LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141516.D
Acq On : 07 Feb 2025 19:02
Operator : RC/JU
Sample : Q1216-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141516.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.410	559	564	584	rBV	1089502	1469364	71.85%	6.083%
2	6.428	732	737	754	rBV	1130634	1506643	73.67%	6.237%
3	6.787	793	798	805	rBV	413785	534166	26.12%	2.211%
4	7.351	888	894	904	rBV	752438	965382	47.21%	3.997%
5	7.434	904	908	919	rVB2	12991	22067	1.08%	0.091%
6	7.610	933	938	948	rVB	22634	31278	1.53%	0.129%
7	8.069	1011	1016	1034	rBV	503391	702434	34.35%	2.908%
8	9.145	1194	1199	1210	rBV	1240388	1549724	75.78%	6.416%
9	9.486	1252	1257	1260	rBV	16133	24007	1.17%	0.099%
10	9.828	1307	1315	1318	rBV	540634	687968	33.64%	2.848%
11	9.857	1318	1320	1325	rVB	75174	84972	4.15%	0.352%
12	10.033	1345	1350	1353	rVV	28972	39333	1.92%	0.163%
13	10.233	1379	1384	1386	rBV2	15491	24534	1.20%	0.102%
14	10.375	1403	1408	1413	rVB2	51296	67829	3.32%	0.281%
15	10.439	1413	1419	1421	rBV	18111	33803	1.65%	0.140%
16	10.539	1431	1436	1442	rVB2	120986	162742	7.96%	0.674%
17	10.616	1444	1449	1455	rBV	674398	871635	42.62%	3.609%
18	10.739	1465	1470	1477	rVB4	27180	44210	2.16%	0.183%
19	10.922	1495	1501	1504	rBV5	25035	46881	2.29%	0.194%
20	11.051	1518	1523	1525	rBV2	26141	40261	1.97%	0.167%
21	11.122	1531	1535	1538	rVB	30171	37025	1.81%	0.153%
22	11.174	1538	1544	1547	rVV4	31272	61553	3.01%	0.255%
23	11.210	1547	1550	1557	rVB	38755	55376	2.71%	0.229%
24	11.316	1563	1568	1569	rBV	467416	543227	26.56%	2.249%
25	11.339	1569	1572	1576	rVV	714951	915923	44.79%	3.792%
26	11.392	1576	1581	1584	rVV	168446	232527	11.37%	0.963%
27	11.422	1584	1586	1592	rVB2	19946	28517	1.39%	0.118%
28	11.551	1602	1608	1615	rBV4	36716	101402	4.96%	0.420%
29	11.610	1615	1618	1621	rVV	45592	60714	2.97%	0.251%
30	11.645	1621	1624	1630	rVB3	23563	36022	1.76%	0.149%
31	11.816	1649	1653	1655	rVV	110399	144572	7.07%	0.599%
32	11.845	1655	1658	1663	rVV	252225	334552	16.36%	1.385%
33	11.892	1663	1666	1669	rVV	73039	102890	5.03%	0.426%
34	11.927	1669	1672	1681	rVB	210644	396157	19.37%	1.640%
35	12.016	1681	1687	1691	rBV6	23192	53274	2.60%	0.221%
36	12.110	1697	1703	1706	rBV2	96475	167747	8.20%	0.694%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141516.D
Acq On : 07 Feb 2025 19:02
Operator : RC/JU
Sample : Q1216-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.139	1706	1708	1712	rVB	52886	59491	2.91%	0.246%
38	12.263	1725	1729	1732	rBV	40008	55064	2.69%	0.228%
39	12.369	1742	1747	1750	rBV	89870	140707	6.88%	0.583%
40	12.404	1750	1753	1758	rVV	66419	112951	5.52%	0.468%
41	12.457	1758	1762	1767	rVB	88597	122640	6.00%	0.508%
42	12.533	1769	1775	1779	rBV	1378741	1781292	87.10%	7.374%
43	12.763	1807	1814	1819	rBV	1359777	2045072	100.00%	8.467%
44	12.810	1819	1822	1828	rVB2	60967	91456	4.47%	0.379%
45	12.904	1830	1838	1845	rVB	906222	1314091	64.26%	5.440%
46	12.980	1845	1851	1858	rBV4	112409	240973	11.78%	0.998%
47	13.086	1862	1869	1873	rVB	148101	281385	13.76%	1.165%
48	13.151	1877	1880	1883	rBV	67276	87652	4.29%	0.363%
49	13.192	1883	1887	1894	rVV3	135890	219674	10.74%	0.909%
50	13.286	1900	1903	1905	rBV	58611	70555	3.45%	0.292%
51	13.316	1905	1908	1916	rVB2	86286	121885	5.96%	0.505%
52	13.598	1953	1956	1961	rVB	87171	112051	5.48%	0.464%
53	13.710	1971	1975	1977	rBV2	89654	130694	6.39%	0.541%
54	13.739	1977	1980	1982	rVV	55426	69877	3.42%	0.289%
55	13.810	1989	1992	1999	rVB	84593	115577	5.65%	0.478%
56	13.957	2011	2017	2020	rBV2	835589	1445485	70.68%	5.984%
57	13.986	2020	2022	2029	rVB	556904	697072	34.09%	2.886%
58	14.068	2033	2036	2040	rVB	74640	87049	4.26%	0.360%
59	15.010	2191	2196	2204	rVB	478895	1019754	49.86%	4.222%
60	15.304	2242	2246	2251	rVB	253144	396035	19.37%	1.640%
61	15.362	2252	2256	2262	rVB	355380	533271	26.08%	2.208%
62	15.427	2263	2267	2270	rBV	190486	302337	14.78%	1.252%
63	16.868	2508	2512	2521	rVB2	154403	320034	15.65%	1.325%

Sum of corrected areas: 24154835

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
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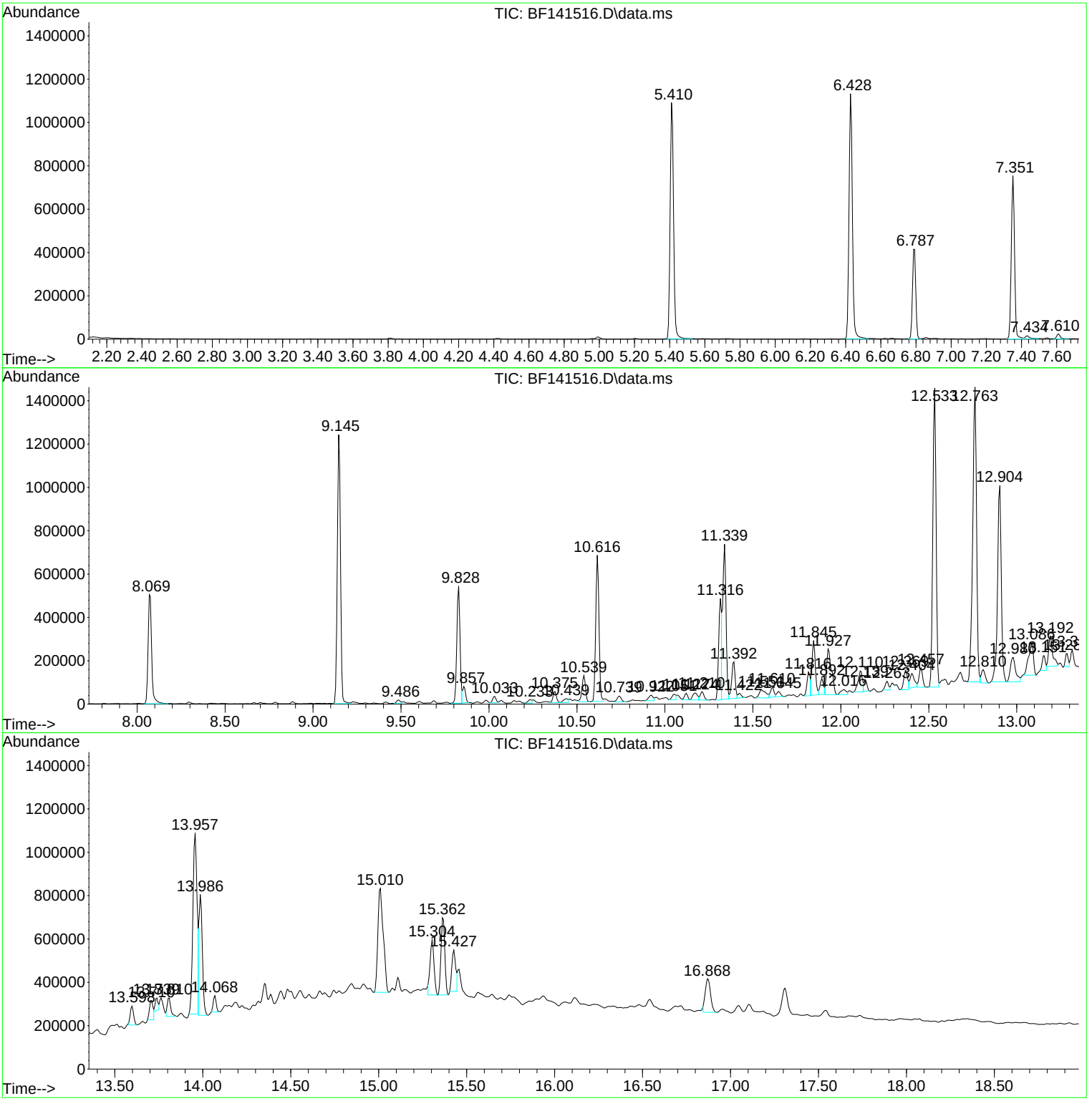
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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Data File : BF141516.D
Acq On : 07 Feb 2025 19:02
Operator : RC/JU
Sample : Q1216-07
Misc :
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BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

