LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141652.D
Acq On : 14 Feb 2025 20:52
Operator : RC/JU
Sample : Q1365-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR22266

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: BF141652.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.993	489	493	505	rVB	14963	26889	1.12%	0.081%
2	5.404	558	563	588	rVB	1209322	1757706	73.33%	5.312%
3	6.057	669	674	679	rBV	31438	39968	1.67%	0.121%
4	6.428	731	737	754	rBV	1282079	1857488	77.50%	5.614%
5	6.787	793	798	805	rBV	430220	549722	22.94%	1.661%
6	6.857	805	810	814	rVV	23088	30506	1.27%	0.092%
7	7.351	887	894	914	rBV	879471	1239484	51.71%	3.746%
8	7.610	932	938	949	rBV	29801	52610	2.19%	0.159%
9	7.810	968	972	977	rVB2	24432	31248	1.30%	0.094%
10	8.069	1010	1016	1034	rVB2	564703	1057010	44.10%	3.194%
11	8.292	1050	1054	1062	rVB	17761	28546	1.19%	0.086%
12	8.781	1132	1137	1149	rBV	96344	142489	5.94%	0.431%
13	8.881	1149	1154	1162	rVB	69356	95913	4.00%	0.290%
14	9.016	1173	1177	1182	rBV2	15725	25675	1.07%	0.078%
15	9.139	1192	1198	1208	rBV	1475088	1969324	82.16%	5.952%
16	9.239	1208	1215	1222	rVB2	30934	70049	2.92%	0.212%
17	9.404	1238	1243	1250	rBV	39375	63470	2.65%	0.192%
18	9.481	1250	1256	1258	rBV	60620	83509	3.48%	0.252%
19	9.504	1258	1260	1265	rVB2	32145	39568	1.65%	0.120%
20	9.598	1272	1276	1282	rBV	27230	42827	1.79%	0.129%
21	9.681	1282	1290	1295	rVB	42173	55396	2.31%	0.167%
22	9.822	1307	1314	1317	rBV	638163	865520	36.11%	2.616%
23	9.851	1317	1319	1324	rVV	264560	292609	12.21%	0.884%
24	9.975	1336	1340	1344	rBV	24145	30373	1.27%	0.092%
25	10.028	1344	1349	1353	rBV	166864	238316	9.94%	0.720%
26	10.063	1353	1355	1361	rVB	25143	29609	1.24%	0.089%
27	10.133	1362	1367	1370	rBV2	17940	24711	1.03%	0.075%
28	10.228	1378	1383	1384	rBV3	21544	31131	1.30%	0.094%
29	10.369	1402	1407	1412	rBV	247050	324083	13.52%	0.979%
30	10.433	1412	1418	1420	rBV	33312	62770	2.62%	0.190%
31	10.533	1429	1435	1441	rVB2	420065	573443	23.92%	1.733%
32	10.610	1442	1448	1459	rVV	902755	1244096	51.91%	3.760%
33	10.728	1463	1468	1475	rVB5	43537	81521	3.40%	0.246%
34	10.839	1483	1487	1492	rBV	79494	110032	4.59%	0.333%
35	10.916	1492	1500	1503	rBV4	61517	122718	5.12%	0.371%
36	10.998	1508	1514	1517	rVV6	21884	50216	2.10%	0.152%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141652.D
Acq On : 14 Feb 2025 20:52
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Sample : Q1365-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR22266

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	11.063	1517	1525	1530	rVV4	42109	127531	5.32%	0.385%
38	11.116	1530	1534	1538	rVV	112923	159281	6.65%	0.481%
39	11.163	1538	1542	1545	rVV3	109866	164801	6.88%	0.498%
40	11.204	1545	1549	1556	rVB	112288	159854	6.67%	0.483%
41	11.310	1561	1567	1568	rBV	564369	754392	31.47%	2.280%
42	11.333	1568	1571	1575	rVV	1912281	2396841	100.00%	7.244%
43	11.380	1575	1579	1583	rVV	337912	451524	18.84%	1.365%
44	11.422	1583	1586	1591	rVB3	32231	52108	2.17%	0.157%
45	11.539	1601	1606	1613	rBV2	186932	294822	12.30%	0.891%
46	11.604	1613	1617	1620	rVV2	36734	51163	2.13%	0.155%
47	11.639	1620	1623	1629	rVB5	31509	51968	2.17%	0.157%
48	11.716	1630	1636	1641	rVB3	22036	50371	2.10%	0.152%
49	11.810	1647	1652	1654	rBV	191434	269190	11.23%	0.814%
50	11.839	1654	1657	1661	rVV	246633	308321	12.86%	0.932%
51	11.880	1661	1664	1667	rVV	63438	80907	3.38%	0.245%
52	11.922	1667	1671	1679	rVB2	280683	530601	22.14%	1.604%
53	11.998	1679	1684	1686	rBV3	38462	63329	2.64%	0.191%
54	12.104	1695	1702	1704	rBV	130121	207894	8.67%	0.628%
55	12.133	1704	1707	1712	rVB	102621	129571	5.41%	0.392%
56	12.251	1723	1727	1730	rBV	48354	66955	2.79%	0.202%
57	12.286	1730	1733	1735	rVV	23636	27758	1.16%	0.084%
58	12.357	1742	1745	1748	rBV	57156	63244	2.64%	0.191%
59	12.392	1748	1751	1757	rVB3	50659	77474	3.23%	0.234%
60	12.445	1757	1760	1765	rVB	82755	106091	4.43%	0.321%
61	12.522	1768	1773	1778	rBV	1612716	2106265	87.88%	6.366%
62	12.669	1792	1798	1802	rBV3	58985	100746	4.20%	0.304%
63	12.751	1805	1812	1817	rVV	1328815	2010056	83.86%	6.075%
64	12.792	1817	1819	1826	rVB2	80529	120714	5.04%	0.365%
65	12.892	1828	1836	1844	rBV	1094389	1593100	66.47%	4.815%
66	12.969	1844	1849	1853	rBV2	90541	155175	6.47%	0.469%
67	13.074	1860	1867	1872	rVB	178095	337661	14.09%	1.020%
68	13.145	1875	1879	1881	rVV	81926	109747	4.58%	0.332%
69	13.180	1881	1885	1892	rVB3	128162	238693	9.96%	0.721%
70	13.274	1897	1901	1903	rVV	65707	84621	3.53%	0.256%
71	13.304	1903	1906	1914	rVB3	67381	109598	4.57%	0.331%
72	13.586	1950	1954	1959	rVB	116046	153123	6.39%	0.463%
73	13.698	1968	1973	1975	rBV2	125016	186871	7.80%	0.565%
74	13.721	1975	1977	1980	rVB	47536	56779	2.37%	0.172%
75	13.792	1986	1989	1995	rVB	135767	184525	7.70%	0.558%
76	13.945	2008	2015	2018	rBV2	841949	1608455	67.11%	4.861%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141652.D
Acq On : 14 Feb 2025 20:52
Operator : RC/JU
Sample : Q1365-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR22266

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

77	13.974	2018	2020	2028	rVV	594104	706636	29.48%	2.136%
78	14.051	2030	2033	2037	rVB	59020	74224	3.10%	0.224%
79	14.333	2078	2081	2084	rVB	83393	91534	3.82%	0.277%
80	14.980	2186	2191	2199	rBV	527928	1137644	47.46%	3.438%
81	15.086	2206	2209	2213	rVB	58410	69884	2.92%	0.211%
82	15.274	2237	2241	2247	rVB	242321	359679	15.01%	1.087%
83	15.339	2247	2252	2257	rVB	333084	498807	20.81%	1.507%
84	15.398	2257	2262	2266	rBV	290466	496423	20.71%	1.500%
85	16.833	2500	2506	2515	rVB2	138099	293634	12.25%	0.887%
86	17.262	2574	2579	2588	rVB	102847	217324	9.07%	0.657%

