LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128250.D
Acq On : 13 May 2022 20:37
Operator : CG\JU
Sample : N2823-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-6

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128250.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.504	543	547	564	rBV	196184	206164	5.27%	0.717%
2	6.510	715	718	729	rBV	268235	264533	6.76%	0.921%
3	6.887	778	782	785	rBV	453820	378784	9.67%	1.318%
4	7.445	874	877	886	rBV	221239	180967	4.62%	0.630%
5	8.169	996	1000	1003	rBV	624181	484961	12.39%	1.688%
6	9.239	1179	1182	1188	rVB	434578	354305	9.05%	1.233%
7	9.928	1295	1299	1302	rBV	693951	529839	13.53%	1.844%
8	10.133	1330	1334	1338	rBV	54731	48557	1.24%	0.169%
9	10.716	1429	1433	1438	rBV2	95497	100071	2.56%	0.348%
10	11.227	1516	1520	1523	rBV	1192278	991440	25.32%	3.450%
11	11.316	1532	1535	1540	rVB	189515	155564	3.97%	0.541%
12	11.422	1549	1553	1554	rBV	513714	453395	11.58%	1.578%
13	11.451	1554	1558	1561	rVV	2960599	2827275	72.21%	9.838%
14	11.480	1561	1563	1564	rVV	174419	149235	3.81%	0.519%
15	11.498	1564	1566	1568	rVV	304755	244433	6.24%	0.851%
16	11.527	1568	1571	1576	rVB	97145	93074	2.38%	0.324%
17	11.598	1581	1583	1586	rVB	62181	45302	1.16%	0.158%
18	11.651	1586	1592	1596	rBV2	537022	580674	14.83%	2.021%
19	11.710	1600	1602	1606	rVV2	67178	74111	1.89%	0.258%
20	11.751	1606	1609	1614	rVB	167386	159150	4.06%	0.554%
21	11.874	1627	1630	1634	rBV	67338	65574	1.67%	0.228%
22	11.922	1634	1638	1640	rVV	345974	303867	7.76%	1.057%
23	11.951	1640	1643	1646	rVB	457781	395763	10.11%	1.377%
24	11.998	1646	1651	1653	rBV	65346	68584	1.75%	0.239%
25	12.033	1653	1657	1659	rBV2	272654	297825	7.61%	1.036%
26	12.057	1659	1661	1664	rVB	218734	164859	4.21%	0.574%
27	12.104	1665	1669	1671	rBV2	83855	84375	2.15%	0.294%
28	12.216	1685	1688	1691	rBV	295311	272409	6.96%	0.948%
29	12.257	1691	1695	1698	rVB	1944009	1769654	45.20%	6.158%
30	12.363	1710	1713	1716	rVB3	59897	53986	1.38%	0.188%
31	12.421	1721	1723	1726	rVB	52405	40806	1.04%	0.142%
32	12.469	1728	1731	1733	rBV	93289	97744	2.50%	0.340%
33	12.492	1733	1735	1740	rVV4	80681	116241	2.97%	0.404%
34	12.569	1744	1748	1751	rBV	618044	579579	14.80%	2.017%
35	12.651	1755	1762	1765	rBV	3643493	3915456	100.00%	13.625%
36	12.698	1768	1770	1773	rVB	74532	61990	1.58%	0.216%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128250.D
Acq On : 13 May 2022 20:37
Operator : CG\JU
Sample : N2823-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-6

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.774	1779	1783	1785	rBV2	202328	232689	5.94%	0.810%
38	12.880	1793	1801	1804	rBV2	2616496	3329234	85.03%	11.585%
39	12.916	1804	1807	1810	rVB	142260	134170	3.43%	0.467%
40	12.998	1815	1821	1824	rBV2	315621	462568	11.81%	1.610%
41	13.027	1824	1826	1829	rVB	124277	106273	2.71%	0.370%
42	13.086	1831	1836	1839	rBV3	154940	261423	6.68%	0.910%
43	13.116	1839	1841	1843	rVV	59257	49944	1.28%	0.174%
44	13.169	1846	1850	1852	rBV3	133599	166592	4.25%	0.580%
45	13.192	1852	1854	1857	rVB	215282	184051	4.70%	0.640%
46	13.257	1862	1865	1868	rBV	151991	122619	3.13%	0.427%
47	13.298	1868	1872	1875	rBV2	185067	206099	5.26%	0.717%
48	13.392	1885	1888	1890	rVB	80017	71876	1.84%	0.250%
49	13.421	1890	1893	1896	rBV2	89580	96398	2.46%	0.335%
50	13.704	1938	1941	1945	rVB	300685	250141	6.39%	0.870%
51	13.810	1956	1959	1962	rBV2	234129	226525	5.79%	0.788%
52	13.839	1962	1964	1966	rVV	195591	161931	4.14%	0.563%
53	13.868	1966	1969	1974	rVV2	169175	280974	7.18%	0.978%
54	13.910	1974	1976	1979	rVB	258638	238020	6.08%	0.828%
55	14.063	1997	2002	2005	rBV2	1133535	1517532	38.76%	5.281%
56	14.092	2005	2007	2014	rVB	854872	832864	21.27%	2.898%
57	14.174	2018	2021	2024	rVB	135312	110370	2.82%	0.384%
58	14.210	2025	2027	2032	rVB2	108378	94948	2.42%	0.330%
59	14.451	2066	2068	2071	rVB	128361	94075	2.40%	0.327%
60	15.121	2178	2182	2185	rBV	573535	895060	22.86%	3.115%
61	15.227	2198	2200	2204	rVB	116440	113201	2.89%	0.394%
62	15.433	2231	2235	2241	rVB	327390	449258	11.47%	1.563%
63	15.498	2242	2246	2251	rVV	487832	609786	15.57%	2.122%
64	15.557	2252	2256	2259	rVV	271388	366117	9.35%	1.274%
65	15.592	2260	2262	2268	rVB2	149380	178193	4.55%	0.620%
66	17.074	2510	2514	2523	rVB2	156448	284271	7.26%	0.989%

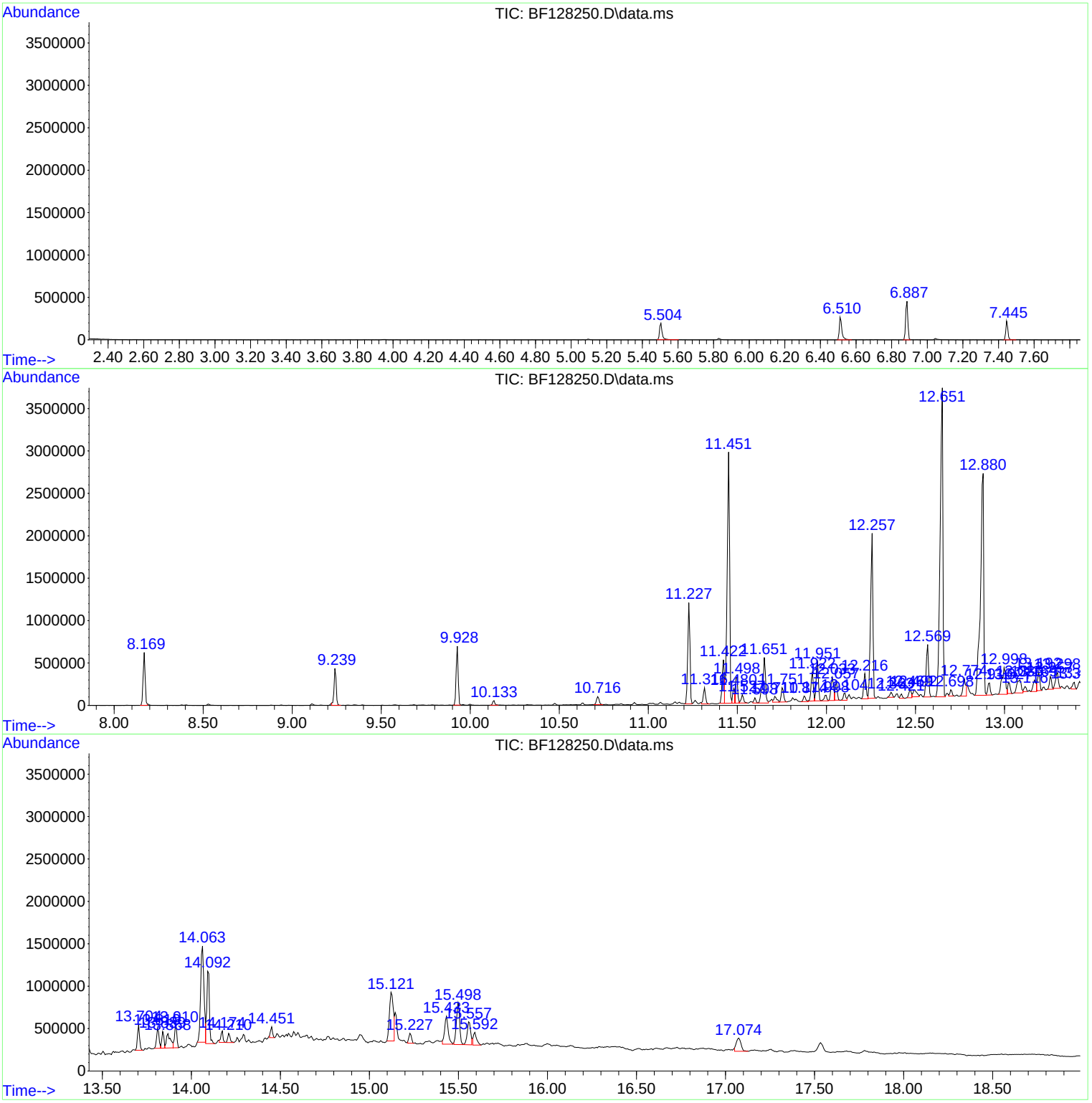
Sum of corrected areas: 28737748

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128250.D
Acq On : 13 May 2022 20:37
Operator : CG\JU
Sample : N2823-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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\BF051322\
Data File : BF128250.D
Acq On : 13 May 2022 20:37
Operator : CG\JU
Sample : N2823-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