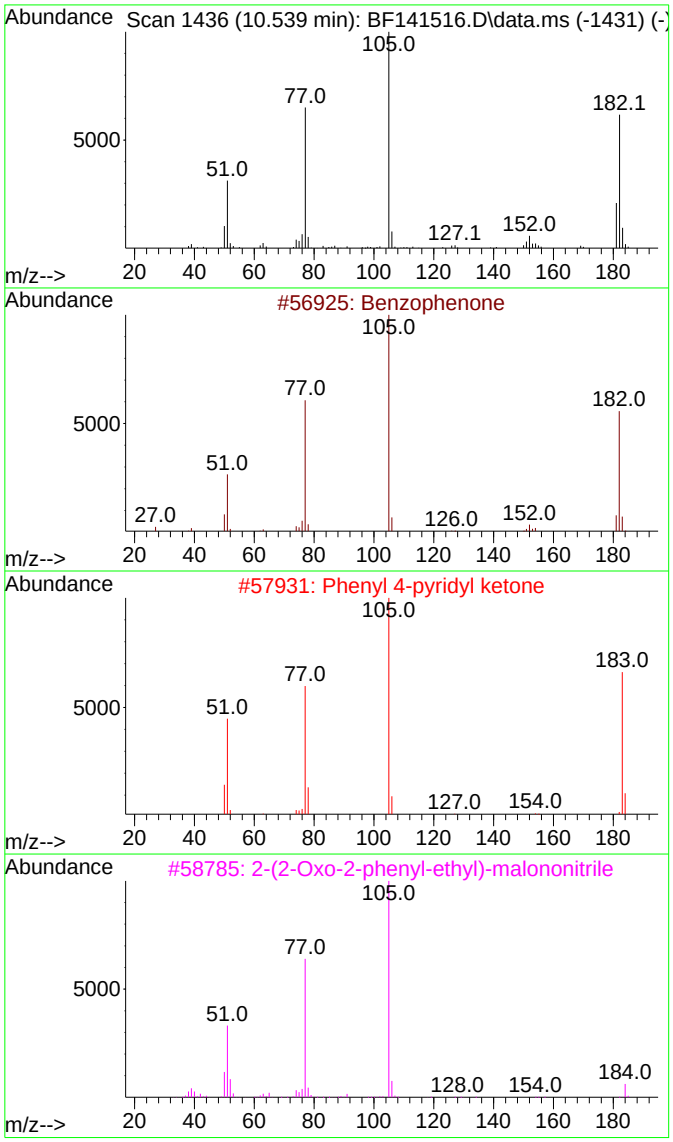
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

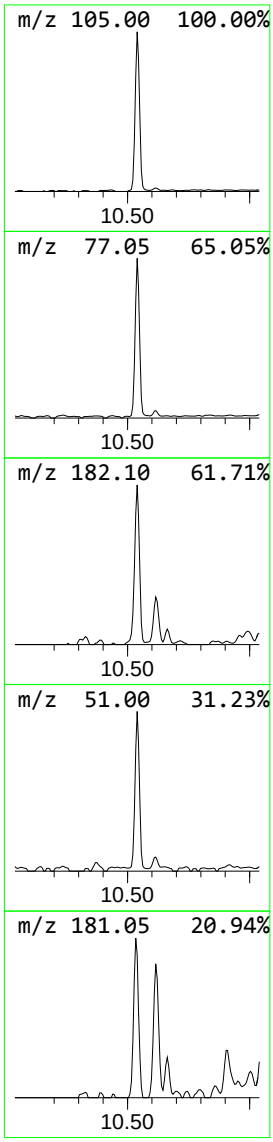
****

Peak Number 1 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	4.73 ng	162742	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	49
4	Benzoylformic acid	150	C8H6O3	000611-73-4	45
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141516.D
Acq On : 07 Feb 2025 19:02
Operator : RC/JU
Sample : Q1216-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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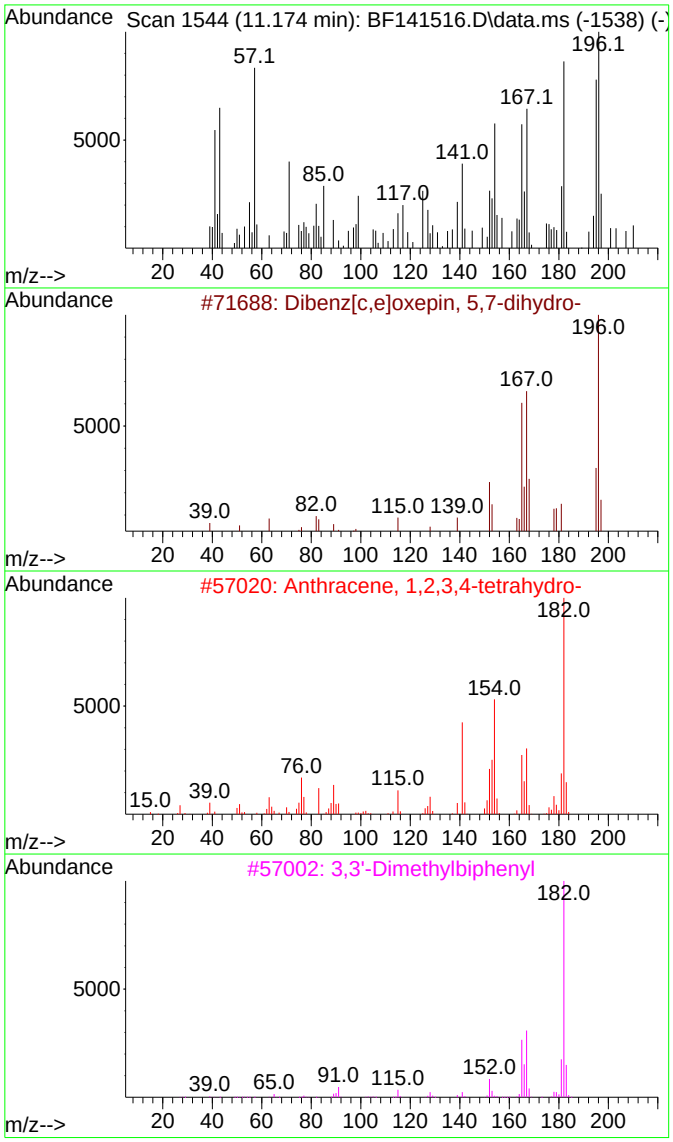
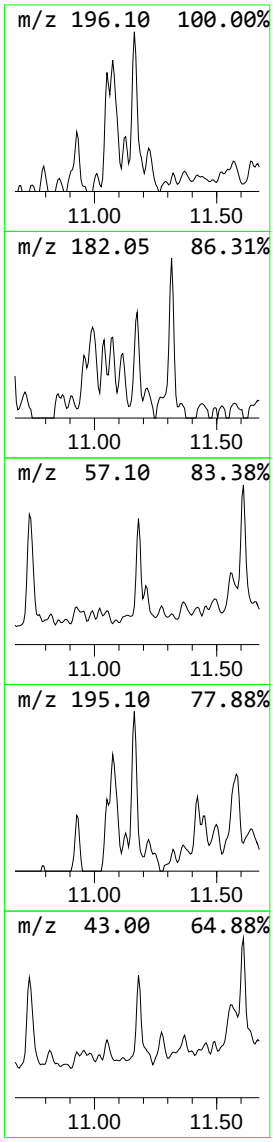
Peak Number 2 unknown11.175 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	2.27 ng	61553	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	38
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	38
3	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	30
4	.beta.-Carboline, 1,2-dimethyl-	196	C13H12N2	109847-05-4	25
5	Dehydrochamazulene	182	C14H14	321732-25-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141516.D
Acq On : 07 Feb 2025 19:02
Operator : RC/JU
Sample : Q1216-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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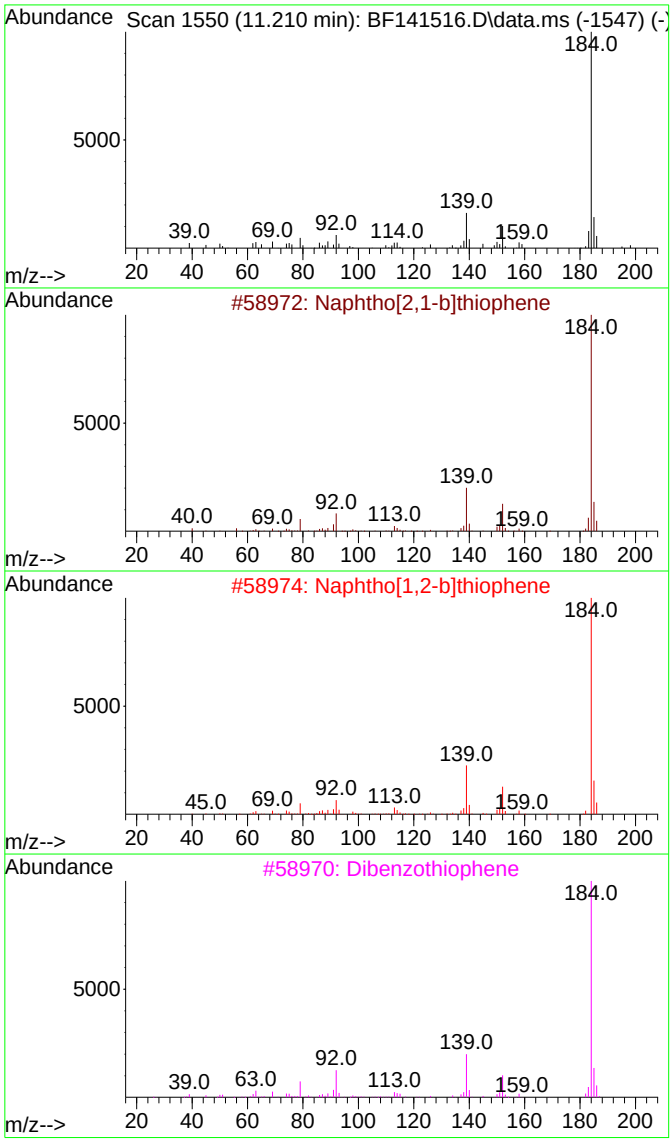
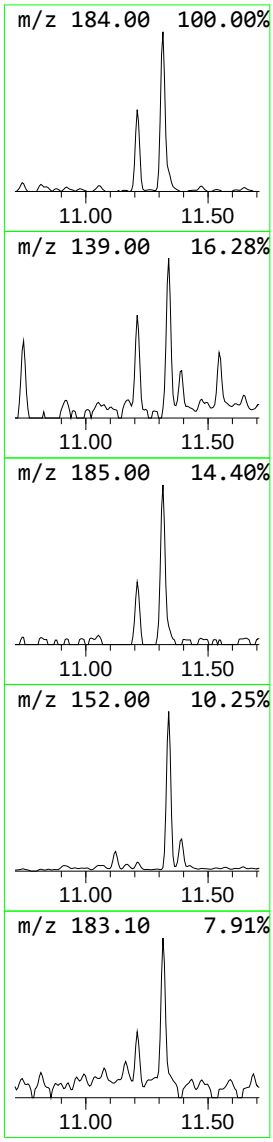
Peak Number 3 Naphtho[2,1-b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	2.04 ng	55376	Phenanthrene-d10	11.316