Sum of corrected areas: 33088454

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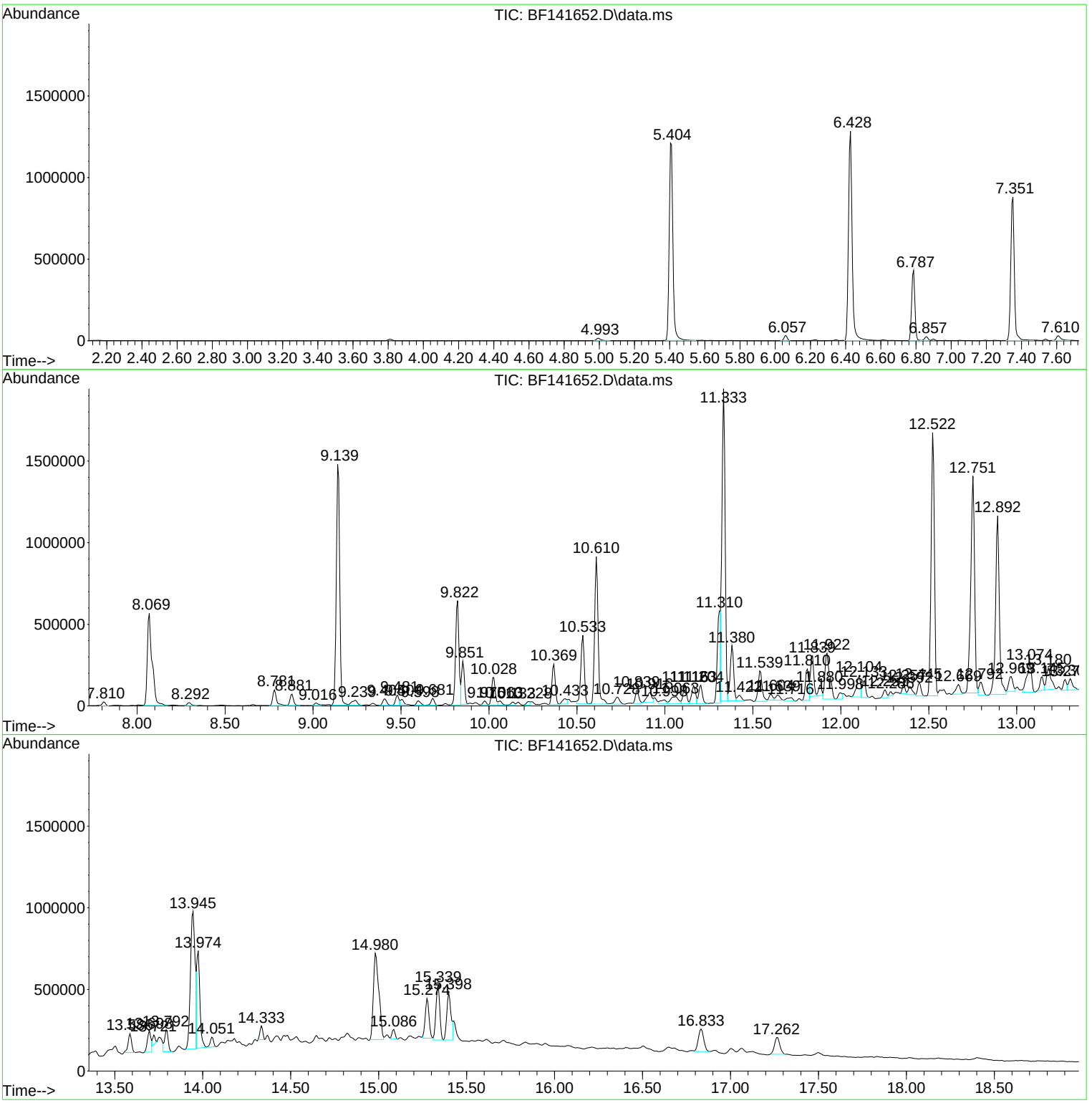
Sample : Q1365-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR22266

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141652.D
Acq On : 14 Feb 2025 20:52
Operator : RC/JU
Sample : Q1365-07
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR22266

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

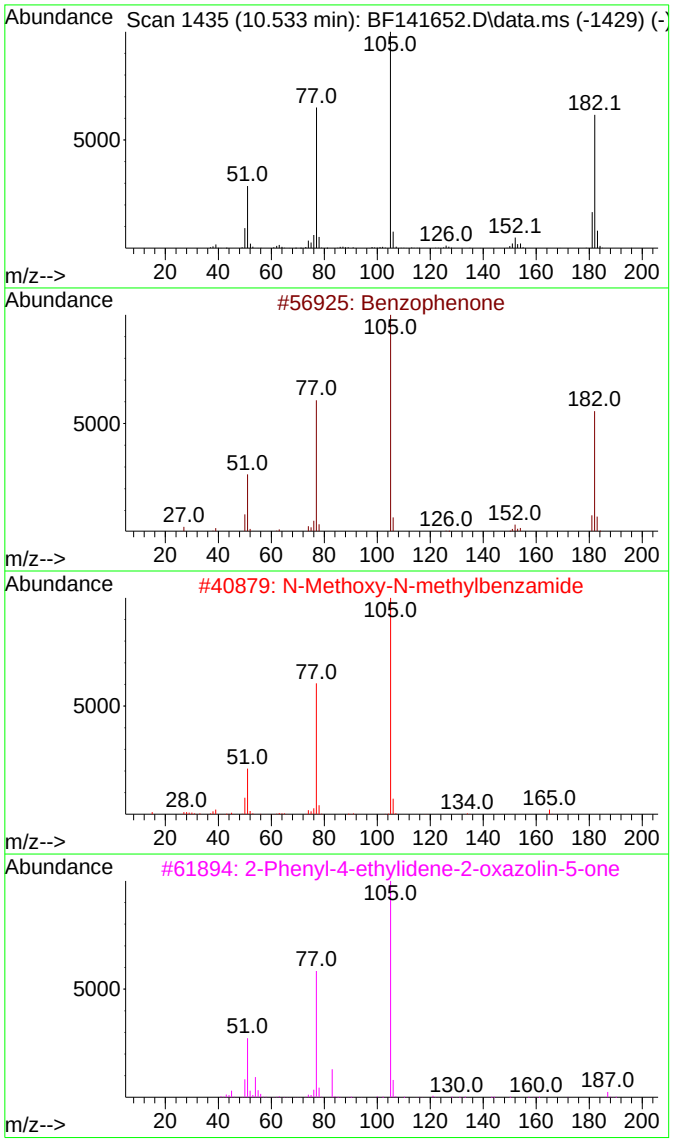
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

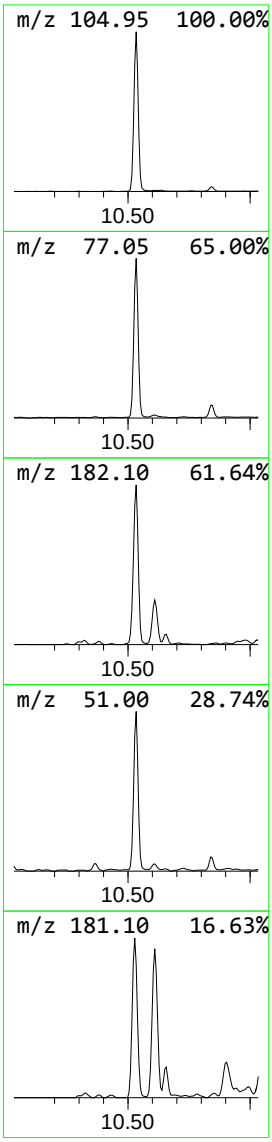
****

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.533	13.25 ng	573443	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
3	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	Benzilic acid	228	C14H12O3	000076-93-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141652.D
Acq On : 14 Feb 2025 20:52
Operator : RC/JU
Sample : Q1365-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR22266

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

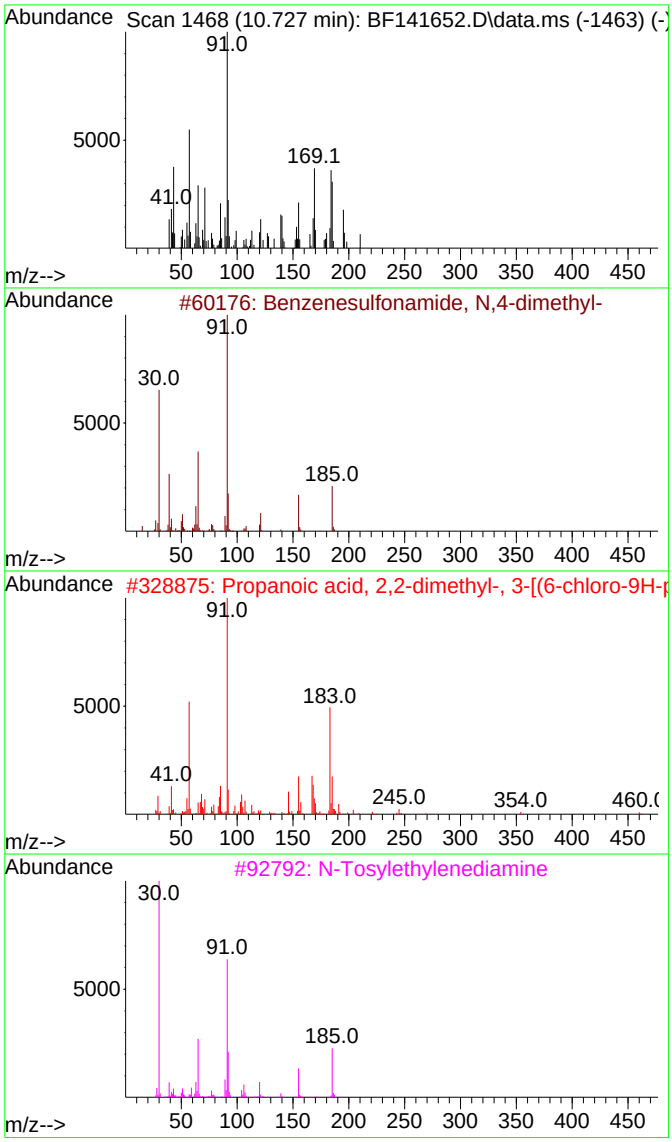
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