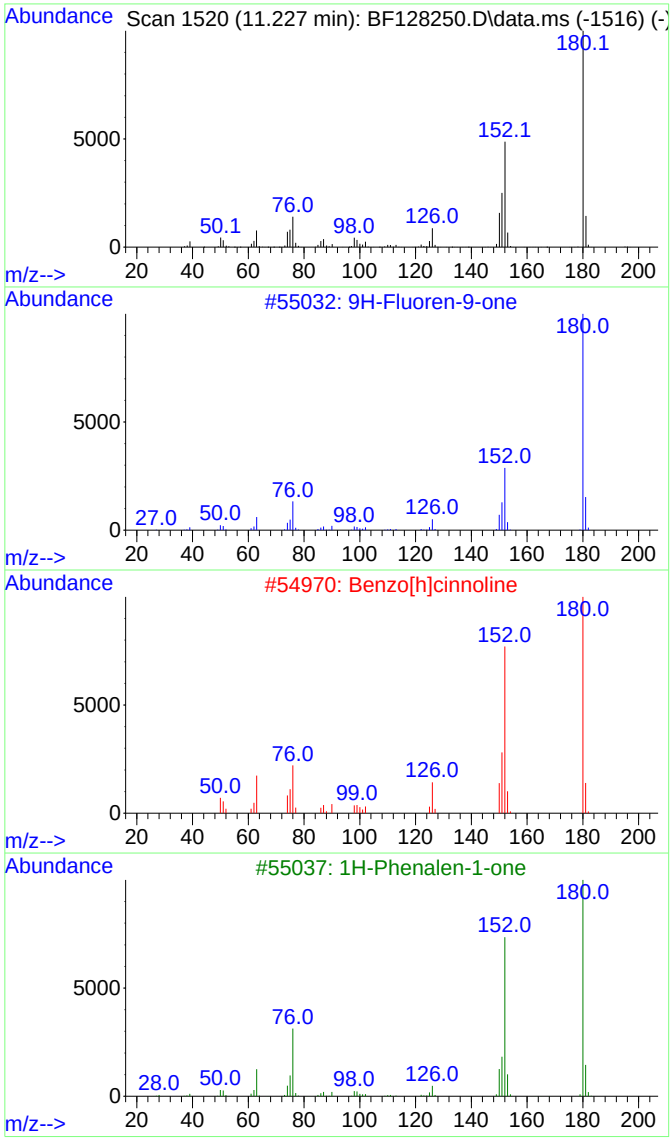
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

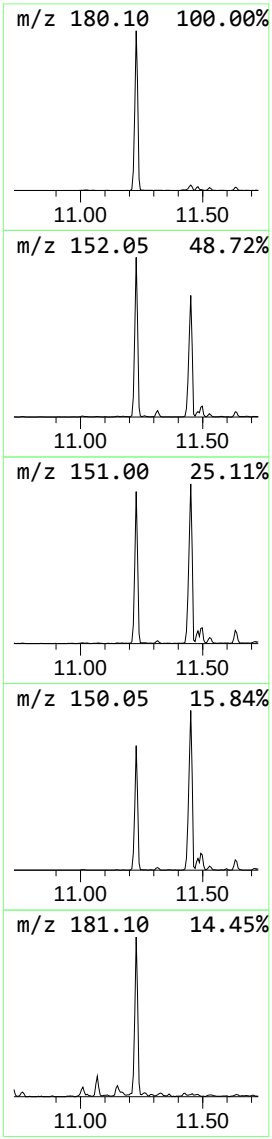
****

Peak Number 1 9H-Fluoren-9-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	43.73 ng	991440	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
4	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	53
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128250.D
Acq On : 13 May 2022 20:37
Operator : CG\JU
Sample : N2823-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

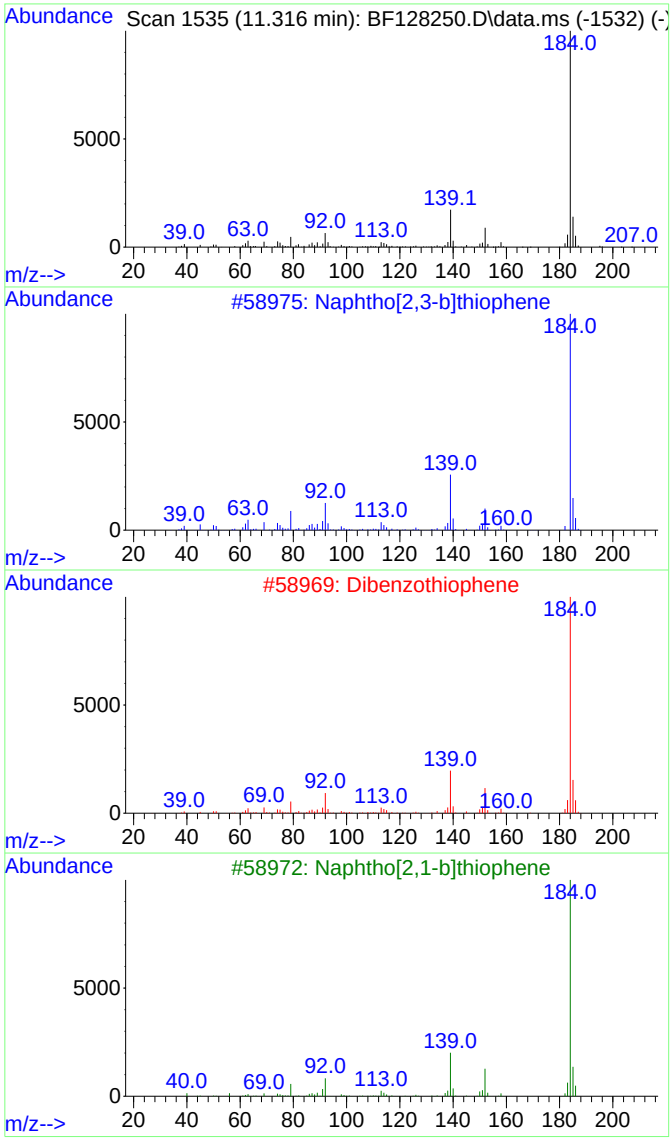
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