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141516.D
Acq On : 07 Feb 2025 19:02
Operator : RC/JU
Sample : Q1216-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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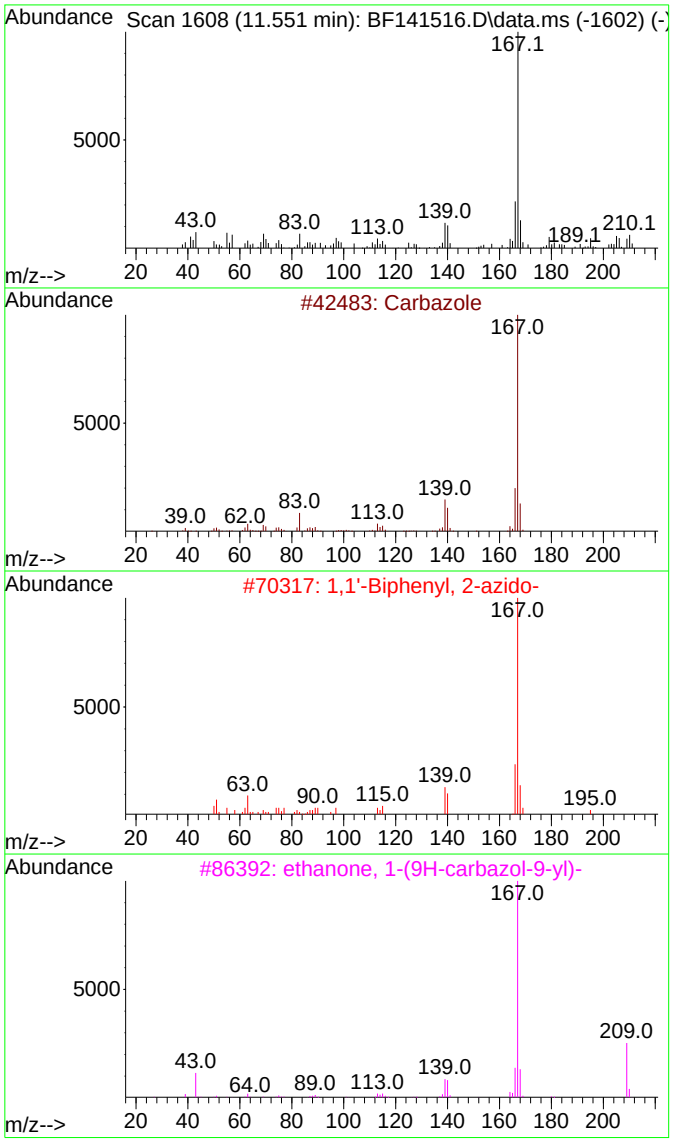
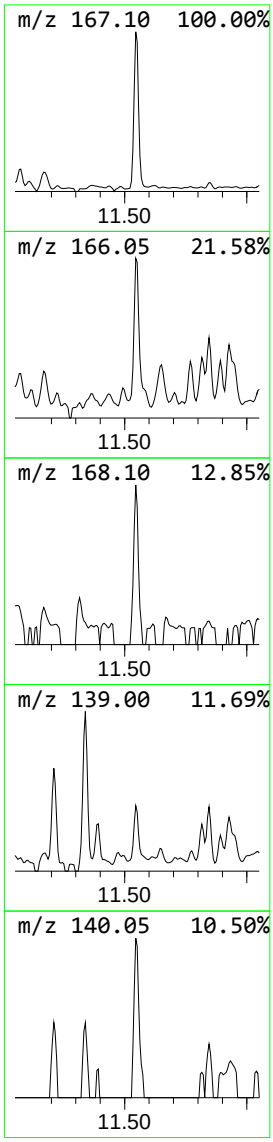
Peak Number 4 1,1'-Biphenyl, 2-azido- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.551	3.73 ng	101402	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	93
2	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	91
3	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	81
4	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	81
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141516.D
Acq On : 07 Feb 2025 19:02
Operator : RC/JU
Sample : Q1216-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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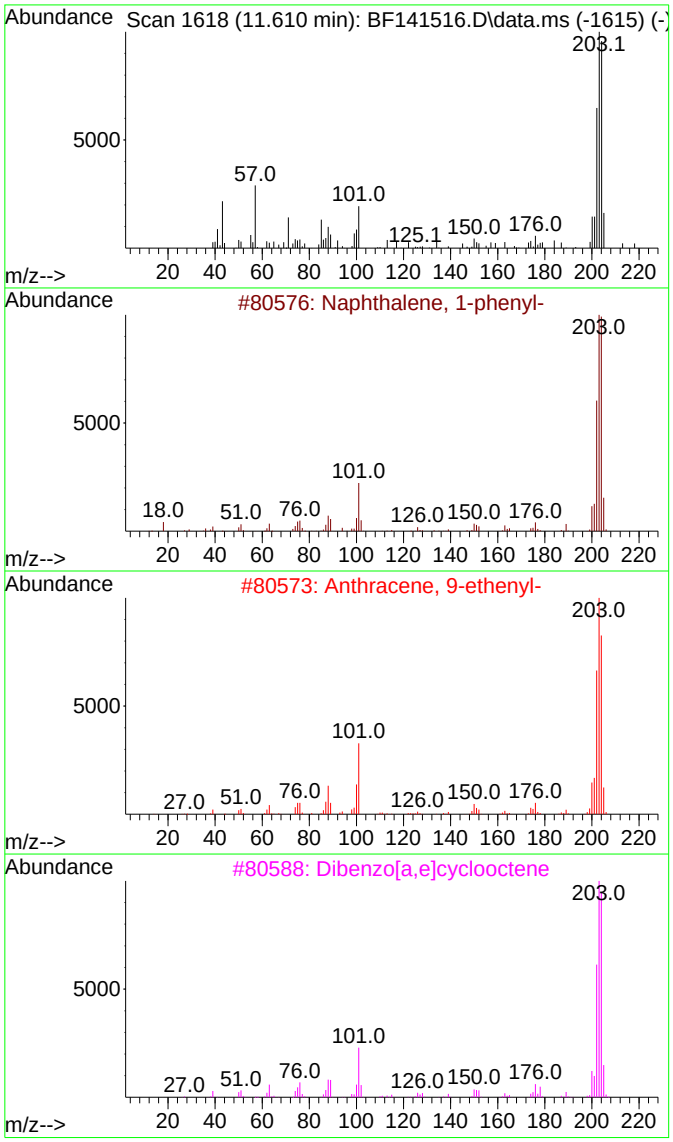
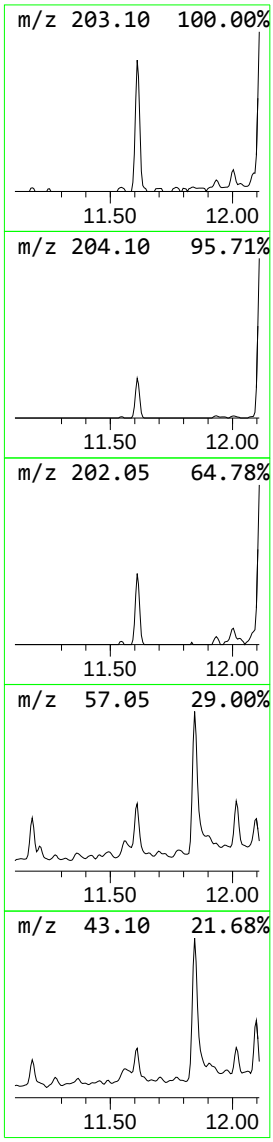
Peak Number 5 Naphthalene, 1-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	2.24 ng	60714	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	94
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	76
5	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141516.D
Acq On : 07 Feb 2025 19:02
Operator : RC/JU
Sample : Q1216-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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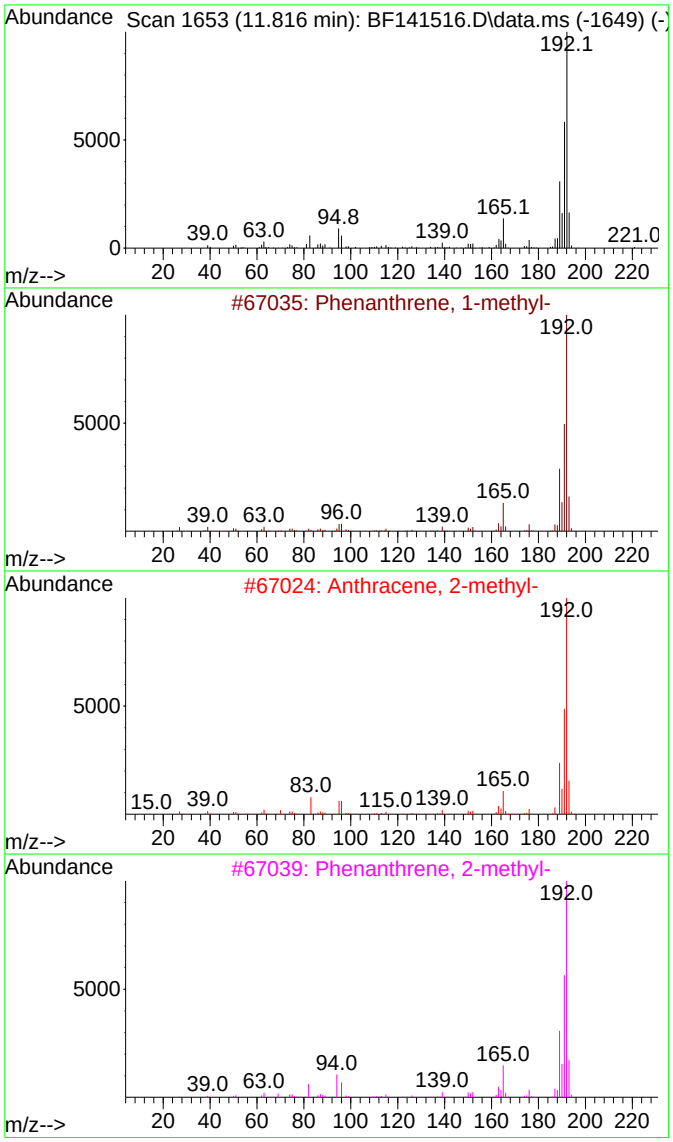
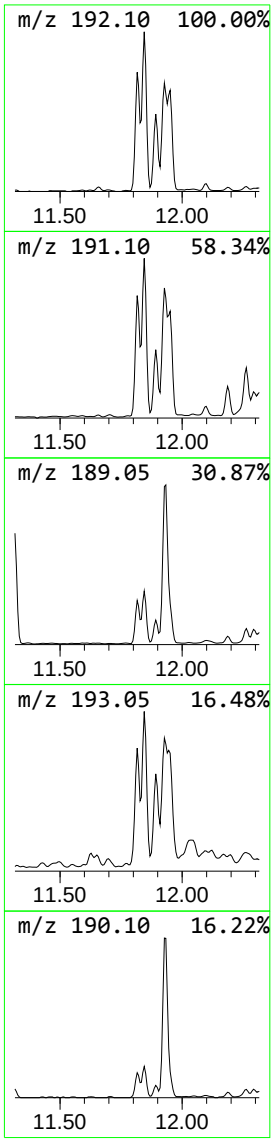
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	5.32 ng	144572	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141516.D
Acq On : 07 Feb 2025 19:02
Operator : RC/JU
Sample : Q1216-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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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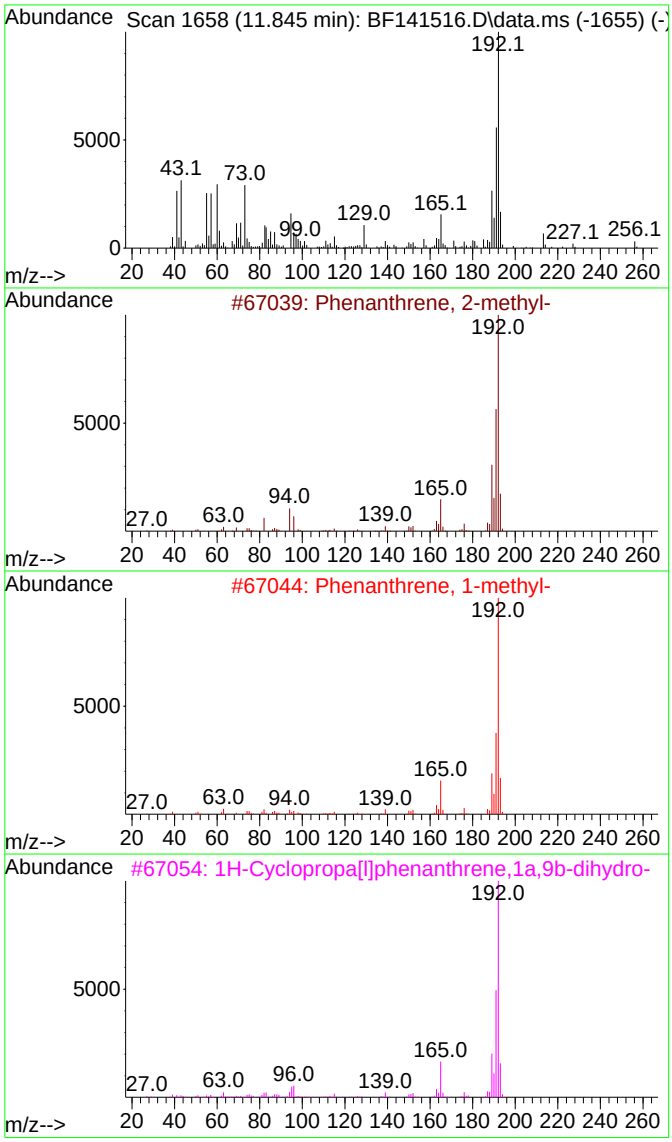
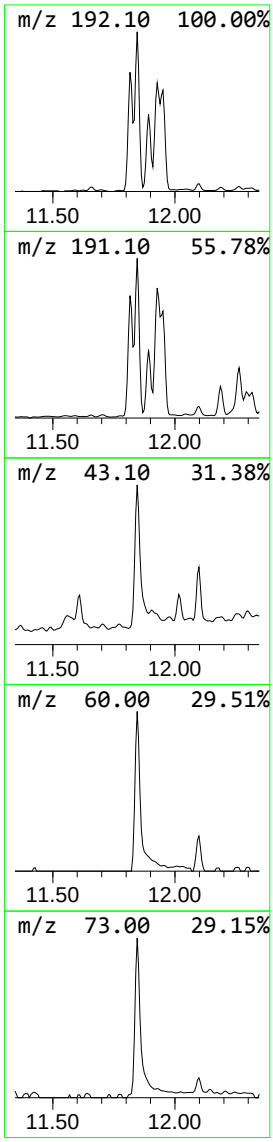
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	12.32 ng	334552	Phenanthrene-d10	11.316

