LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141461.D
Acq On : 05 Feb 2025 21:31
Operator : RC/JU
Sample : Q1206-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JPP-20.1-012725

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141461.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	488	492	503	rVB	16249	26192	1.10%	0.094%
2	5.410	558	564	585	rBV	900421	1259271	53.05%	4.496%
3	6.428	731	737	755	rBV	973369	1328753	55.98%	4.744%
4	6.787	793	798	806	rBV	370881	456867	19.25%	1.631%
5	7.351	888	894	905	rBV	663723	858595	36.17%	3.065%
6	7.610	932	938	949	rBV	29667	43989	1.85%	0.157%
7	8.069	1011	1016	1036	rVB	445375	613875	25.86%	2.192%
8	8.786	1132	1138	1144	rBV	19067	25875	1.09%	0.092%
9	8.881	1150	1154	1163	rVB	28386	36785	1.55%	0.131%
10	9.145	1194	1199	1209	rBV	1000982	1233301	51.96%	4.403%
11	9.410	1239	1244	1251	rVB	24411	36949	1.56%	0.132%
12	9.481	1251	1256	1259	rBV	48448	69216	2.92%	0.247%
13	9.510	1259	1261	1265	rVB	26498	28521	1.20%	0.102%
14	9.598	1270	1276	1284	rVV2	24555	46212	1.95%	0.165%
15	9.828	1307	1315	1318	rBV	437885	600050	25.28%	2.142%
16	9.857	1318	1320	1325	rVV	138420	147531	6.22%	0.527%
17	9.981	1337	1341	1345	rBV2	18455	24466	1.03%	0.087%
18	10.028	1345	1349	1353	rBV	65017	82209	3.46%	0.293%
19	10.069	1353	1356	1364	rVB	24637	32636	1.37%	0.117%
20	10.145	1364	1369	1371	rBV	25444	35972	1.52%	0.128%
21	10.169	1371	1373	1379	rVB2	19808	25893	1.09%	0.092%
22	10.233	1379	1384	1393	rBV2	24957	55308	2.33%	0.197%
23	10.375	1403	1408	1413	rBV	102058	138225	5.82%	0.493%
24	10.439	1413	1419	1421	rBV	30887	59704	2.52%	0.213%
25	10.539	1431	1436	1441	rVB2	220060	296915	12.51%	1.060%
26	10.616	1443	1449	1454	rBV	570621	757402	31.91%	2.704%
27	10.739	1465	1470	1476	rVB5	32449	51315	2.16%	0.183%
28	10.922	1494	1501	1504	rBV3	47910	91804	3.87%	0.328%
29	11.004	1509	1515	1518	rVB6	17482	34577	1.46%	0.123%
30	11.051	1518	1523	1524	rBV3	36352	51820	2.18%	0.185%
31	11.116	1531	1534	1538	rVB	48677	60871	2.56%	0.217%
32	11.163	1538	1542	1547	rVV3	45407	85603	3.61%	0.306%
33	11.210	1547	1550	1556	rVB	55988	79076	3.33%	0.282%
34	11.316	1562	1568	1569	rBV	383079	504612	21.26%	1.801%
35	11.339	1569	1572	1576	rVV	993127	1227501	51.71%	4.382%
36	11.386	1576	1580	1584	rVV	285770	377388	15.90%	1.347%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141461.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.422	1584	1586	1592	rVB	37502	44973	1.89%	0.161%
38	11.545	1601	1607	1615	rBV3	67461	145812	6.14%	0.521%
39	11.610	1615	1618	1621	rVV	44999	56833	2.39%	0.203%
40	11.645	1621	1624	1629	rVB4	29251	42689	1.80%	0.152%
41	11.816	1648	1653	1655	rBV	157574	213451	8.99%	0.762%
42	11.845	1655	1658	1662	rVV	301091	378838	15.96%	1.352%
43	11.892	1662	1666	1668	rVV	106783	138478	5.83%	0.494%
44	11.927	1668	1672	1680	rVB2	282171	533135	22.46%	1.903%
45	12.016	1680	1687	1691	rBV5	30902	76985	3.24%	0.275%
46	12.110	1698	1703	1706	rBV	119097	175204	7.38%	0.625%
47	12.263	1723	1729	1731	rBV	60526	89908	3.79%	0.321%
48	12.316	1736	1738	1741	rVB	27505	25287	1.07%	0.090%
49	12.369	1742	1747	1750	rBV	107267	168090	7.08%	0.600%
50	12.404	1750	1753	1758	rVV3	64134	105691	4.45%	0.377%
51	12.451	1758	1761	1767	rVB2	110521	158423	6.67%	0.566%
52	12.533	1769	1775	1779	rBV	1611086	2131912	89.82%	7.611%
53	12.574	1779	1782	1784	rBV2	30889	42654	1.80%	0.152%
54	12.680	1797	1800	1803	rVB	44781	55994	2.36%	0.200%
55	12.763	1806	1814	1819	rBV	1481020	2373652	100.00%	8.474%
56	12.804	1819	1821	1827	rVB2	82692	119135	5.02%	0.425%
57	12.898	1829	1837	1844	rVB2	739683	1176488	49.56%	4.200%
58	12.974	1844	1850	1857	rBV4	150022	302246	12.73%	1.079%
59	13.080	1858	1868	1873	rVB2	202997	424661	17.89%	1.516%
60	13.151	1876	1880	1883	rBV	112362	142482	6.00%	0.509%
61	13.186	1883	1886	1894	rVB2	180859	285563	12.03%	1.019%
62	13.280	1899	1902	1905	rBV	84397	104517	4.40%	0.373%
63	13.310	1905	1907	1912	rVB2	86393	100942	4.25%	0.360%
64	13.492	1930	1938	1939	rBV5	54599	127052	5.35%	0.454%
65	13.592	1952	1955	1962	rVB	119046	163729	6.90%	0.585%
66	13.704	1969	1974	1976	rBV2	139539	203132	8.56%	0.725%
67	13.733	1976	1979	1981	rVV	62484	74624	3.14%	0.266%
68	13.804	1988	1991	1995	rVB	131143	164035	6.91%	0.586%
69	13.951	2009	2016	2020	rBV2	994809	1825840	76.92%	6.518%
70	13.986	2020	2022	2029	rVB	701554	795316	33.51%	2.839%
71	14.063	2032	2035	2039	rVB	102515	123507	5.20%	0.441%
72	14.345	2080	2083	2087	rBV	112195	152695	6.43%	0.545%
73	14.380	2087	2089	2093	rVB2	64057	74184	3.13%	0.265%
74	14.474	2103	2105	2107	rBV3	40421	44821	1.89%	0.160%
75	14.657	2133	2136	2139	rBV3	50454	74850	3.15%	0.267%
76	15.004	2189	2195	2204	rBV	595474	1342524	56.56%	4.793%

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Misc :
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Instrument :
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ClientSampleId :
JPP-20.1-012725

Integration Parameters: rteint.p
Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.104	2209	2212	2216	rVB	99167	126279	5.32%	0.451%
78	15.298	2240	2245	2250	rVB	299184	482191	20.31%	1.721%
79	15.357	2250	2255	2261	rBV	454869	669638	28.21%	2.391%
80	15.421	2261	2266	2268	rBV	191837	303938	12.80%	1.085%
81	16.857	2505	2510	2520	rVB2	184226	411327	17.33%	1.468%
82	17.298	2579	2585	2601	rVB	146209	351983	14.83%	1.257%

Sum of corrected areas: 28010987

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
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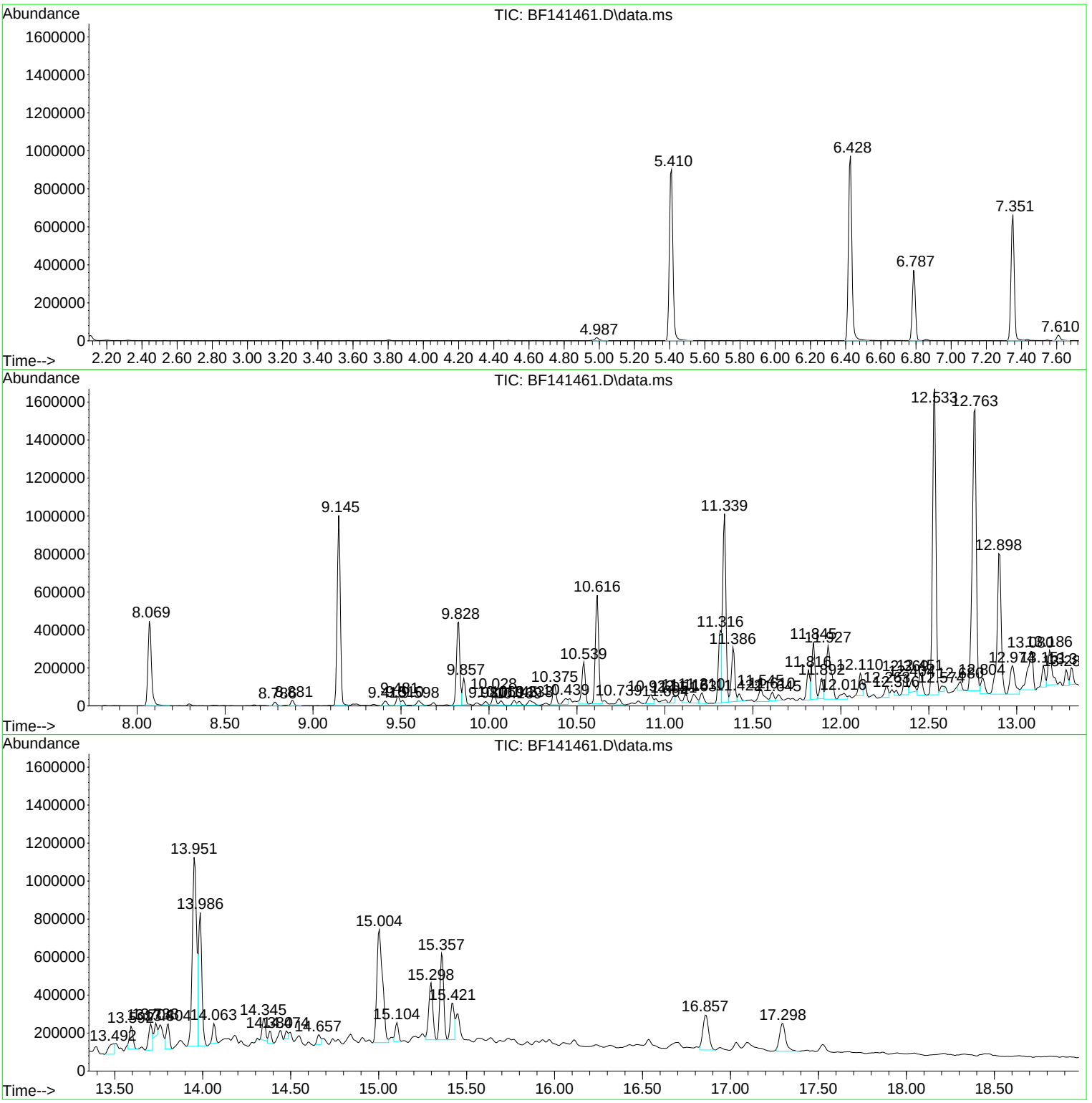
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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\BF020525\
Data File : BF141461.D
Acq On : 05 Feb 2025 21:31
Operator : RC/JU
Sample : Q1206-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