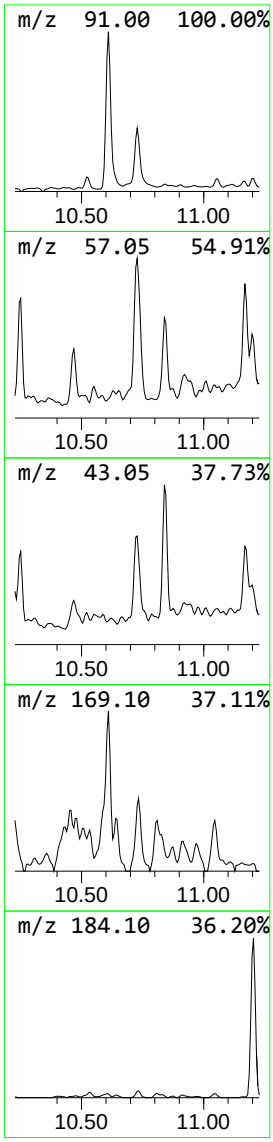
****

Peak Number 2 unknown10.727 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.727	2.16 ng	81521	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	46
2	Propanoic acid, 2,2-dimethyl-, 3...	460	C23H29ClN4O4	128435-32-5	38
3	N-Tosylethylenediamine	214	C9H14N2O2S	014316-16-6	35
4	Cycloheptа-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	20
5	2-Fluorophenol, TMS	184	C9H13FOSi	035034-06-1	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

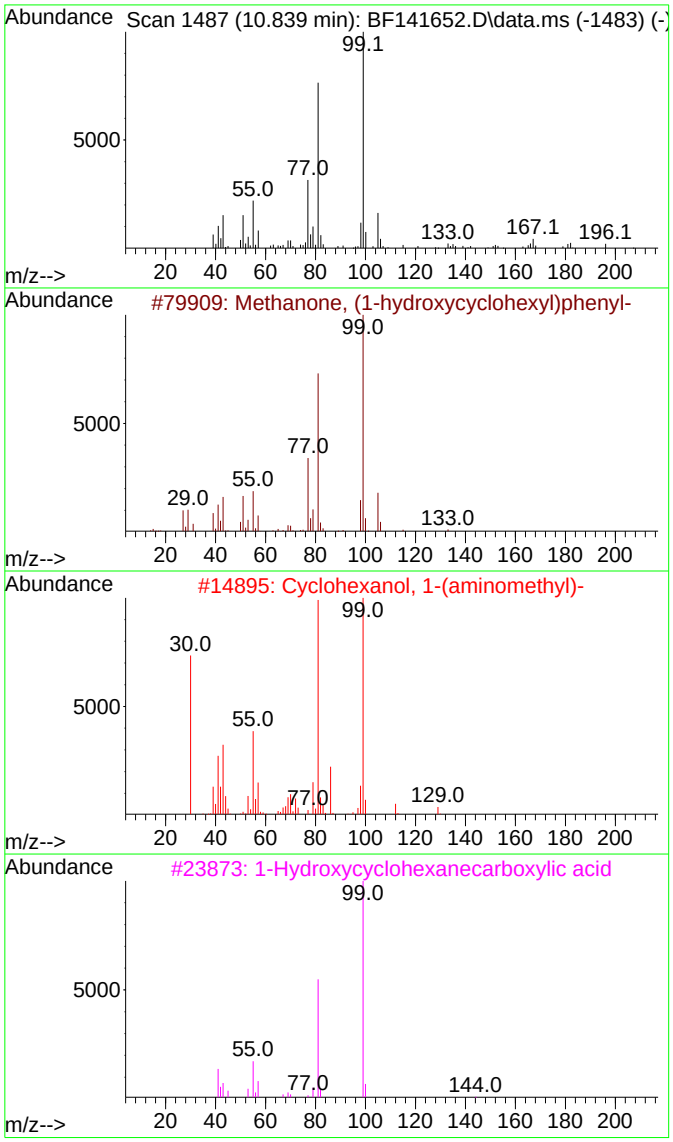
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

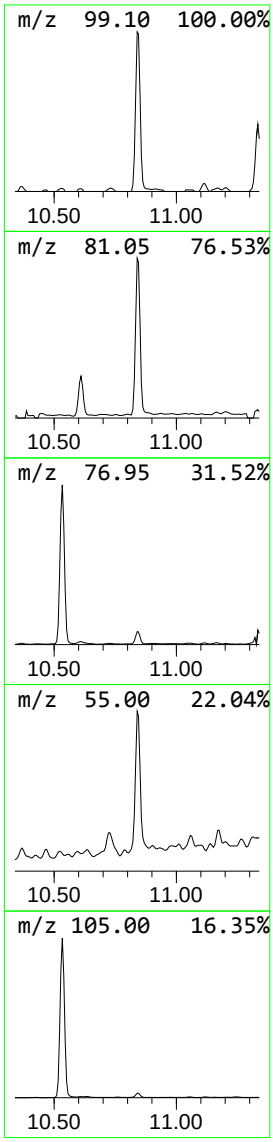
****

Peak Number 3 Methanone, (1-hydroxycycloh... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	2.92 ng	110032	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	91
2	Cyclohexanol, 1-(aminomethyl)-	129	C7H15NO	004000-72-0	59
3	1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	45
4	2-Methylcyclosarin	194	C8H16FO2P	085473-32-1	42
5	Cyclohexanol, 1-ethyl-	128	C8H16O	001940-18-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141652.D
Acq On : 14 Feb 2025 20:52
Operator : RC/JU
Sample : Q1365-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR22266

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

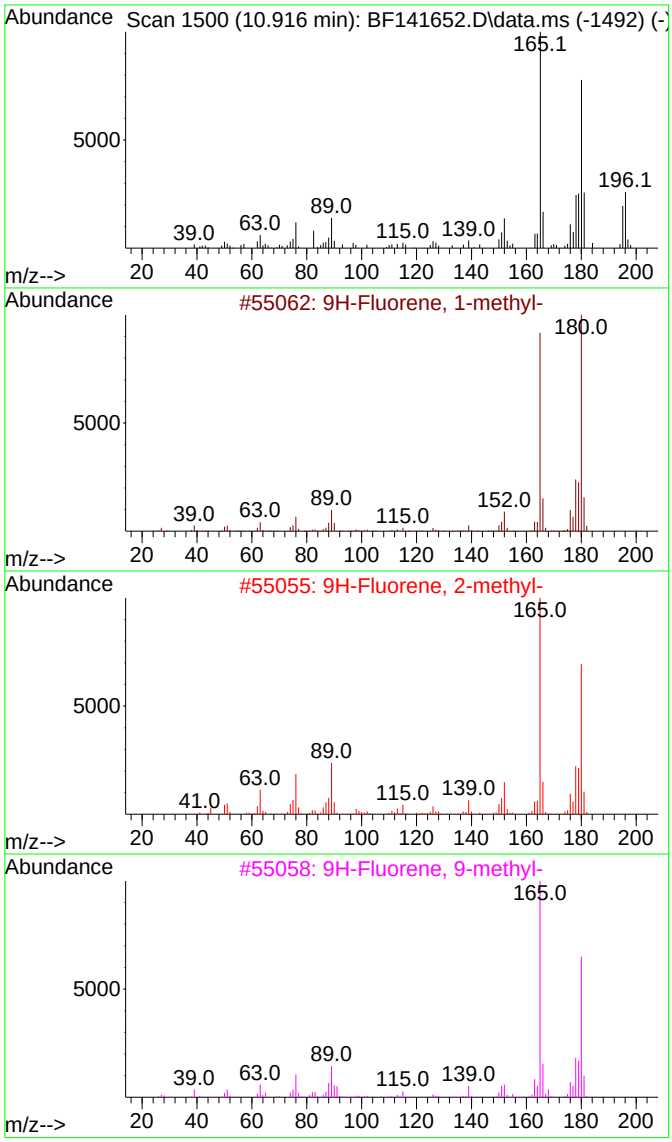
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

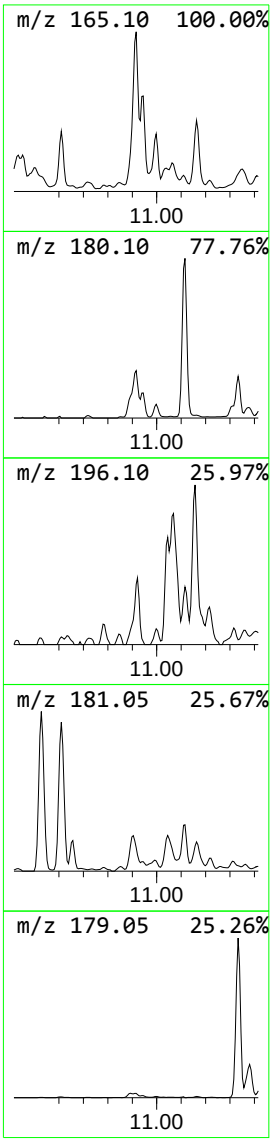
****

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.916	3.25 ng	122718	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	64
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141652.D
Acq On : 14 Feb 2025 20:52
Operator : RC/JU
Sample : Q1365-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR22266