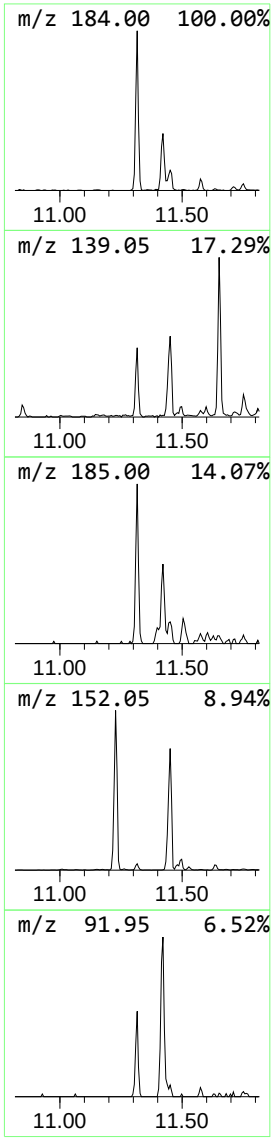
****

Peak Number 2 Naphtho[2,3-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.316	6.86 ng	155564	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128250.D
Acq On : 13 May 2022 20:37
Operator : CG\JU
Sample : N2823-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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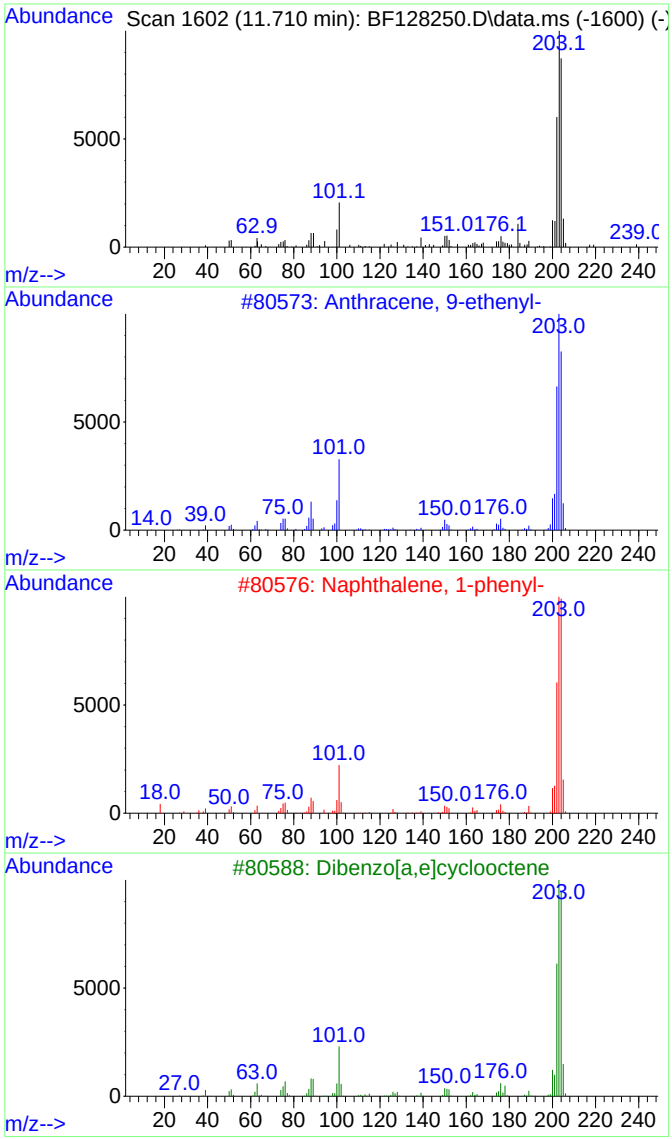
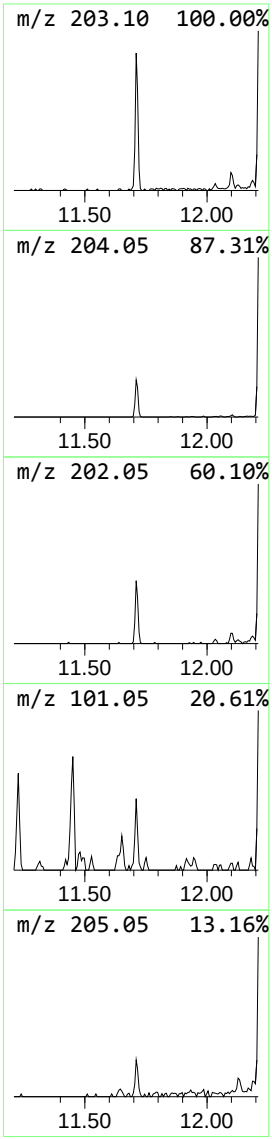
Peak Number 3 Anthracene, 9-ethenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.710	3.27 ng	74111	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	95
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	95
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	93
4	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	89
5	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128250.D
Acq On : 13 May 2022 20:37
Operator : CG\JU
Sample : N2823-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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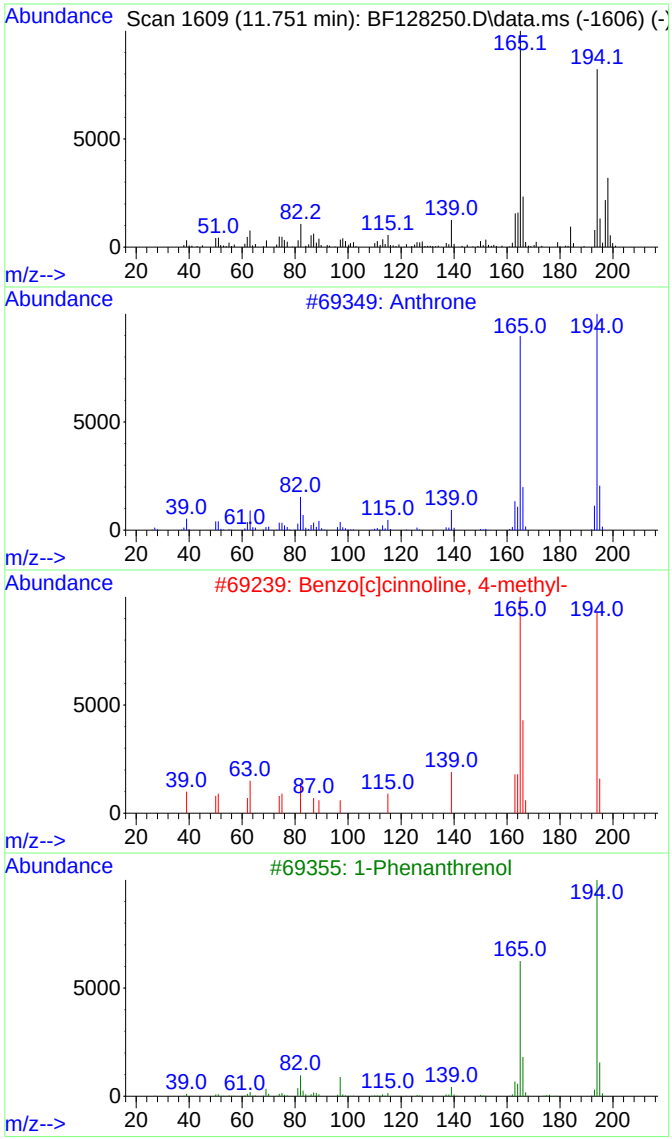
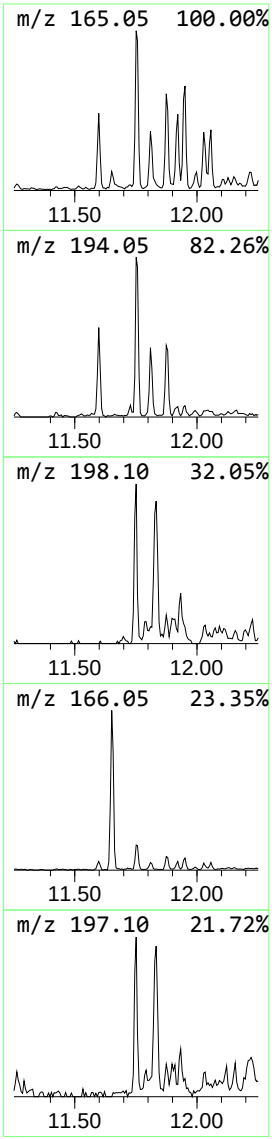
Peak Number 4 Anthrone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	7.02 ng	159150	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	94
2	Benzo[c]cinnoline, 4-methyl-	194	C13H10N2	019174-78-8	89
3	1-Phenanthrenol	194	C14H10O	002433-56-9	81
4	3-Phenanthrol	194	C14H10O	000605-87-8	81
5	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128250.D
Acq On : 13 May 2022 20:37
Operator : CG\JU
Sample : N2823-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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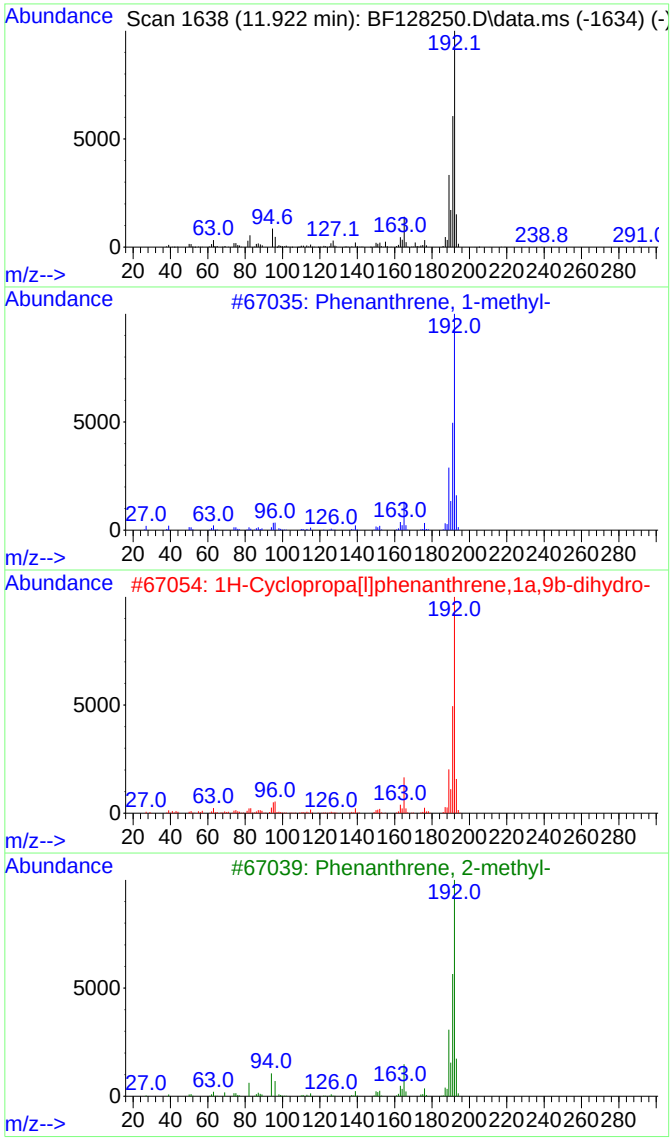
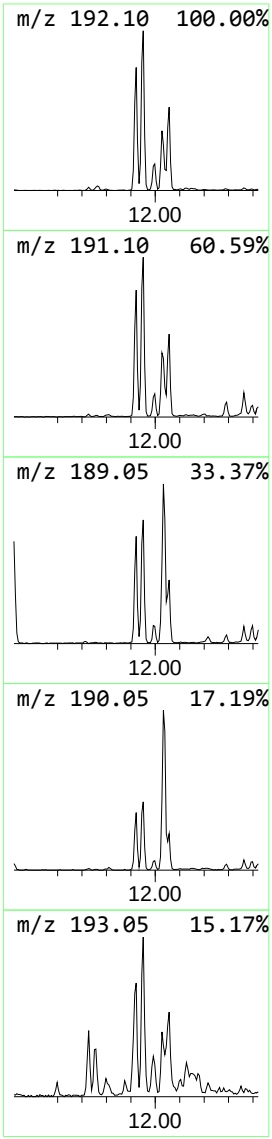
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	13.40 ng	303867	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128250.D
Acq On : 13 May 2022 20:37
Operator : CG\JU
Sample : N2823-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

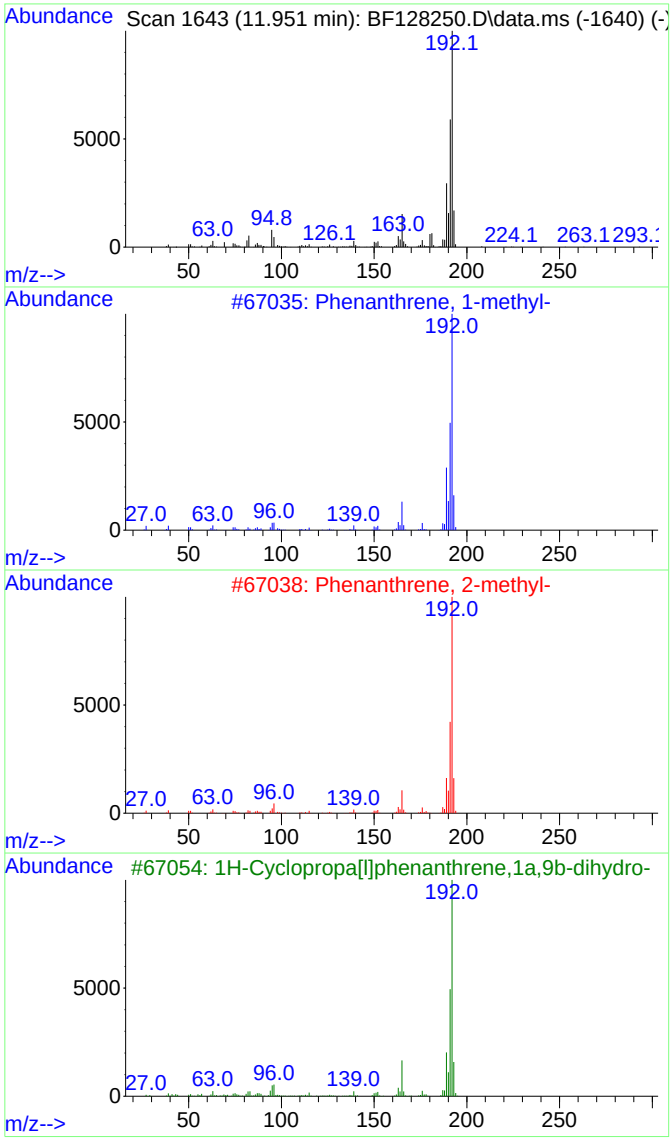
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

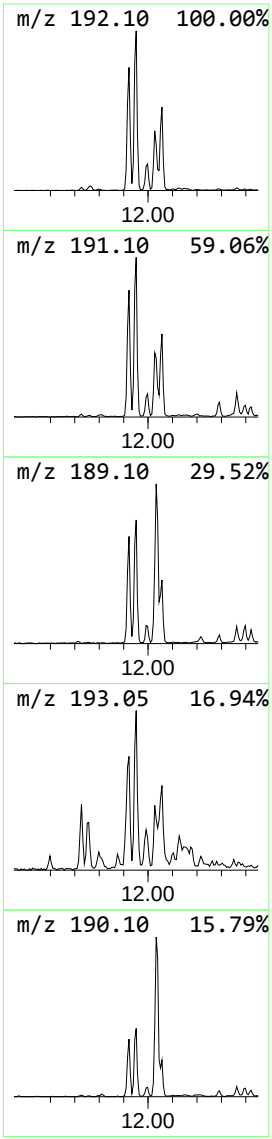
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	17.46 ng	395763	Phenanthrene-d10	11.422

