LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134912.D
Acq On : 23 Aug 2023 19:18
Operator : CG\JU
Sample : 04082-03 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 364

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134912.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	563	566	576	rVB	170883	168099	12.55%	1.009%
2	6.428	734	738	753	rBV	174539	198982	14.86%	1.194%
3	6.792	796	800	804	rBV	871564	687514	51.34%	4.125%
4	7.351	891	895	900	rBV	123144	104012	7.77%	0.624%
5	8.075	1014	1018	1020	rBV	954042	864262	64.54%	5.186%
6	8.092	1020	1021	1025	rVB	111337	76160	5.69%	0.457%
7	8.786	1134	1139	1146	rBV	130079	107161	8.00%	0.643%
8	8.886	1151	1156	1160	rVV	103527	89486	6.68%	0.537%
9	9.151	1197	1201	1206	rBV	259532	225588	16.85%	1.354%
10	9.251	1216	1218	1224	rVB	18867	16376	1.22%	0.098%
11	9.345	1232	1234	1240	rVB	18793	22286	1.66%	0.134%
12	9.416	1240	1246	1250	rBV	54807	76971	5.75%	0.462%
13	9.486	1255	1258	1261	rBV	105542	100381	7.50%	0.602%
14	9.516	1261	1263	1266	rVB	56437	39622	2.96%	0.238%
15	9.604	1274	1278	1284	rBV	46403	52093	3.89%	0.313%
16	9.692	1287	1293	1297	rVB	59468	59462	4.44%	0.357%
17	9.833	1310	1317	1320	rBV	951103	890851	66.53%	5.345%
18	9.863	1320	1322	1326	rVB	122398	95168	7.11%	0.571%
19	9.939	1331	1335	1339	rBV2	21361	27604	2.06%	0.166%
20	10.033	1348	1351	1355	rBV	95422	85717	6.40%	0.514%
21	10.075	1355	1358	1361	rVB	46883	38362	2.86%	0.230%
22	10.151	1366	1371	1373	rBV	38083	41554	3.10%	0.249%
23	10.180	1373	1376	1379	rVB	31878	25765	1.92%	0.155%
24	10.239	1382	1386	1388	rBV	28490	37461	2.80%	0.225%
25	10.333	1396	1402	1407	rBV3	18355	32921	2.46%	0.198%
26	10.380	1407	1410	1416	rVB	110417	102909	7.68%	0.617%
27	10.445	1416	1421	1423	rBV	24842	31940	2.39%	0.192%
28	10.539	1434	1437	1443	rVB2	42593	42034	3.14%	0.252%
29	10.622	1446	1451	1455	rVV	150565	144890	10.82%	0.869%
30	10.669	1455	1459	1463	rVB3	15258	17274	1.29%	0.104%
31	10.751	1468	1473	1480	rVB3	34585	43662	3.26%	0.262%
32	10.933	1498	1504	1506	rBV3	34188	45885	3.43%	0.275%
33	10.957	1506	1508	1511	rVB2	21652	20194	1.51%	0.121%
34	11.127	1534	1537	1541	rVB	94624	79727	5.95%	0.478%
35	11.169	1541	1544	1547	rVV	21945	27317	2.04%	0.164%
36	11.221	1550	1553	1559	rVB	93164	92650	6.92%	0.556%

LSC Area Percent Report

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Acq On : 23 Aug 2023 19:18
Operator : CG\JU
Sample : 04082-03 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
364

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.327	1567	1571	1572	rBV	868354	797988	59.59%	4.788%
38	11.351	1572	1575	1578	rVV	1333498	1114712	83.24%	6.688%
39	11.398	1578	1583	1586	rVV	257883	219644	16.40%	1.318%
40	11.433	1586	1589	1593	rVV3	37199	38024	2.84%	0.228%
41	11.504	1599	1601	1604	rVB2	19669	17076	1.28%	0.102%
42	11.557	1604	1610	1613	rBV	98692	100561	7.51%	0.603%
43	11.621	1619	1621	1624	rVV	35016	26504	1.98%	0.159%
44	11.657	1624	1627	1632	rVB2	65768	56967	4.25%	0.342%
45	11.739	1639	1641	1645	rVB	32611	31416	2.35%	0.188%
46	11.780	1645	1648	1650	rBV	25779	22087	1.65%	0.133%
47	11.827	1653	1656	1658	rVV	212319	175643	13.12%	1.054%
48	11.857	1658	1661	1666	rVV	293868	243671	18.20%	1.462%
49	11.904	1666	1669	1672	rVV	66441	58212	4.35%	0.349%
50	11.939	1672	1675	1677	rVV	251227	237298	17.72%	1.424%
51	11.963	1677	1679	1684	rVB	143271	117645	8.79%	0.706%
52	12.016	1684	1688	1689	rBV2	25297	25614	1.91%	0.154%
53	12.033	1689	1691	1694	rVV3	21081	21381	1.60%	0.128%
54	12.063	1694	1696	1698	rVB	22273	16735	1.25%	0.100%
55	12.127	1704	1707	1709	rBV	115616	103433	7.72%	0.621%
56	12.151	1709	1711	1715	rVB2	87182	81422	6.08%	0.489%
57	12.257	1727	1729	1730	rBV	20386	17354	1.30%	0.104%
58	12.274	1730	1732	1735	rVV	57249	53498	4.00%	0.321%
59	12.310	1735	1738	1740	rVV	77556	75047	5.60%	0.450%
60	12.333	1740	1742	1744	rVB	53605	38347	2.86%	0.230%
61	12.380	1747	1750	1753	rVV	143407	144540	10.79%	0.867%
62	12.416	1753	1756	1759	rVV3	68969	97969	7.32%	0.588%
63	12.439	1759	1760	1762	rVB	47777	22561	1.68%	0.135%
64	12.468	1762	1765	1769	rBV	134327	137853	10.29%	0.827%
65	12.545	1774	1778	1781	rBV	1567036	1286670	96.08%	7.720%
66	12.592	1783	1786	1787	rBV2	33083	30680	2.29%	0.184%
67	12.698	1801	1804	1807	rVB	43729	44515	3.32%	0.267%
68	12.774	1811	1817	1820	rBV	1356095	1339108	100.00%	8.035%
69	12.833	1823	1827	1830	rVB2	58583	77384	5.78%	0.464%
70	12.892	1833	1837	1839	rBV2	61455	71065	5.31%	0.426%
71	12.916	1839	1841	1849	rVB2	224741	274423	20.49%	1.647%
72	12.998	1850	1855	1858	rBV3	88678	136395	10.19%	0.818%
73	13.080	1866	1869	1870	rBV2	70658	72499	5.41%	0.435%
74	13.104	1871	1873	1876	rVB	117365	97506	7.28%	0.585%
75	13.168	1882	1884	1887	rVB	72522	59101	4.41%	0.355%
76	13.210	1887	1891	1894	rBV2	150321	153534	11.47%	0.921%

LSC Area Percent Report

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Acq On : 23 Aug 2023 19:18
Operator : CG\JU
Sample : 04082-03 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
364

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.298	1904	1906	1909	rVB	88525	80900	6.04%	0.485%
78	13.333	1909	1912	1915	rBV	94810	94618	7.07%	0.568%
79	13.615	1957	1960	1965	rVB	119064	130100	9.72%	0.781%
80	13.727	1975	1979	1982	rBV2	100231	135094	10.09%	0.811%
81	13.757	1982	1984	1986	rVV	63548	47436	3.54%	0.285%
82	13.774	1986	1987	1989	rVV	51942	45209	3.38%	0.271%
83	13.827	1993	1996	1999	rVV	94326	94456	7.05%	0.567%
84	13.980	2017	2022	2024	rBV2	794940	1076140	80.36%	6.457%
85	14.004	2024	2026	2029	rVB	432003	332419	24.82%	1.995%
86	14.080	2034	2039	2043	rBV2	454224	479741	35.83%	2.878%
87	14.368	2086	2088	2091	rVB	93970	75908	5.67%	0.455%
88	15.021	2196	2199	2203	rBV	304783	483540	36.11%	2.901%
89	15.327	2248	2251	2257	rVB	182935	241465	18.03%	1.449%
90	15.392	2258	2262	2268	rVB	269703	338662	25.29%	2.032%
91	15.457	2269	2273	2276	rBV	380192	462509	34.54%	2.775%