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	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Sample : Q1216-07
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JPP-21.1-012825

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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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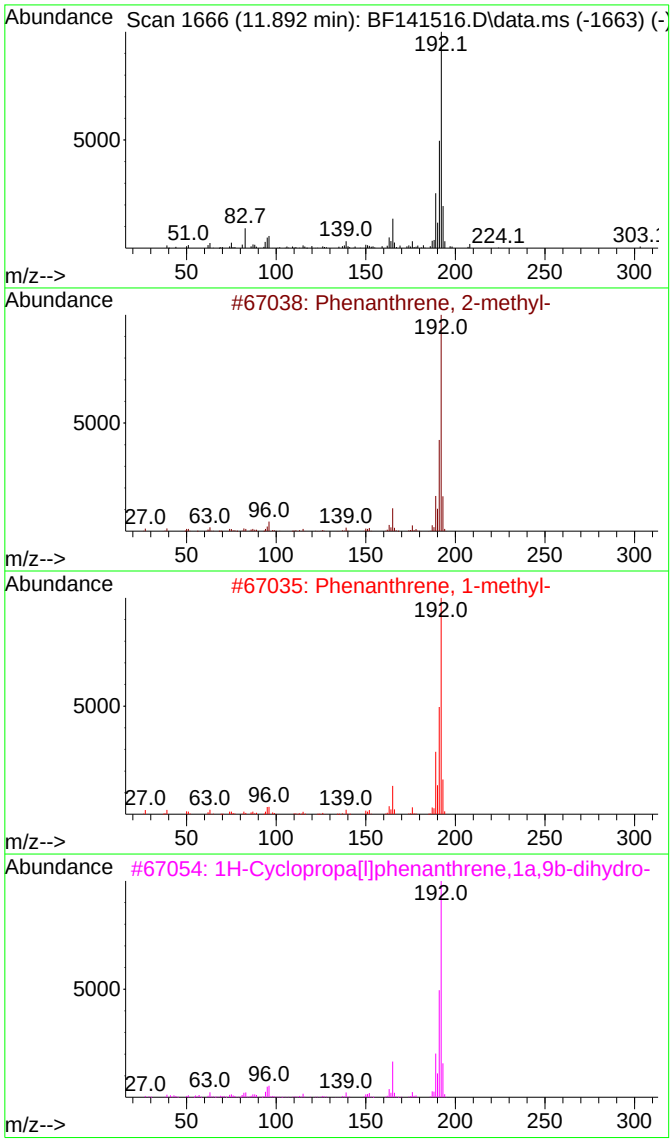
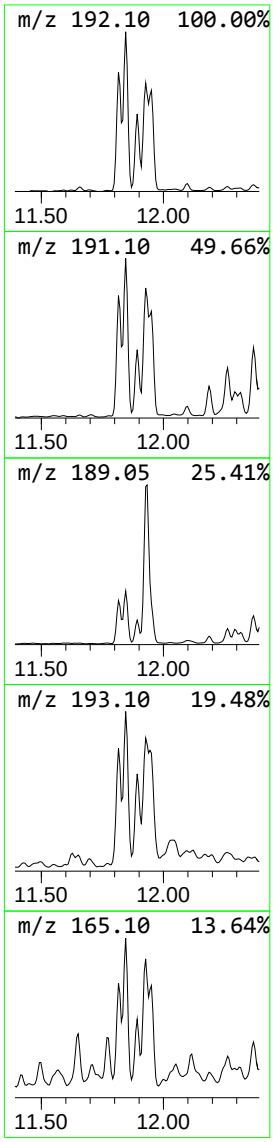
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	3.79 ng	102890	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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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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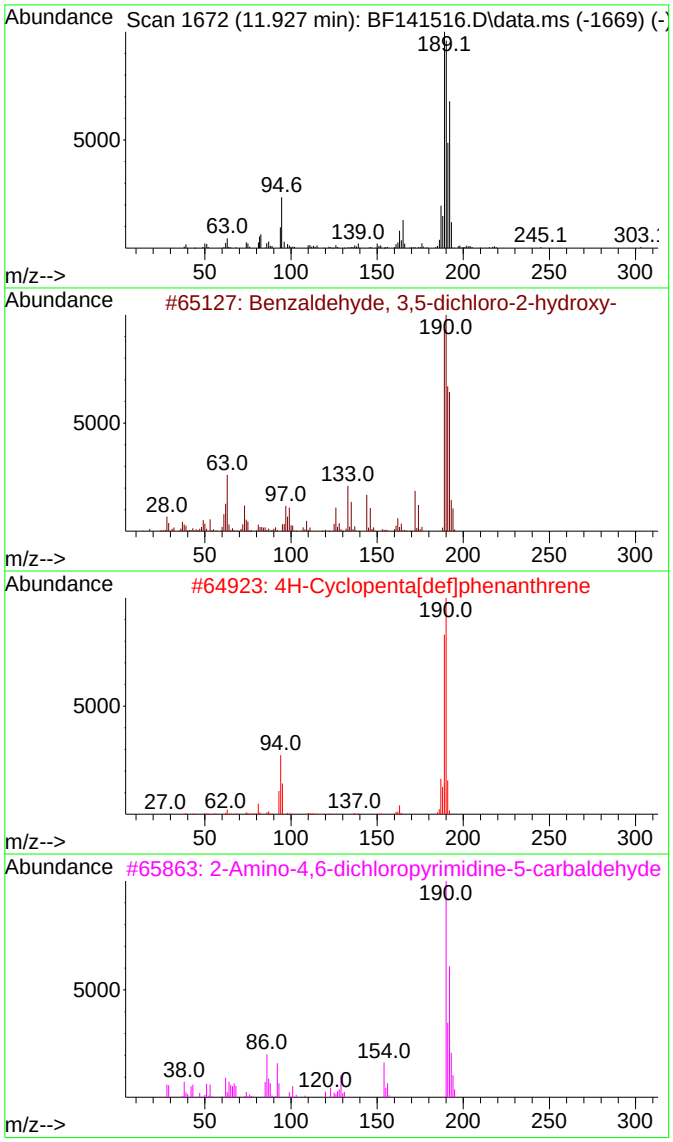
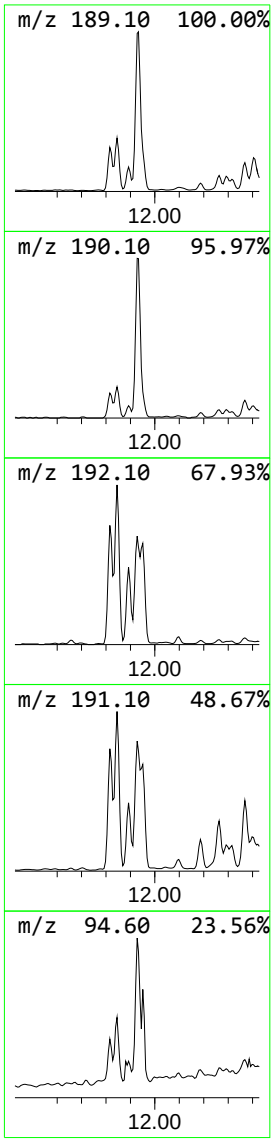
Peak Number 9 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	14.59 ng	396157	Phenanthrene-d10	11.316