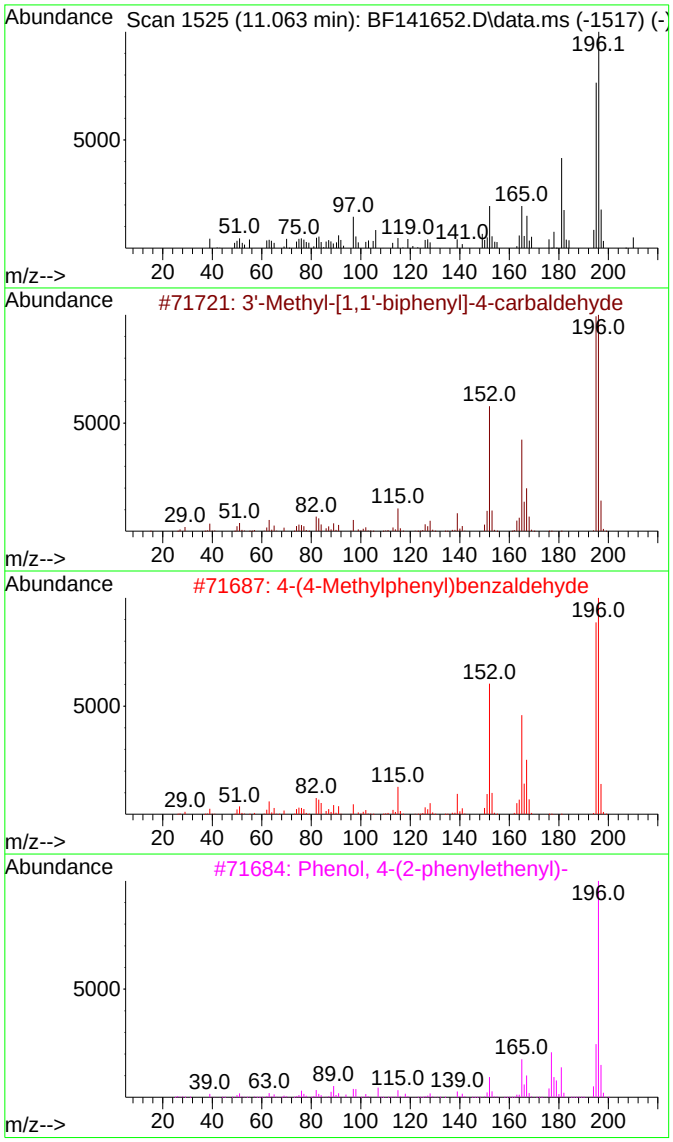
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

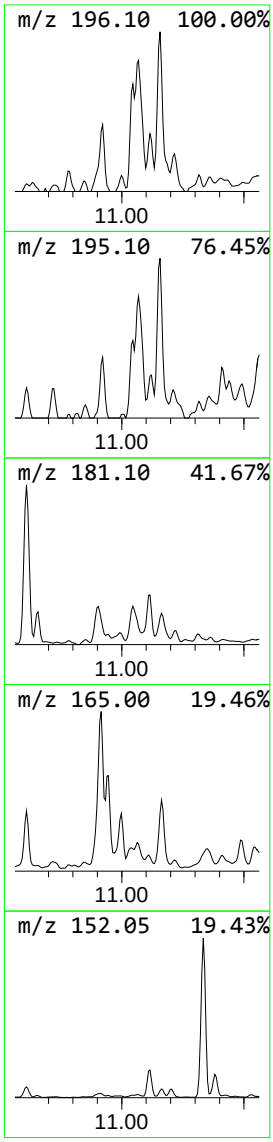
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	3.38 ng	127531	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	76
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	76
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	55
4	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	53
5	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141652.D
Acq On : 14 Feb 2025 20:52
Operator : RC/JU
Sample : Q1365-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR22266

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

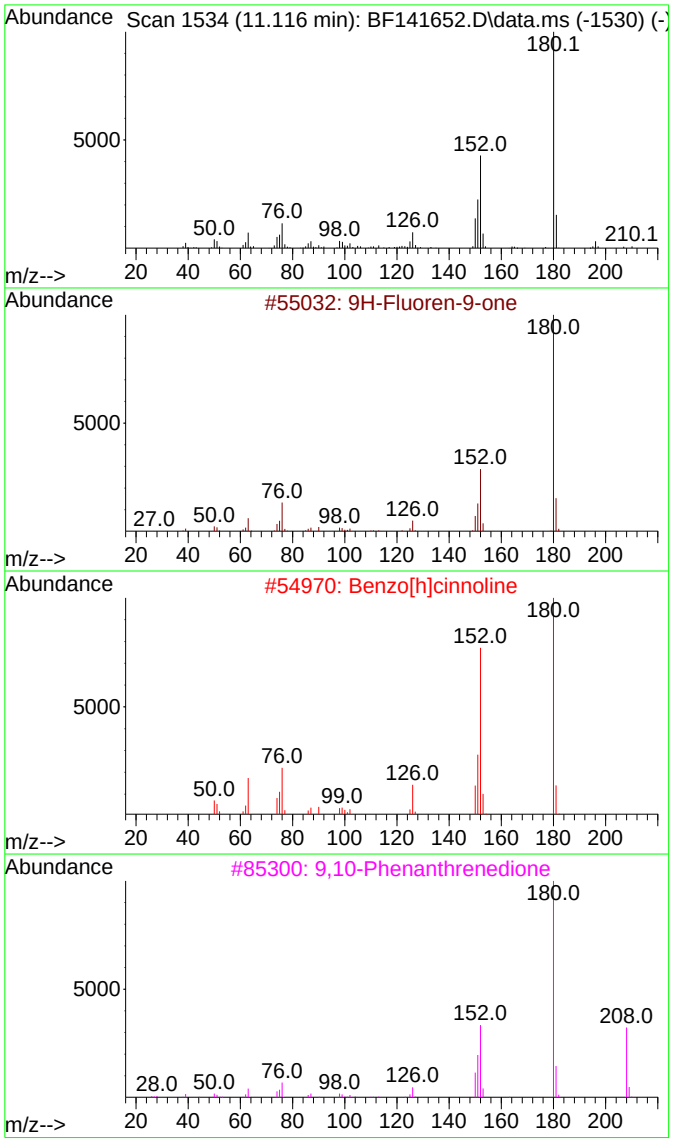
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

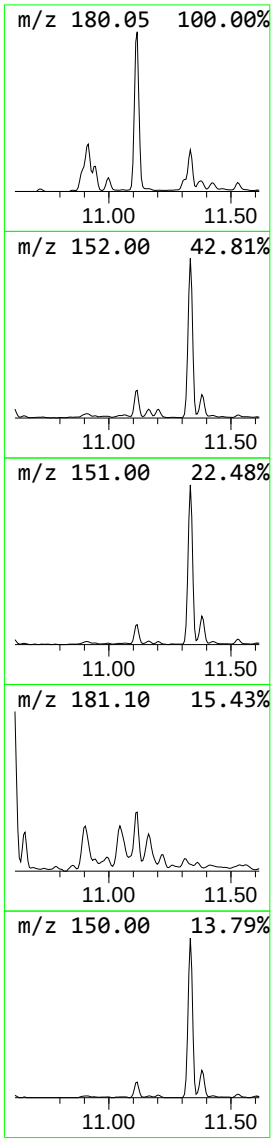
****

Peak Number 6 9H-Fluoren-9-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	4.22 ng	159281	Phenanthrene-d10	11.310

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	91
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	90
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	58





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Sample : Q1365-07
Misc :
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ClientSampleId :
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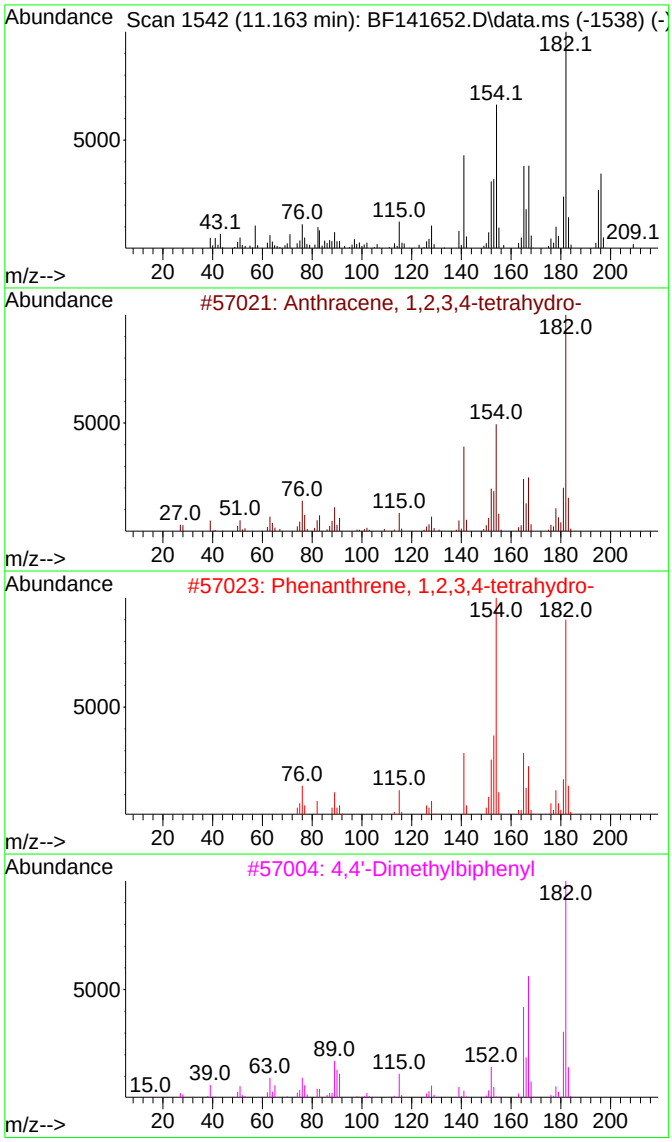
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