Sum of corrected areas: 16666619

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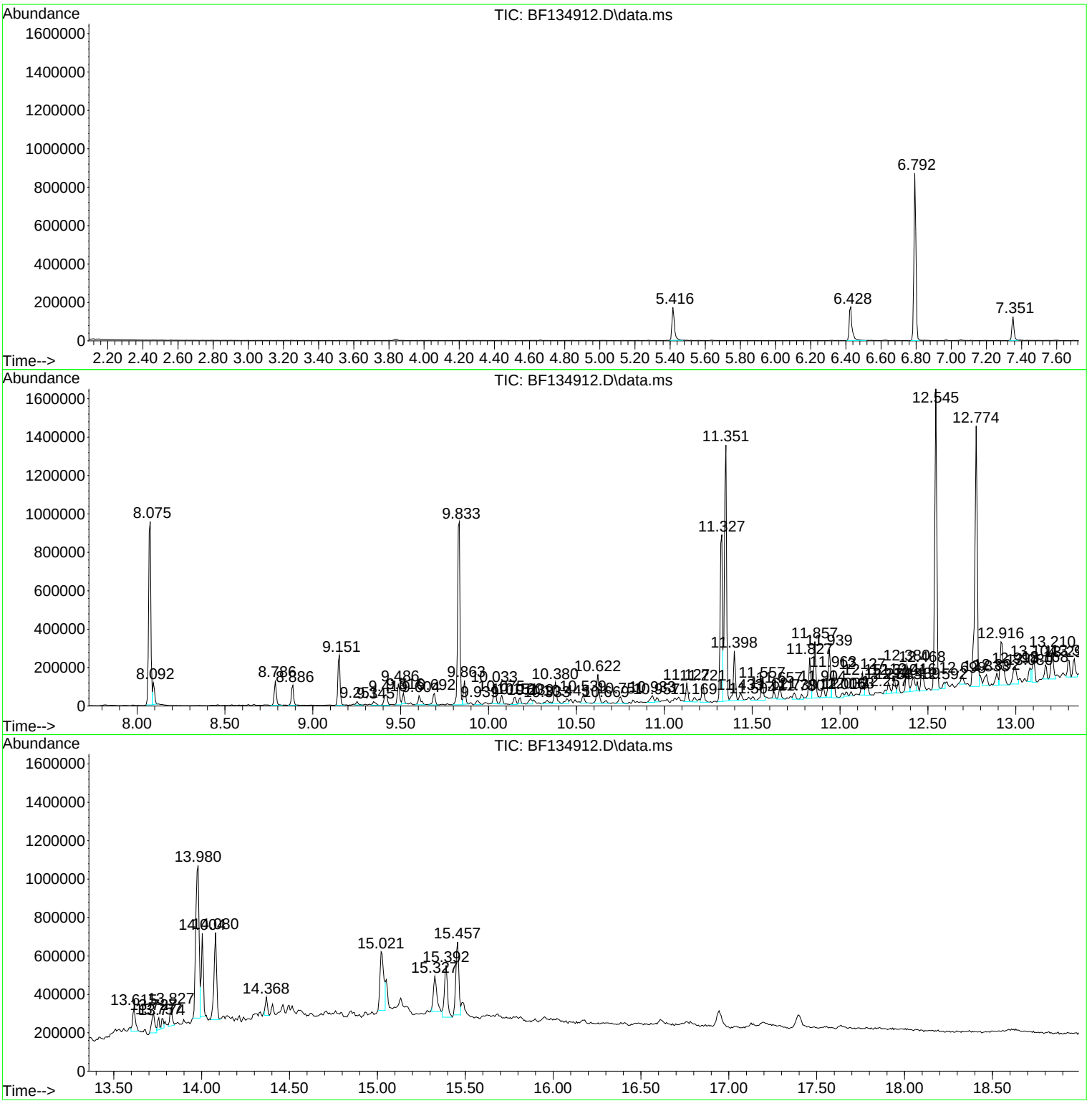
Sample : 04082-03 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
364

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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\BF082323\
Data File : BF134912.D
Acq On : 23 Aug 2023 19:18
Operator : CG\JU
Sample : 04082-03 10X
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

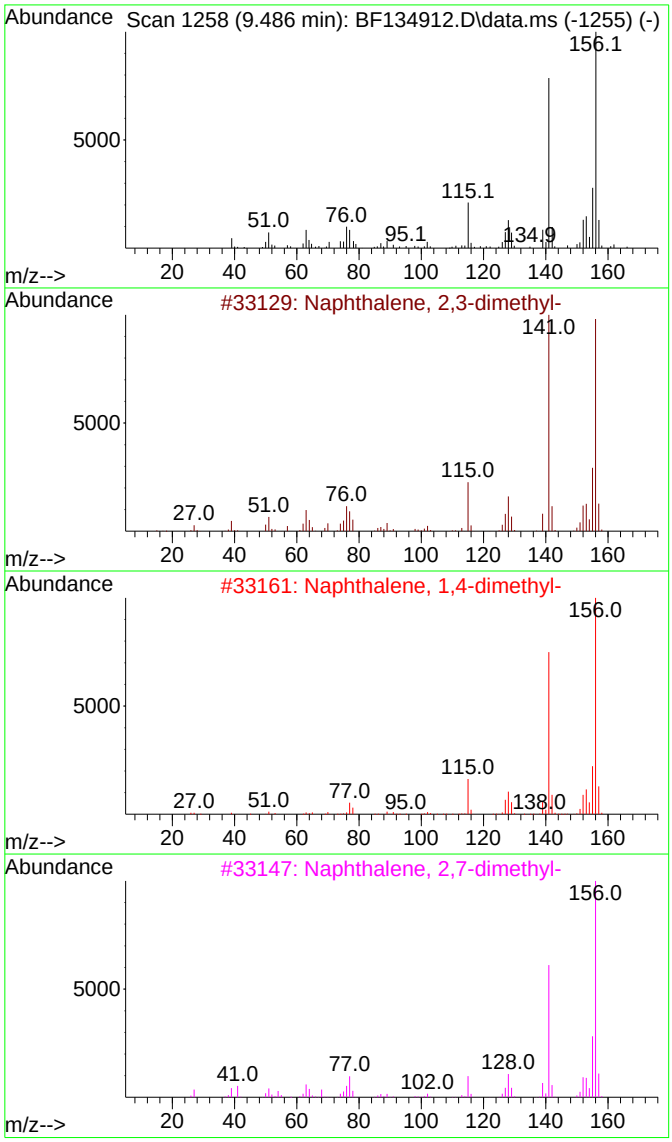
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

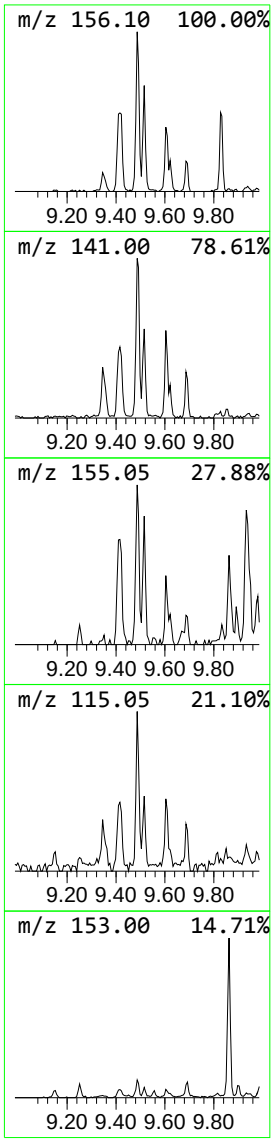
****

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	2.25 ng	100381	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134912.D
Acq On : 23 Aug 2023 19:18
Operator : CG\JU
Sample : 04082-03 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
364

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

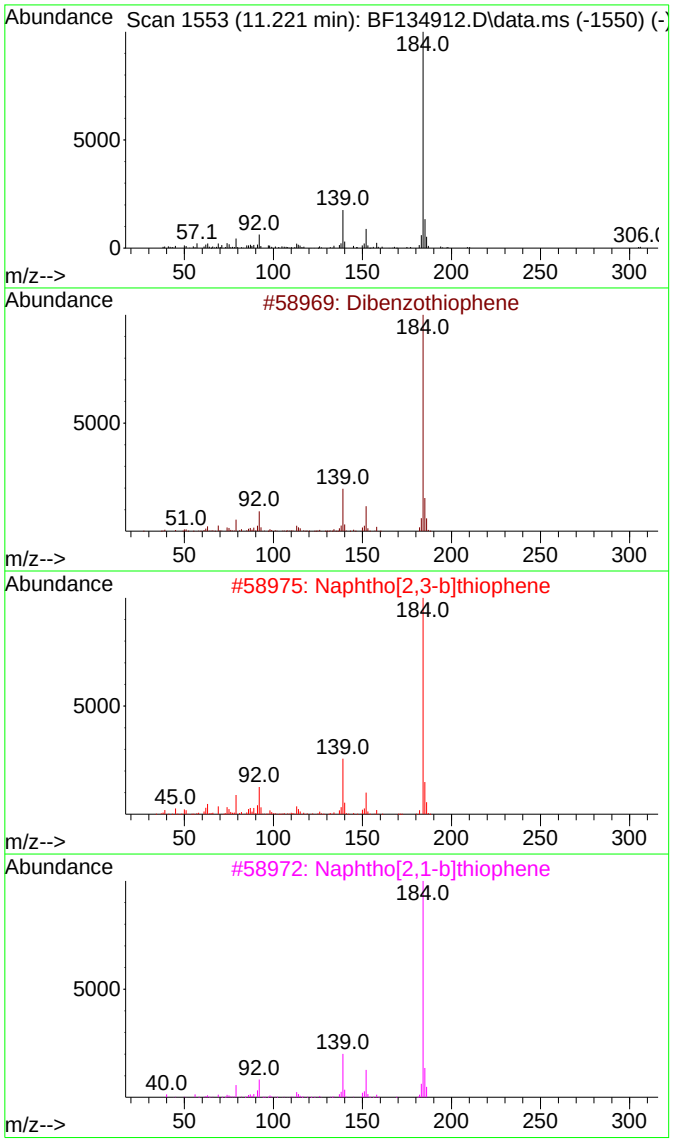
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

