peak Number 9 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.186	2.33 ng	59386	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	70
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64





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

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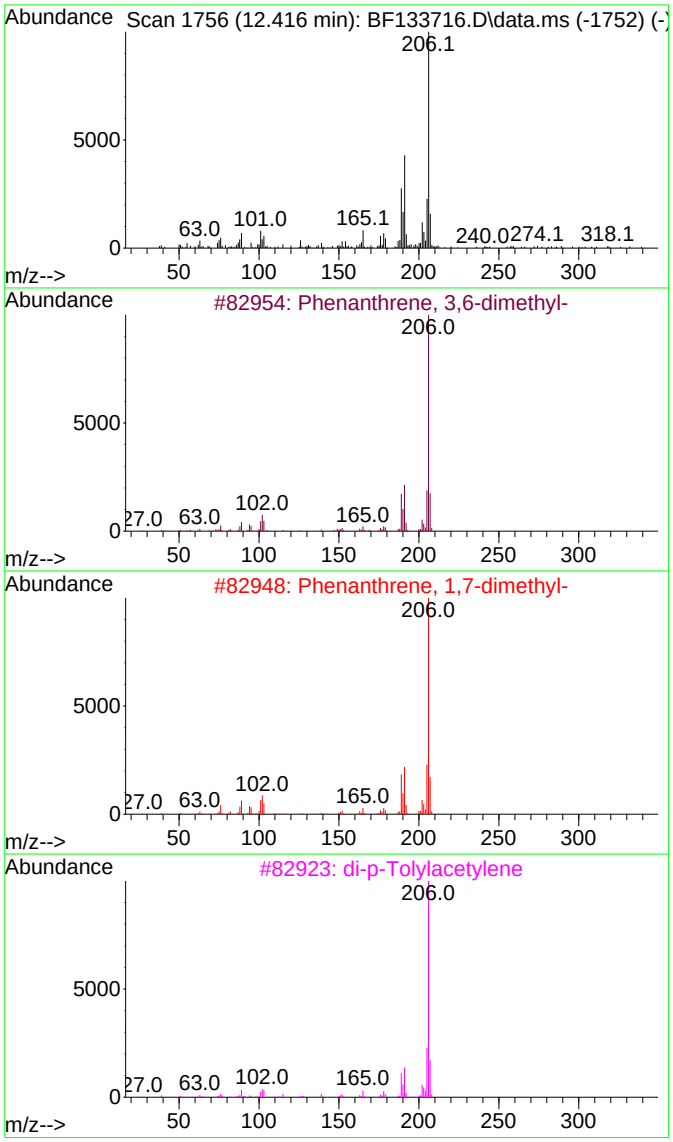
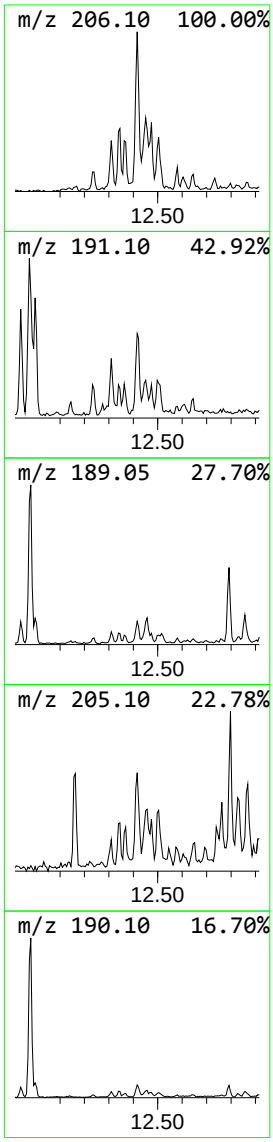
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	4.60 ng	117400	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	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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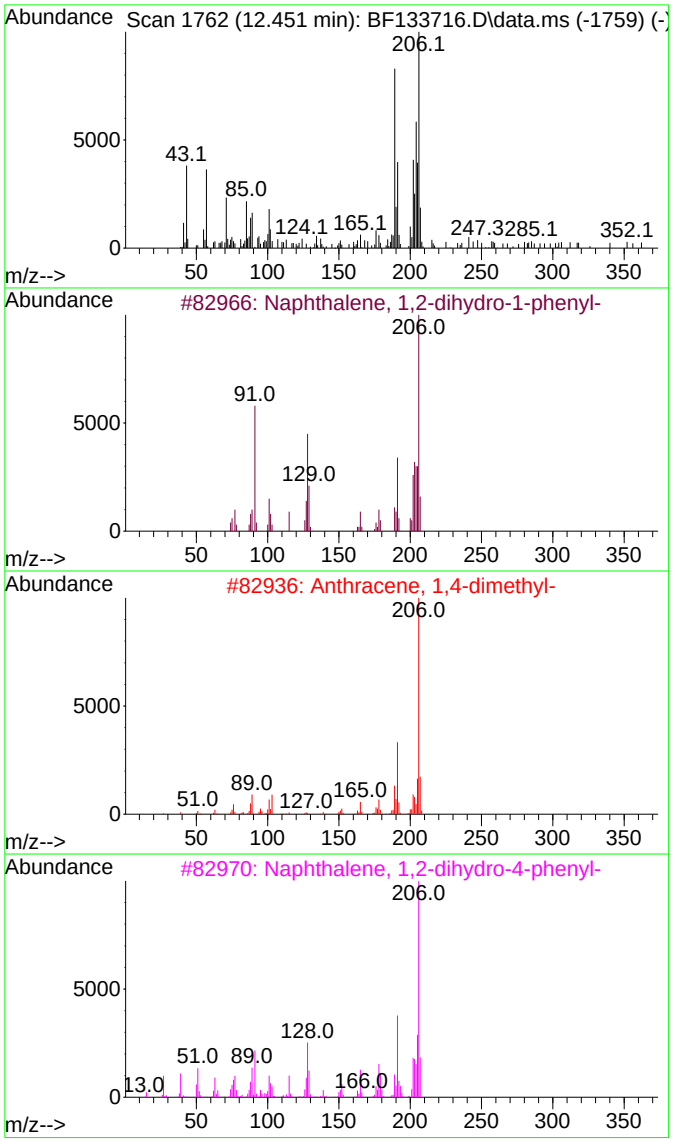
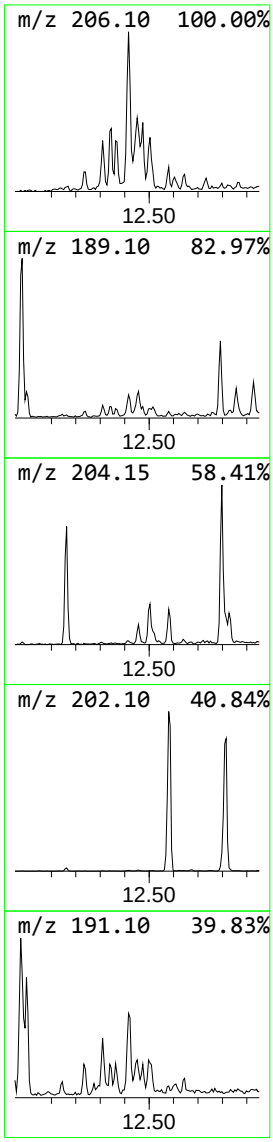