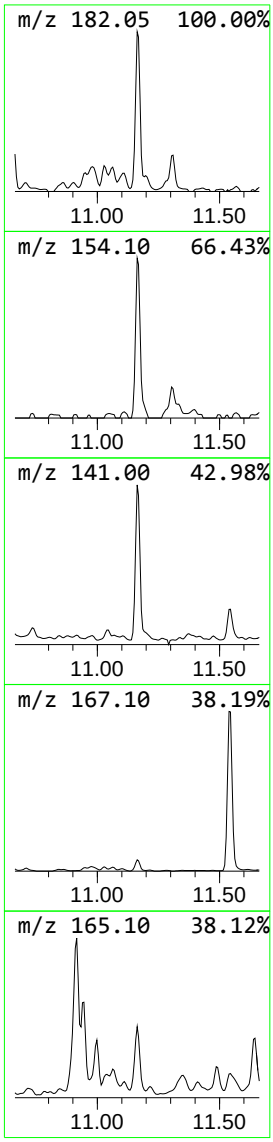
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	4.37 ng	164801	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	97
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	55
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	55
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	51





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ALS Vial : 15 Sample Multiplier: 1

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

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

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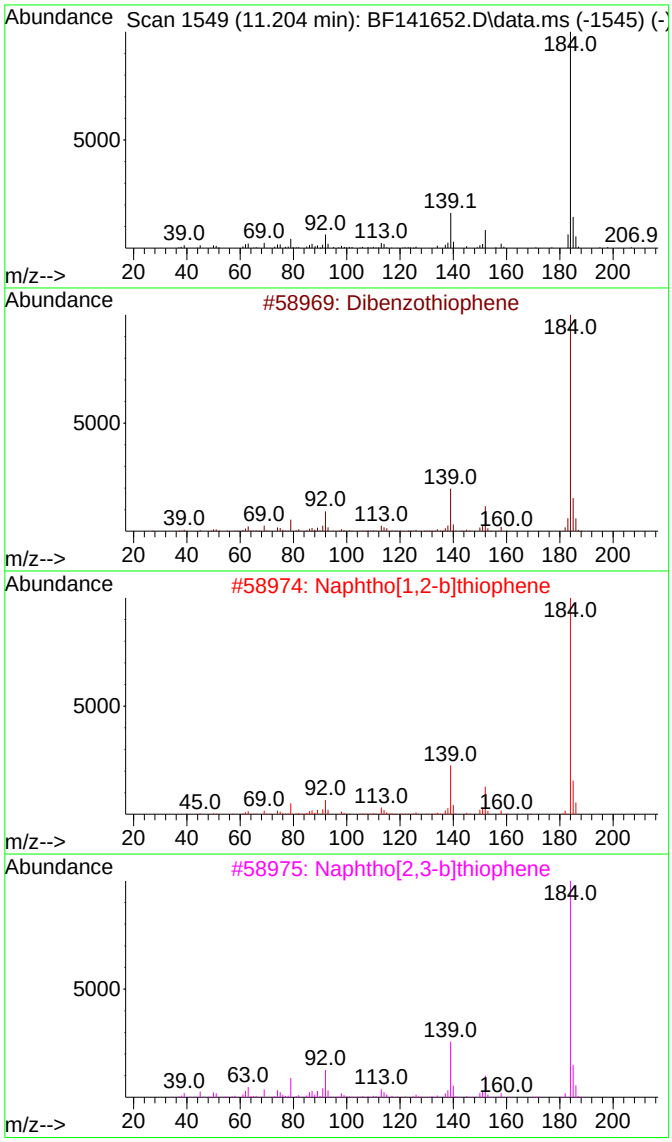
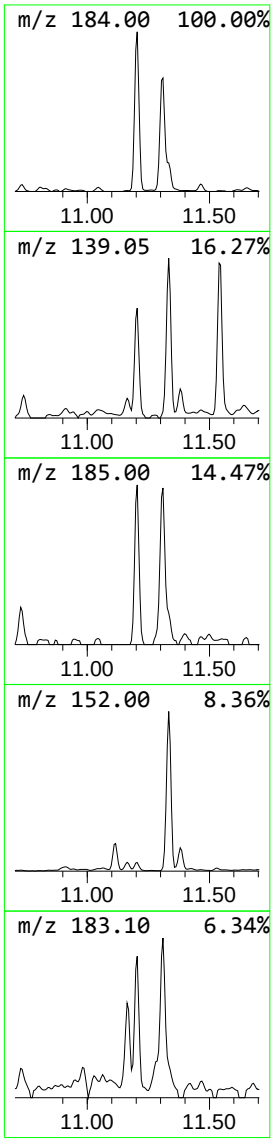
Peak Number 8 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	4.24 ng	159854	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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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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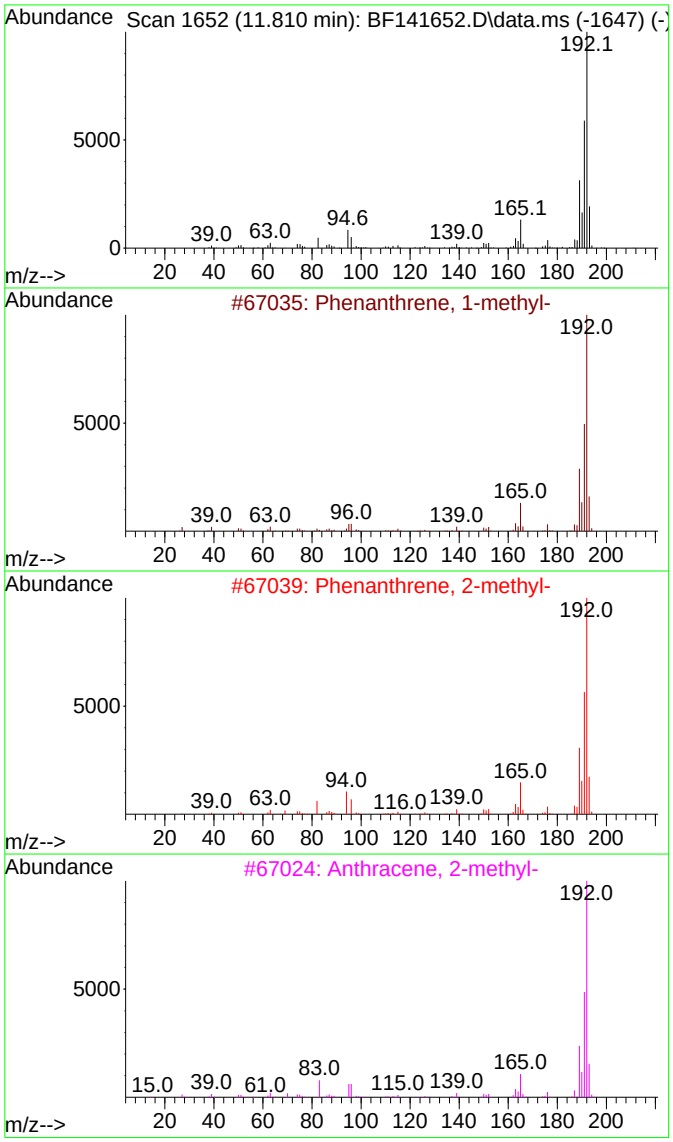
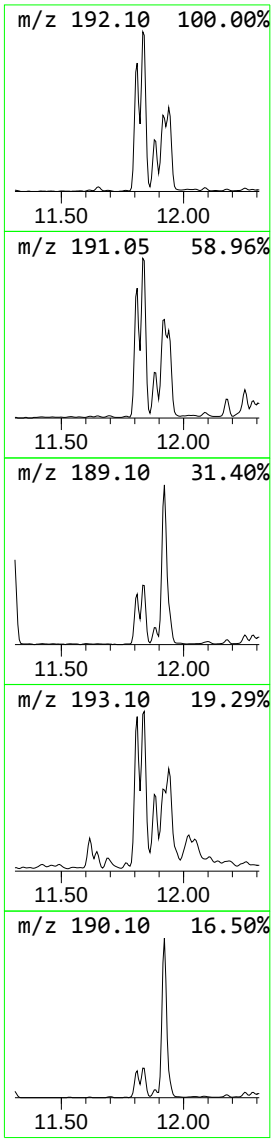
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	7.14 ng	269190	Phenanthrene-d10	11.310