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	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128250.D
Acq On : 13 May 2022 20:37
Operator : CG\JU
Sample : N2823-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-6

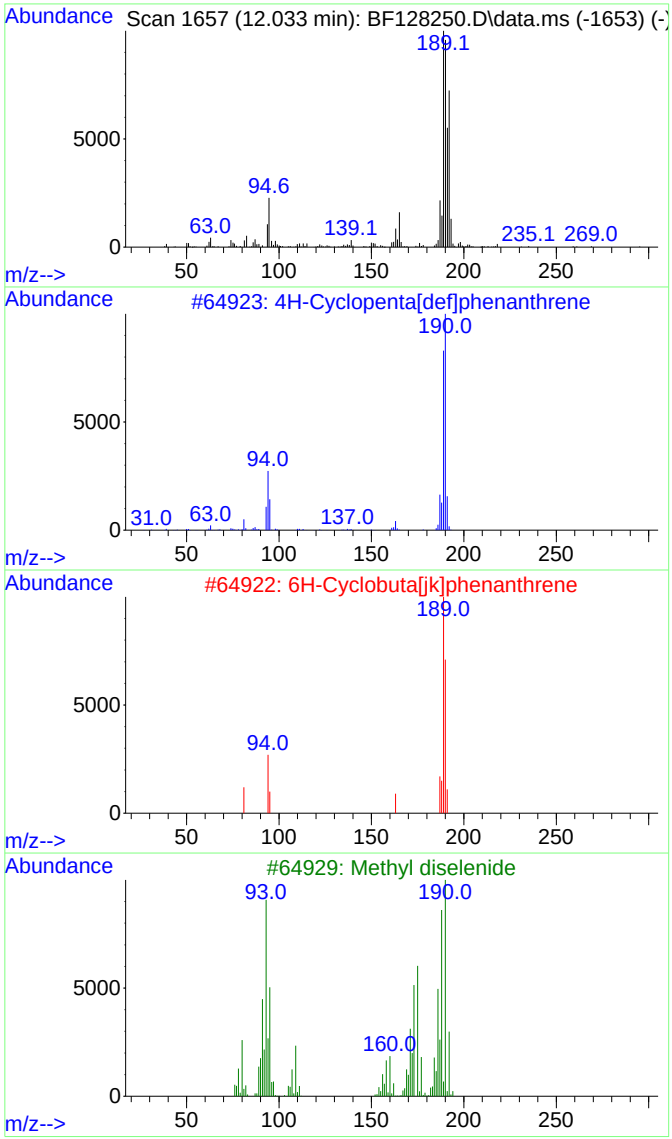
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

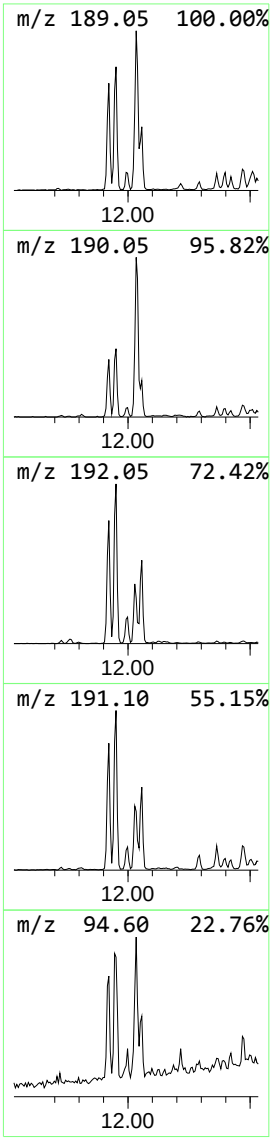
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	13.14 ng	297825	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Methyl diselenide	190	C2H6Se2	007101-31-7	41
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





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Operator : CG\JU
Sample : N2823-06 5X
Misc :
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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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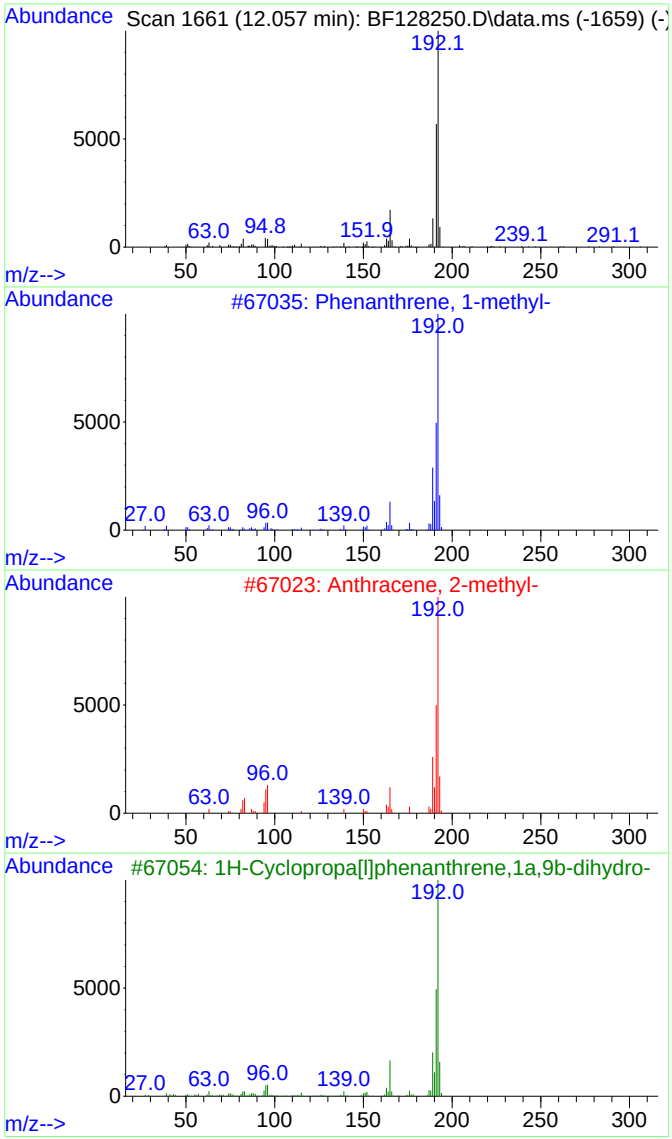
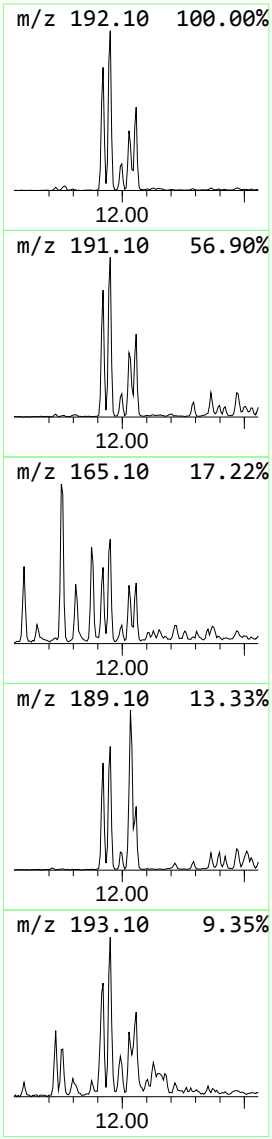
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	7.27 ng	164859	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72





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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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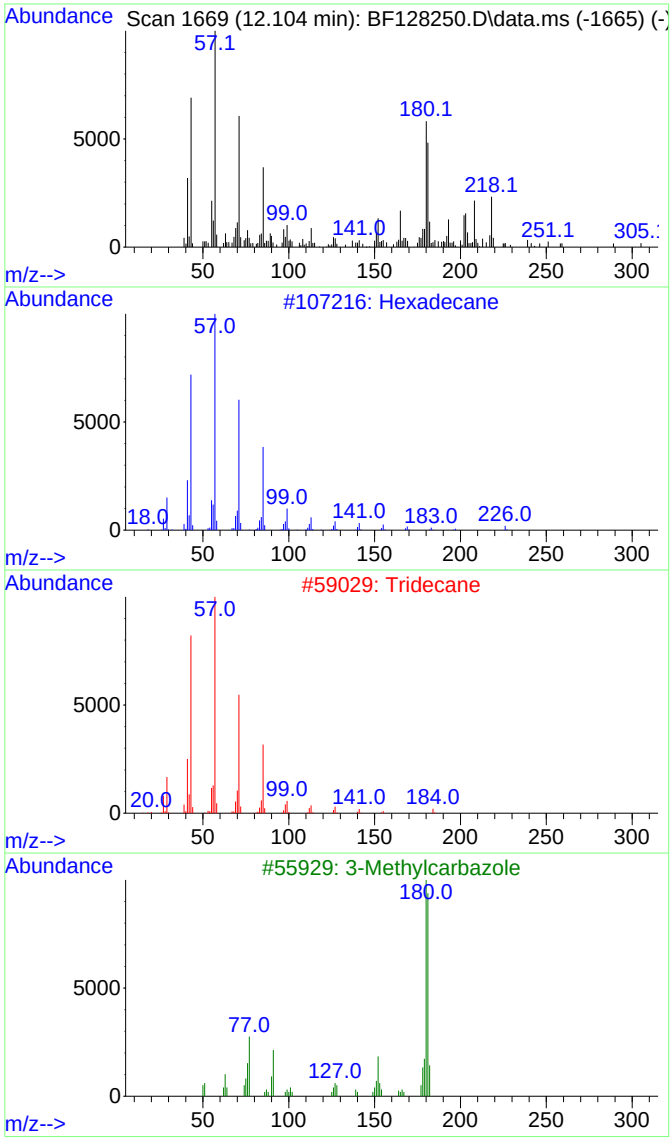
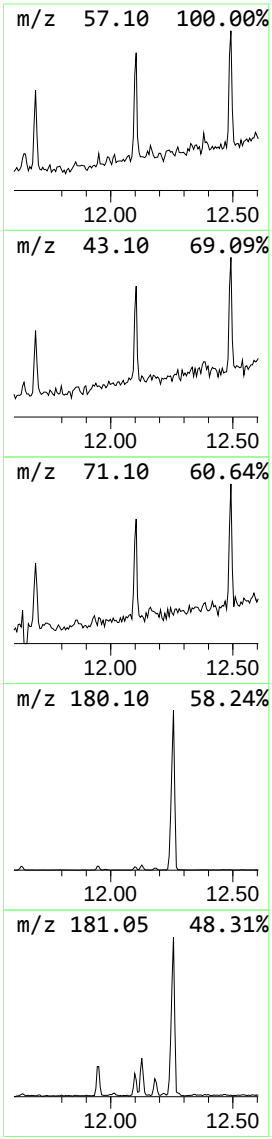
Peak Number 9 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	3.72 ng	84375	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane	184	C13H28	000629-50-5	53
3	3-Methylcarbazole	181	C13H11N	004630-20-0	51
4	1-Aminofluorene	181	C13H11N	006344-63-4	25
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	25