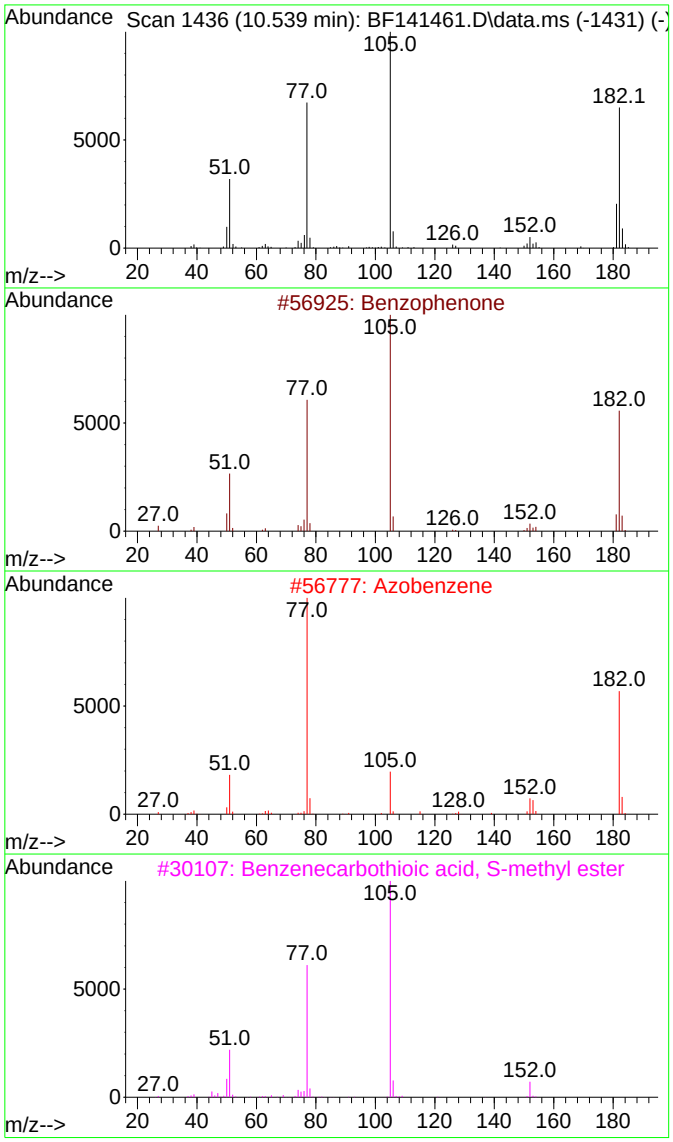
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

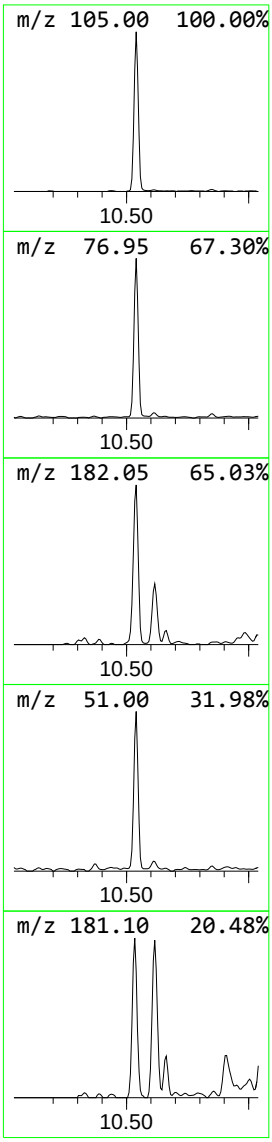
****

Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	9.90 ng	296915	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Azobenzene	182	C12H10N2	000103-33-3	52
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
4	Benzilic acid	228	C14H12O3	000076-93-7	43
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141461.D
Acq On : 05 Feb 2025 21:31
Operator : RC/JU
Sample : Q1206-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

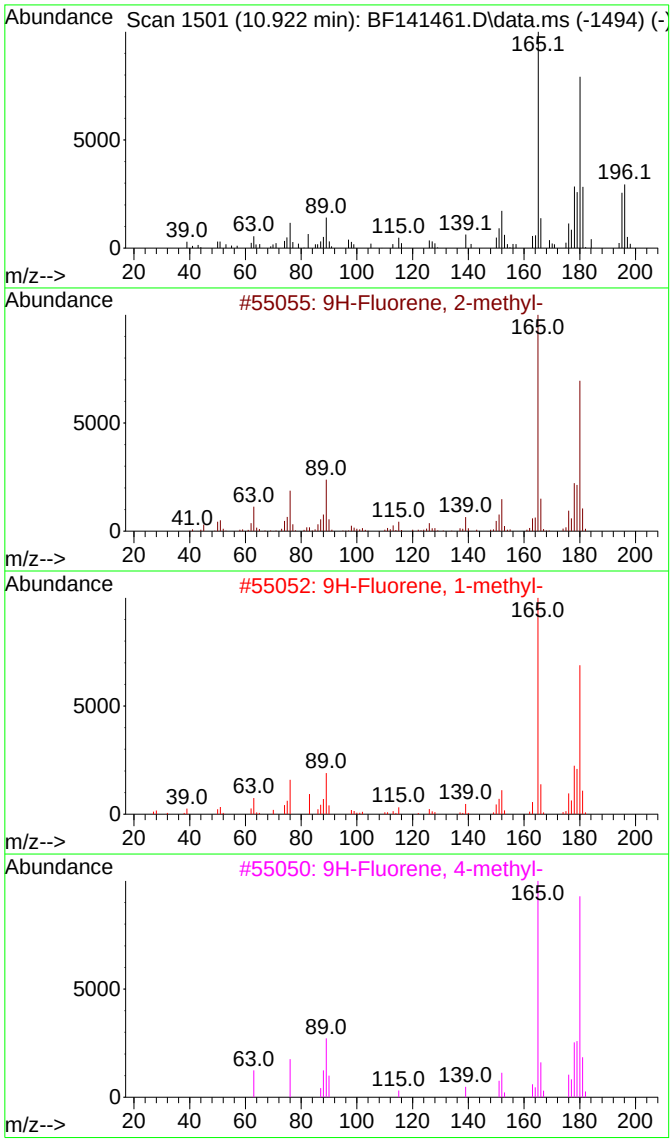
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

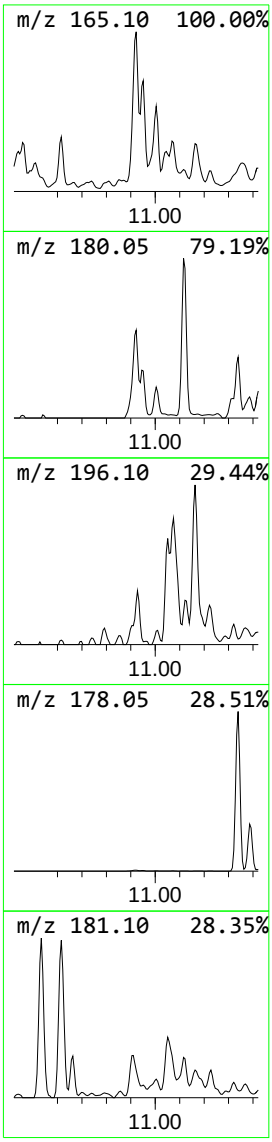
****

Peak Number 2 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.922	3.64 ng	91804	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	70
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141461.D
Acq On : 05 Feb 2025 21:31
Operator : RC/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

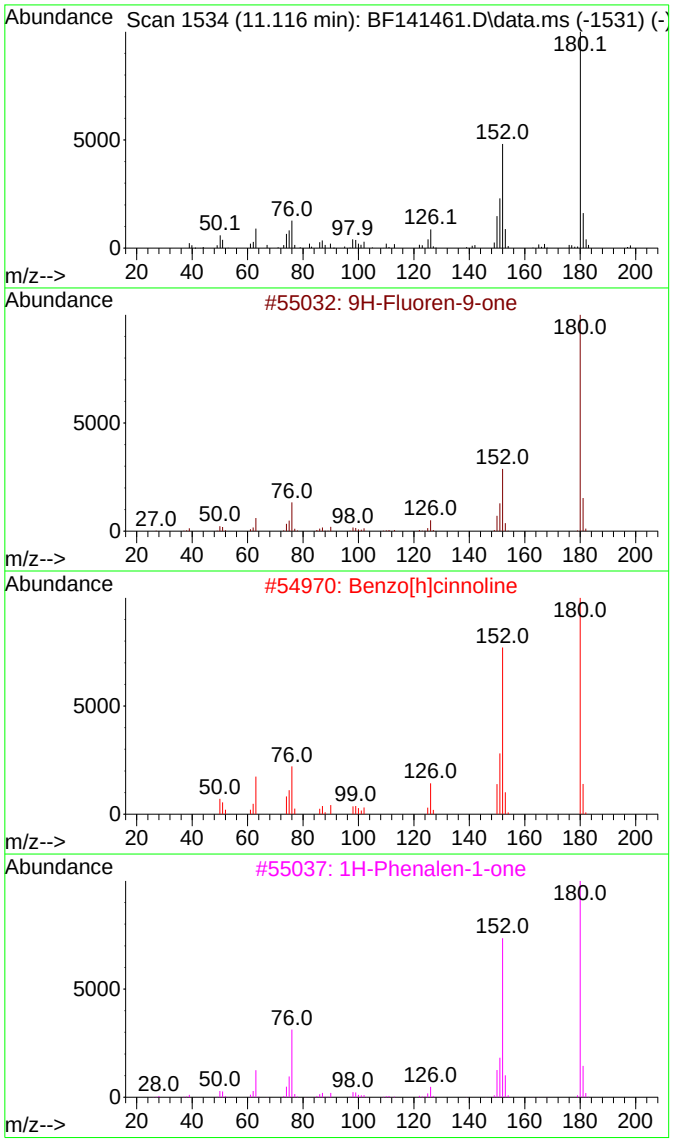
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