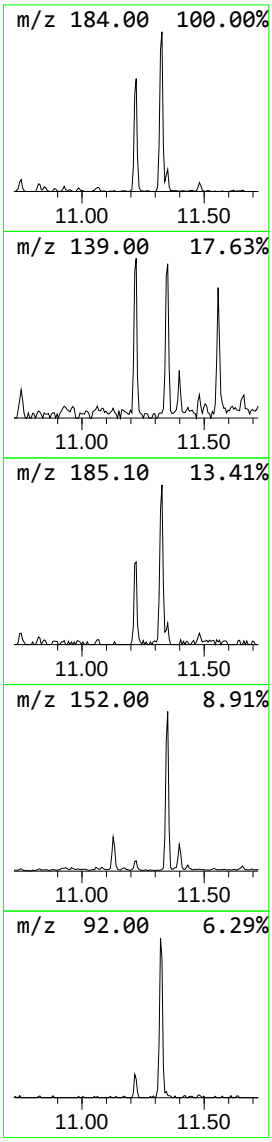
****

Peak Number 2 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	2.32 ng	92650	Phenanthrene-d10	11.327

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	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134912.D
Acq On : 23 Aug 2023 19:18
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Sample : 04082-03 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

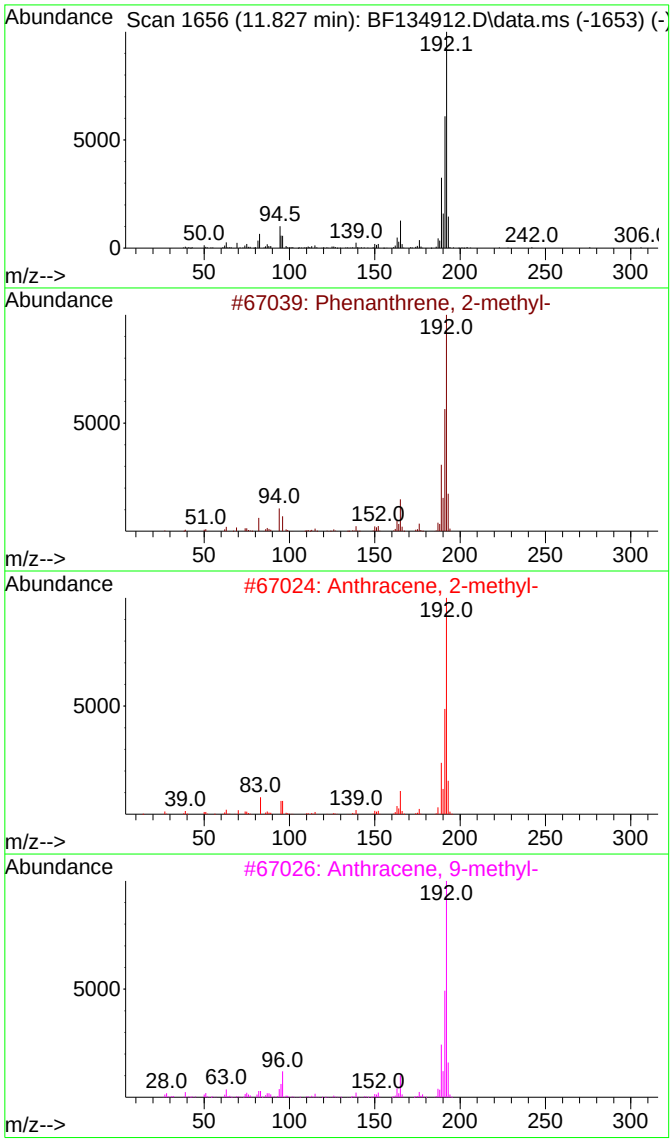
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

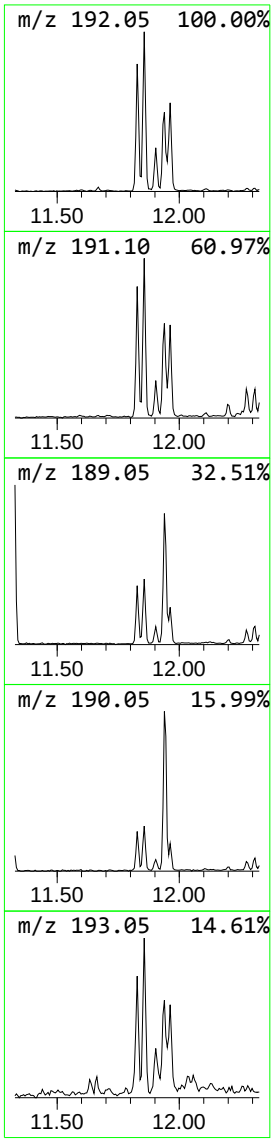
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	4.40 ng	175643	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134912.D
Acq On : 23 Aug 2023 19:18
Operator : CG\JU
Sample : 04082-03 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

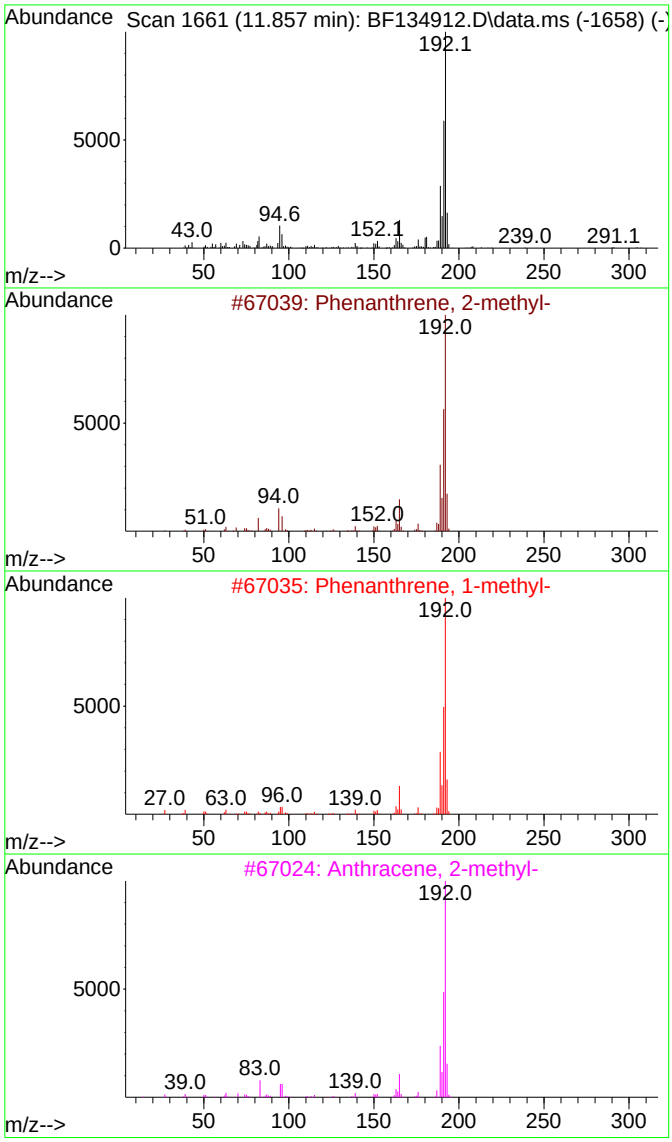
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

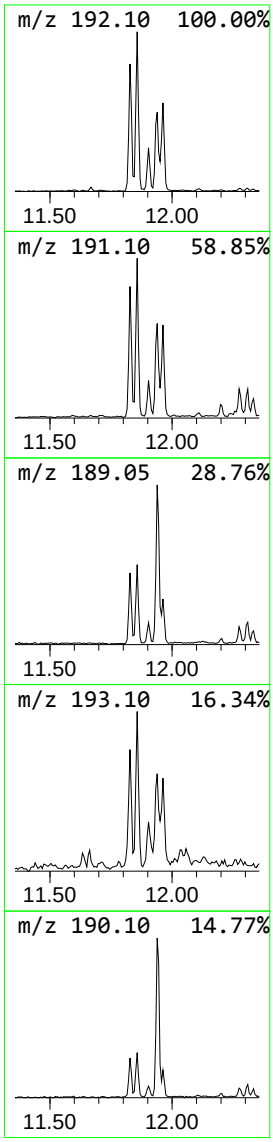
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	6.11 ng	243671	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134912.D
Acq On : 23 Aug 2023 19:18
Operator : CG\JU
Sample : 04082-03 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
364

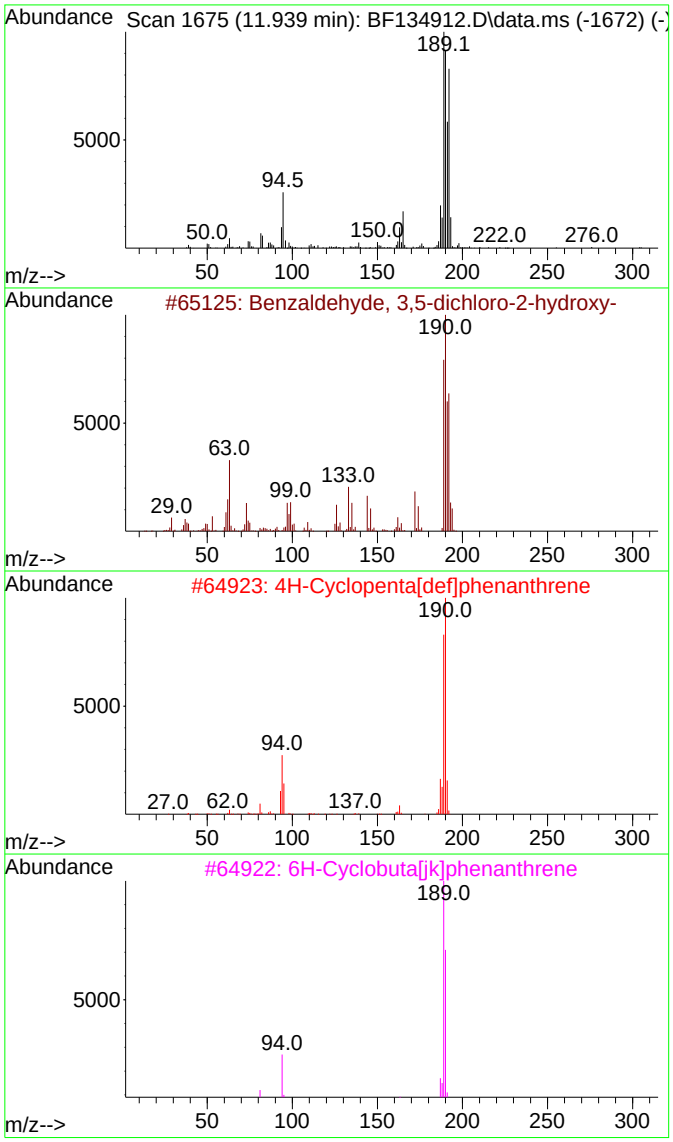
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