Peak Number 11 unknown12.451 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	3.13 ng	79994	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	38
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	38
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	38
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38





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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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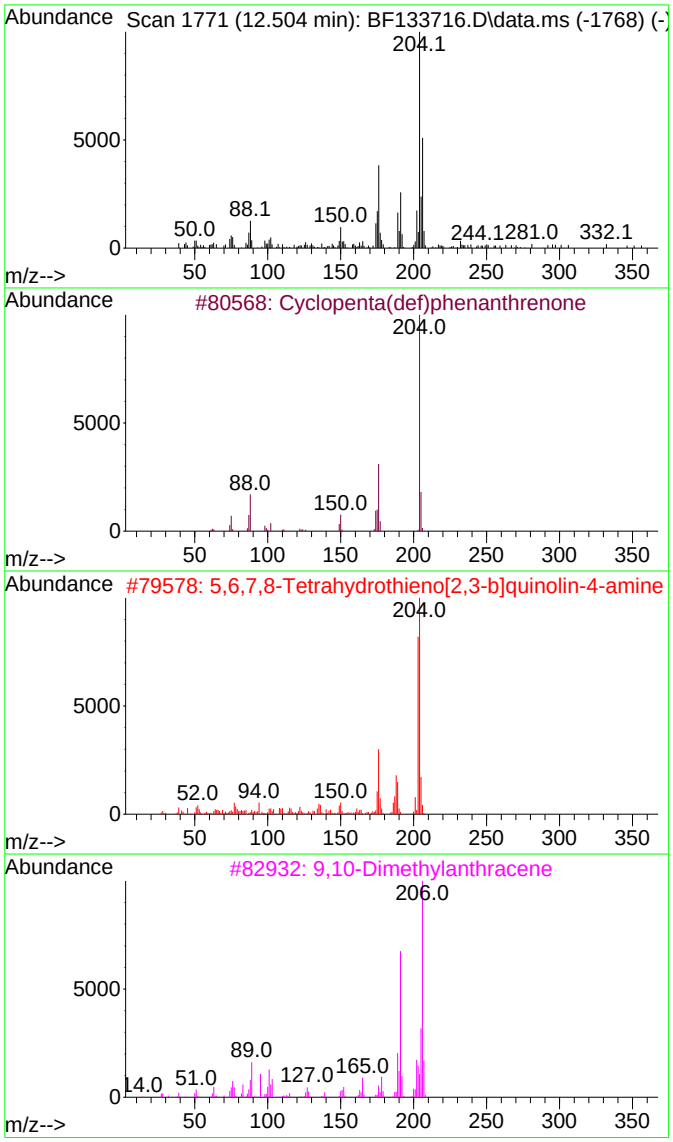
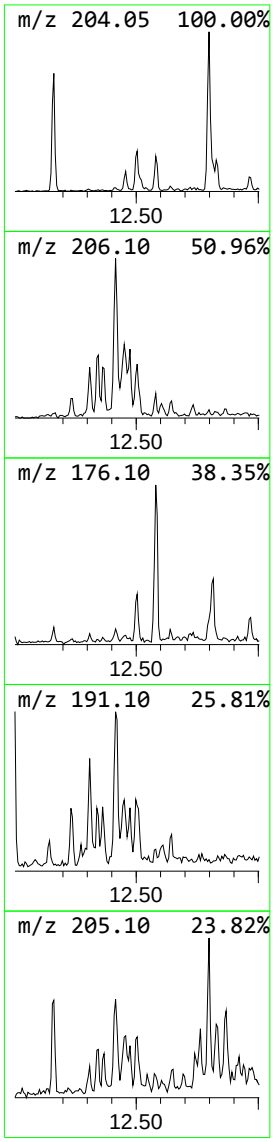
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	3.06 ng	77979	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	78
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	52
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	38