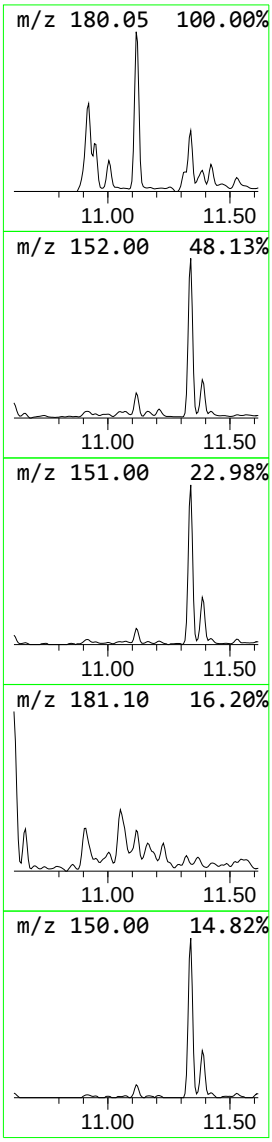
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	2.41 ng	60871	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	62
4	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	58
5	1,7-Phenanthroline	180	C12H8N2	000230-46-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141461.D
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Sample : Q1206-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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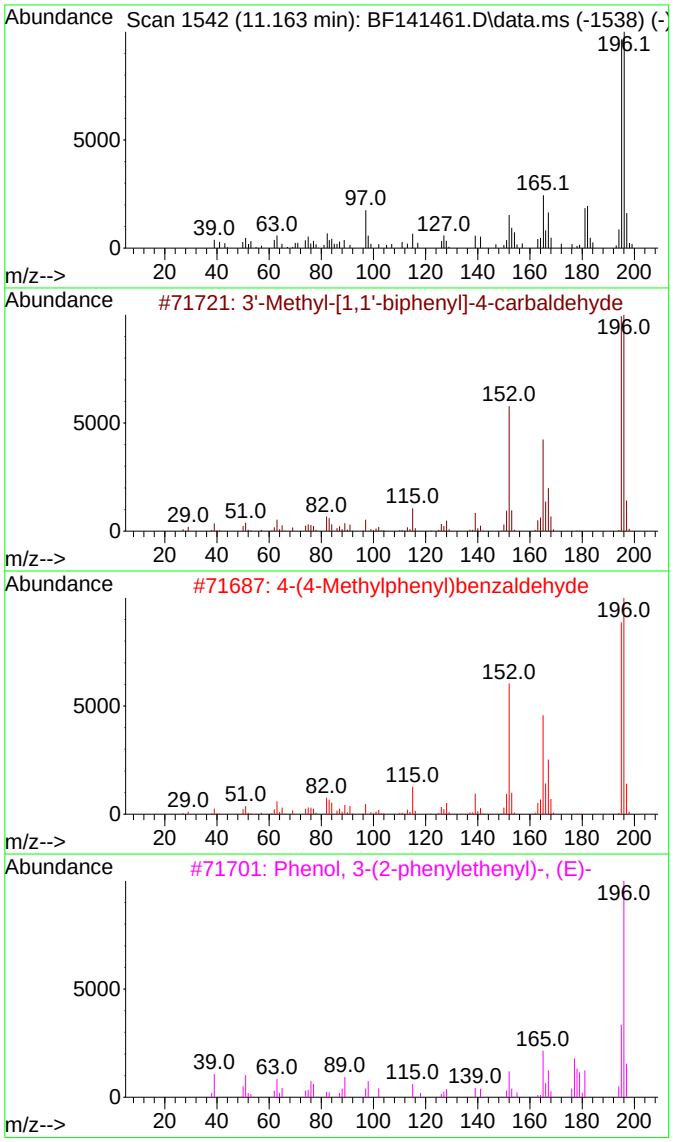
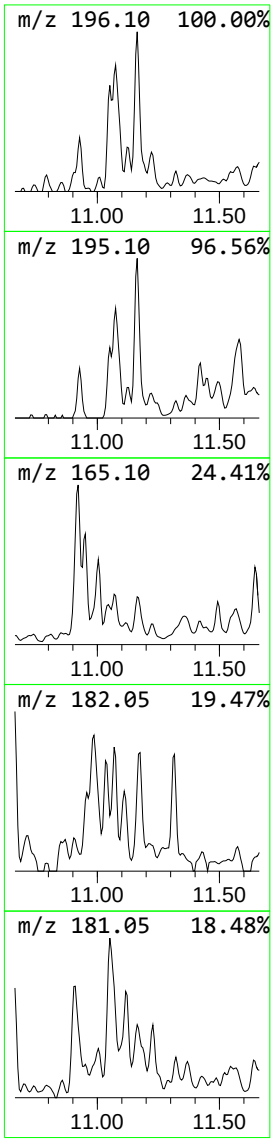
Peak Number 4 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	3.39 ng	85603	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	81
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	81
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	64
4	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	59
5	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141461.D
Acq On : 05 Feb 2025 21:31
Operator : RC/JU
Sample : Q1206-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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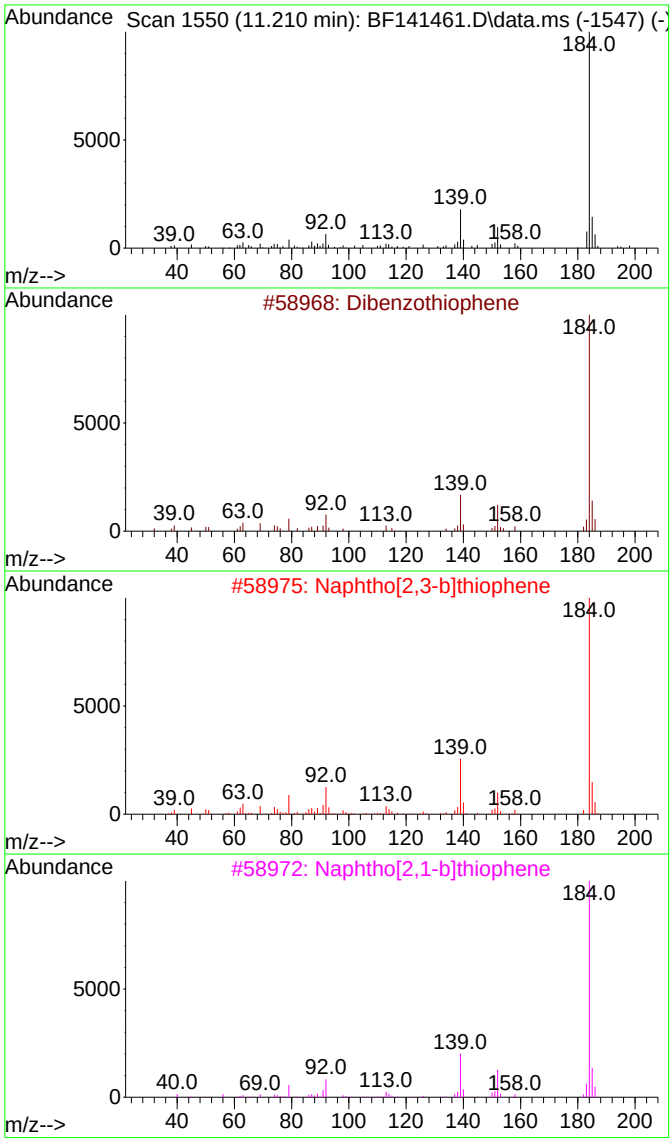
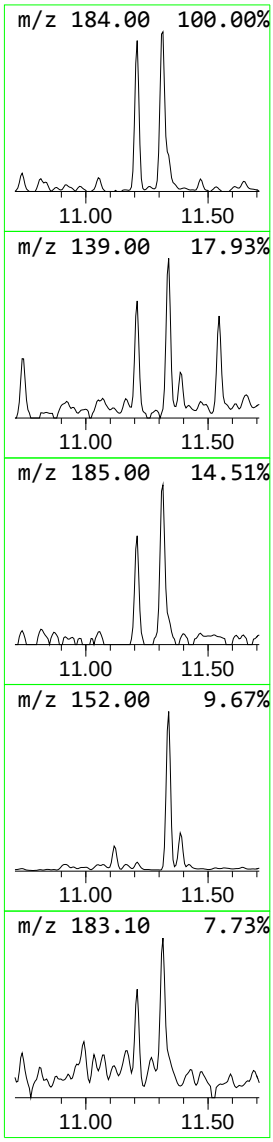
Peak Number 5 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	3.13 ng	79076	Phenanthrene-d10	11.316

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	96
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
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\BF020525\
Data File : BF141461.D
Acq On : 05 Feb 2025 21:31
Operator : RC/JU
Sample : Q1206-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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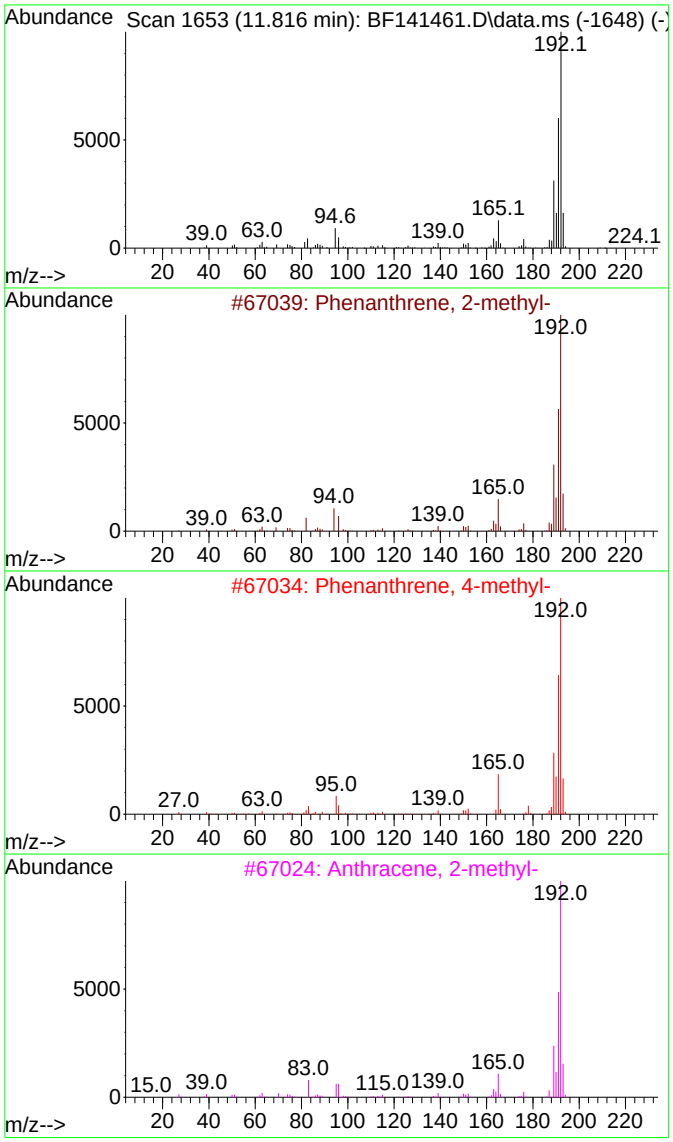
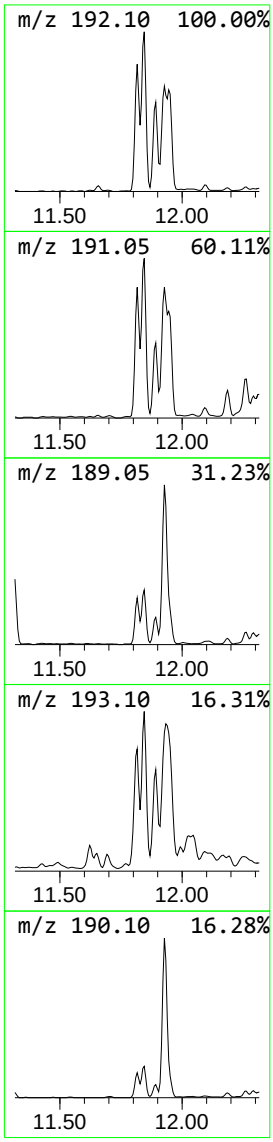
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	8.46 ng	213451	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, 4-methyl-	192	C15H12	000832-64-4	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Operator : RC/JU
Sample : Q1206-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-20.1-012725