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





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Misc :
ALS Vial : 15 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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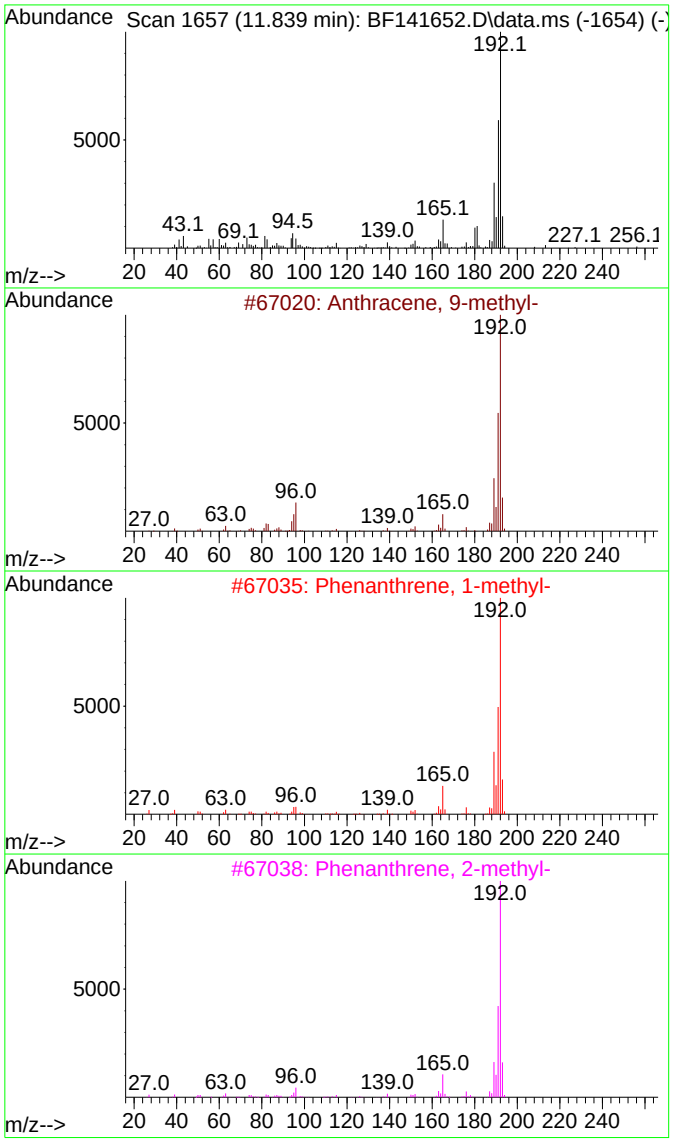
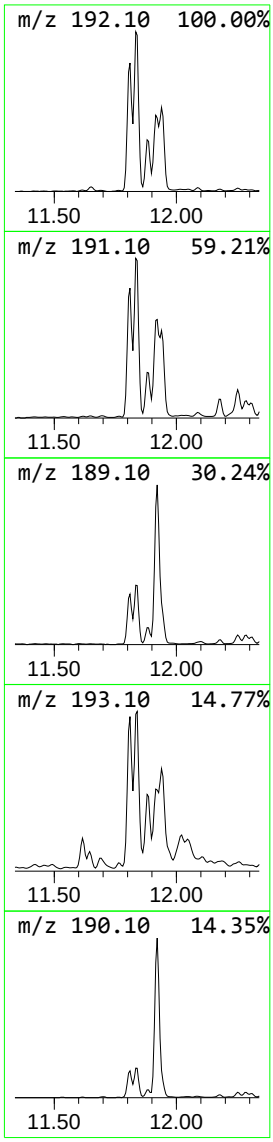
Peak Number 10 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	8.17 ng	308321	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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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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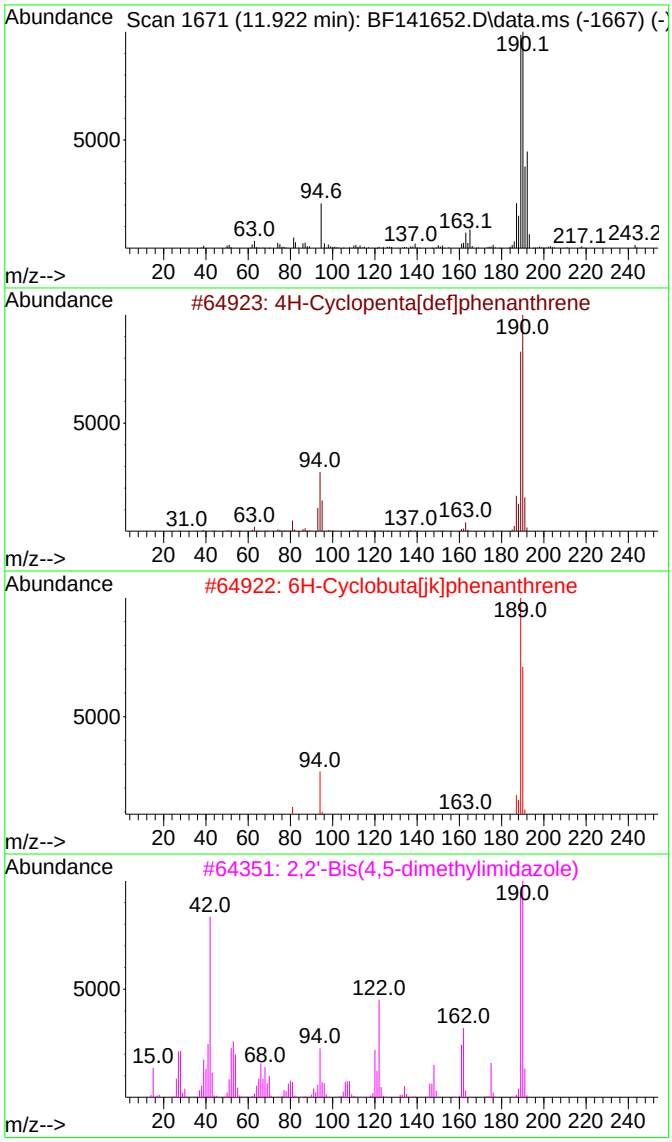
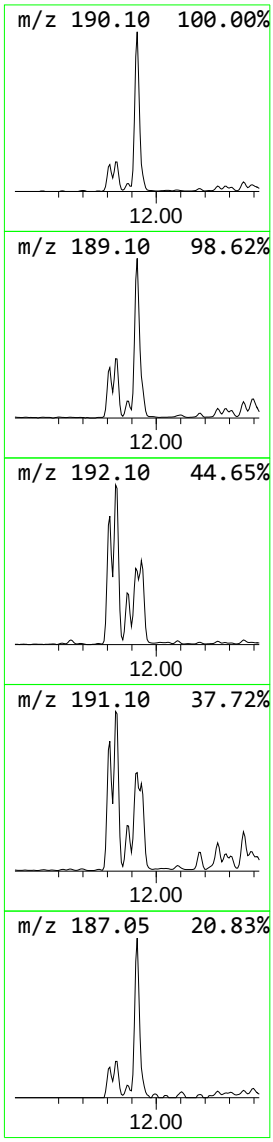
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	14.07 ng	530601	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38





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ALS Vial : 15 Sample Multiplier: 1