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	70
3	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30





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

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

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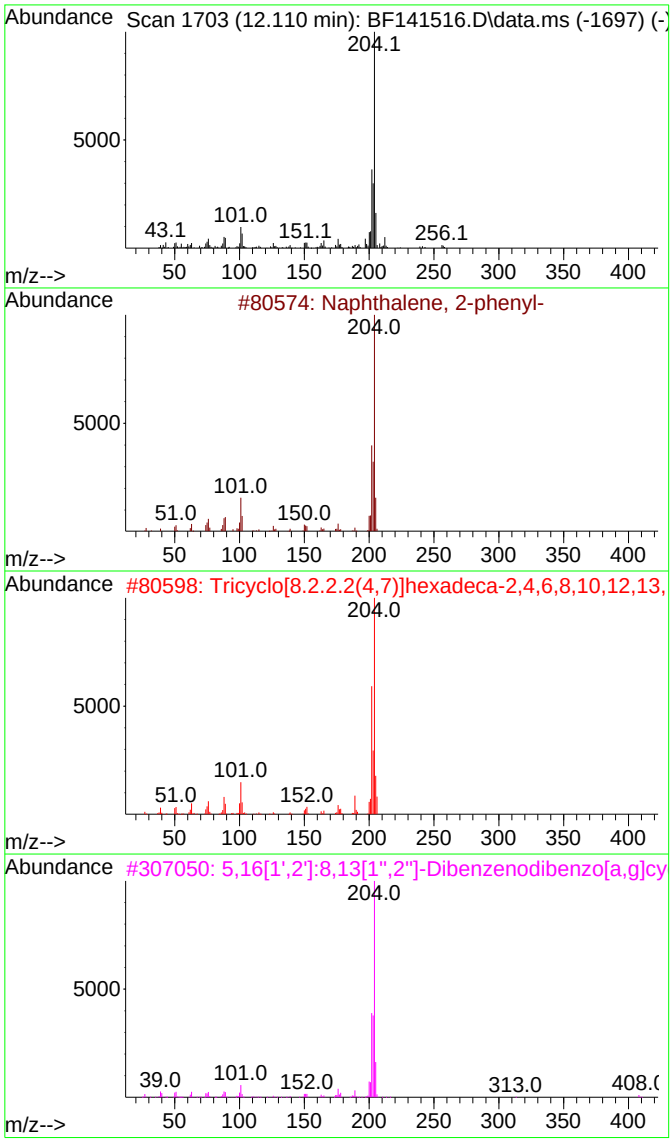
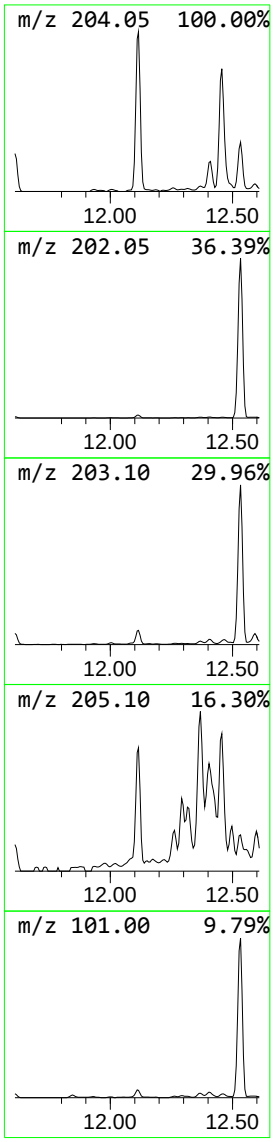
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	6.18 ng	167747	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	74
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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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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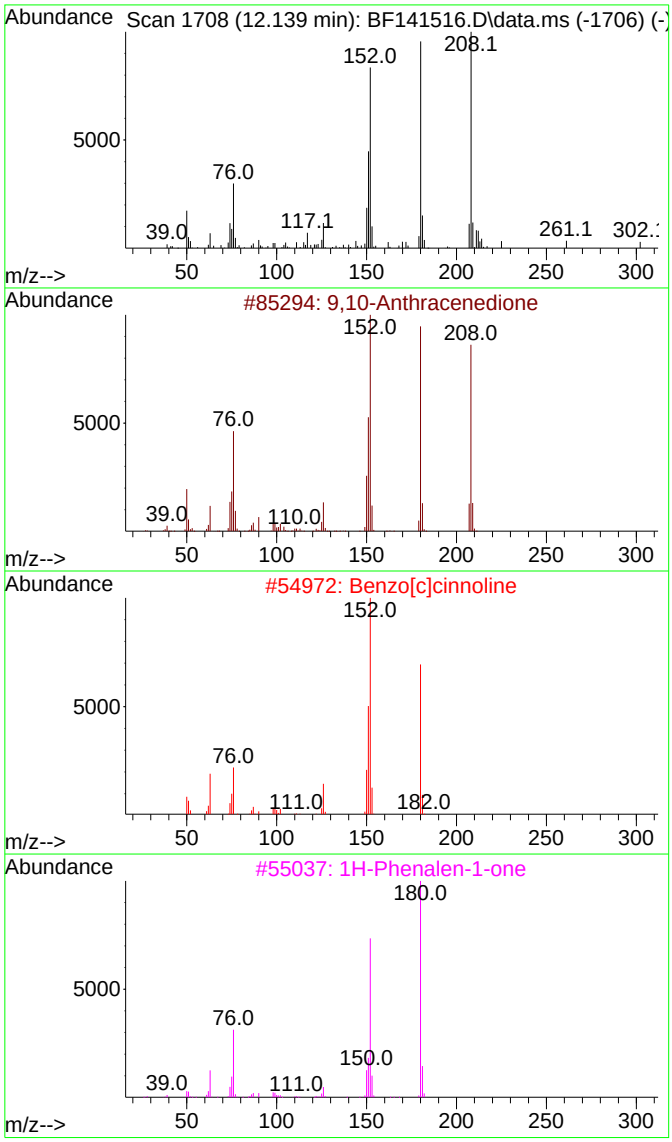
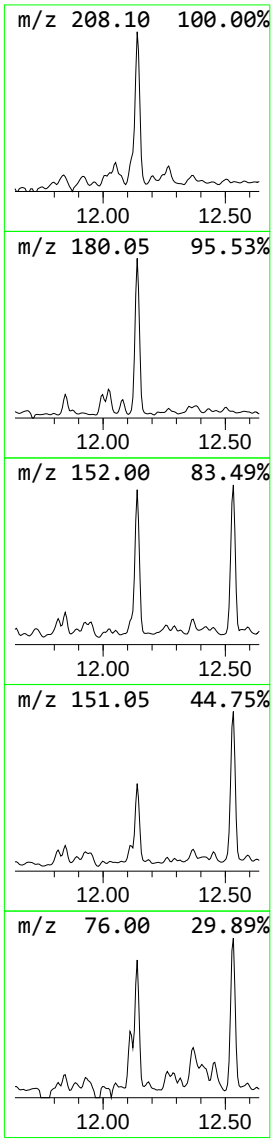
Peak Number 11 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	2.19 ng	59491	Phenanthrene-d10	11.316

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	78
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	46