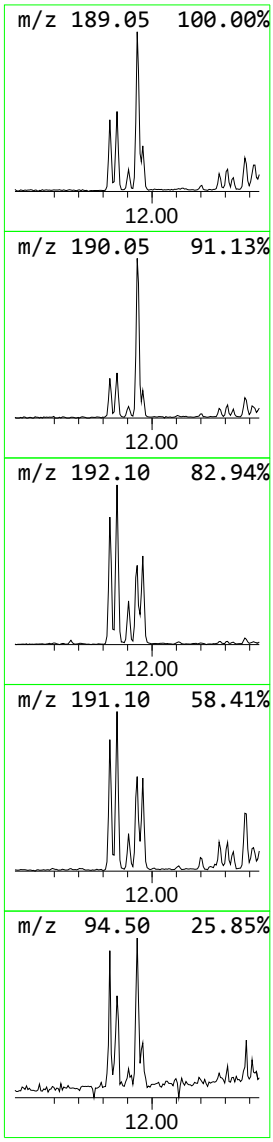
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	5.95 ng	237298	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134912.D
Acq On : 23 Aug 2023 19:18
Operator : CG\JU
Sample : 04082-03 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
364

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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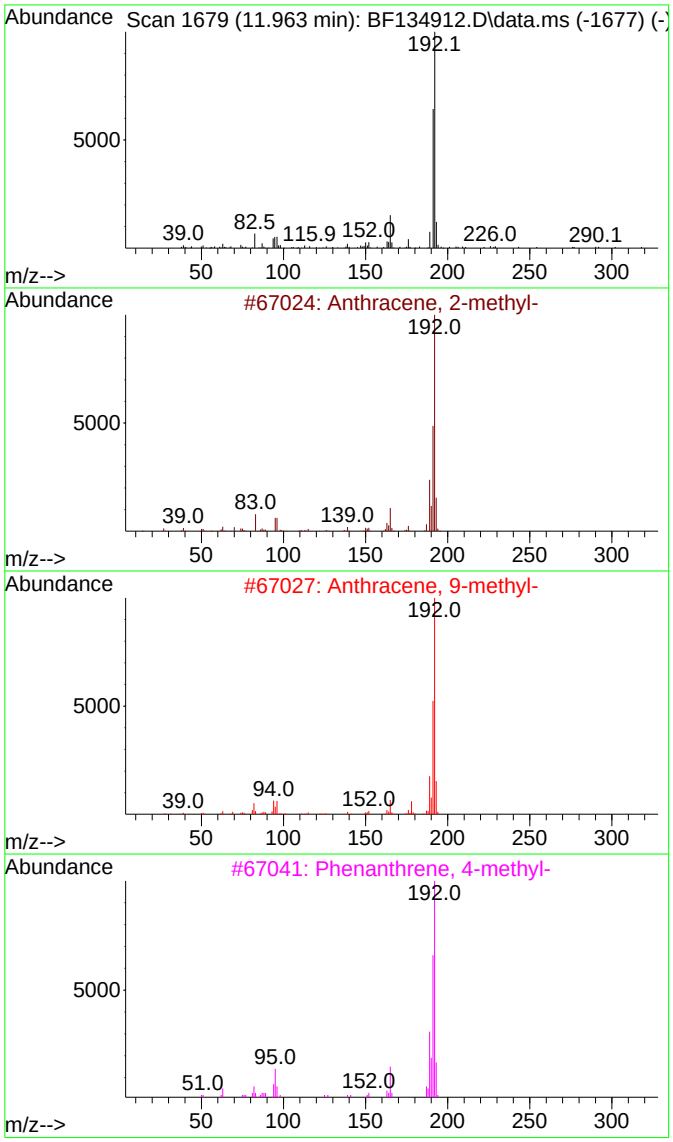
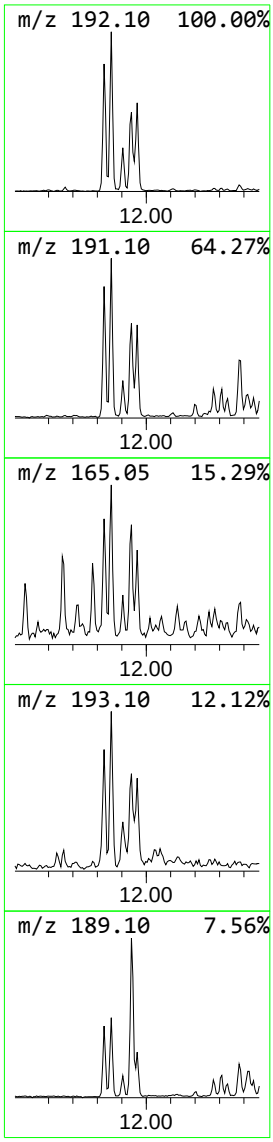
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	2.95 ng	117645	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





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Acq On : 23 Aug 2023 19:18
Operator : CG\JU
Sample : 04082-03 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
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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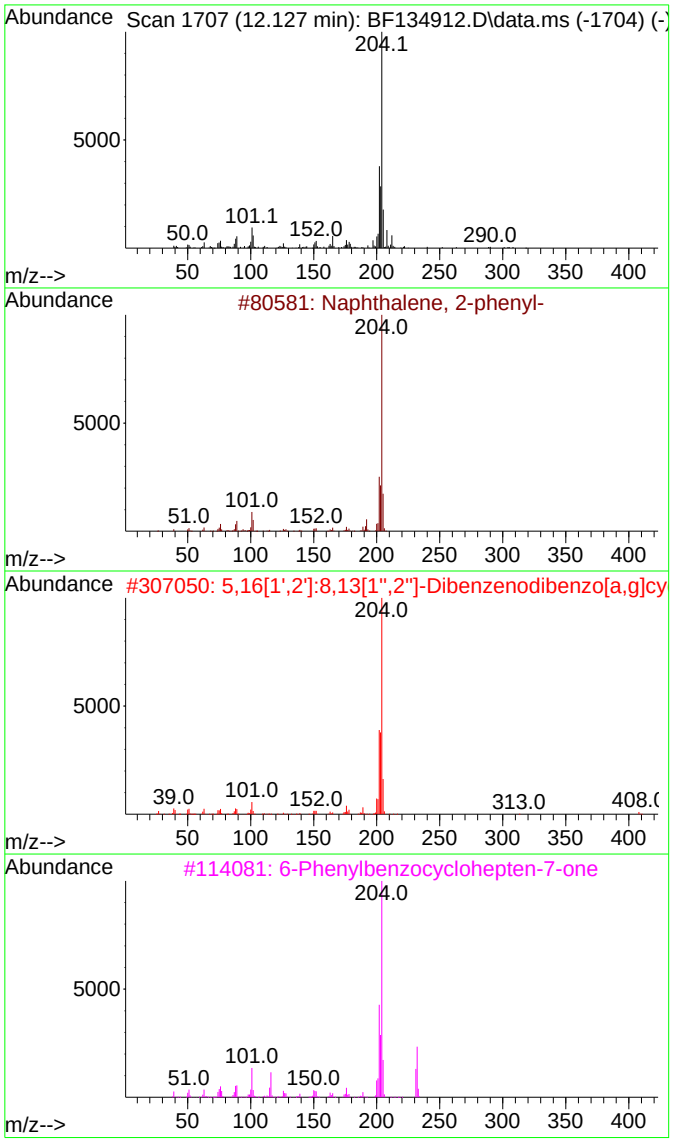
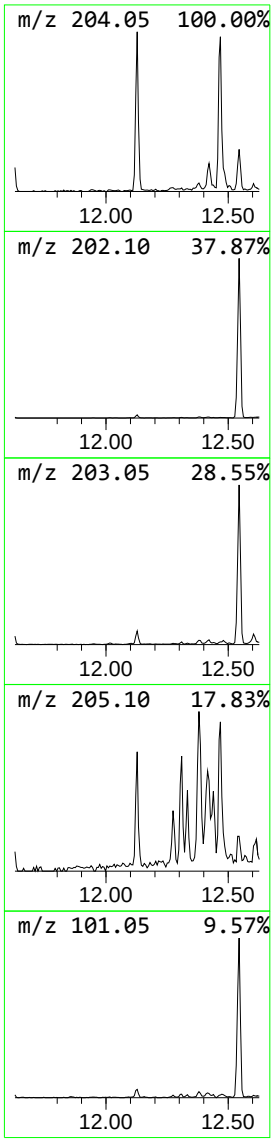
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.127	2.59 ng	103433	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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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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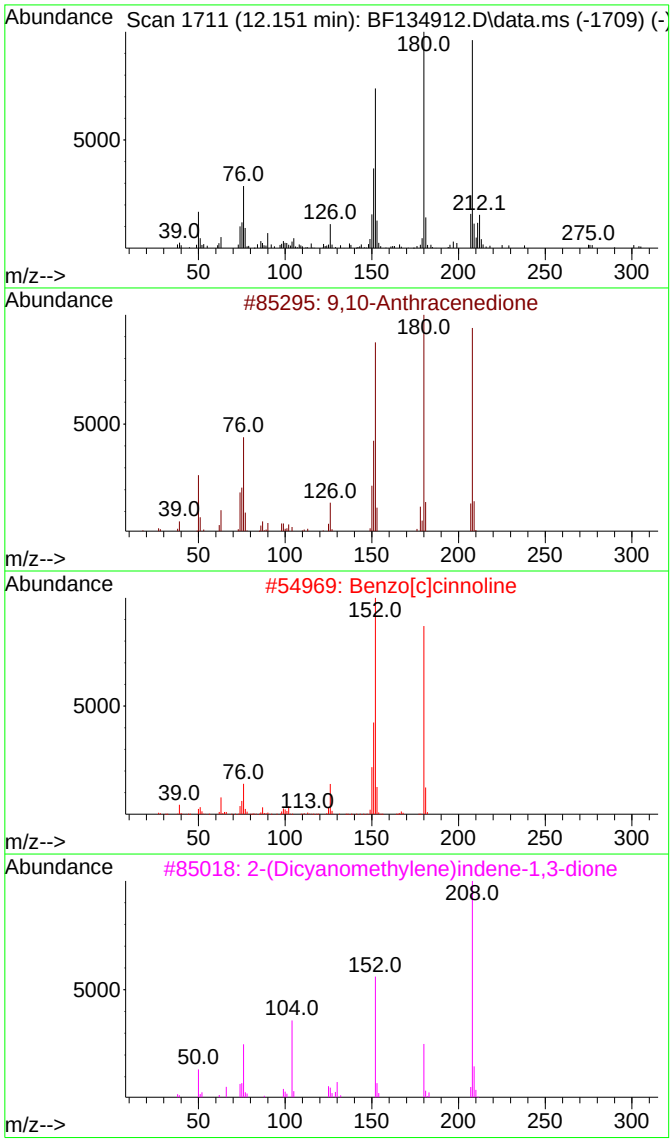
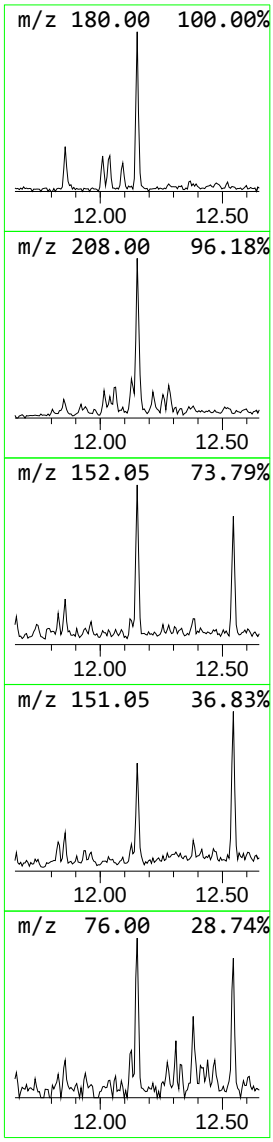
Peak Number 8 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	2.04 ng	81422	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	58
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53