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	27





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

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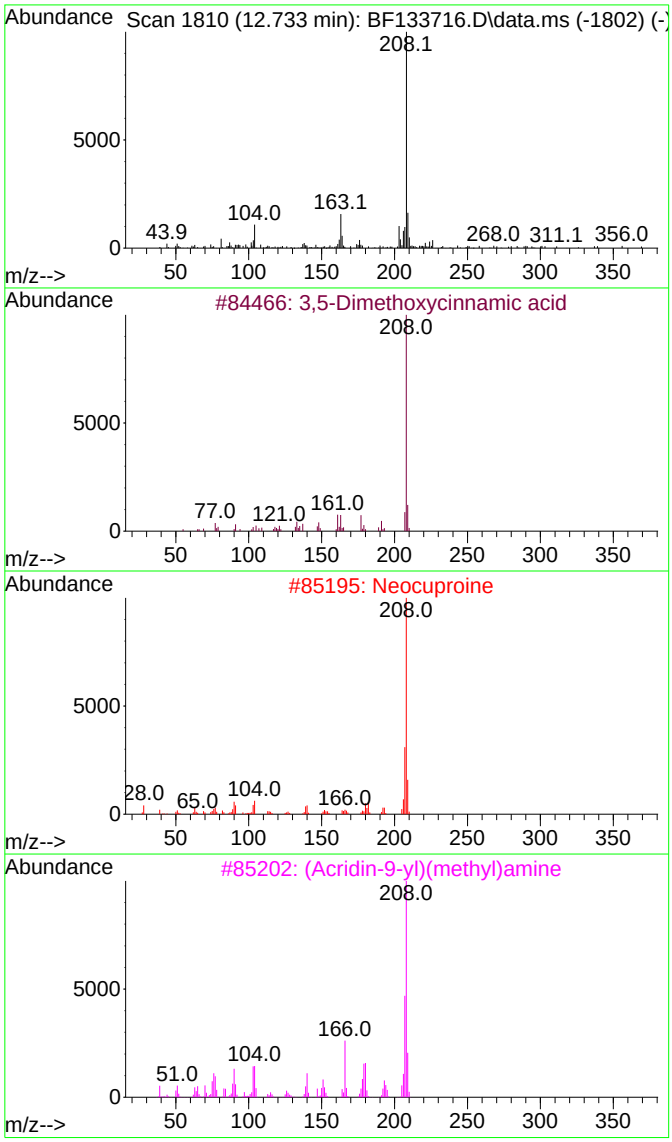
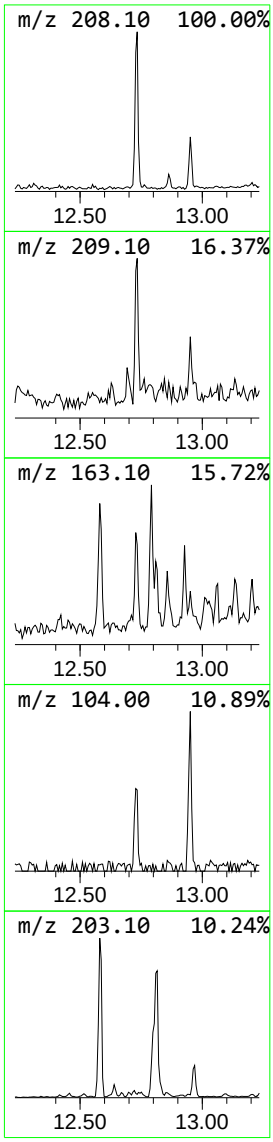
Peak Number 13 3,5-Dimethoxycinnamic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	2.11 ng	102388	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethoxycinnamic acid	208	C11H12O4	016909-11-8	59
2	Neocuproine	208	C14H12N2	000484-11-7	59
3	(Acridin-9-yl)(methyl)amine	208	C14H12N2	1000305-13-9	59
4	Thiourea, N-(2-methylpropyl)-N'-...	208	C11H16N2S	016275-53-9	53
5	Phenol, 4-[(4,5-dihydro-5-methyl...	208	C10H12N2OS	1000362-46-0	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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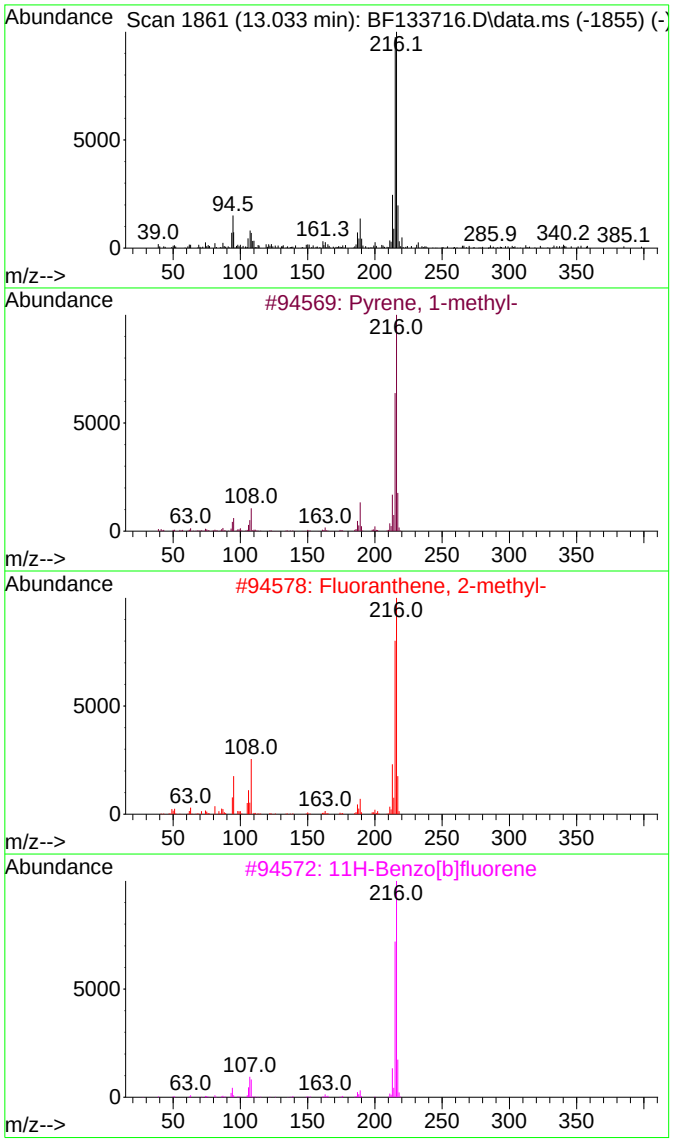