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

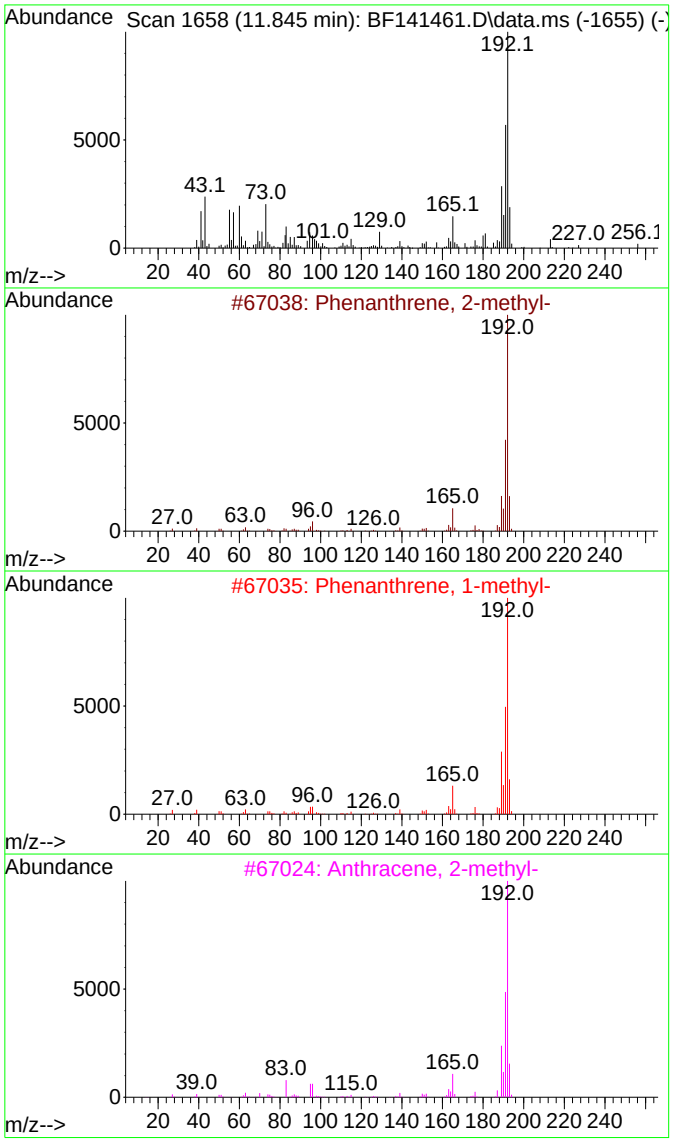
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

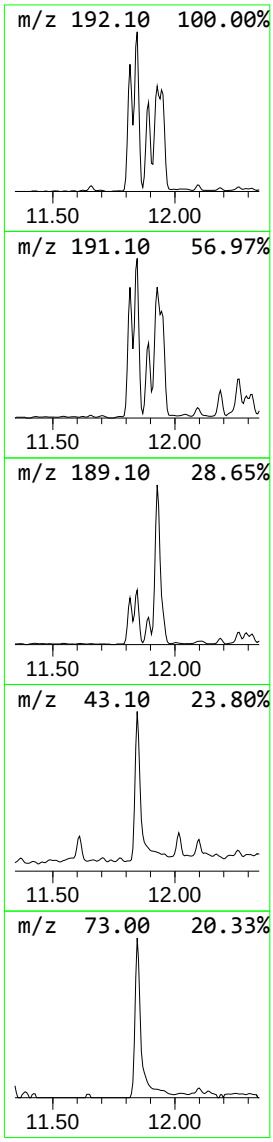
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	15.02 ng	378838	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92





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Sample : Q1206-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

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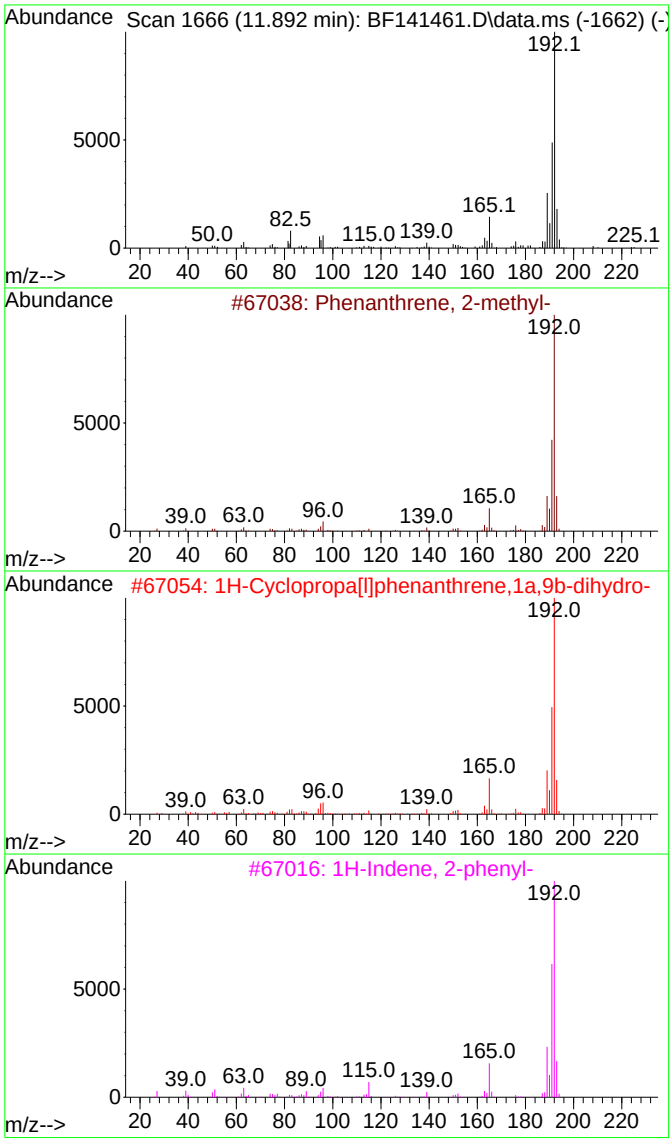
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

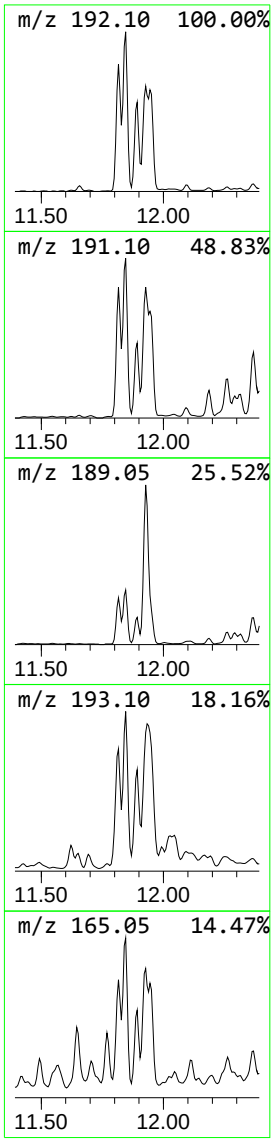
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	5.49 ng	138478	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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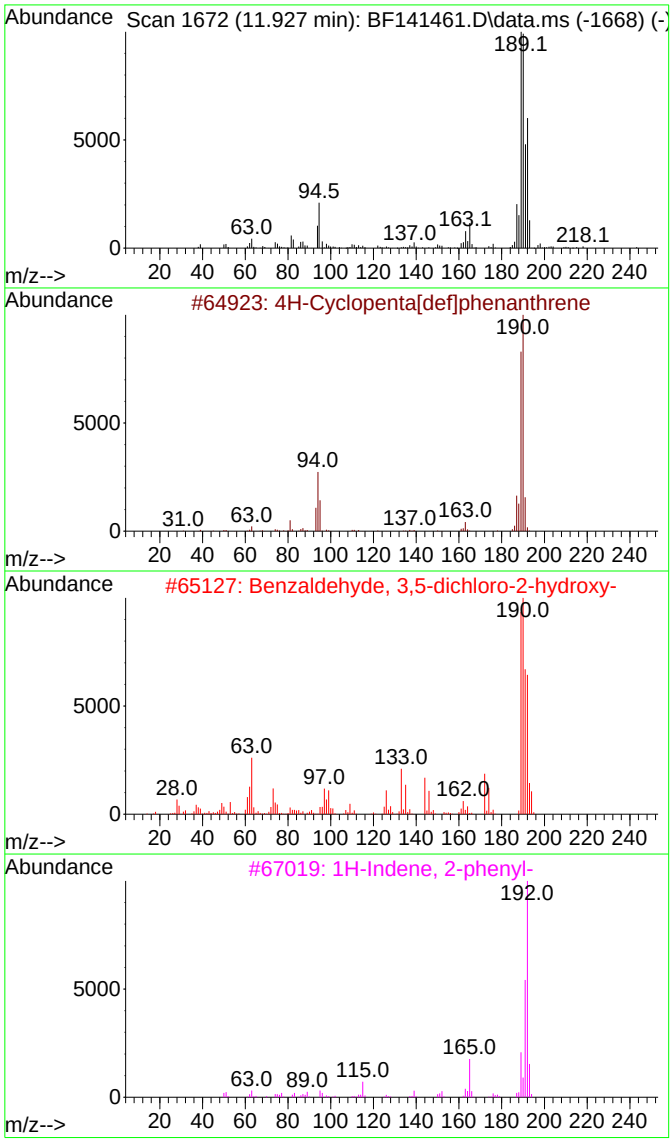
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