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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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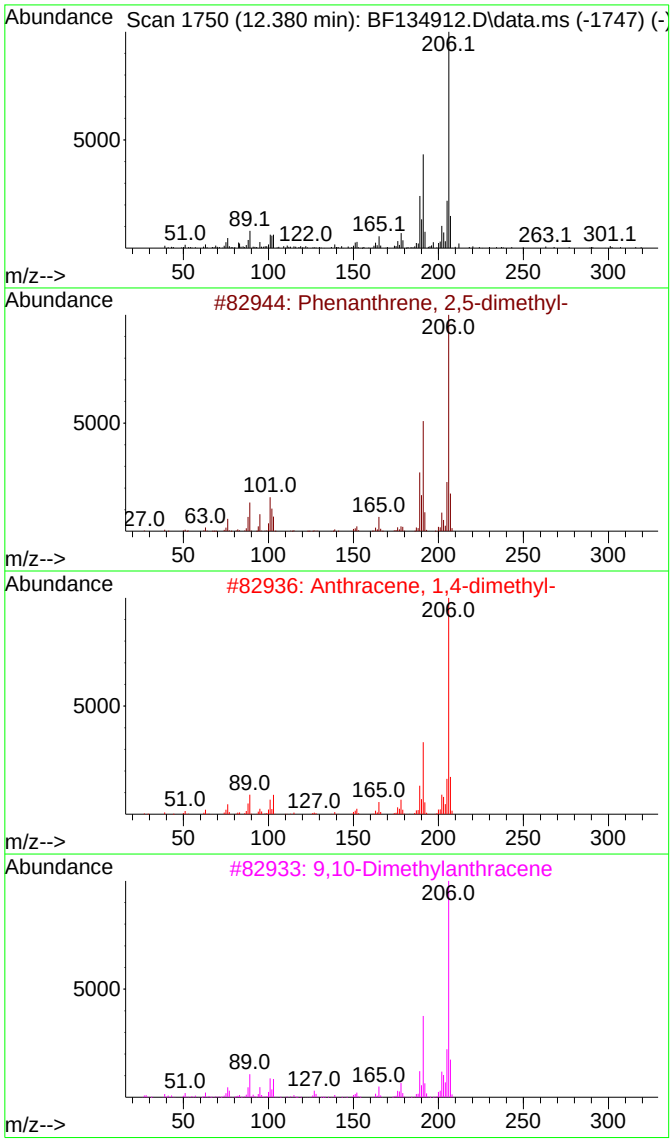
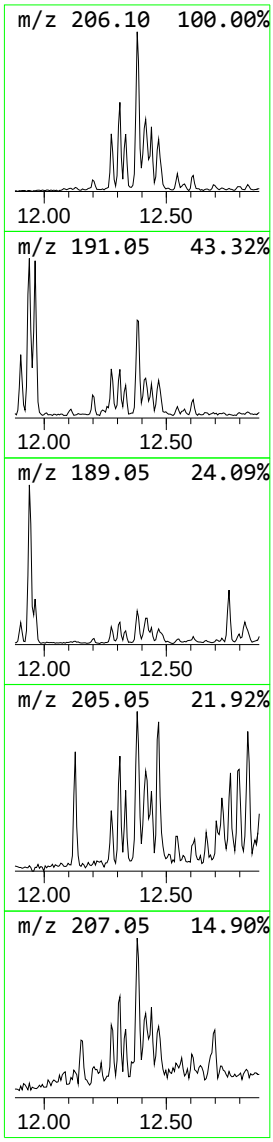
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	3.62 ng	144540	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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ALS Vial : 21 Sample Multiplier: 1

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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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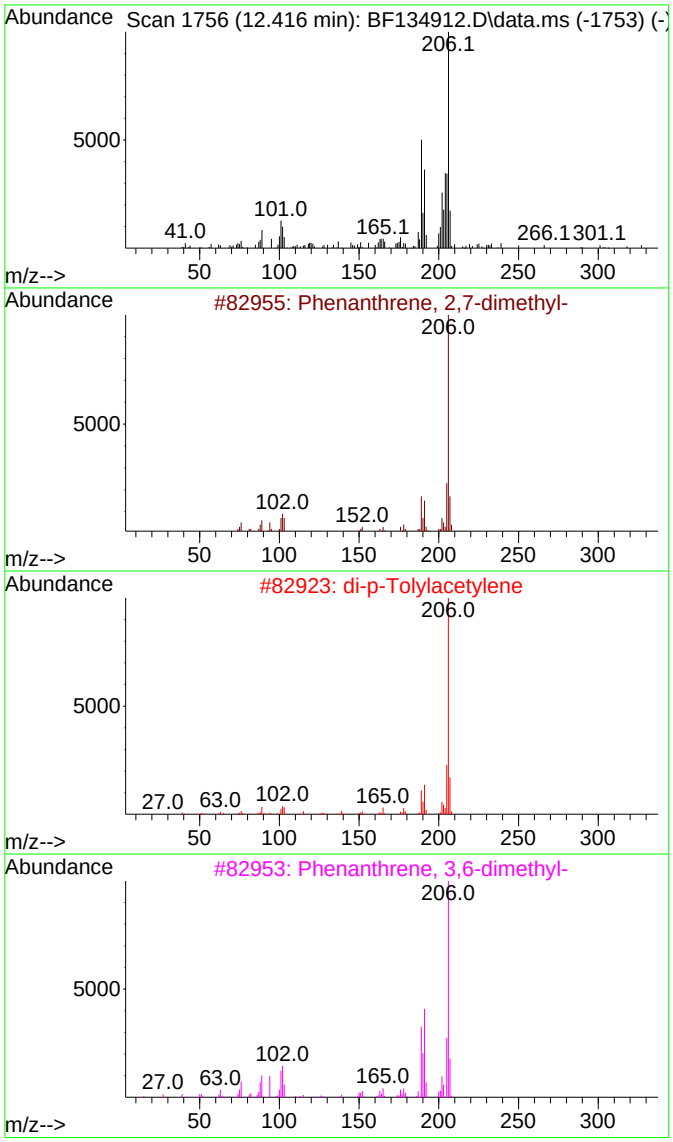
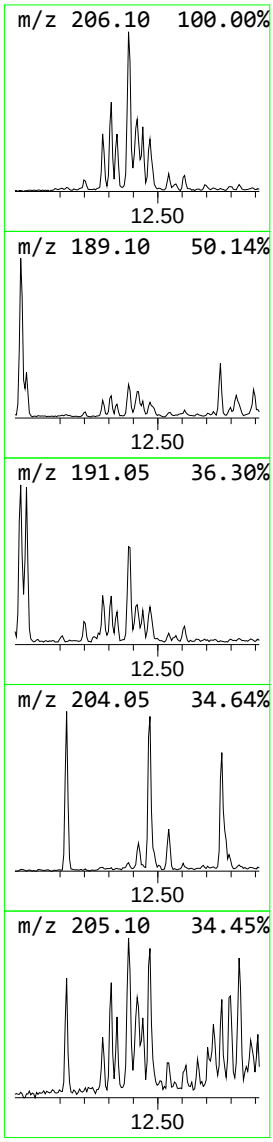
Peak Number 10 Phenanthrene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	2.46 ng	97969	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	70
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	60
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	60