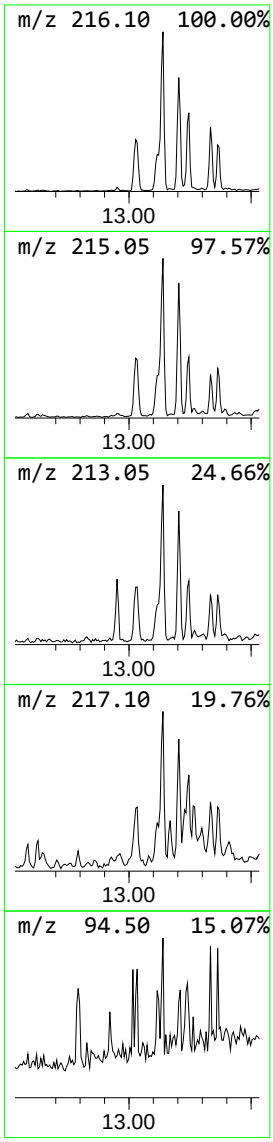
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.033	3.55 ng	172554	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	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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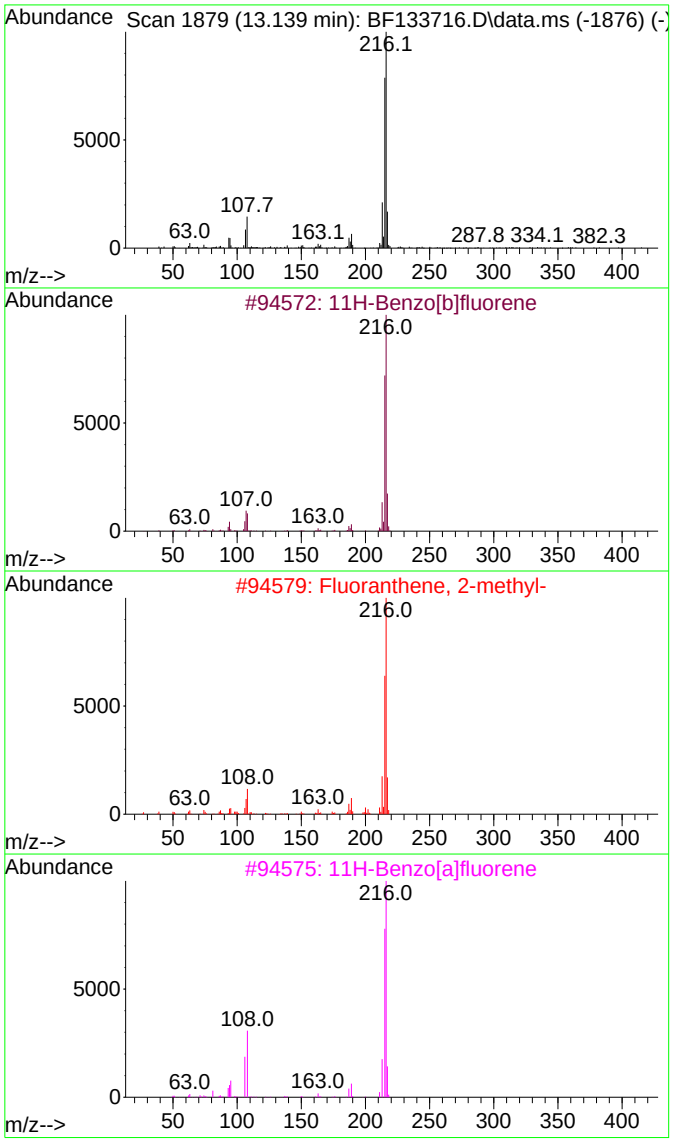
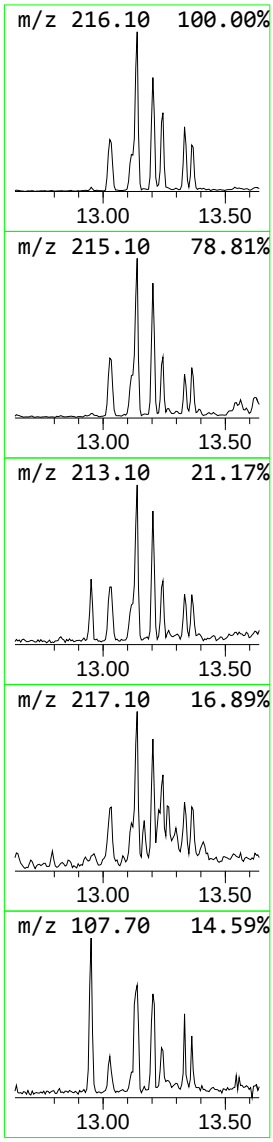
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	4.32 ng	210088	Chrysene-d12	14.010

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	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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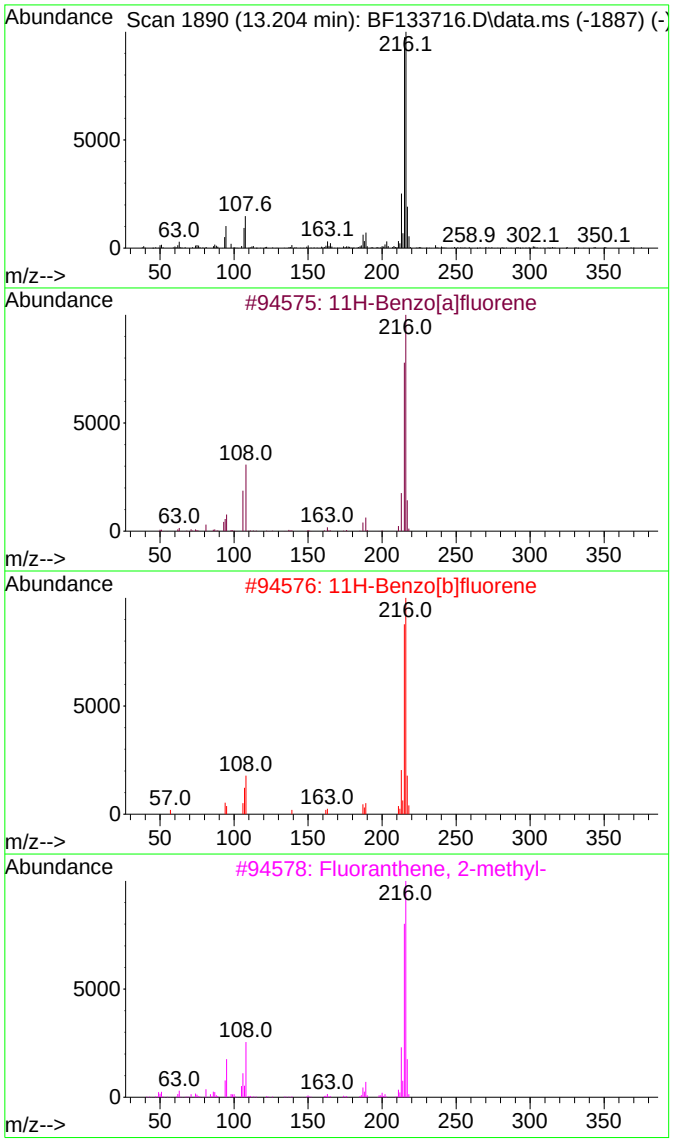
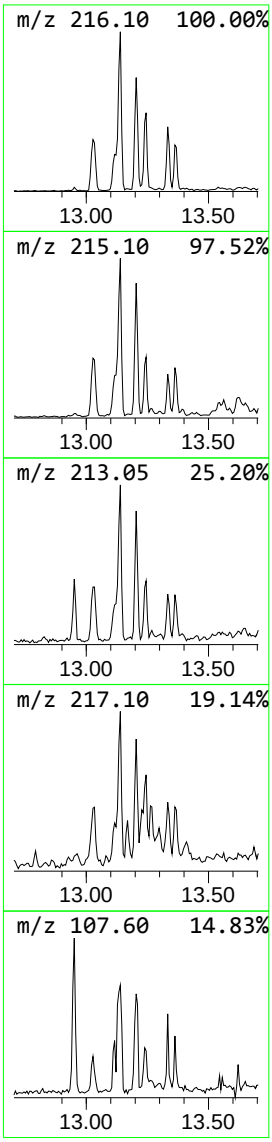