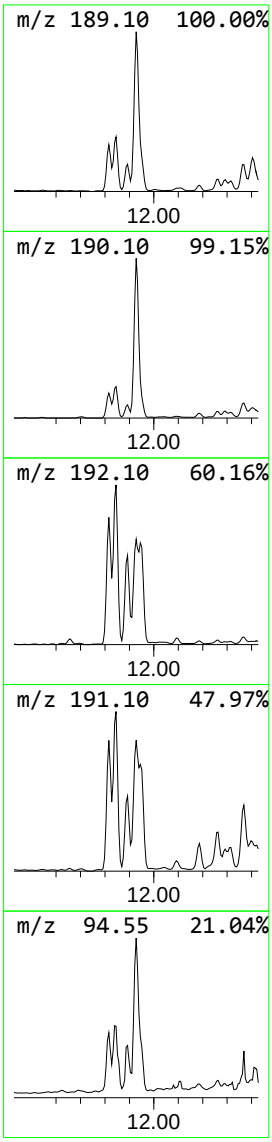
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	21.13 ng	533135	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





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Sample : Q1206-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-20.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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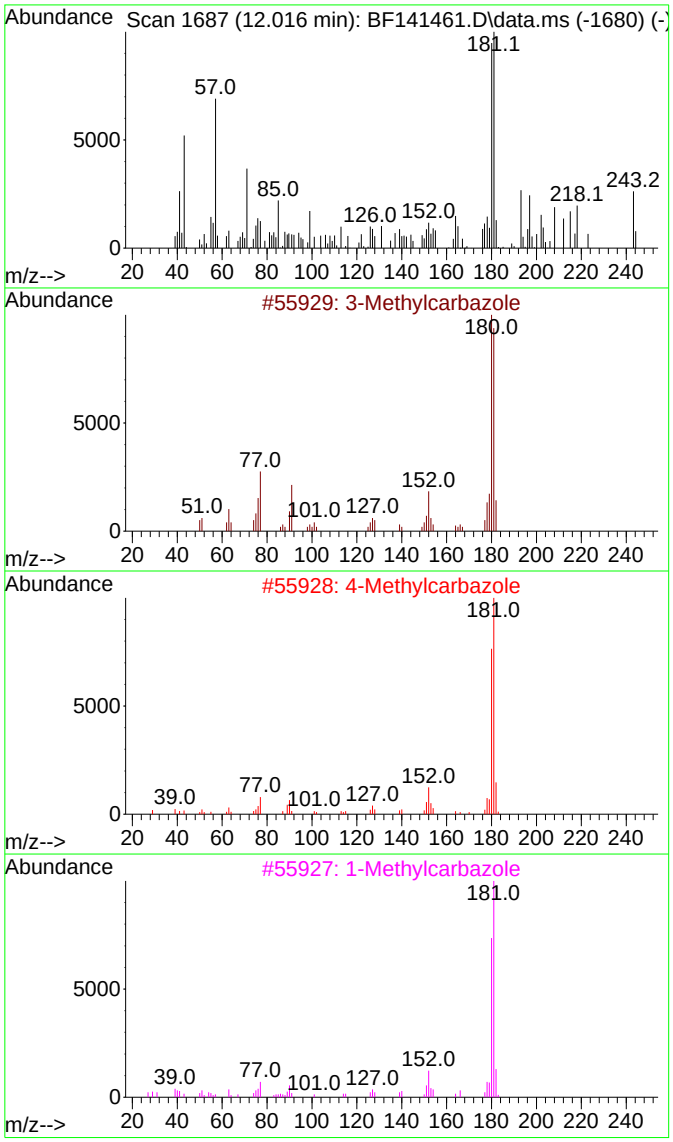
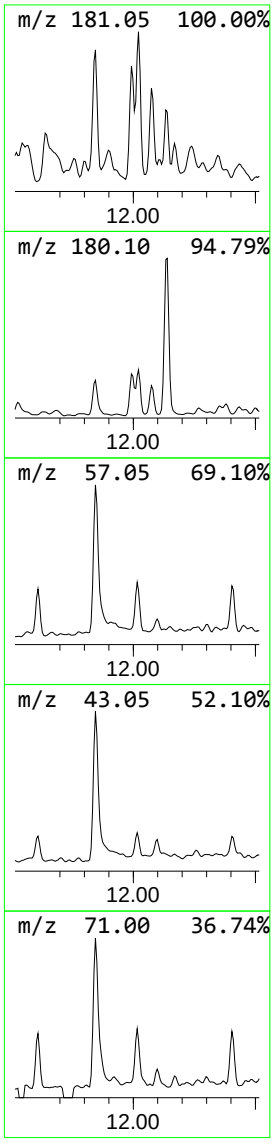
Peak Number 10 3-Methylcarbazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	3.05 ng	76985	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	70
2	4-Methylcarbazole	181	C13H11N	003770-48-7	55
3	1-Methylcarbazole	181	C13H11N	006510-65-2	55
4	4-(2-Phenylvinyl)pyridine, trans-	181	C13H11N	005097-93-8	55
5	4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	49





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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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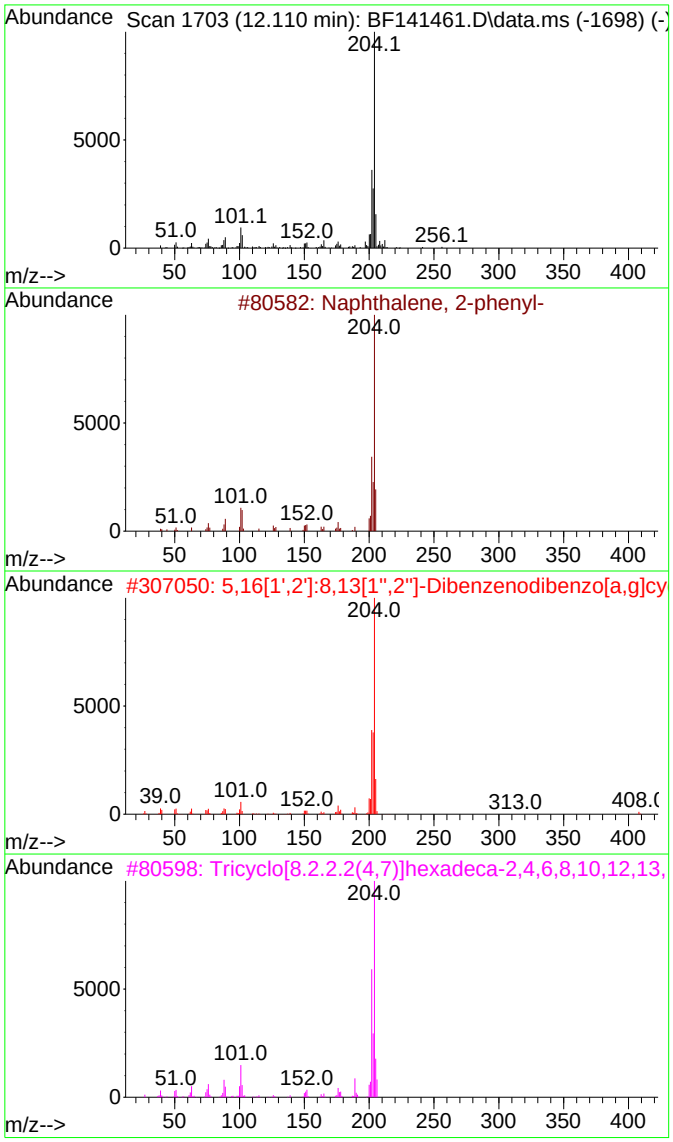
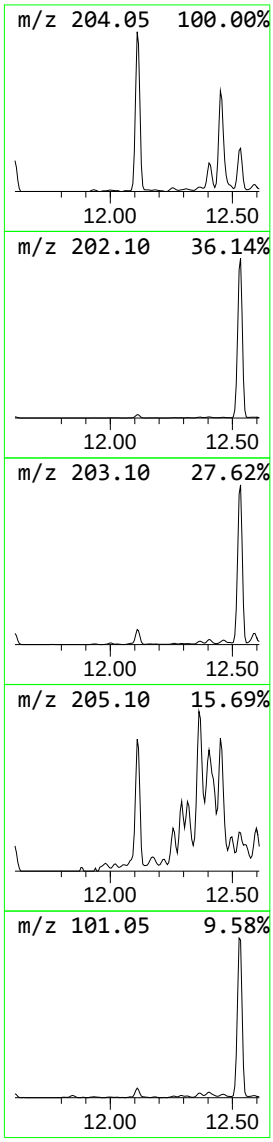
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	6.94 ng	175204	Phenanthrene-d10	11.316

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	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	53
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52





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ALS Vial : 16 Sample Multiplier: 1

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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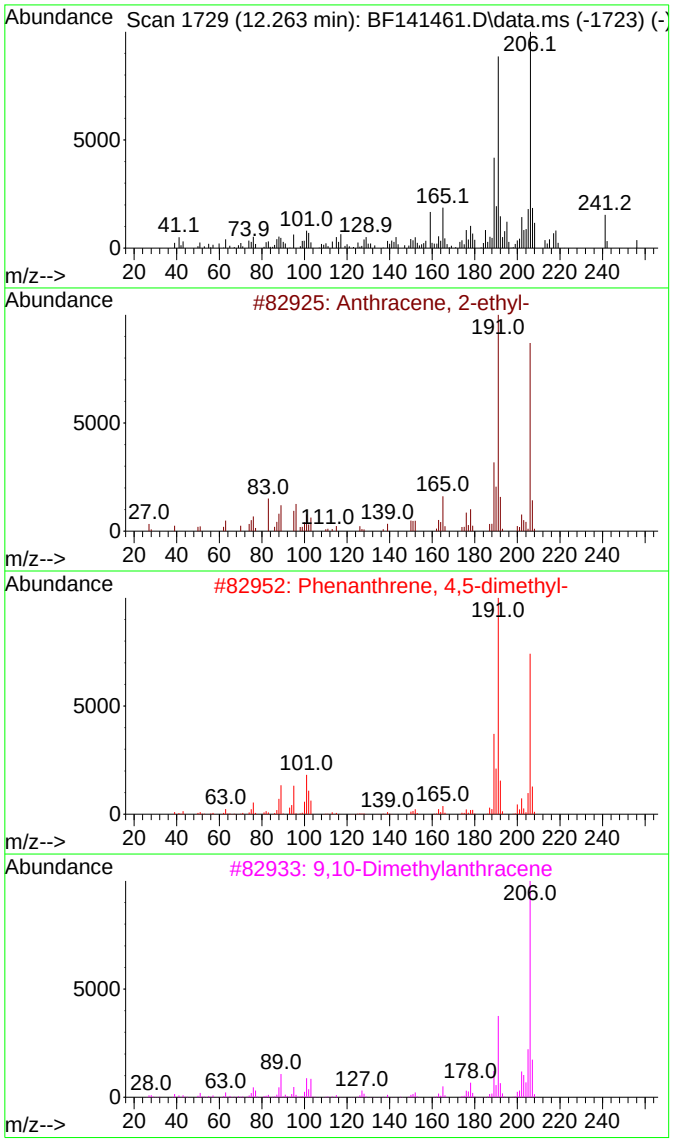
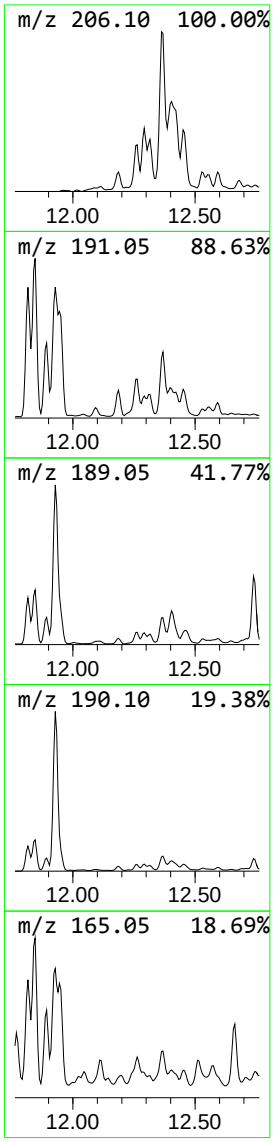
Peak Number 12 Anthracene, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.263	3.56 ng	89908	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	94
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90