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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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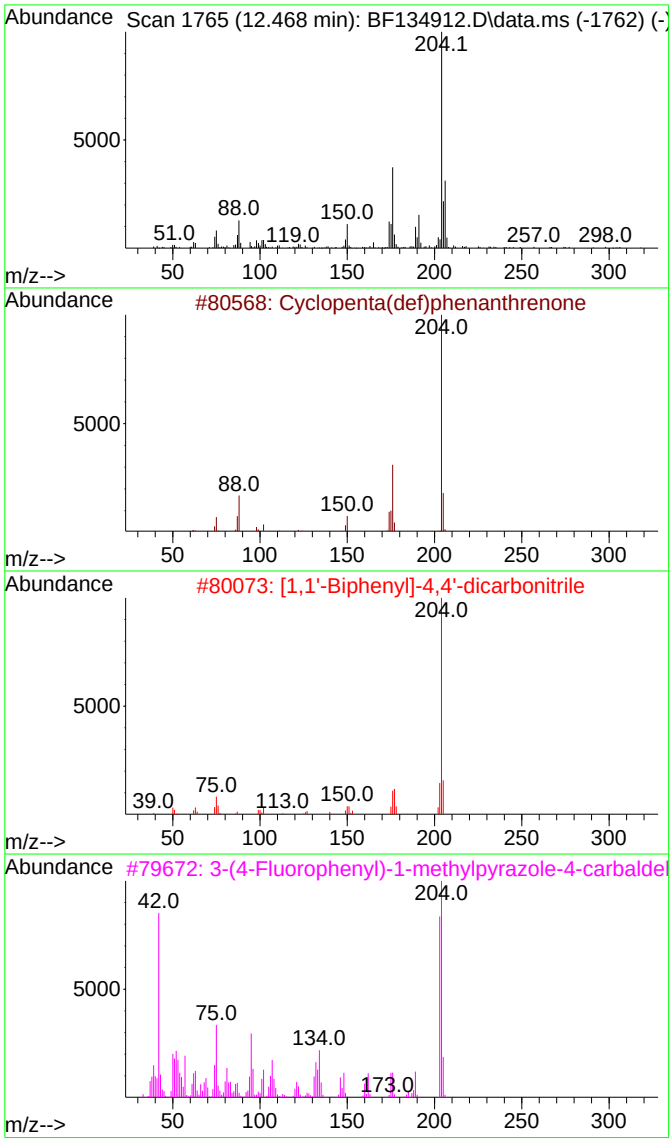
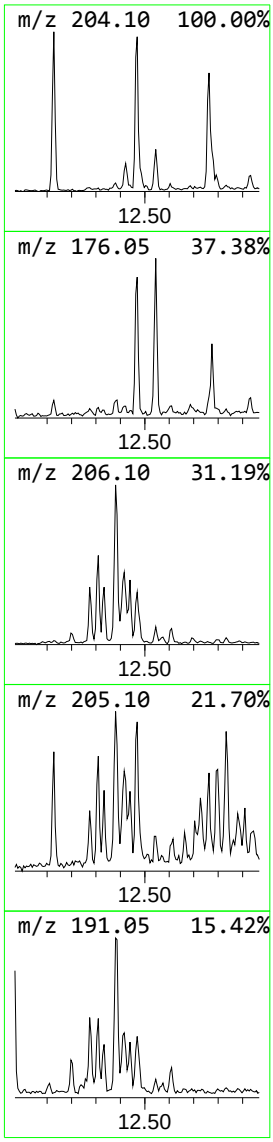
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	3.46 ng	137853	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3	3-(4-Fluorophenyl)-1-methylpyraz...	204	C11H9FN2O	689250-53-1	49
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	47