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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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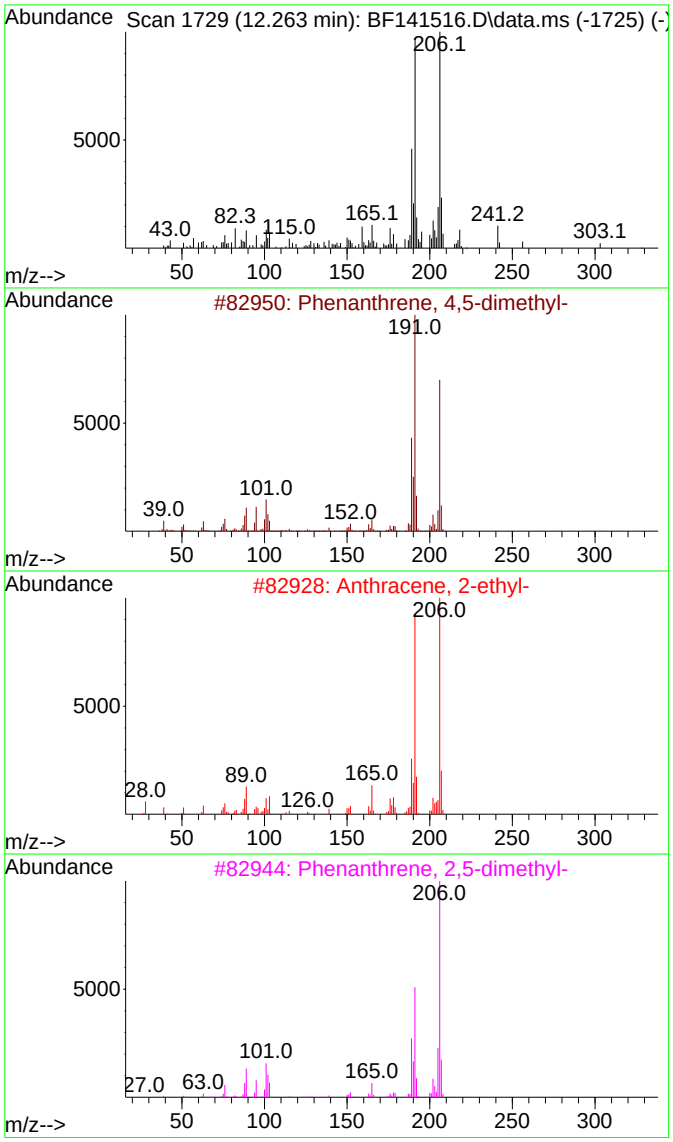
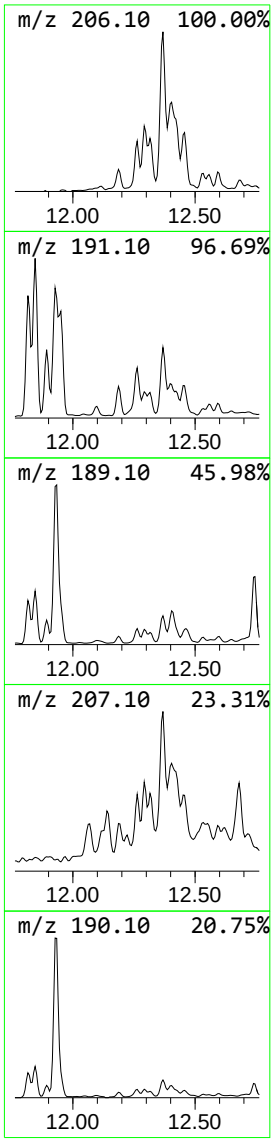
Peak Number 12 Phenanthrene, 4,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.263	2.03 ng	55064	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76





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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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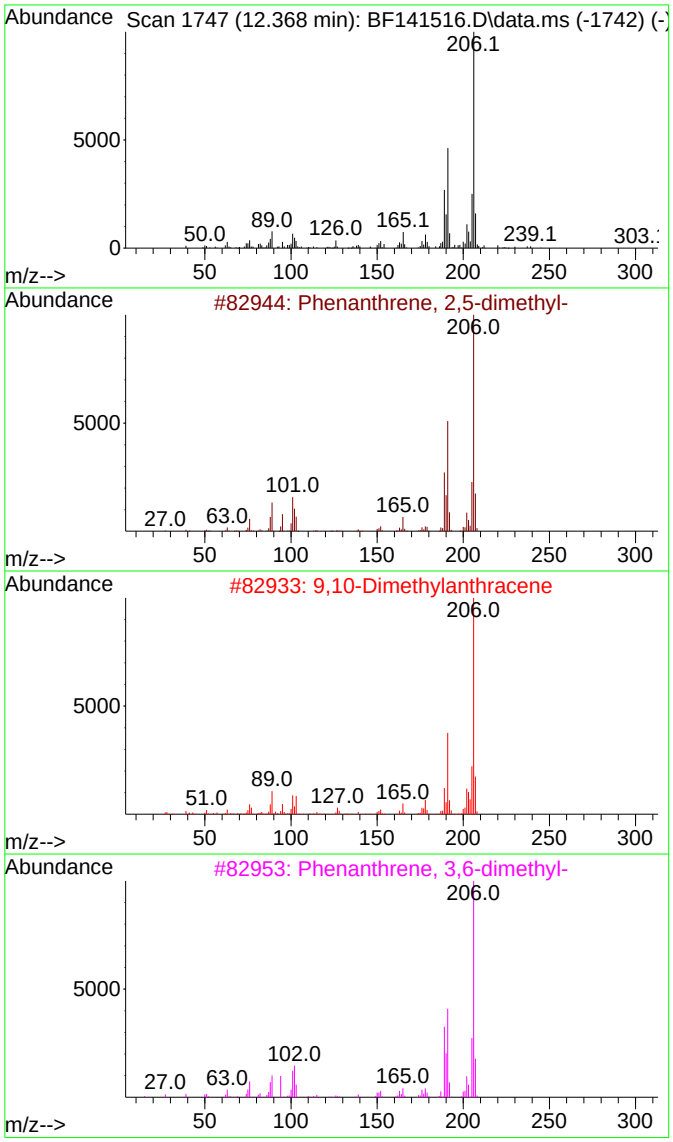
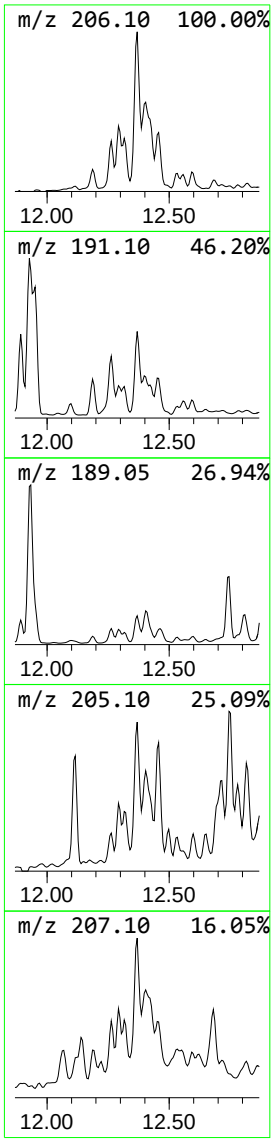
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	5.18 ng	140707	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81





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Misc :
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Instrument :
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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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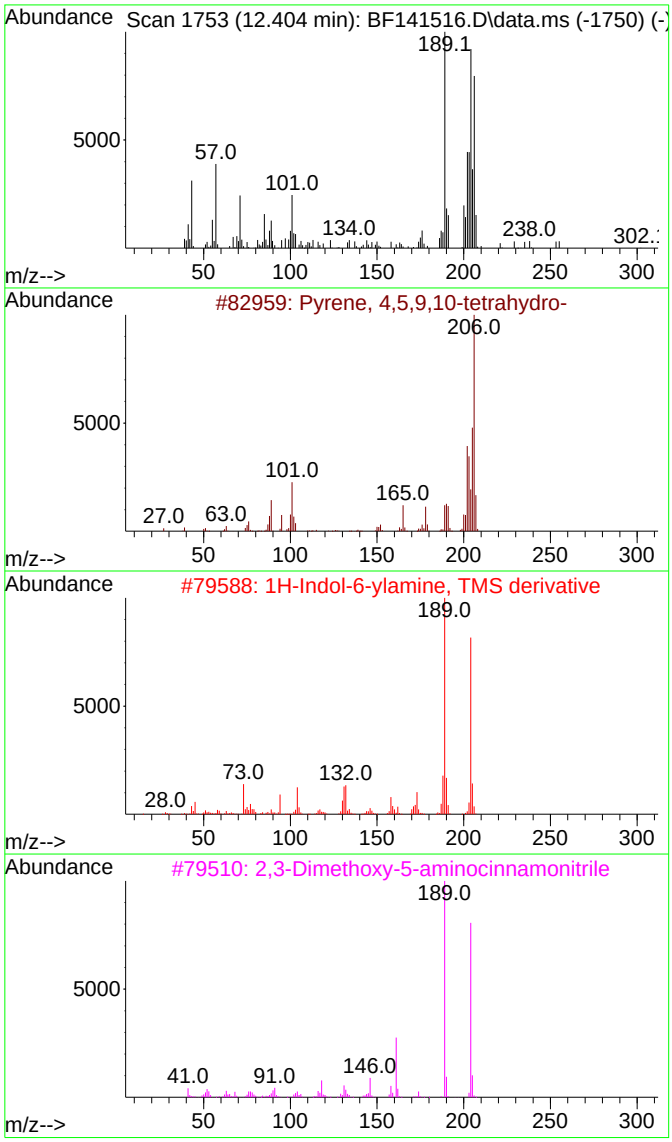
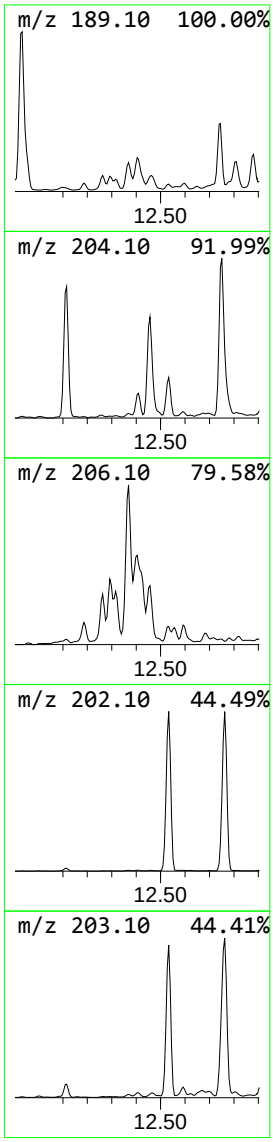
Peak Number 14 unknown12.404 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	4.16 ng	112951	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
2	1H-Indol-6-ylamine, TMS derivative	204	C11H16N2Si	1000484-86-1	35
3	2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	30
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	30
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	25