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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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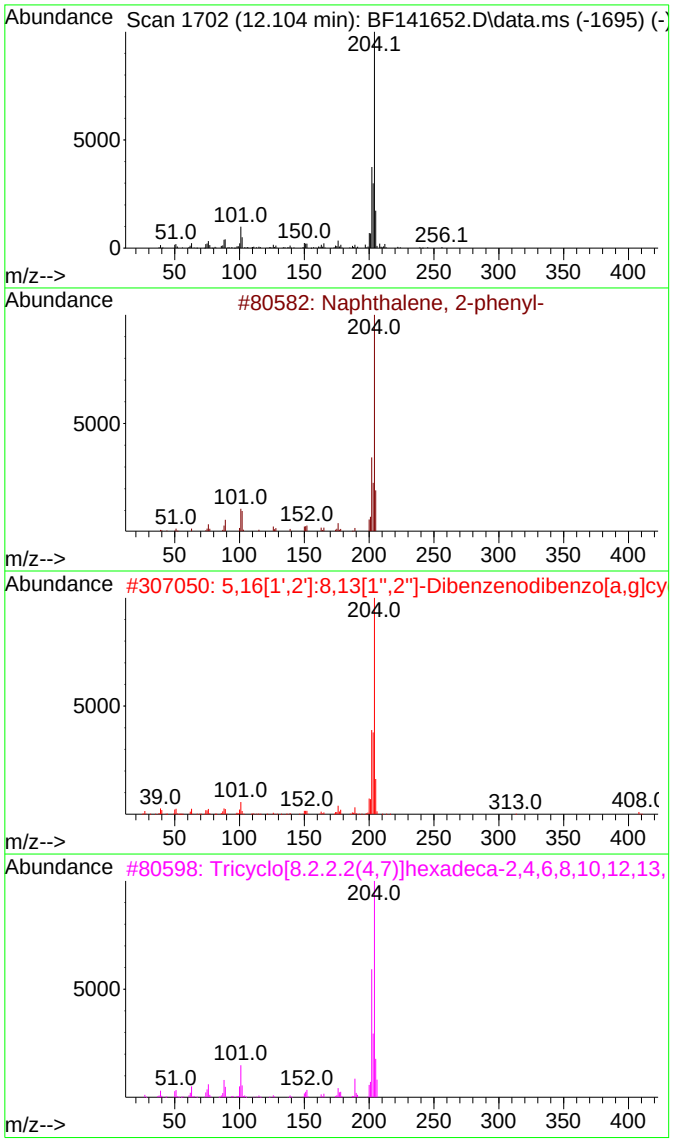
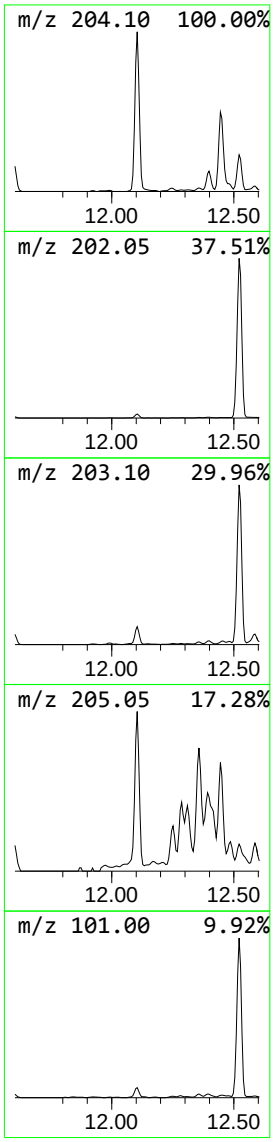
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	5.51 ng	207894	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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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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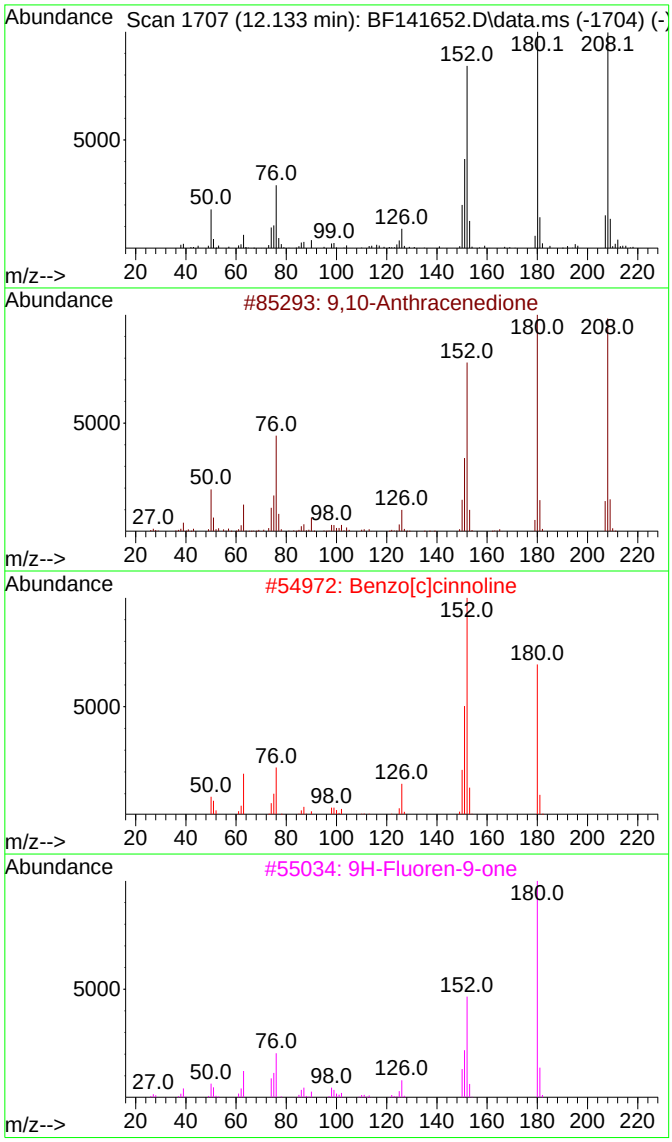
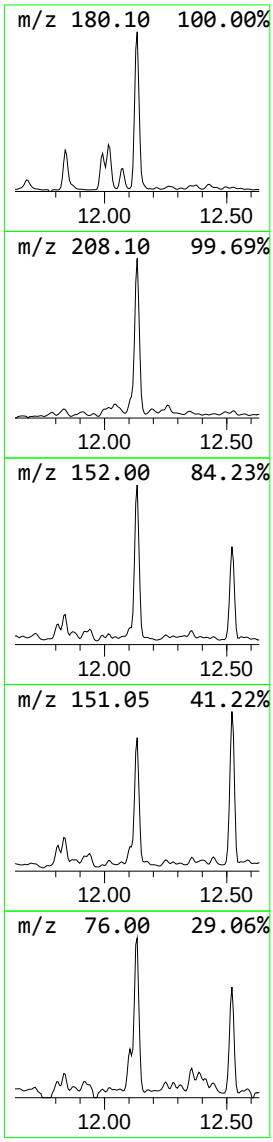
Peak Number 13 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	3.44 ng	129571	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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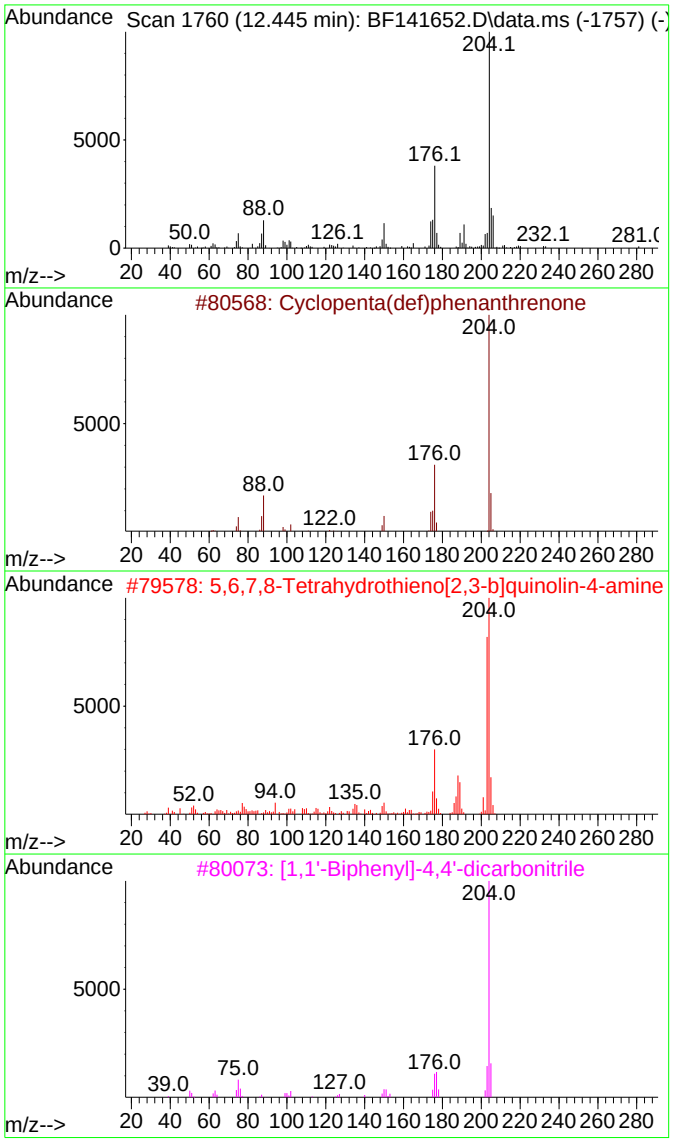
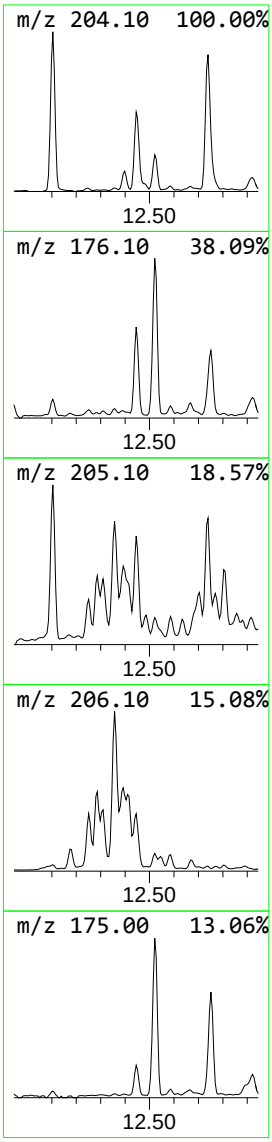
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	2.81 ng	106091	Phenanthrene-d10	11.310