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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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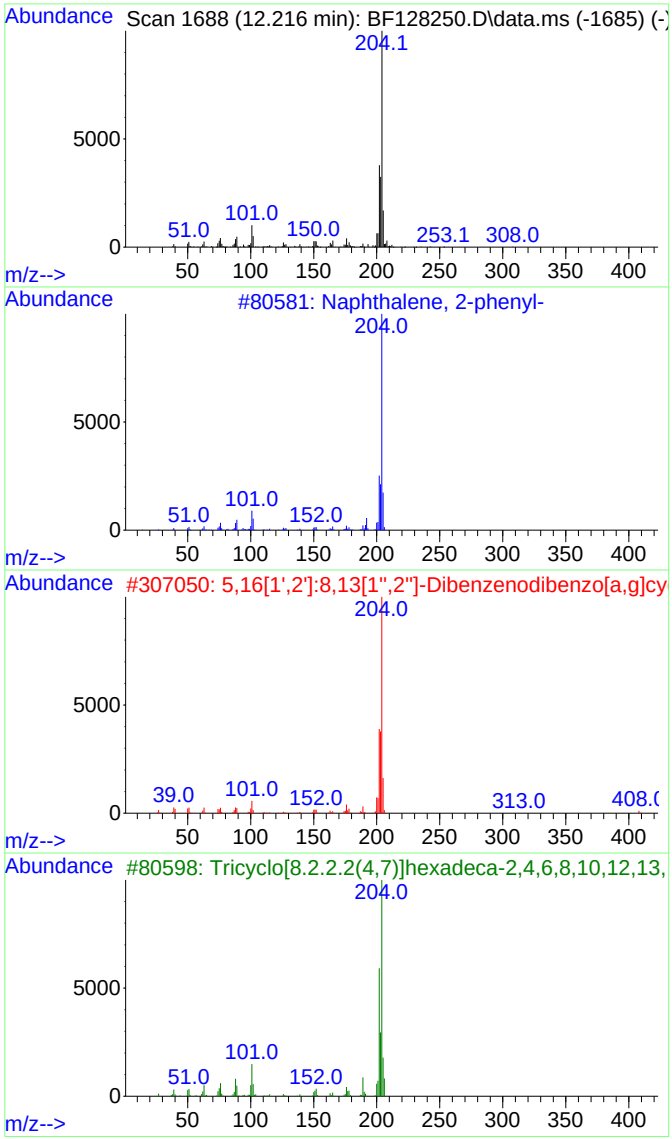
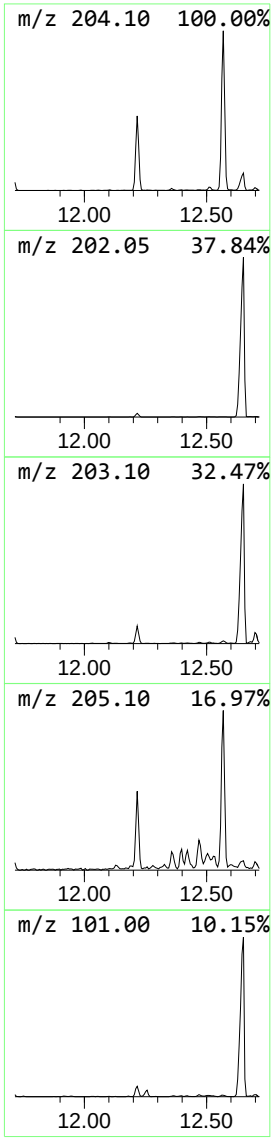
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	12.02 ng	272409	Phenanthrene-d10	11.422

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	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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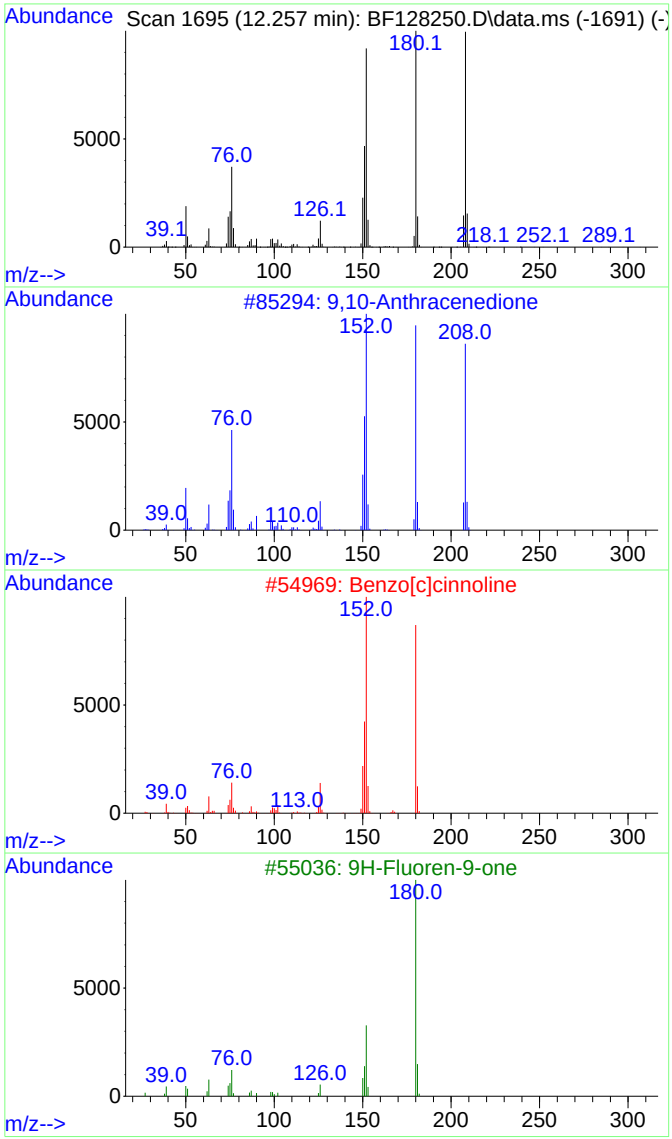
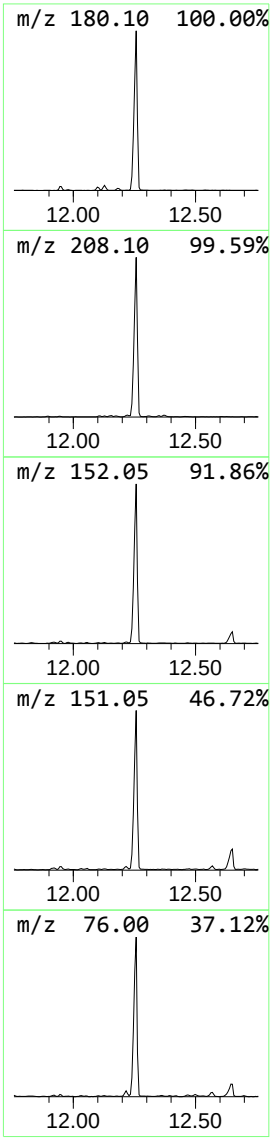
Peak Number 11 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	78.06 ng	1769650	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	92
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60