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	2.88 ng	140118	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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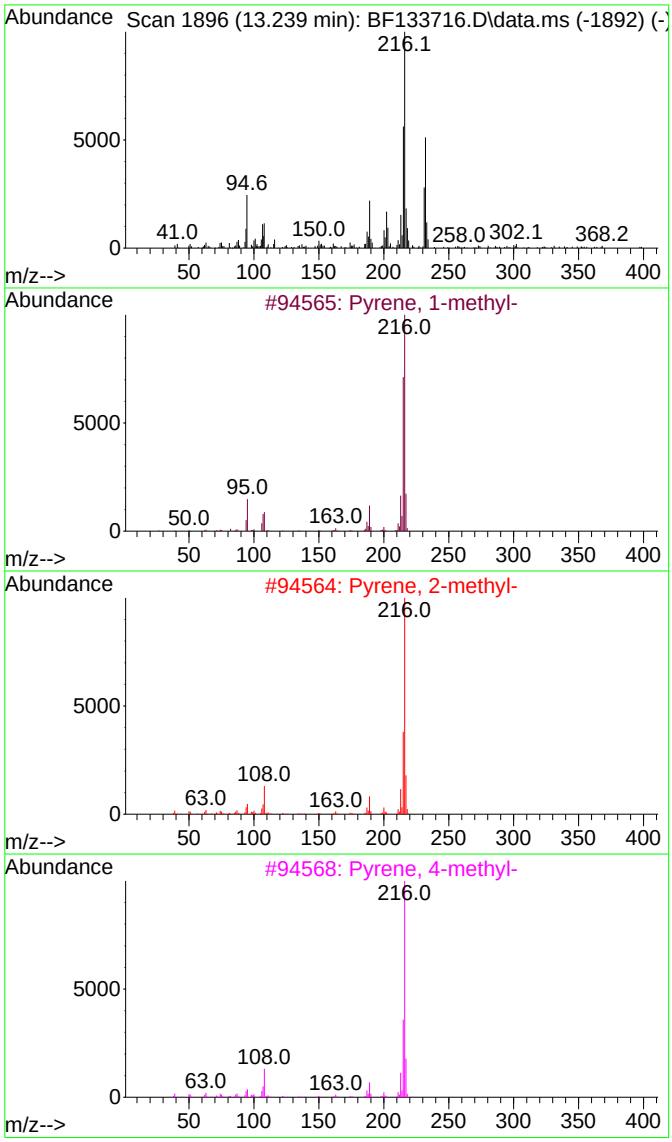
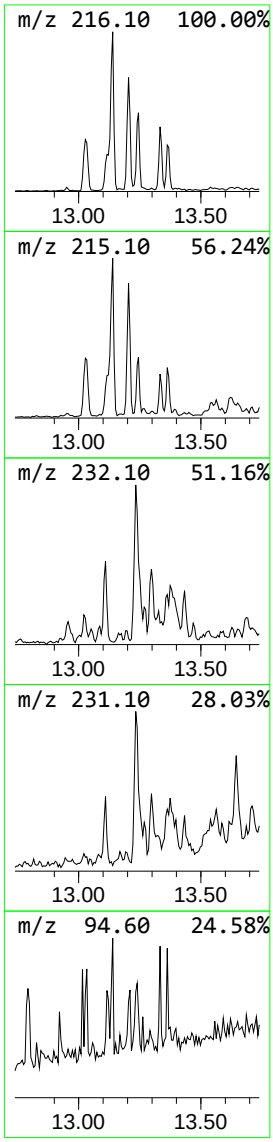
Peak Number 17 Pyrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	3.12 ng	151823	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	55
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50





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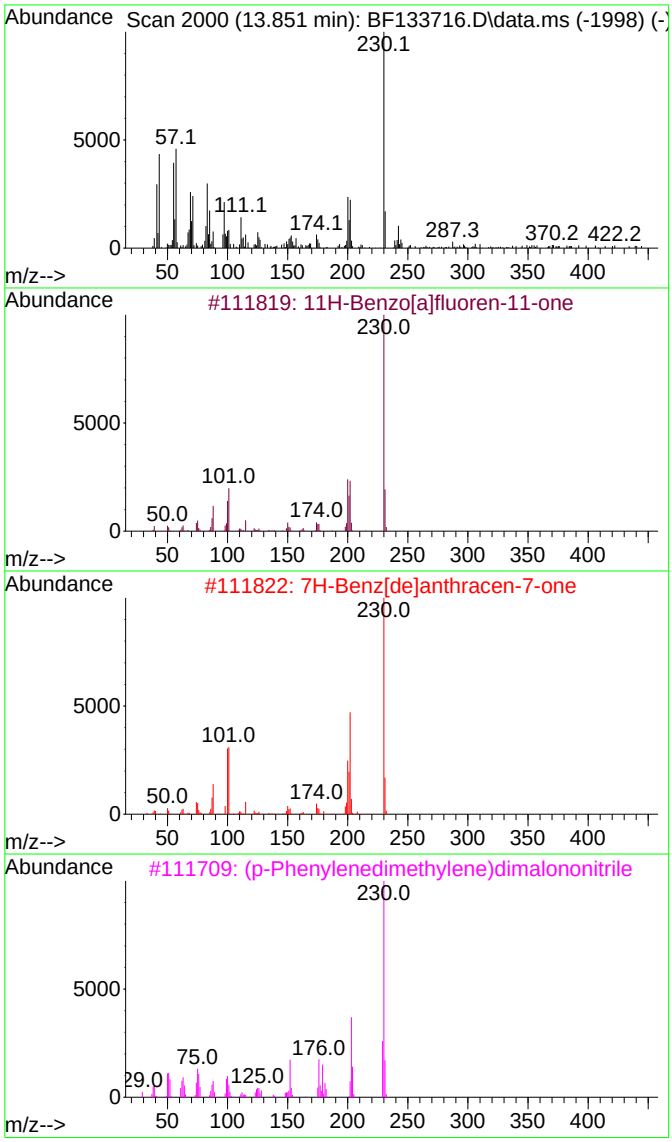
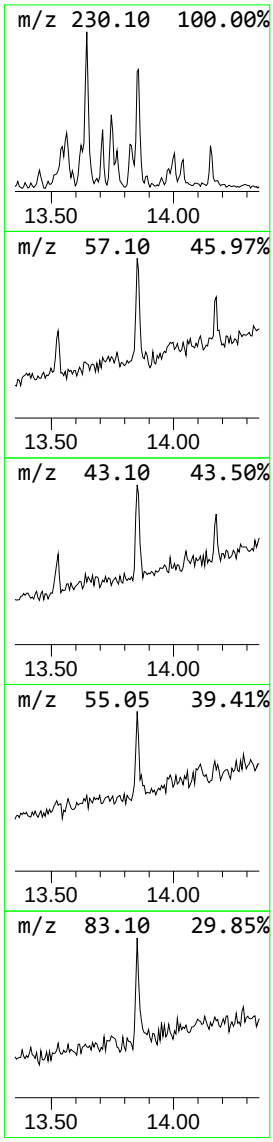
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	2.67 ng	129798	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62
3	(p-Phenylenedimethylene)dimalono...	230	C14H6N4	017239-69-9	46