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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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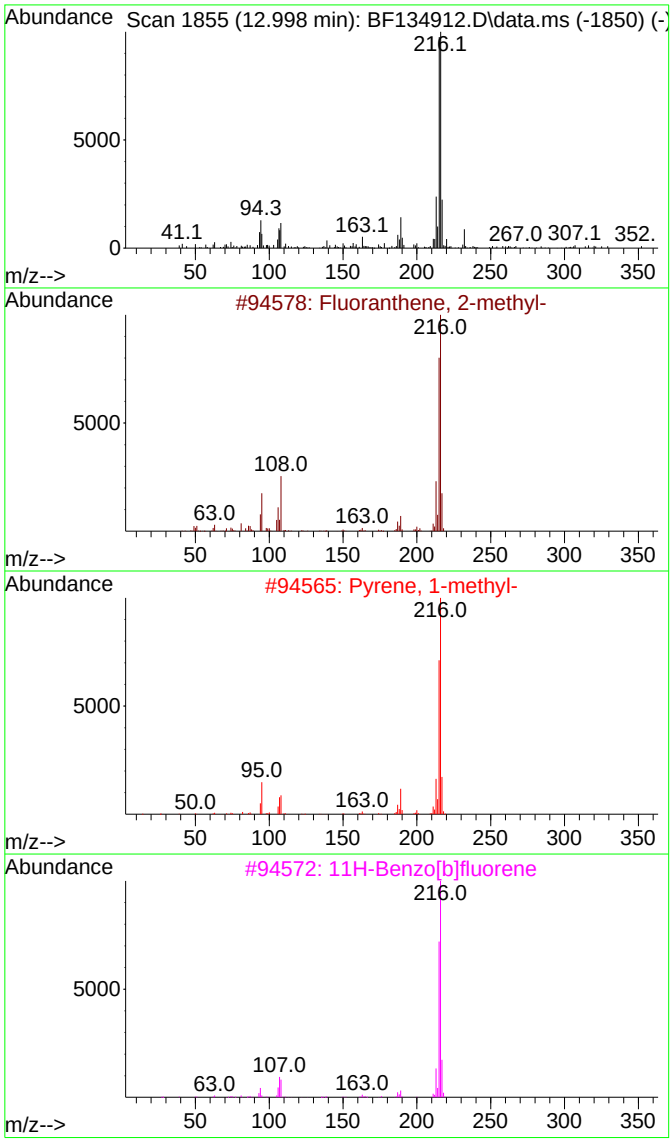
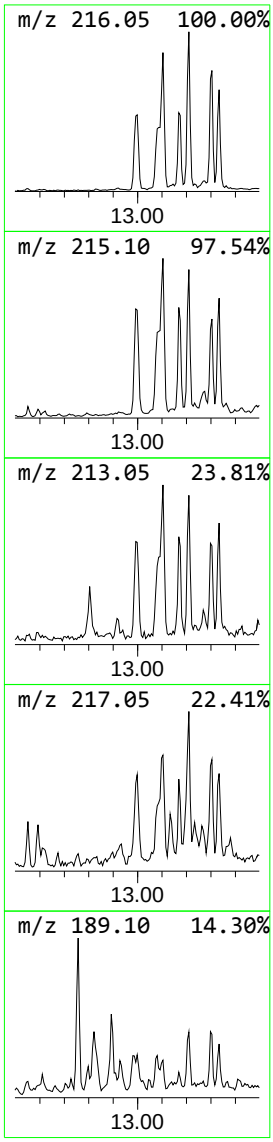
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.998	2.53 ng	136395	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Misc :
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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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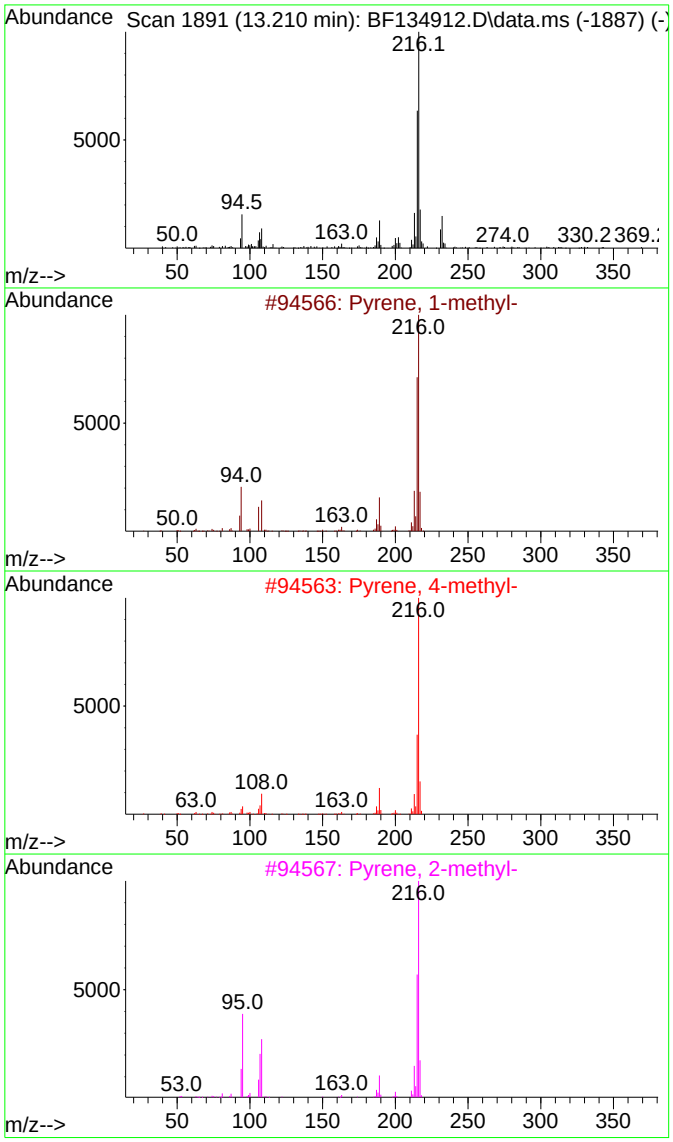
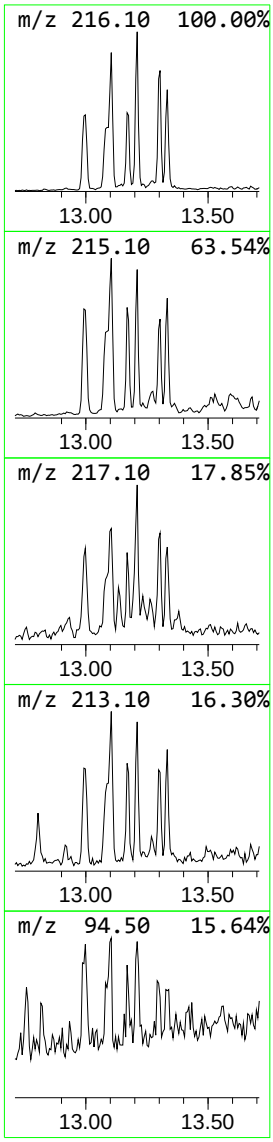
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	2.85 ng	153534	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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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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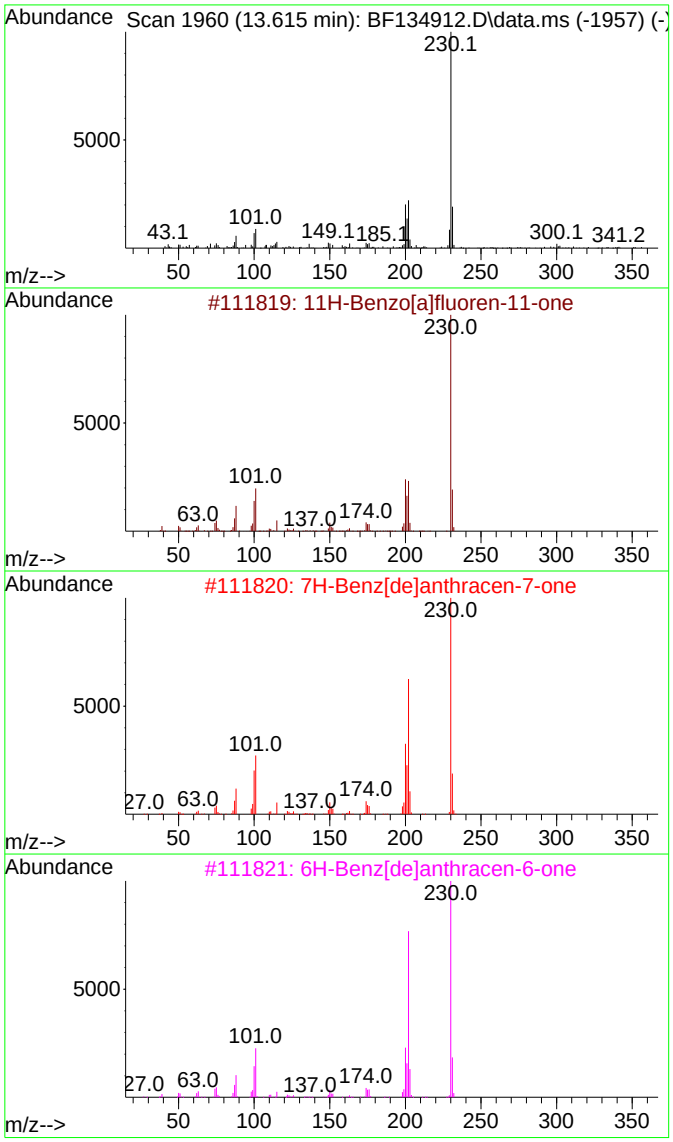
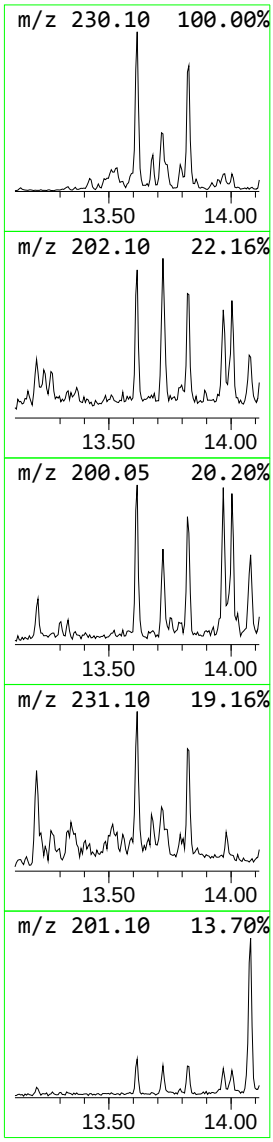
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.616	2.42 ng	130100	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	74
4	o-Terphenyl	230	C18H14	000084-15-1	53
5	m-Terphenyl	230	C18H14	000092-06-8	53





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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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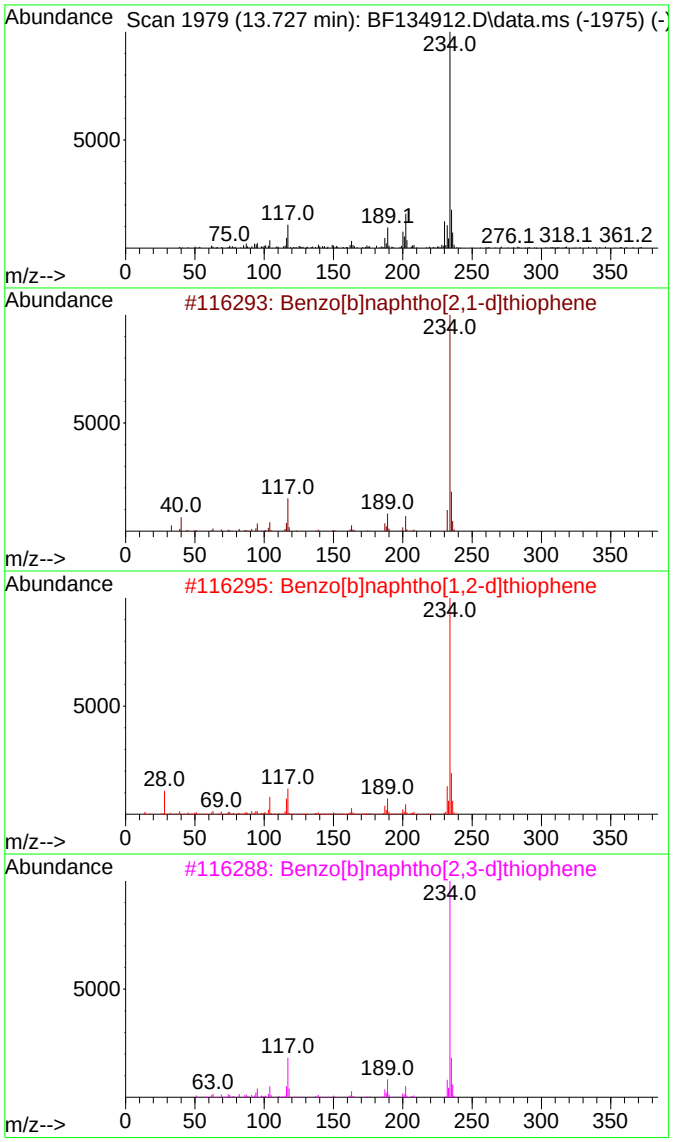
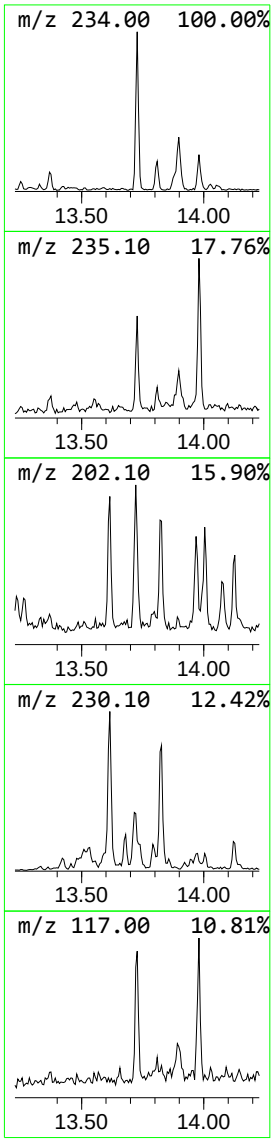
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	2.51 ng	135094	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	87
5	Benzo[1,2-b:4,3-b']dithiophene-4...	234	C11H6O2S2	041552-35-6	53