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

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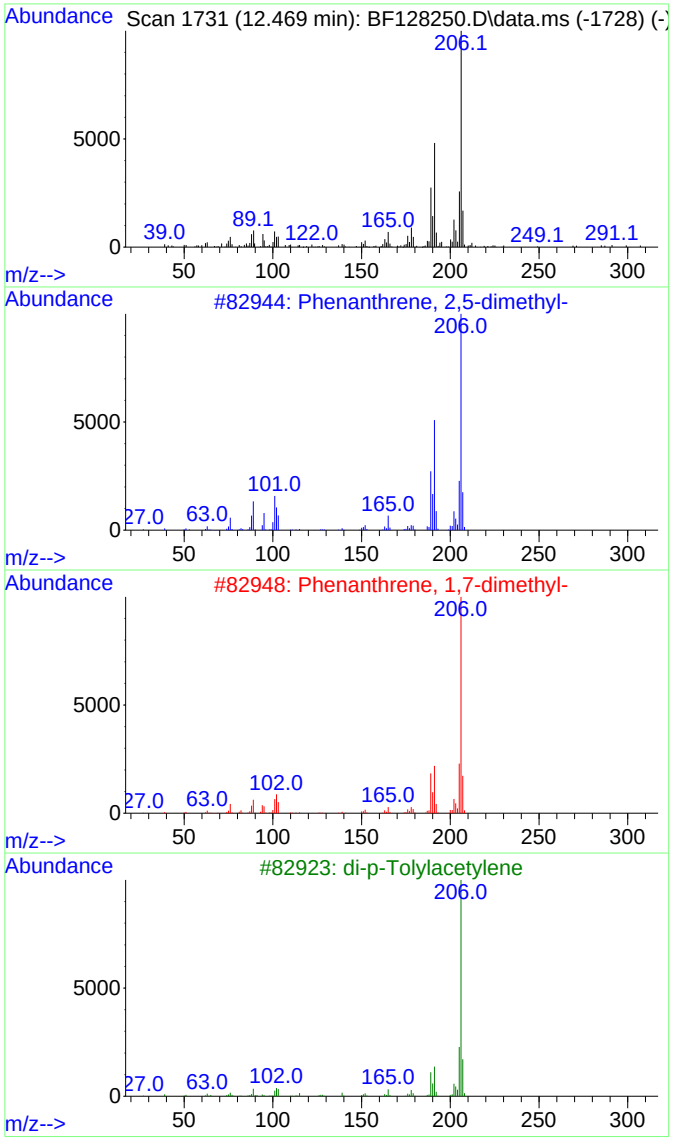
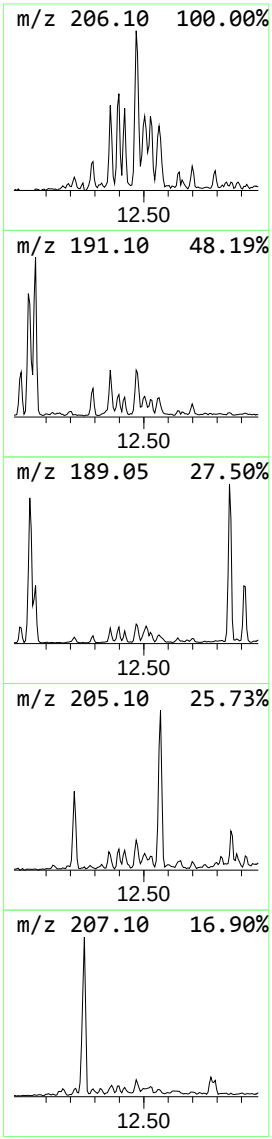
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	4.31 ng	97744	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
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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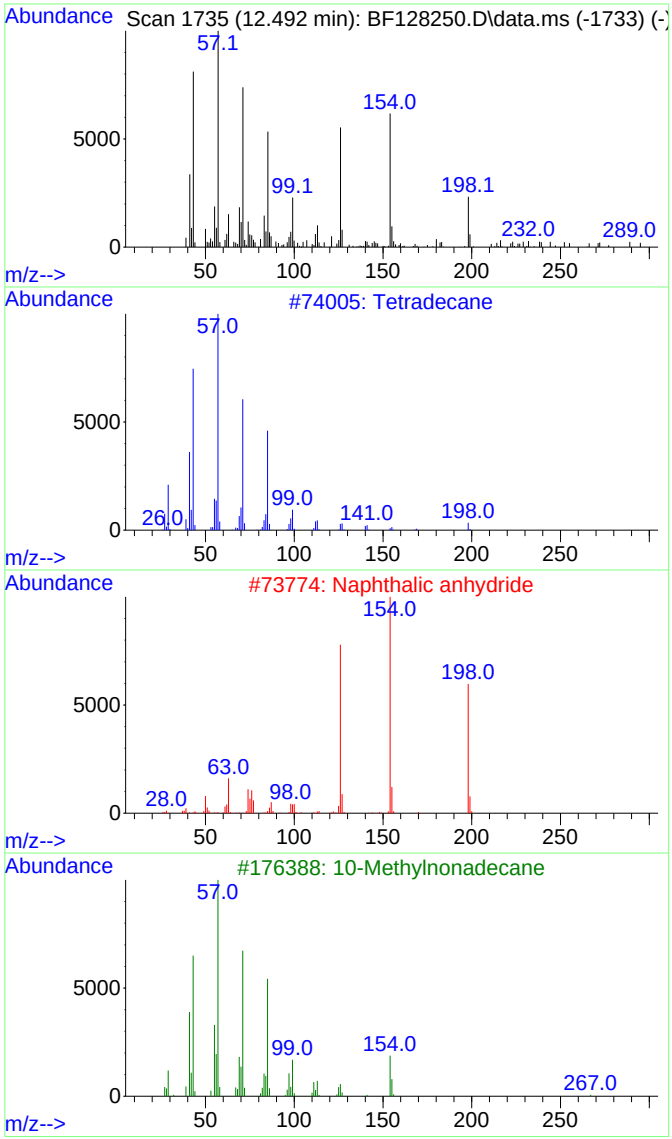
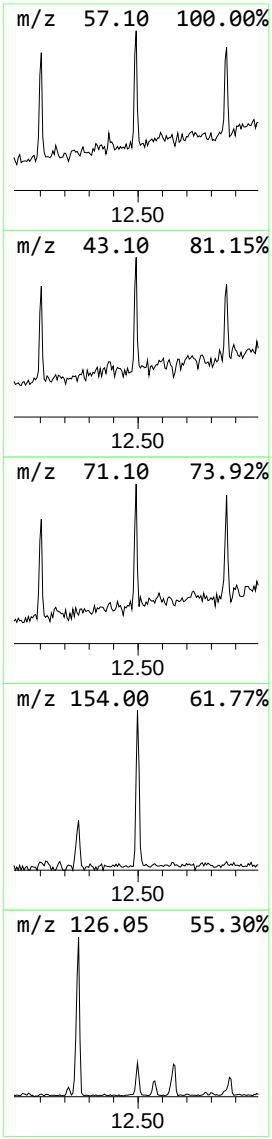
Peak Number 13 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	5.13 ng	116241	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	59
3	10-Methylnonadecane	282	C20H42	056862-62-5	52
4	Pentacosane	352	C25H52	000629-99-2	49
5	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	49





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Instrument :
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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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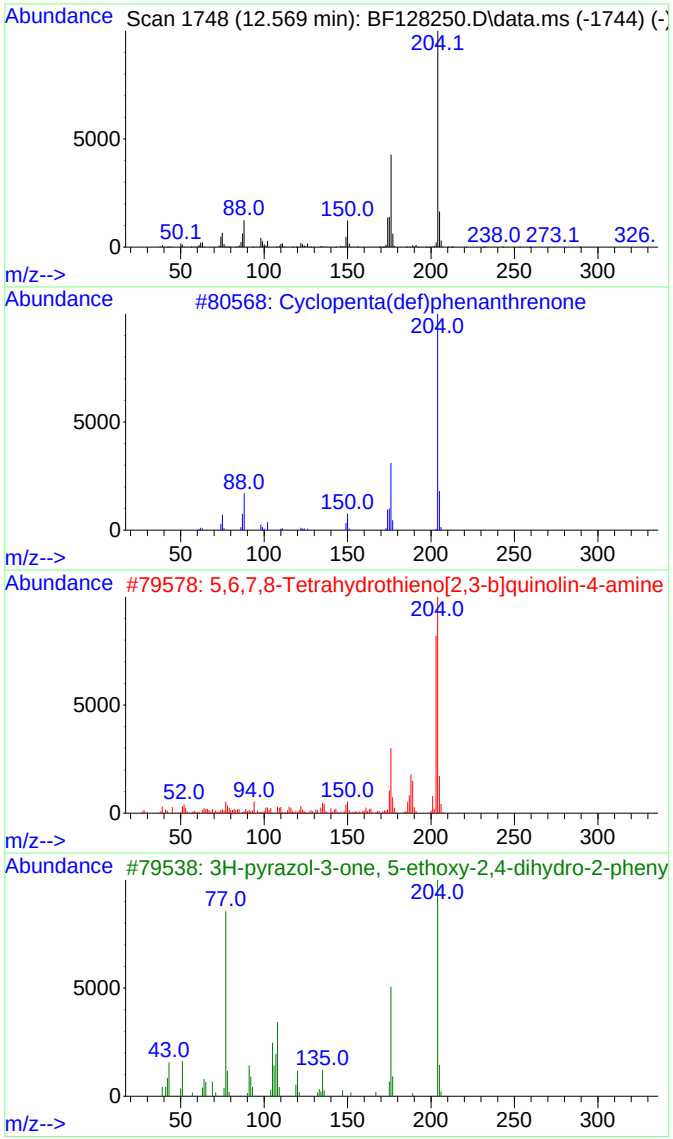
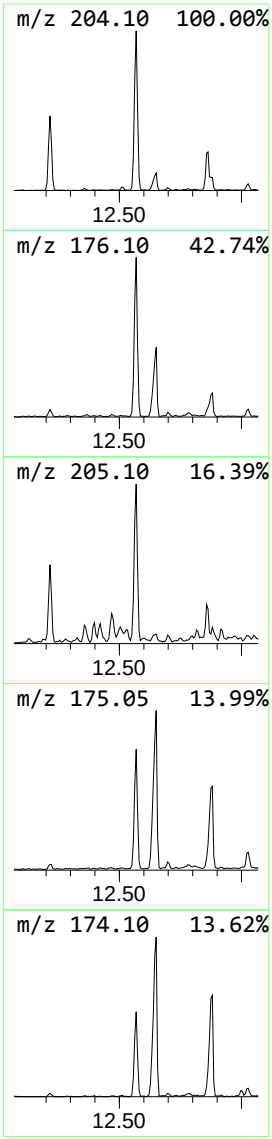
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	25.57 ng	579579	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	3H-pyrazol-3-one, 5-ethoxy-2,4-d...	204	C11H12N2O2	1000400-47-1	59
4	4-Formyl-7-methoxycoumarin	204	C11H8O4	1000429-03-0	50
5	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	46