4	m-Terphenyl	230	C18H14	000092-06-8	43
5	o-Terphenyl	230	C18H14	000084-15-1	43





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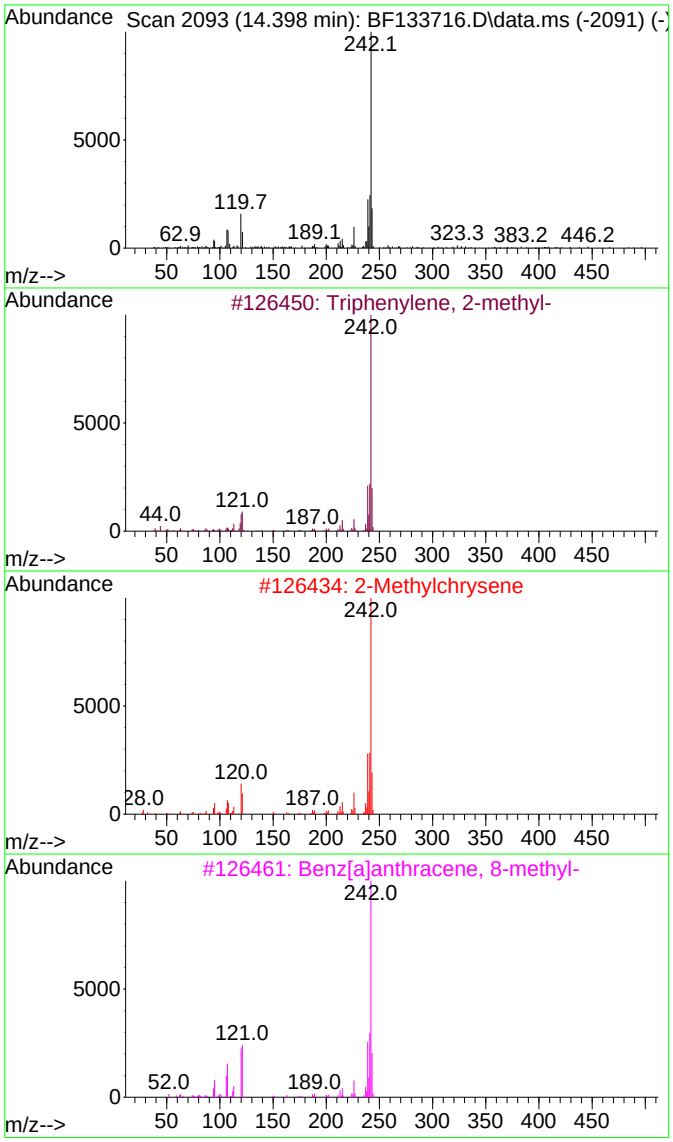
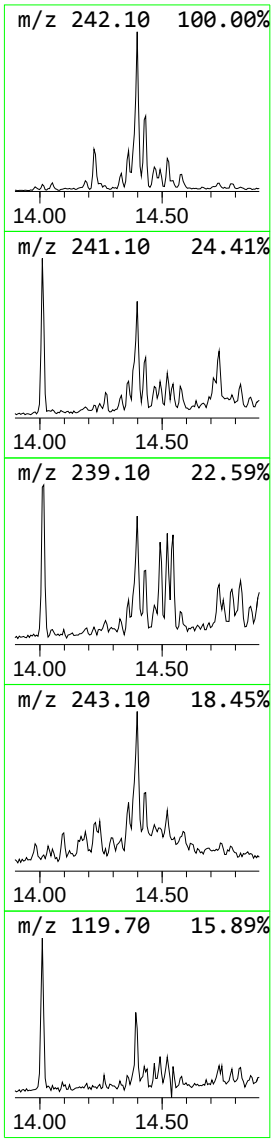
Peak Number 19 Triphenylene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.398	2.28 ng	110825	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	2-Methylchrysene	242	C19H14	003351-32-4	90
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	81
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133716.D
Acq On : 12 Jun 2023 21:47
Operator : CG\JU
Sample : 03044-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

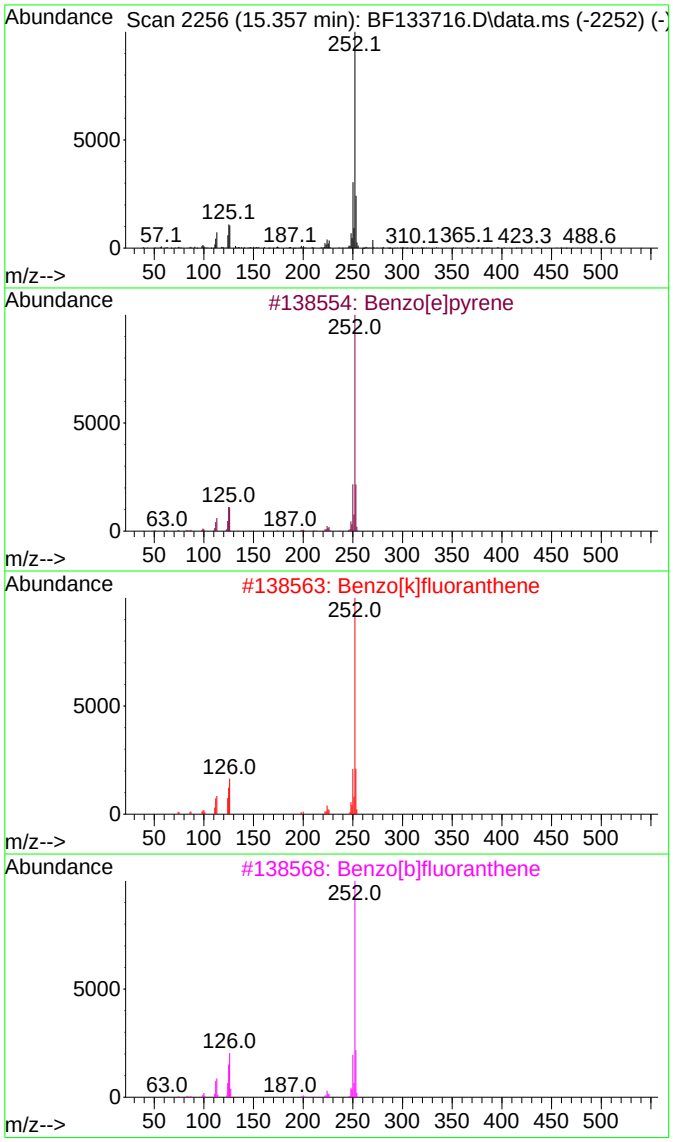
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

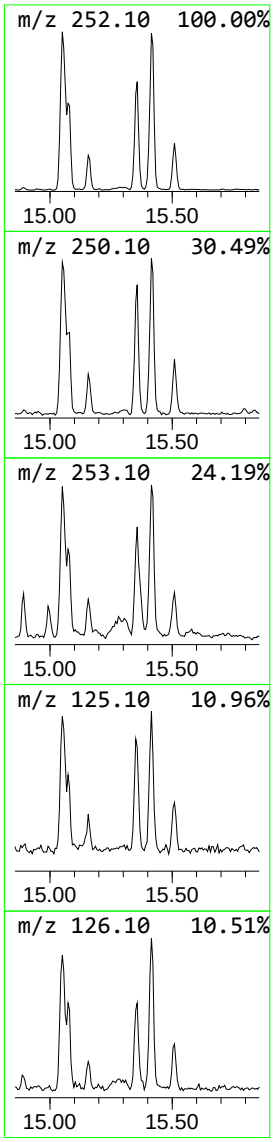