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TIC Library : C:\Database\NIST20.L
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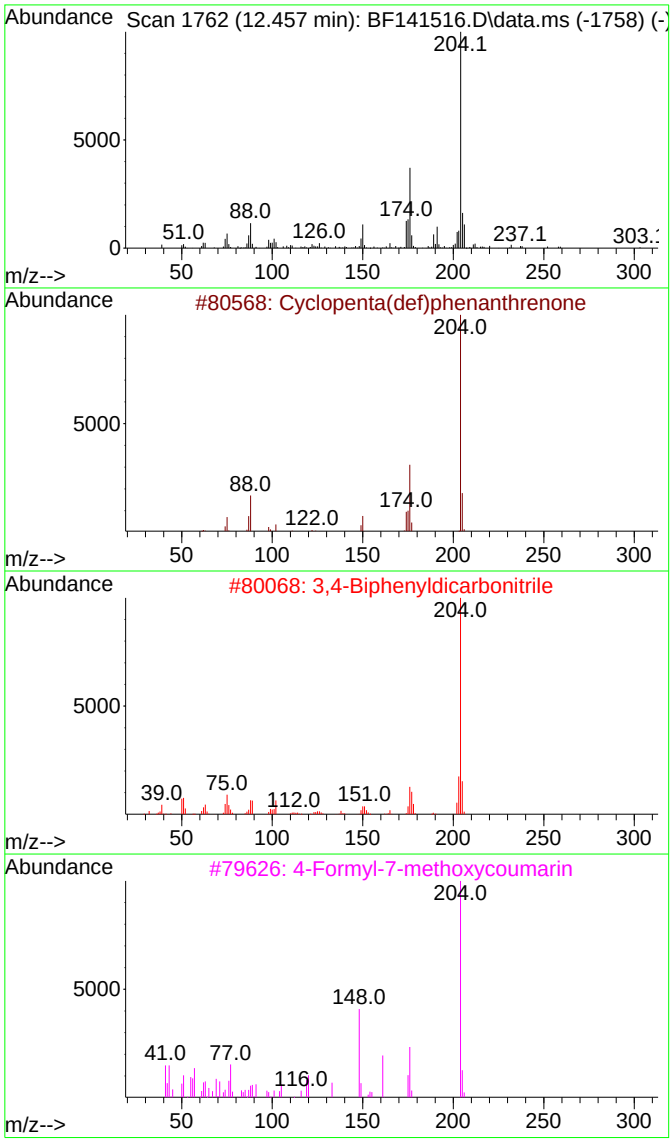
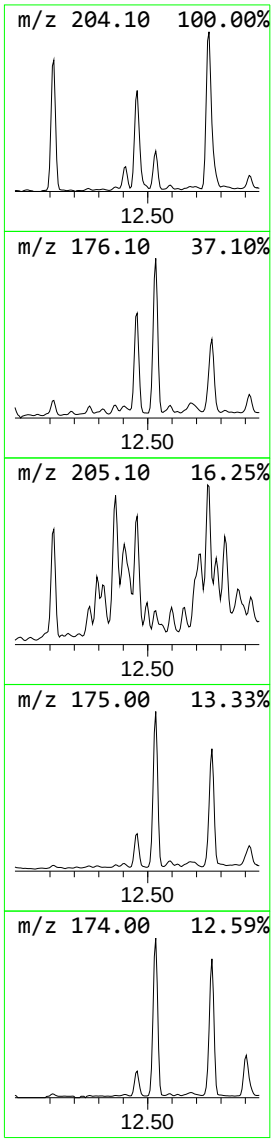
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	4.52 ng	122640	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
3	4-Formyl-7-methoxycoumarin	204	C11H8O4	1000429-03-0	59
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
5	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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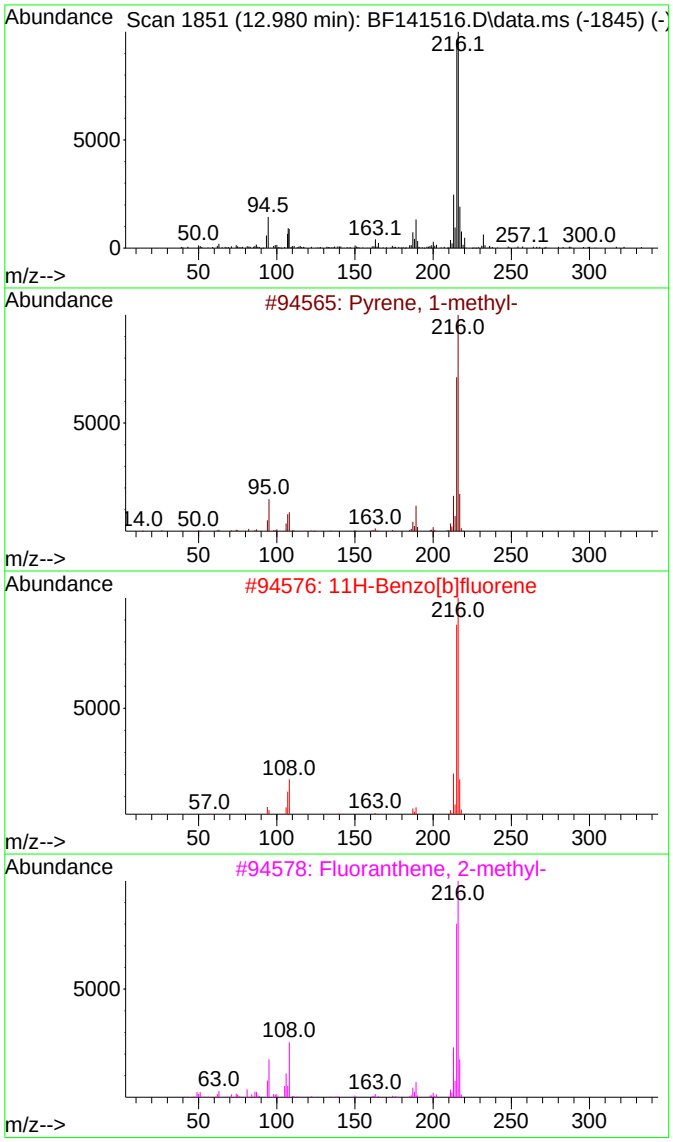
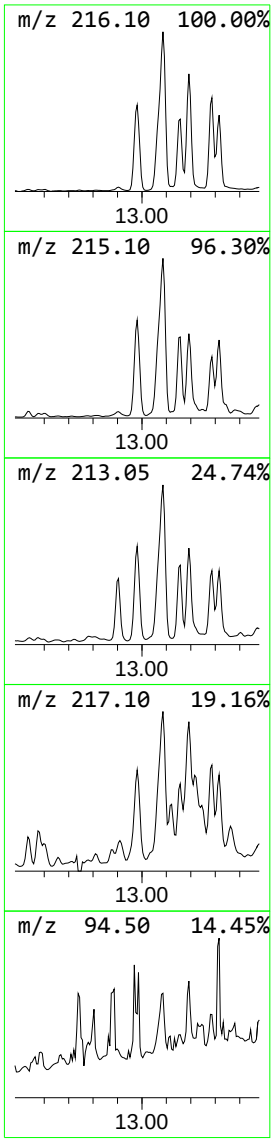
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	3.33 ng	240973	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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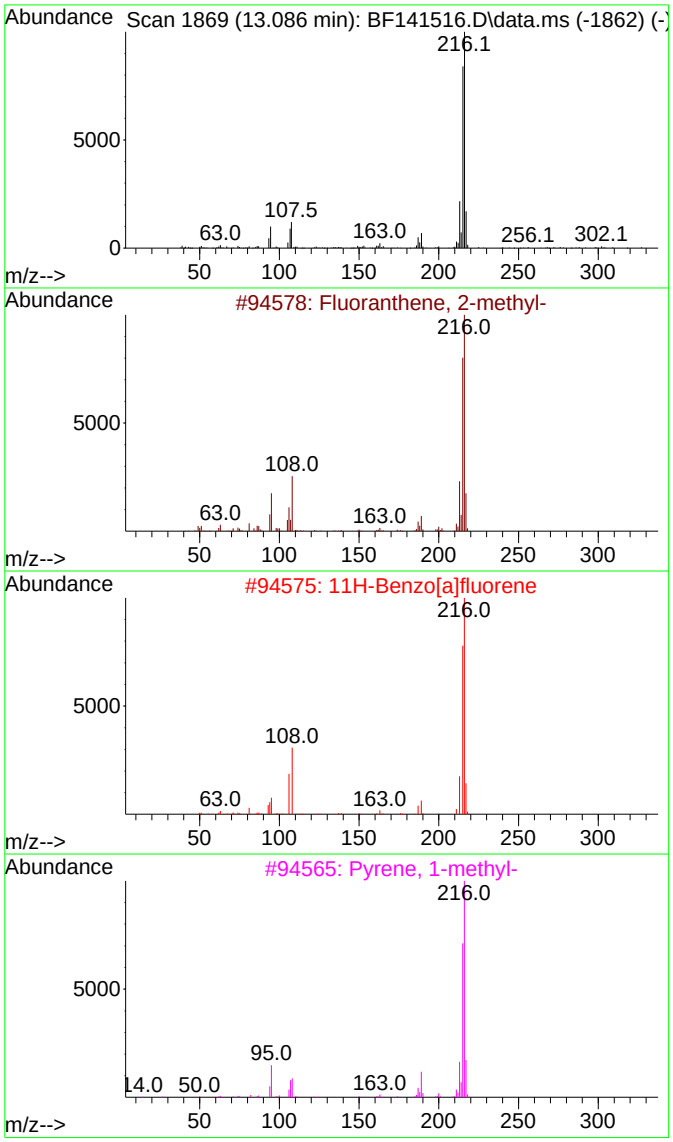
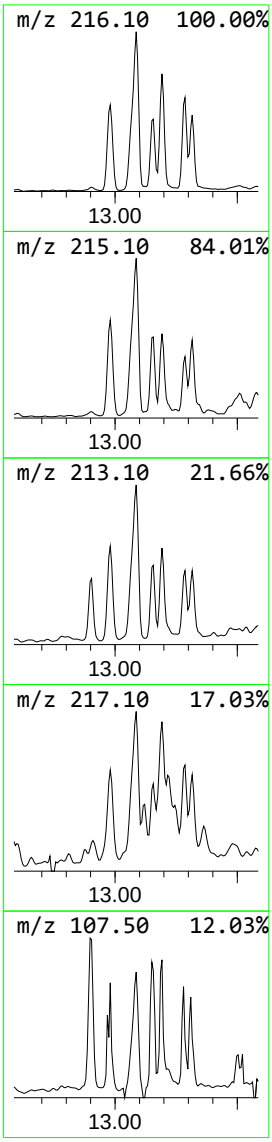
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	3.89 ng	281385	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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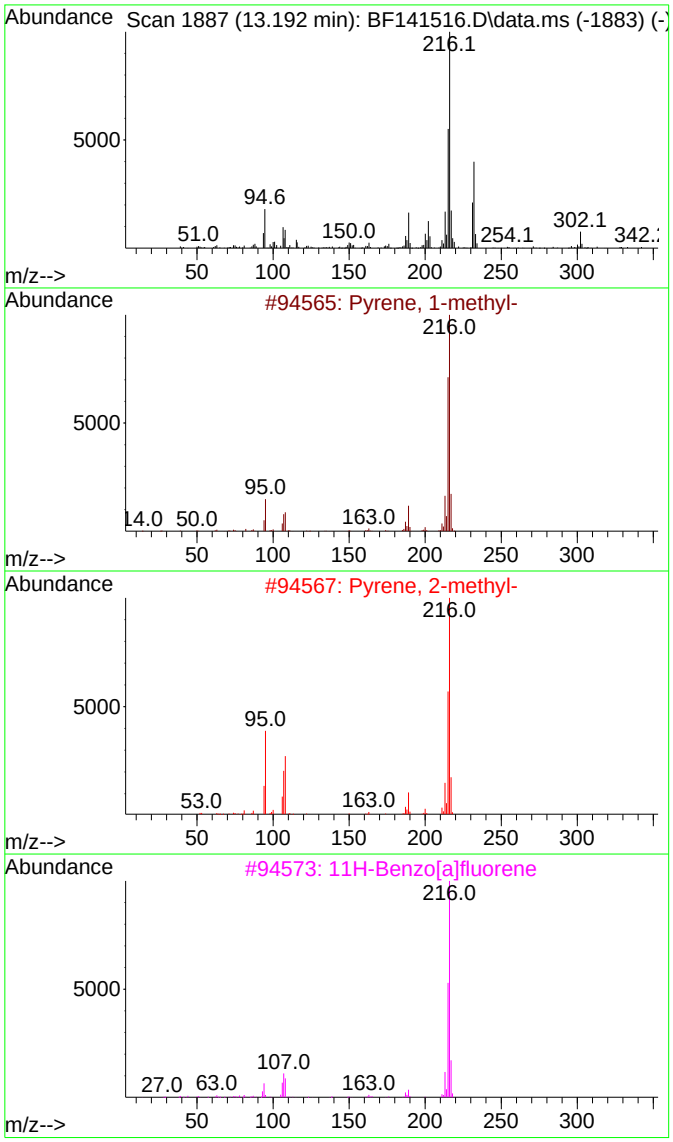
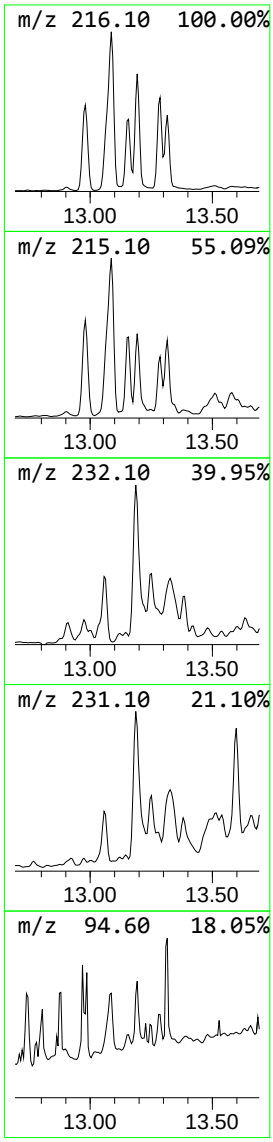
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	3.04 ng	219674	Chrysene-d12	13.963