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TIC Library : C:\Database\NIST20.L
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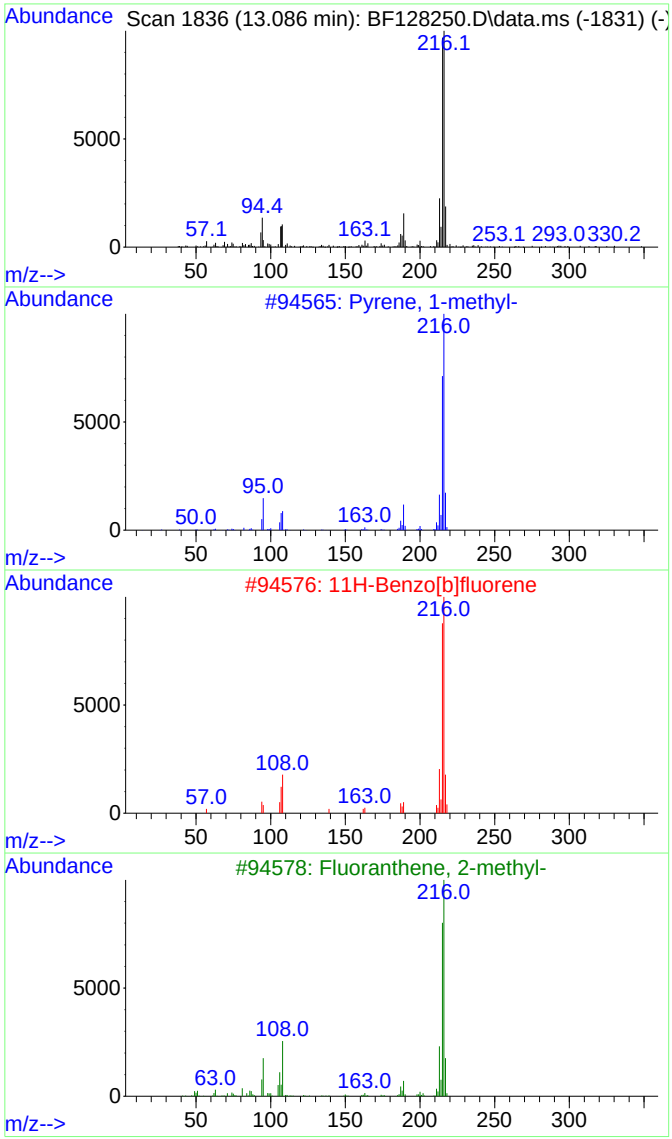
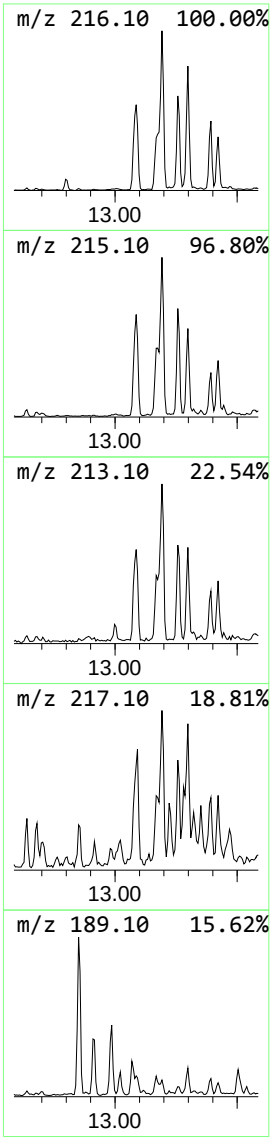
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	3.45 ng	261423	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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TIC Library : C:\Database\NIST20.L
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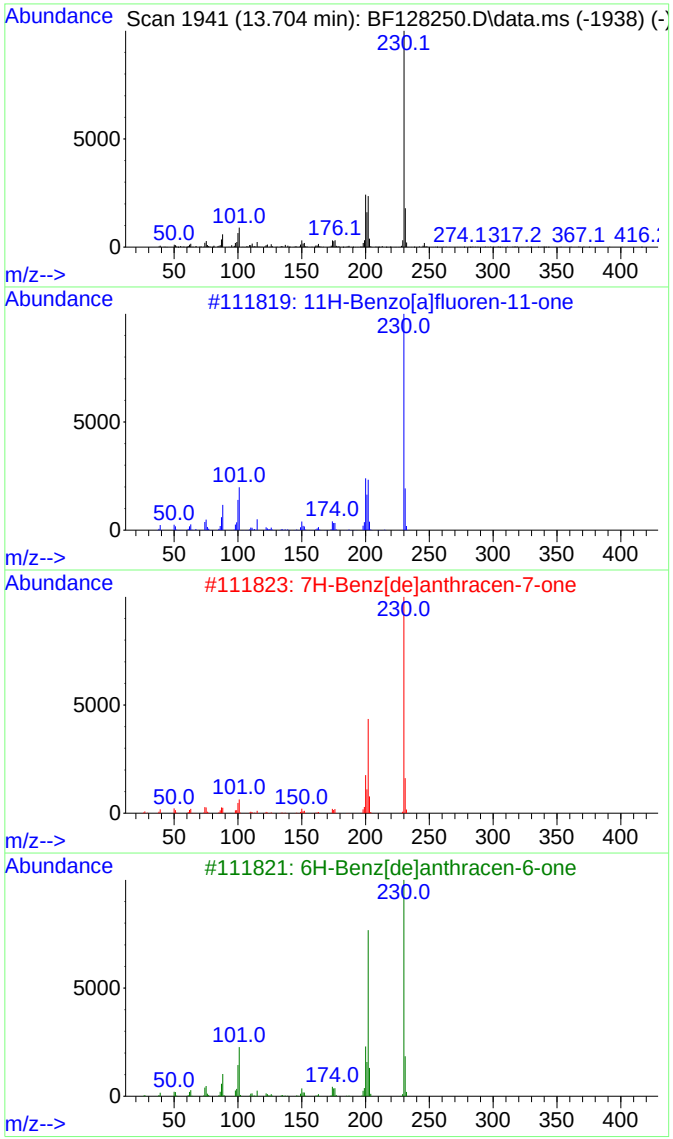
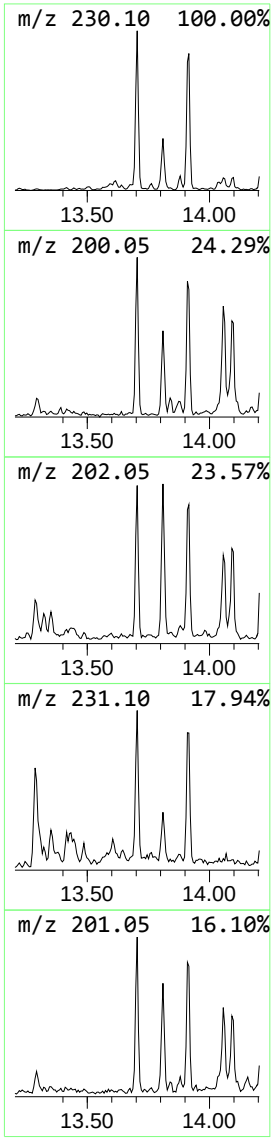
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	3.30 ng	250141	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	89
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	59





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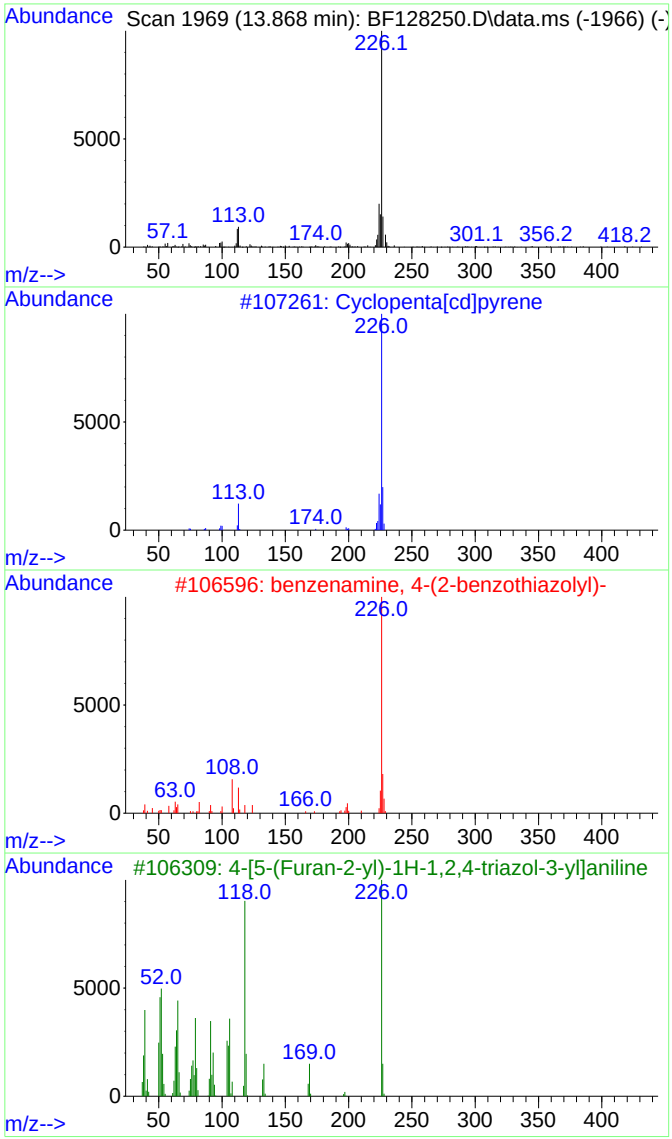
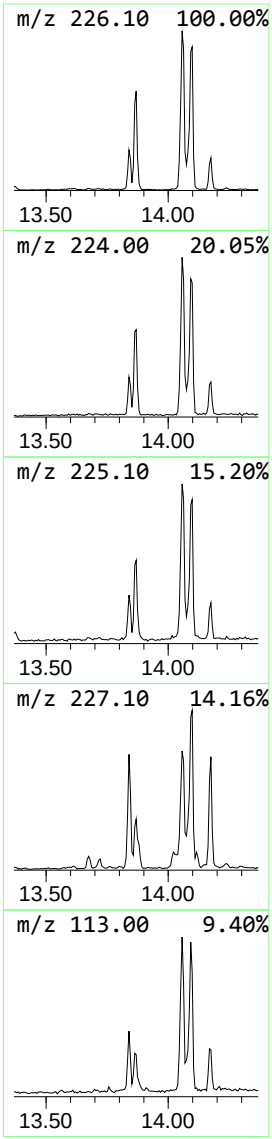
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	3.70 ng	280974	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	59
3	4-[5-(Furan-2-yl)-1H-1,2,4-triaz...	226	C12H10N4O	1000411-19-9	49
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	40
5	3-[5-(Furan-2-yl)-1H-1,2,4-triaz...	226	C12H10N4O	1000387-00-1	40





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TIC Library : C:\Database\NIST20.L
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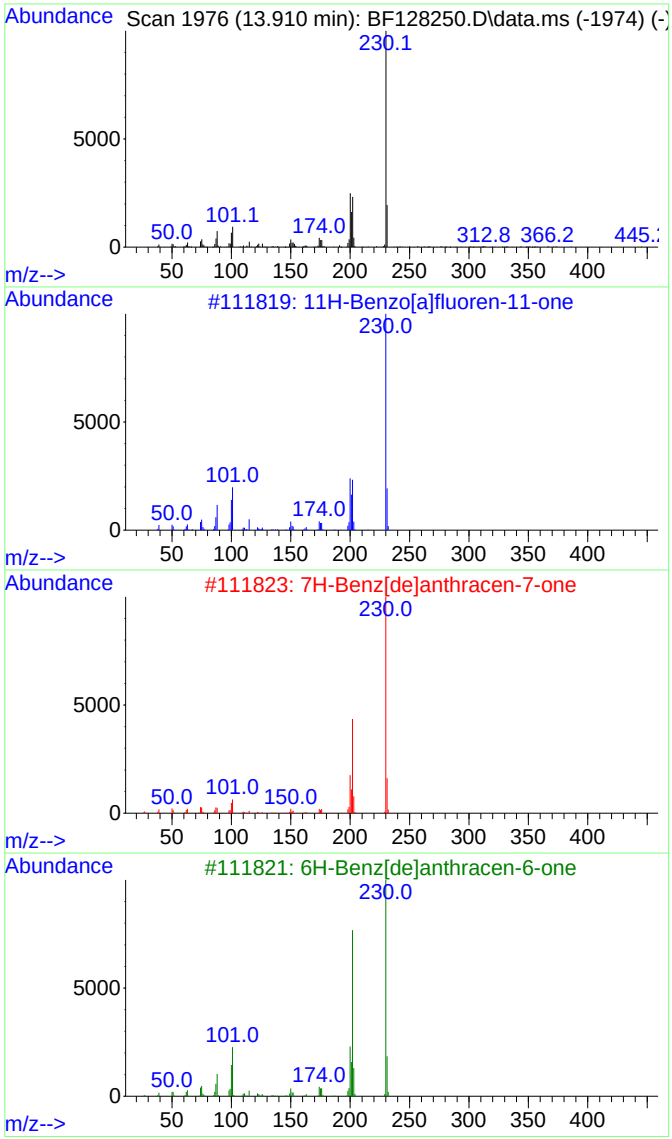
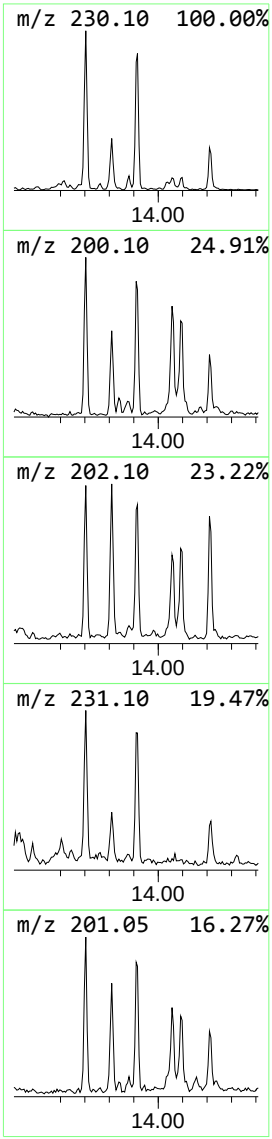
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	3.14 ng	238020	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
5	m-Terphenyl	230	C18H14	000092-06-8	53