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.357	30.79 ng	328112	Perylene-d12	15.480

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	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
Data File : BF133716.D
Acq On : 12 Jun 2023 21:47
Operator : CG\JU
Sample : 03044-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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
Benzophenone	10.580	4.1	ng	89085	3	9.875	438909	20.0
Dibenzothiophene	11.257	2.2	ng	57190	4	11.363	510416	20.0
Anthracene, 1-m...	11.863	4.0	ng	102636	4	11.363	510416	20.0
Phenanthrene, 1...	11.892	8.9	ng	228033	4	11.363	510416	20.0
1H-Cyclopropa[l...	11.939	2.9	ng	73200	4	11.363	510416	20.0
4H-Cyclopenta[d...	11.975	10.2	ng	259159	4	11.363	510416	20.0
Naphthalene, 2-...	12.163	3.8	ng	95832	4	11.363	510416	20.0
9,10-Anthracene...	12.186	2.3	ng	59386	4	11.363	510416	20.0
Phenanthrene, 3...	12.416	4.6	ng	117400	4	11.363	510416	20.0
unknown12.451	12.451	3.1	ng	79994	4	11.363	510416	20.0
Cyclopenta(def)...	12.504	3.1	ng	77979	4	11.363	510416	20.0
3,5-Dimethoxyci...	12.733	2.1	ng	102388	5	14.010	972660	20.0
Pyrene, 1-methyl-	13.033	3.5	ng	172554	5	14.010	972660	20.0
11H-Benzo[b]flu...	13.139	4.3	ng	210088	5	14.010	972660	20.0
11H-Benzo[a]flu...	13.204	2.9	ng	140118	5	14.010	972660	20.0
Pyrene, 2-methyl-	13.239	3.1	ng	151823	5	14.010	972660	20.0
11H-Benzo[a]flu...	13.851	2.7	ng	129798	5	14.010	972660	20.0
Triphenylene, 2...	14.398	2.3	ng	110825	5	14.010	972660	20.0
Benzo[e]pyrene	15.357	30.8	ng	328112	6	15.480	213138	20.0