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Sample : Q1206-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

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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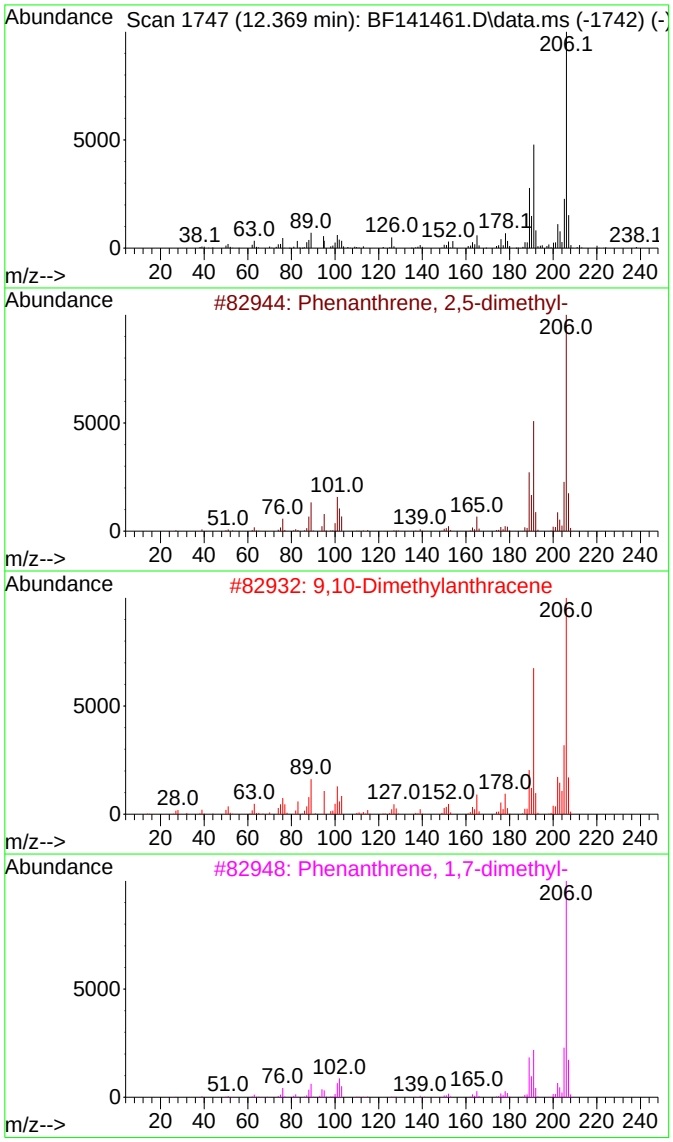
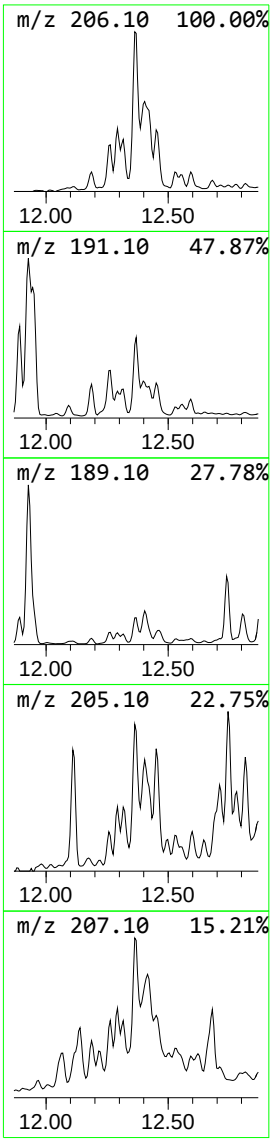
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	6.66 ng	168090	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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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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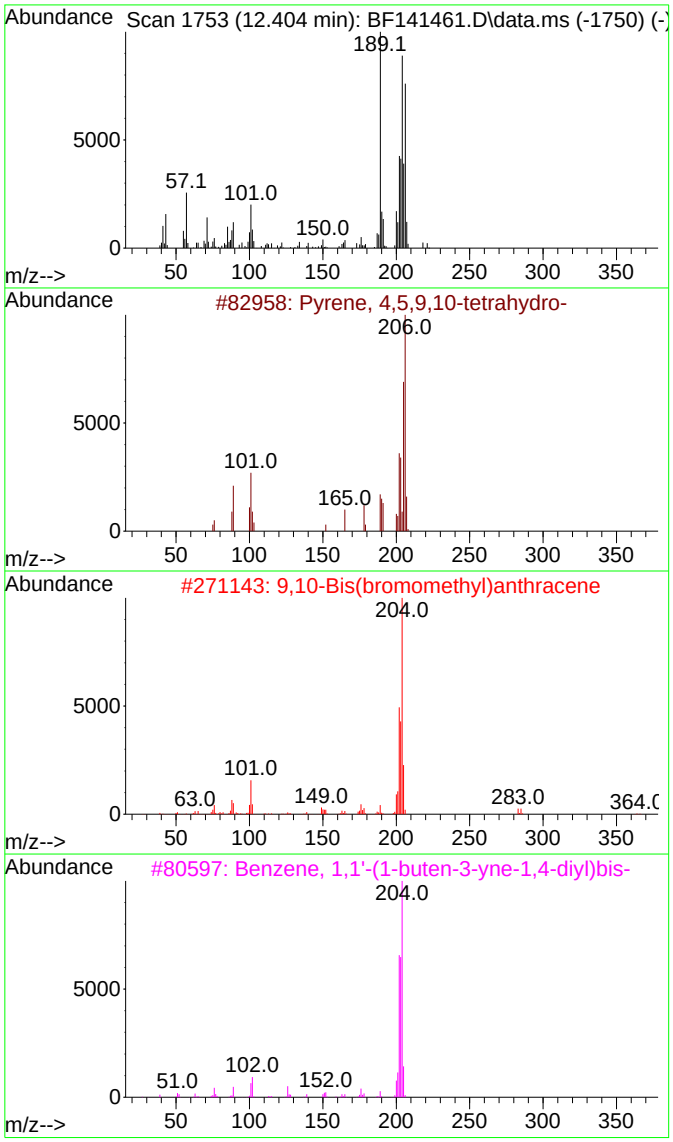
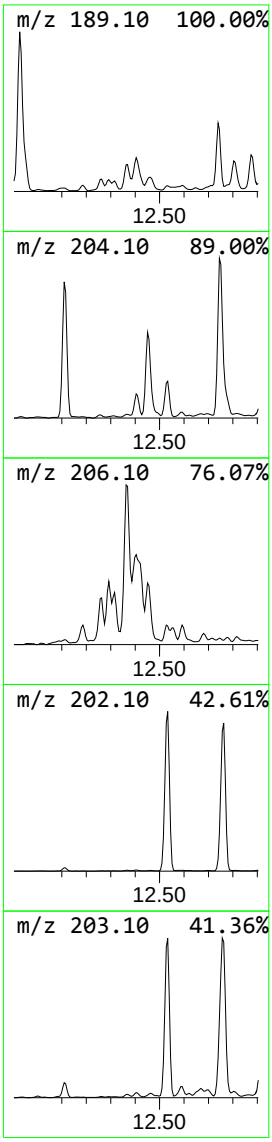
Peak Number 14 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	4.19 ng	105691	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	80
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	46
3	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	30
4	1-Isopropyl-1H-benzimidazole-5-c...	204	C11H12N2O2	284673-16-1	27
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	25





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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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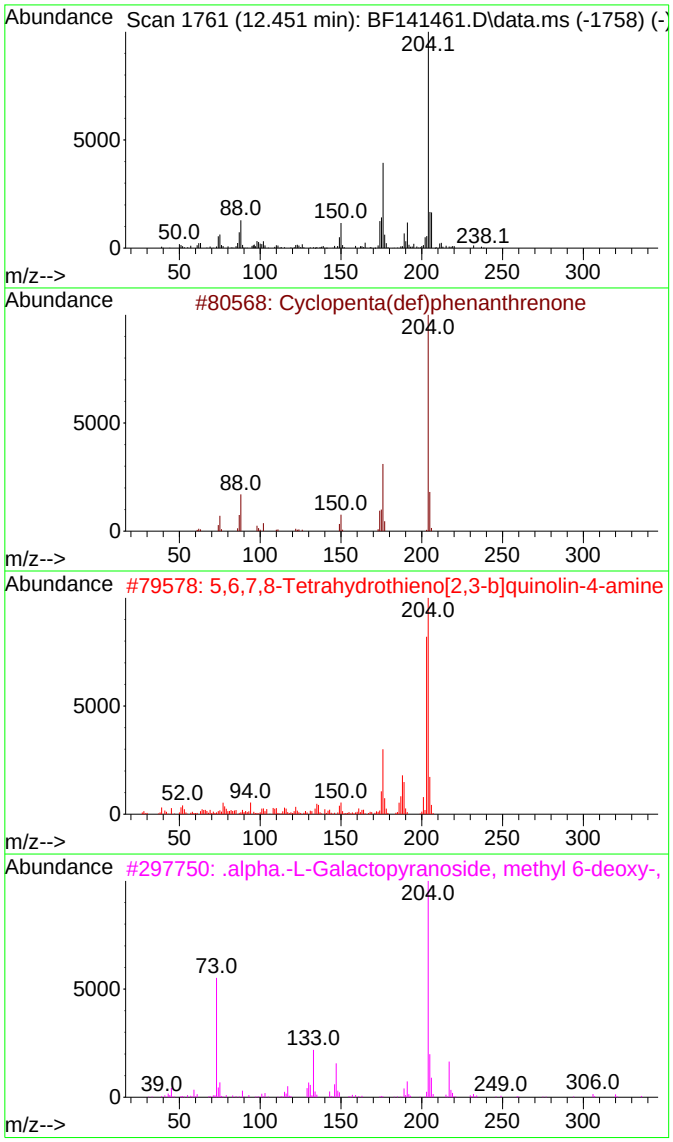
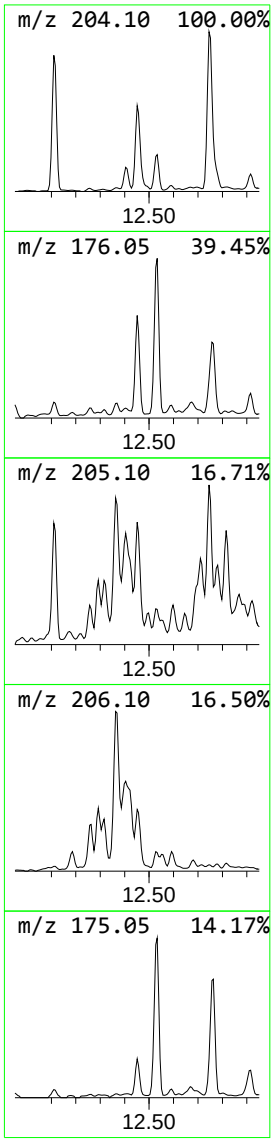
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	6.28 ng	158423	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3	.alpha.-L-Galactopyranoside, met...	394	C16H38O5Si3	056271-60-4	43
4	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