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Sample : N2823-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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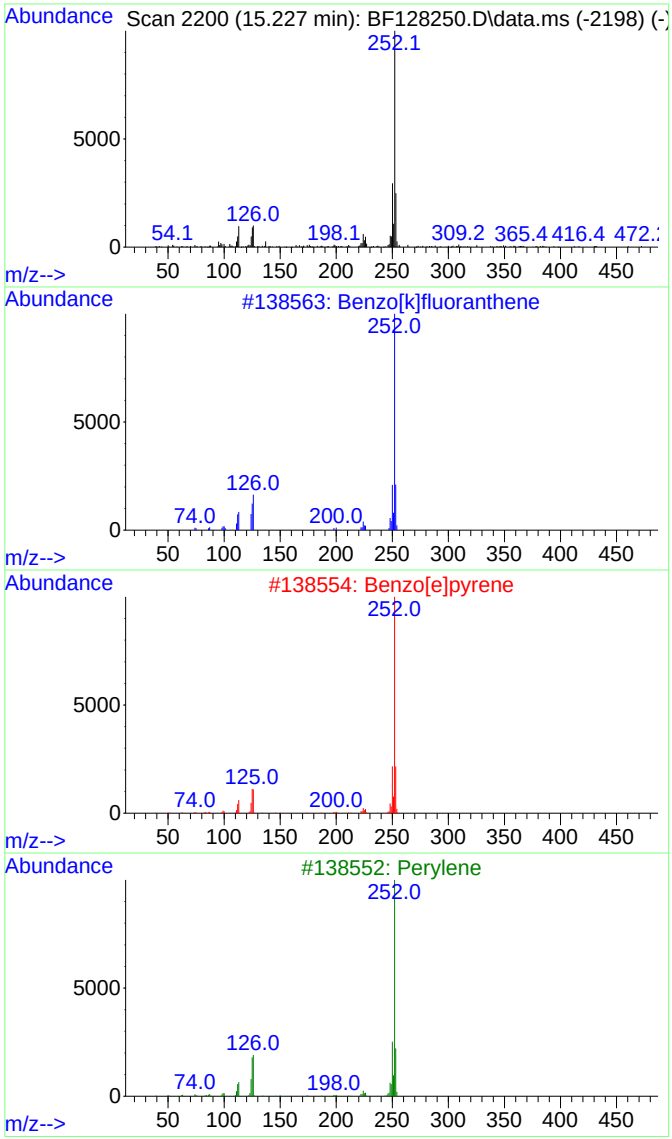
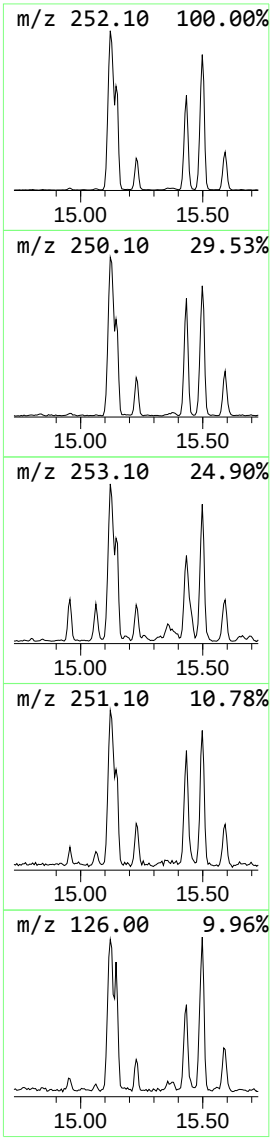
Peak Number 19 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	6.18 ng	113201	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128250.D
Acq On : 13 May 2022 20:37
Operator : CG\JU
Sample : N2823-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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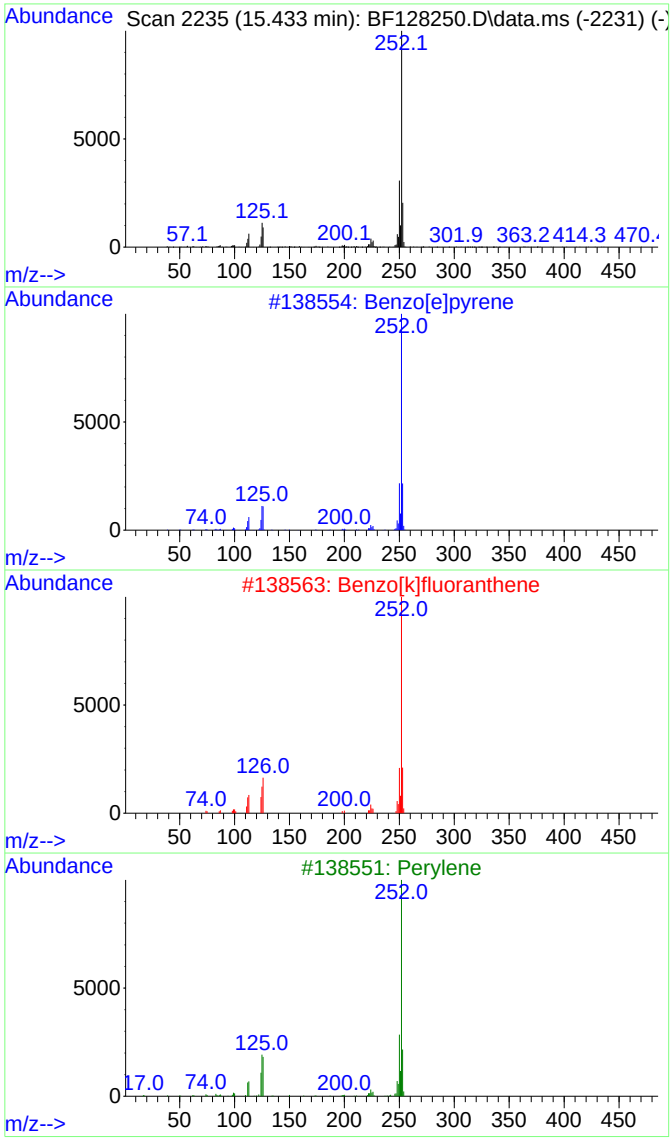
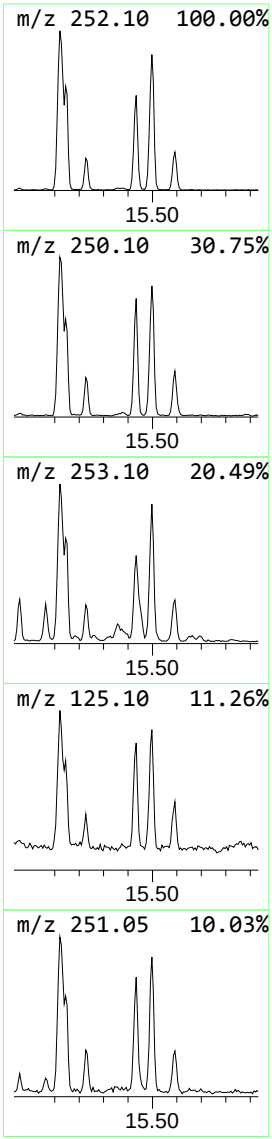
Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	24.54 ng	449258	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128250.D
Acq On : 13 May 2022 20:37
Operator : CG\JU
Sample : N2823-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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
9H-Fluoren-9-one	11.227	43.7	ng	991440	4	11.422	453395	20.0
Naphtho[2,3-b]t...	11.316	6.9	ng	155564	4	11.422	453395	20.0
Anthracene, 9-e...	11.710	3.3	ng	74111	4	11.422	453395	20.0
Anthrone	11.751	7.0	ng	159150	4	11.422	453395	20.0
Phenanthrene, 1...	11.922	13.4	ng	303867	4	11.422	453395	20.0
Phenanthrene, 2...	11.951	17.5	ng	395763	4	11.422	453395	20.0
4H-Cyclopenta[d...	12.033	13.1	ng	297825	4	11.422	453395	20.0
Anthracene, 2-m...	12.057	7.3	ng	164859	4	11.422	453395	20.0
Hexadecane	12.104	3.7	ng	84375	4	11.422	453395	20.0
Naphthalene, 2-...	12.216	12.0	ng	272409	4	11.422	453395	20.0
9,10-Anthracene...	12.257	78.1	ng	1769650	4	11.422	453395	20.0
Phenanthrene, 2...	12.469	4.3	ng	97744	4	11.422	453395	20.0
Tetradecane	12.492	5.1	ng	116241	4	11.422	453395	20.0
Cyclopenta(def)...	12.569	25.6	ng	579579	4	11.422	453395	20.0
Pyrene, 1-methyl-	13.086	3.5	ng	261423	5	14.069	1517530	20.0
11H-Benzo[a]flu...	13.704	3.3	ng	250141	5	14.069	1517530	20.0
Cyclopenta[cd]p...	13.868	3.7	ng	280974	5	14.069	1517530	20.0
7H-Benz[de]anth...	13.910	3.1	ng	238020	5	14.069	1517530	20.0
Benzo[e]pyrene	15.227	6.2	ng	113201	6	15.563	366117	20.0
Perylene	15.433	24.5	ng	449258	6	15.563	366117	20.0