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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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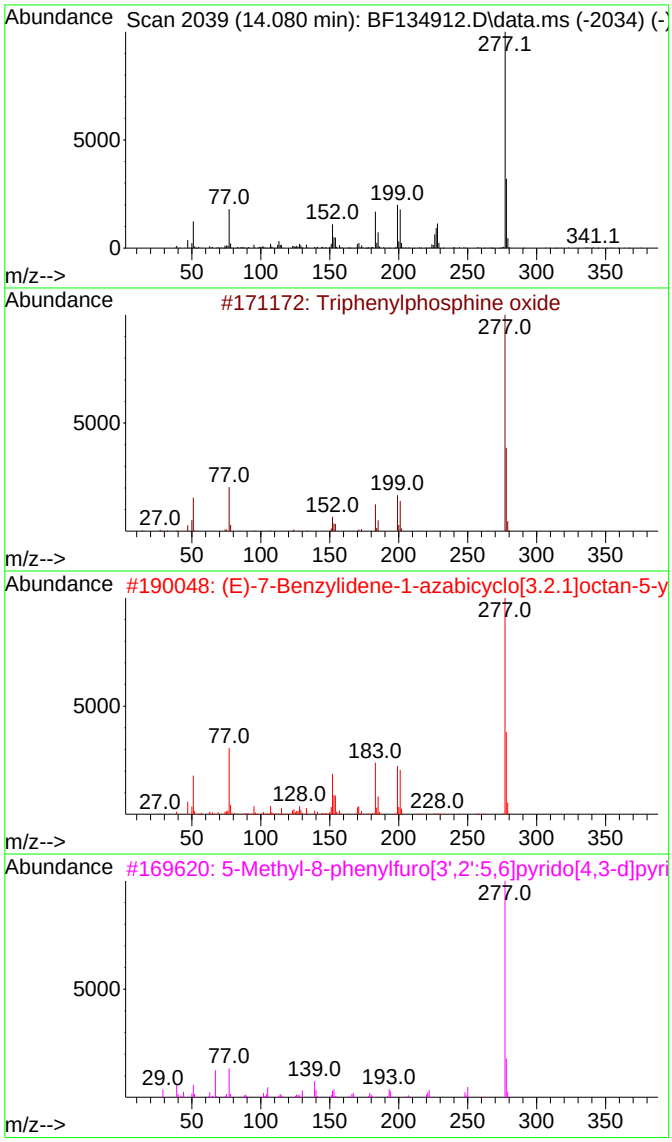
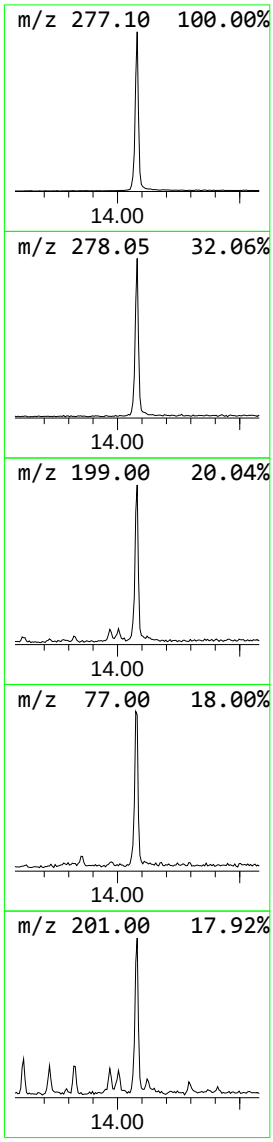
Peak Number 16 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	8.92 ng	479741	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	72
3	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	43
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	38
5	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	32





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TIC Library : C:\Database\NIST20.L
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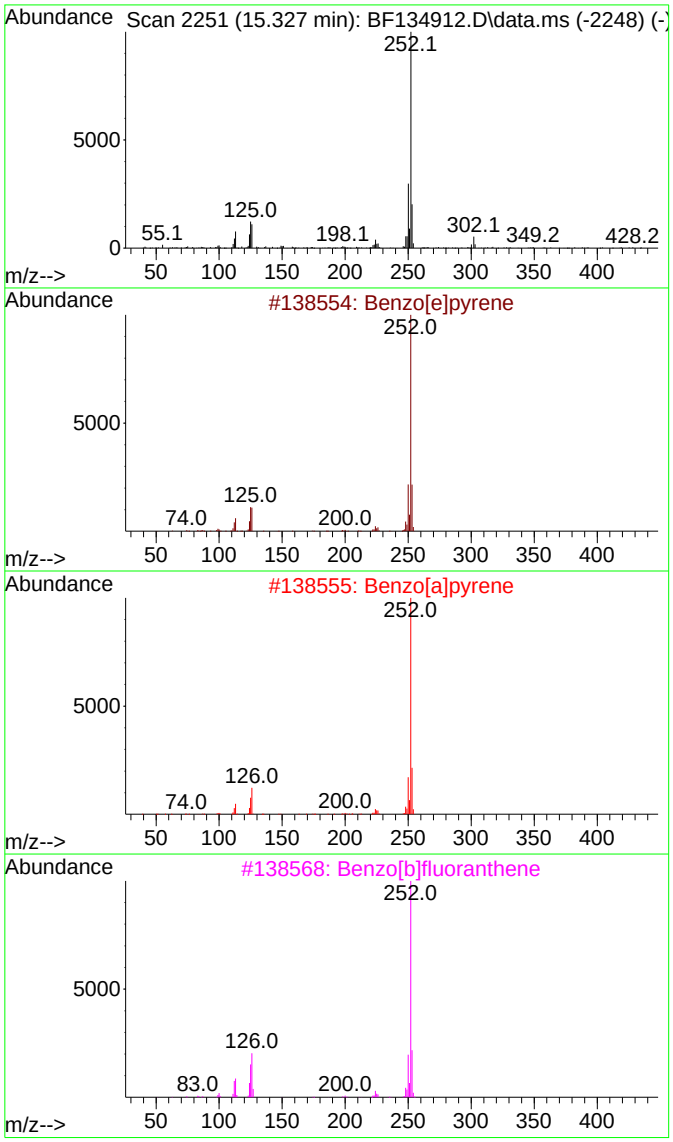
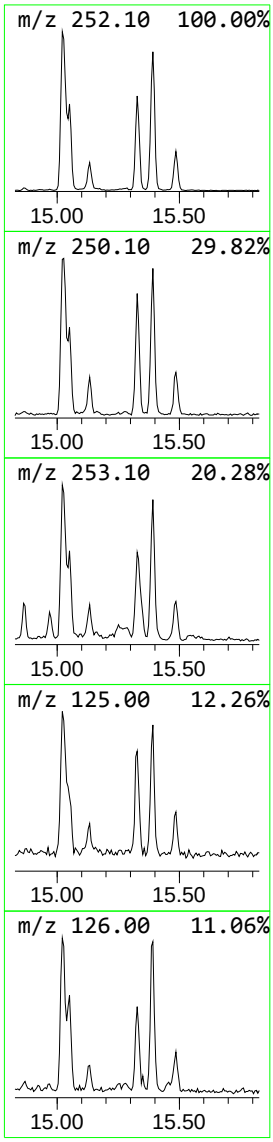
Peak Number 17 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	10.44 ng	241465	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134912.D
Acq On : 23 Aug 2023 19:18
Operator : CG\JU
Sample : 04082-03 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
364

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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
Naphthalene, 2,...	9.486	2.3	ng	100381	3	9.833	890851	20.0
Dibenzothiophene	11.222	2.3	ng	92650	4	11.327	797988	20.0
Phenanthrene, 2...	11.827	4.4	ng	175643	4	11.327	797988	20.0
Phenanthrene, 1...	11.857	6.1	ng	243671	4	11.327	797988	20.0
Benzaldehyde, 3...	11.939	6.0	ng	237298	4	11.327	797988	20.0
Anthracene, 2-m...	11.963	3.0	ng	117645	4	11.327	797988	20.0
Naphthalene, 2-...	12.127	2.6	ng	103433	4	11.327	797988	20.0
9,10-Anthracene...	12.151	2.0	ng	81422	4	11.327	797988	20.0
Phenanthrene, 2...	12.380	3.6	ng	144540	4	11.327	797988	20.0
Phenanthrene, 2...	12.416	2.5	ng	97969	4	11.327	797988	20.0
Cyclopenta(def)...	12.469	3.5	ng	137853	4	11.327	797988	20.0
Fluoranthene, 2...	12.998	2.5	ng	136395	5	13.980	1076140	20.0
Pyrene, 1-methyl-	13.210	2.9	ng	153534	5	13.980	1076140	20.0
11H-Benzo[a]flu...	13.616	2.4	ng	130100	5	13.980	1076140	20.0
Benzo[b]naphtho...	13.727	2.5	ng	135094	5	13.980	1076140	20.0
Triphenylphosph...	14.080	8.9	ng	479741	5	13.980	1076140	20.0
Benzo[e]pyrene	15.327	10.4	ng	241465	6	15.457	462509	20.0