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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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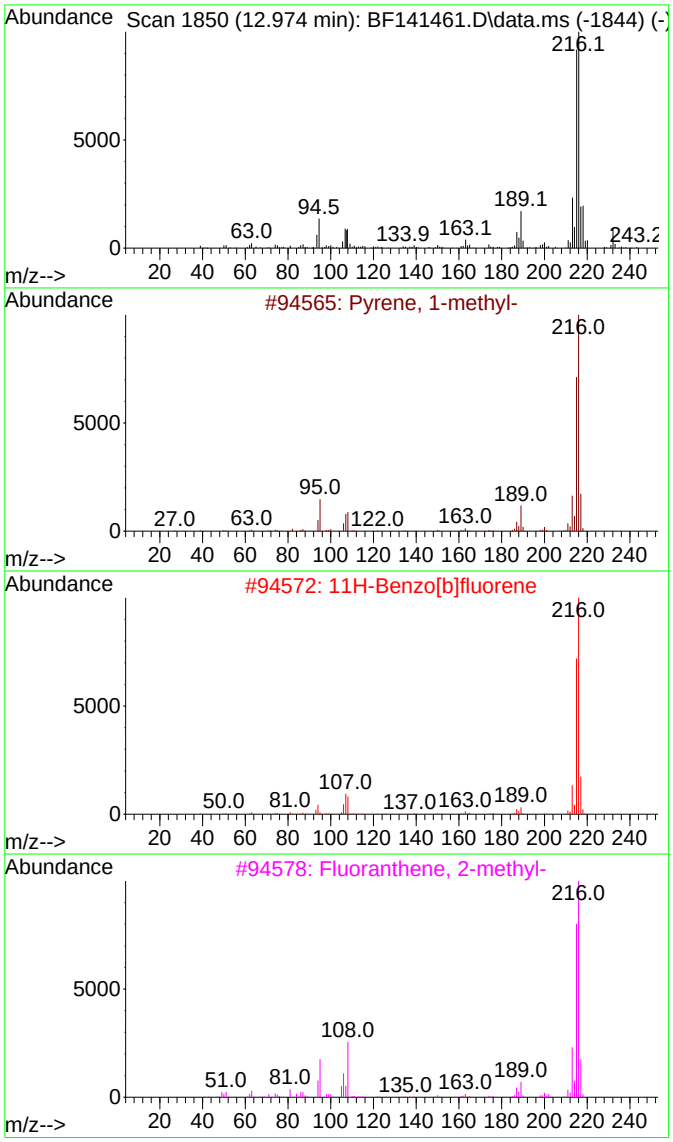
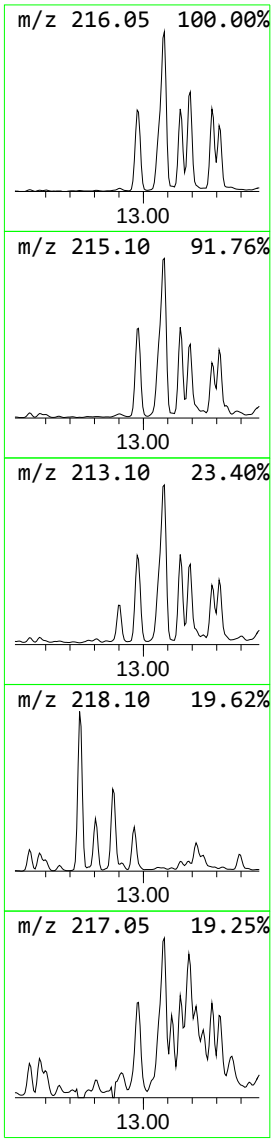
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.974	3.31 ng	302246	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	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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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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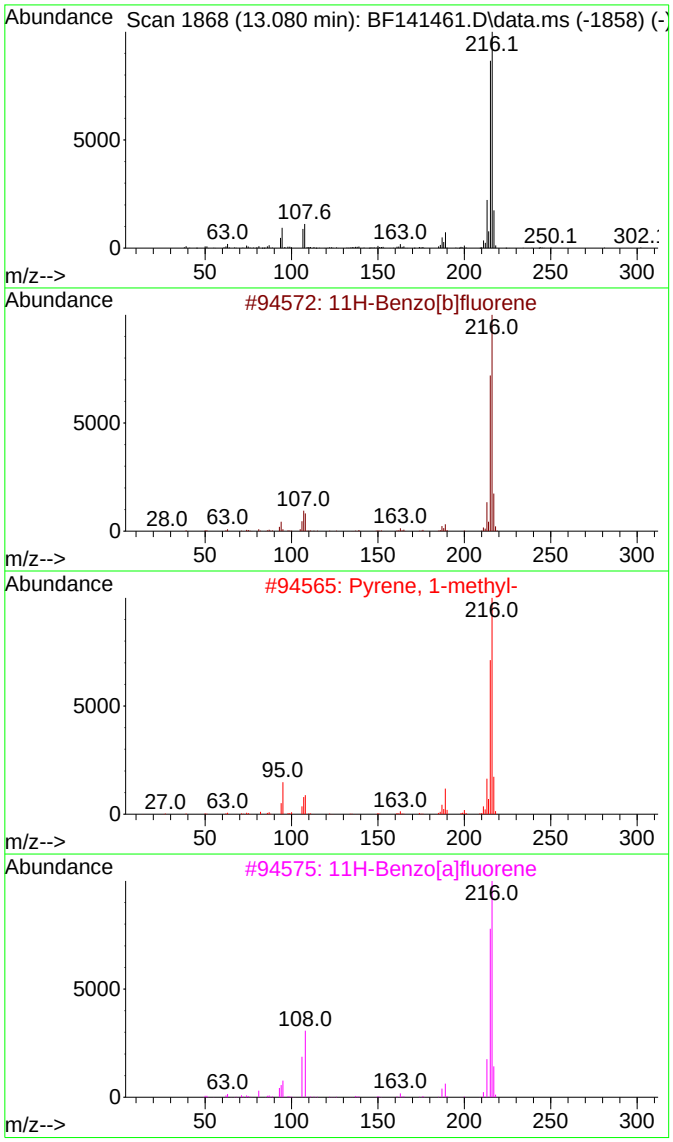
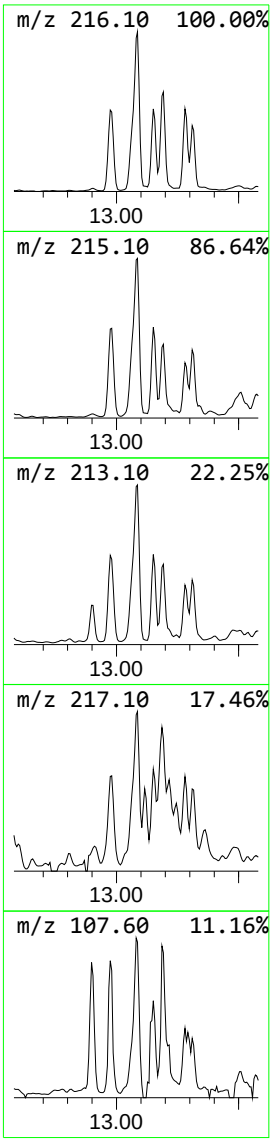
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.080	4.65 ng	424661	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Data File : BF141461.D
Acq On : 05 Feb 2025 21:31
Operator : RC/JU
Sample : Q1206-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

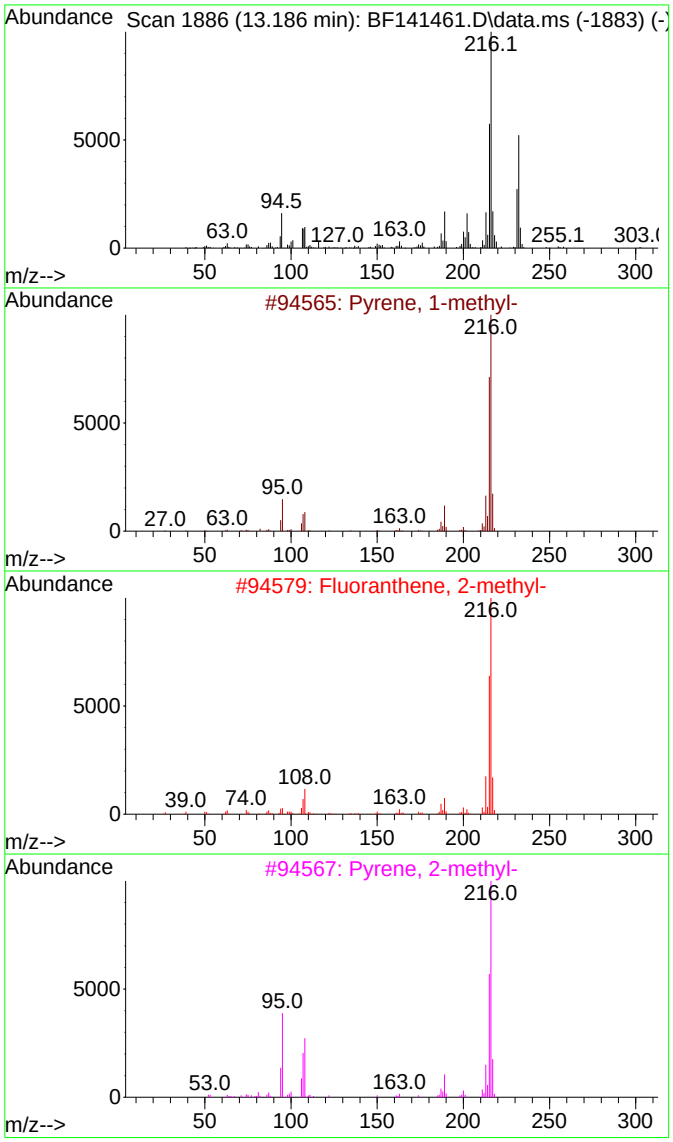
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