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	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

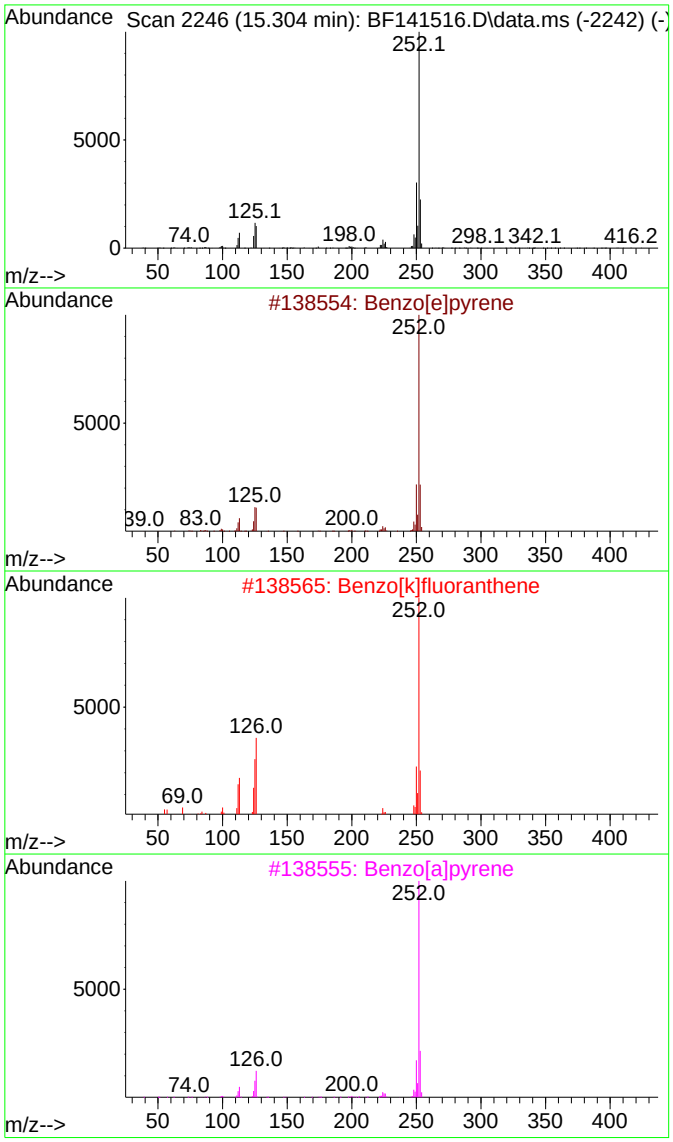
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

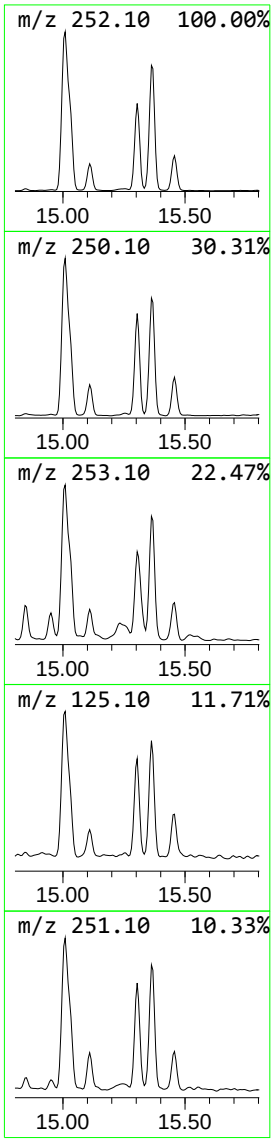
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	26.20 ng	396035	Perylene-d12	15.427

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141516.D
Acq On : 07 Feb 2025 19:02
Operator : RC/JU
Sample : Q1216-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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	10.539	4.7	ng	162742	3	9.828	687968	20.0
unknown11.175	11.175	2.3	ng	61553	4	11.316	543227	20.0
Naphtho[2,1-b]t...	11.210	2.0	ng	55376	4	11.316	543227	20.0
1,1'-Biphenyl, ...	11.551	3.7	ng	101402	4	11.316	543227	20.0
Naphthalene, 1-...	11.610	2.2	ng	60714	4	11.316	543227	20.0
Phenanthrene, 1...	11.816	5.3	ng	144572	4	11.316	543227	20.0
Phenanthrene, 2...	11.845	12.3	ng	334552	4	11.316	543227	20.0
1H-Cyclopropa[l...	11.892	3.8	ng	102890	4	11.316	543227	20.0
Benzaldehyde, 3...	11.927	14.6	ng	396157	4	11.316	543227	20.0
Naphthalene, 2-...	12.110	6.2	ng	167747	4	11.316	543227	20.0
9,10-Anthracene...	12.139	2.2	ng	59491	4	11.316	543227	20.0
Phenanthrene, 4...	12.263	2.0	ng	55064	4	11.316	543227	20.0
Phenanthrene, 2...	12.368	5.2	ng	140707	4	11.316	543227	20.0
unknown12.404	12.404	4.2	ng	112951	4	11.316	543227	20.0
Cyclopenta(def)...	12.457	4.5	ng	122640	4	11.316	543227	20.0
Pyrene, 1-methyl-	12.980	3.3	ng	240973	5	13.963	1445490	20.0
Fluoranthene, 2...	13.086	3.9	ng	281385	5	13.963	1445490	20.0
Pyrene, 2-methyl-	13.192	3.0	ng	219674	5	13.963	1445490	20.0
Benzo[e]pyrene	15.304	26.2	ng	396035	6	15.427	302337	20.0