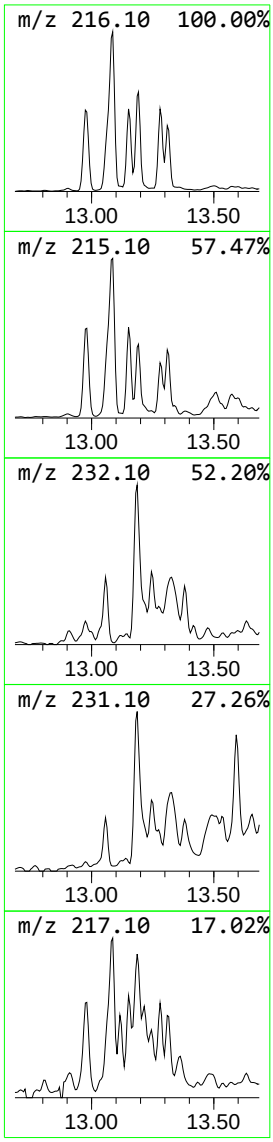
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	3.13 ng	285563	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141461.D
Acq On : 05 Feb 2025 21:31
Operator : RC/JU
Sample : Q1206-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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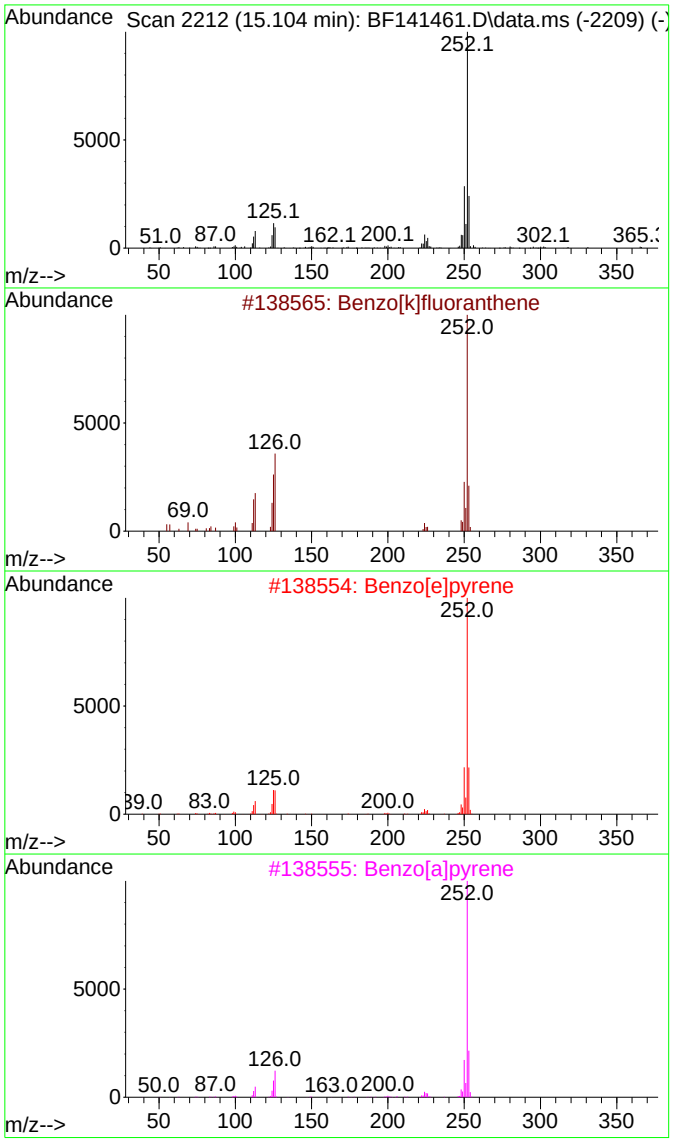
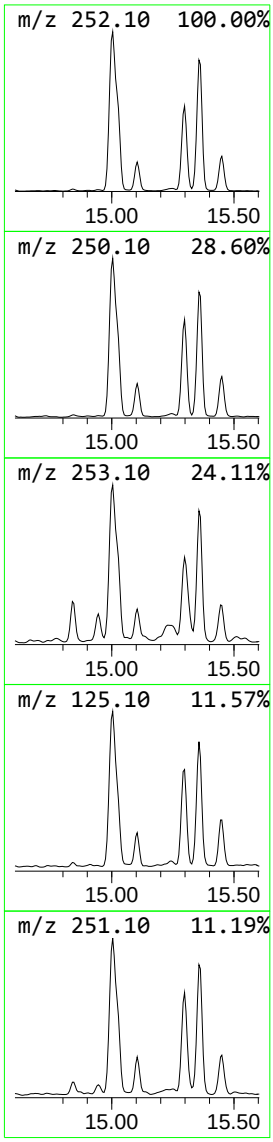
Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	8.31 ng	126279	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141461.D
Acq On : 05 Feb 2025 21:31
Operator : RC/JU
Sample : Q1206-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

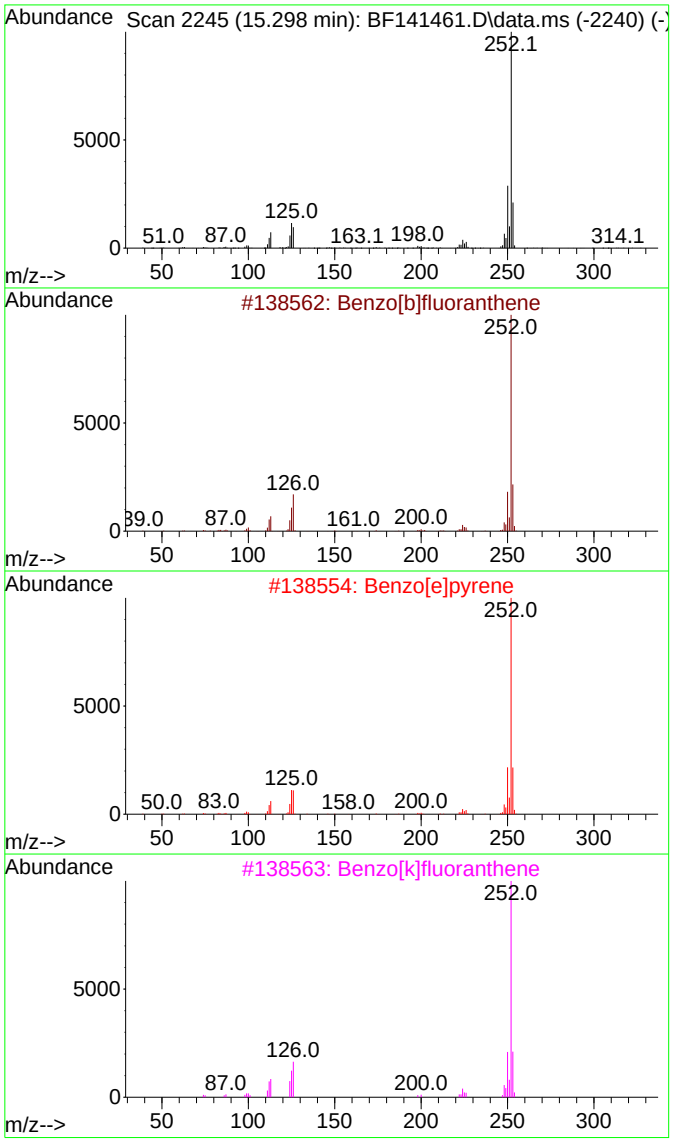
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

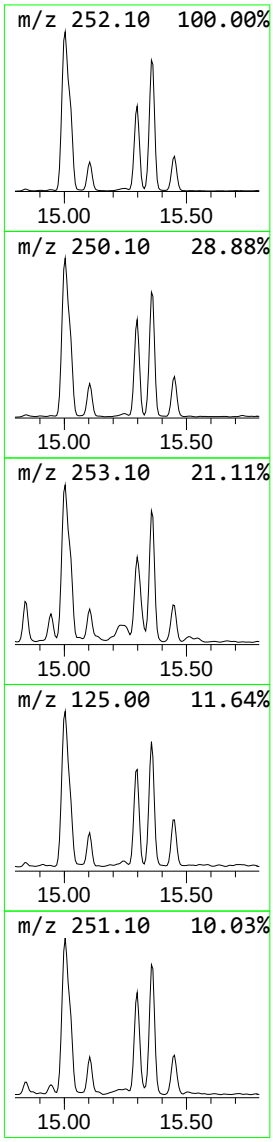
****

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	31.73 ng	482191	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141461.D
Acq On : 05 Feb 2025 21:31
Operator : RC/JU
Sample : Q1206-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20.1-012725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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	9.9	ng	296915	3	9.828	600050	20.0
9H-Fluorene, 2-...	10.922	3.6	ng	91804	4	11.316	504612	20.0
9H-Fluoren-9-one	11.116	2.4	ng	60871	4	11.316	504612	20.0
3'-Methyl-[1,1'...	11.163	3.4	ng	85603	4	11.316	504612	20.0
Dibenzothiophene	11.210	3.1	ng	79076	4	11.316	504612	20.0
Phenanthrene, 2...	11.816	8.5	ng	213451	4	11.316	504612	20.0
Phenanthrene, 1...	11.845	15.0	ng	378838	4	11.316	504612	20.0
1H-Cyclopropa[l...	11.892	5.5	ng	138478	4	11.316	504612	20.0
4H-Cyclopenta[d...	11.928	21.1	ng	533135	4	11.316	504612	20.0
3-Methylcarbazole	12.016	3.0	ng	76985	4	11.316	504612	20.0
Naphthalene, 2-...	12.110	6.9	ng	175204	4	11.316	504612	20.0
Anthracene, 2-e...	12.263	3.6	ng	89908	4	11.316	504612	20.0
Phenanthrene, 2...	12.369	6.7	ng	168090	4	11.316	504612	20.0
Pyrene, 4,5,9,1...	12.404	4.2	ng	105691	4	11.316	504612	20.0
Cyclopenta(def)...	12.451	6.3	ng	158423	4	11.316	504612	20.0
Pyrene, 1-methyl-	12.974	3.3	ng	302246	5	13.963	1825840	20.0
11H-Benzo[b]flu...	13.080	4.7	ng	424661	5	13.963	1825840	20.0
Fluoranthene, 2...	13.186	3.1	ng	285563	5	13.963	1825840	20.0
Benzo[e]pyrene	15.104	8.3	ng	126279	6	15.421	303938	20.0
Benzo[j]fluoran...	15.298	31.7	ng	482191	6	15.421	303938	20.0