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	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	3-(4-Fluorophenoxy)phenol	204	C12H9FO2	025967-60-6	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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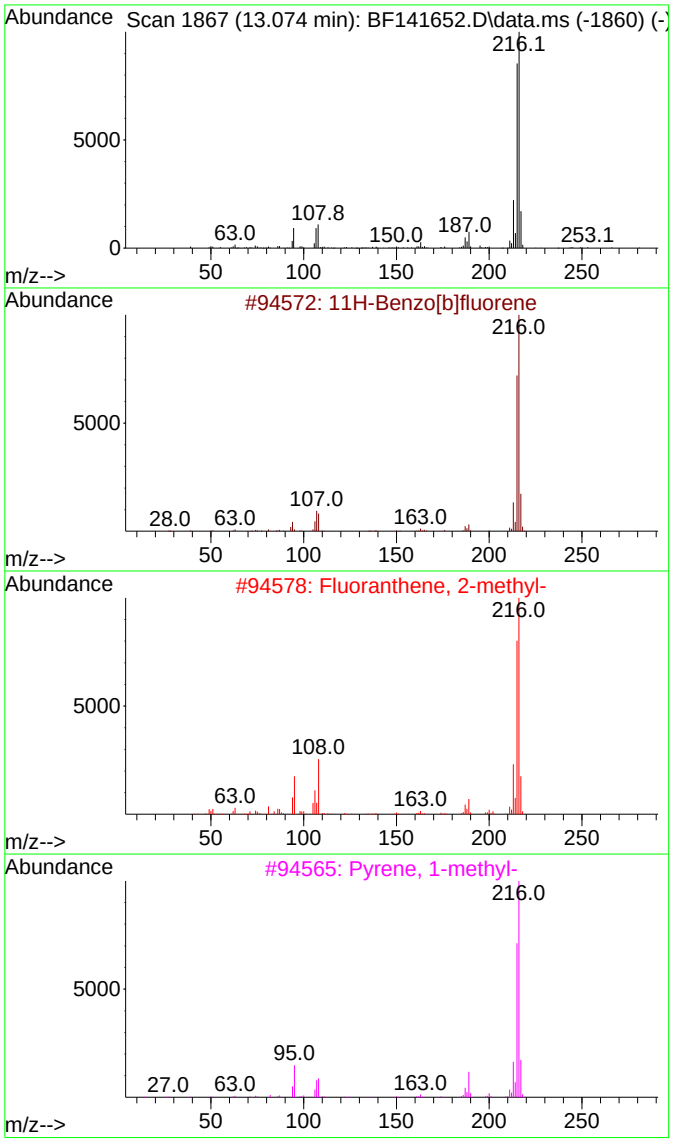
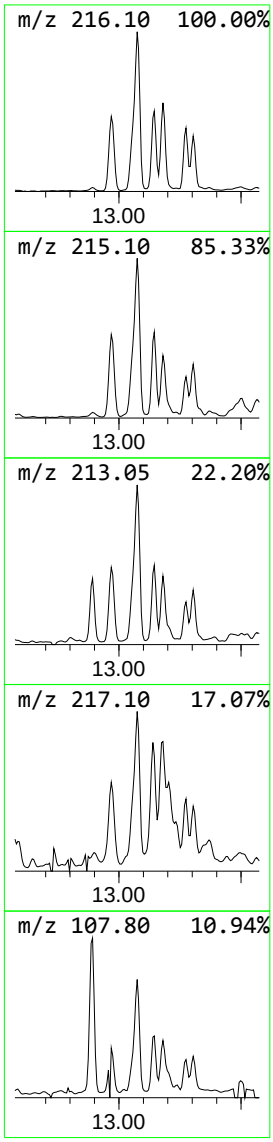
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	4.20 ng	337661	Chrysene-d12	13.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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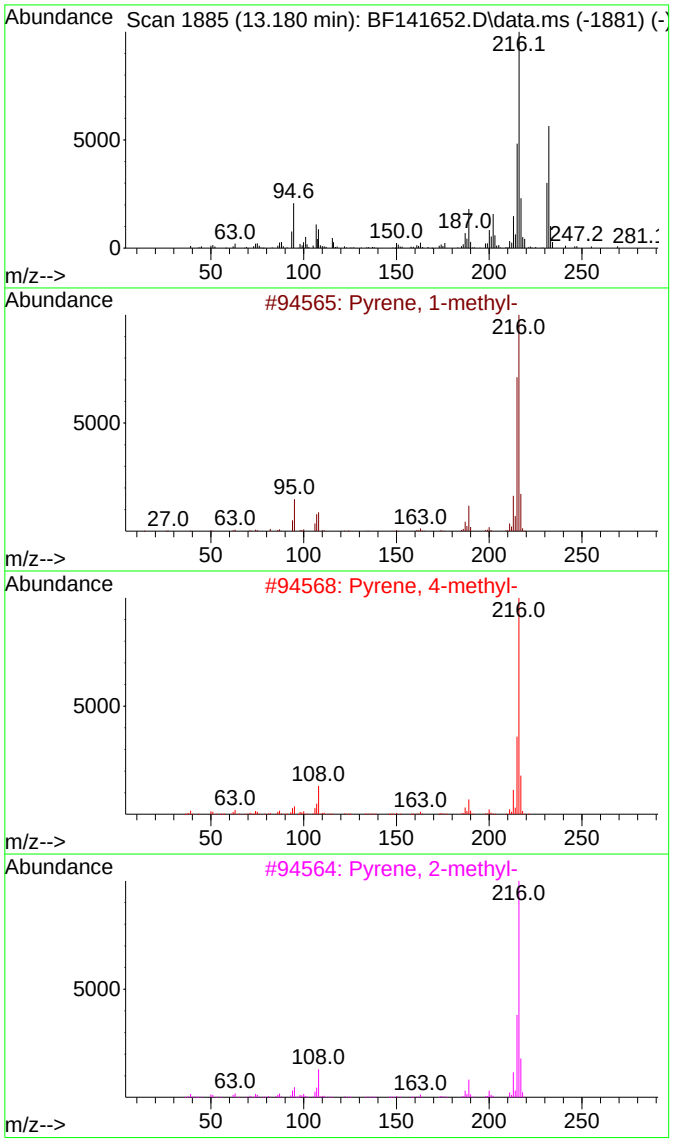
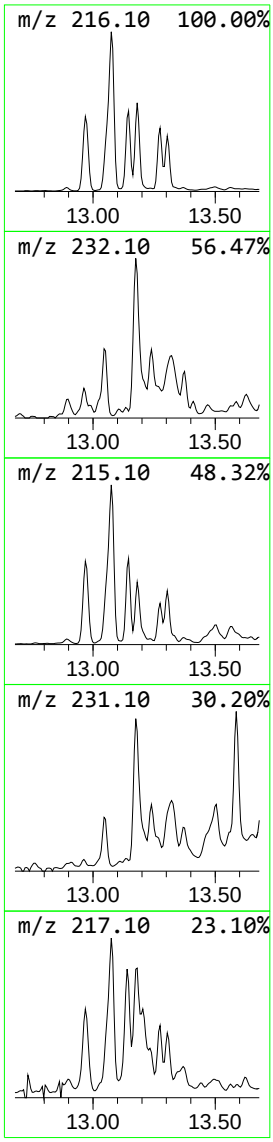
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	2.97 ng	238693	Chrysene-d12	13.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49
5	1-benzyl-3-methylnaphthalene	232	C18H16	1000379-93-5	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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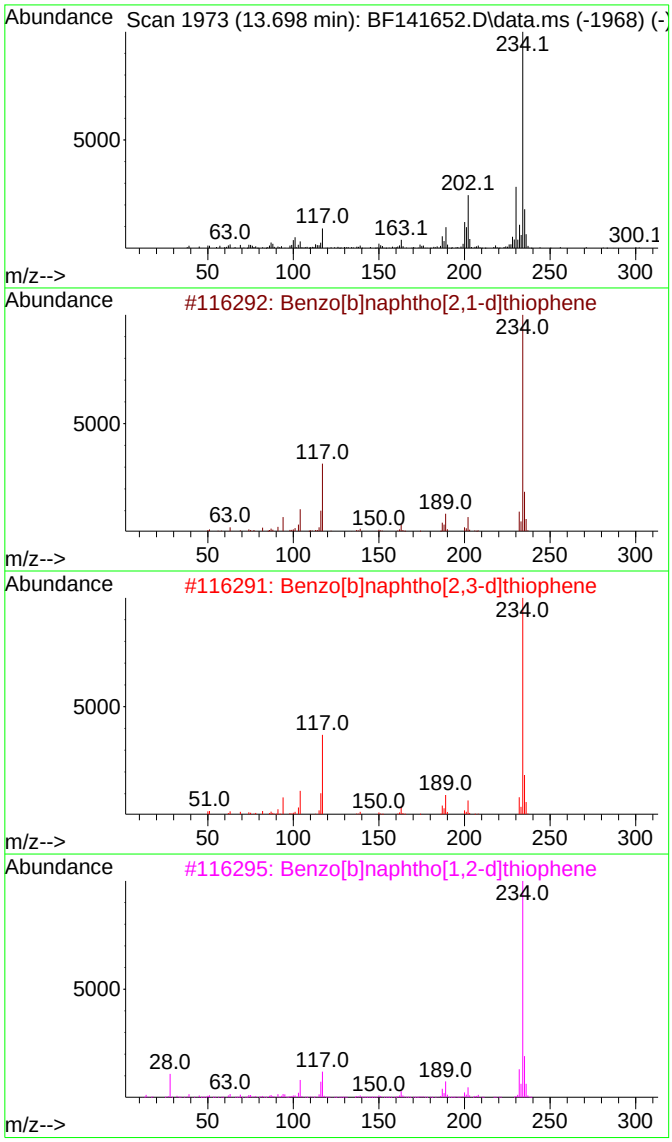
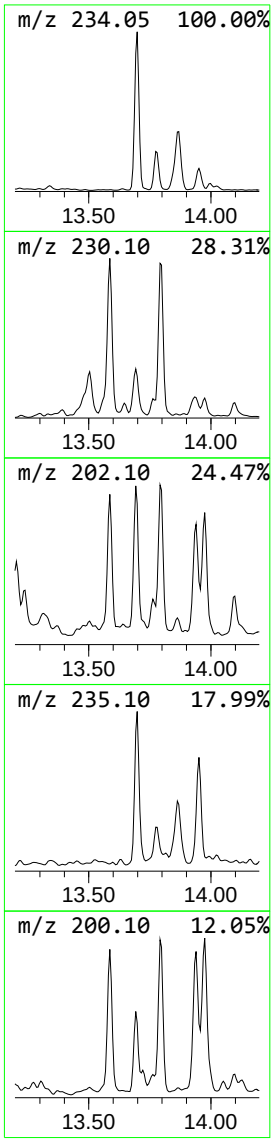
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.698	2.32 ng	186871	Chrysene-d12	13.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	60
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	49
5	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141652.D
Acq On : 14 Feb 2025 20:52
Operator : RC/JU
Sample : Q1365-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR22266

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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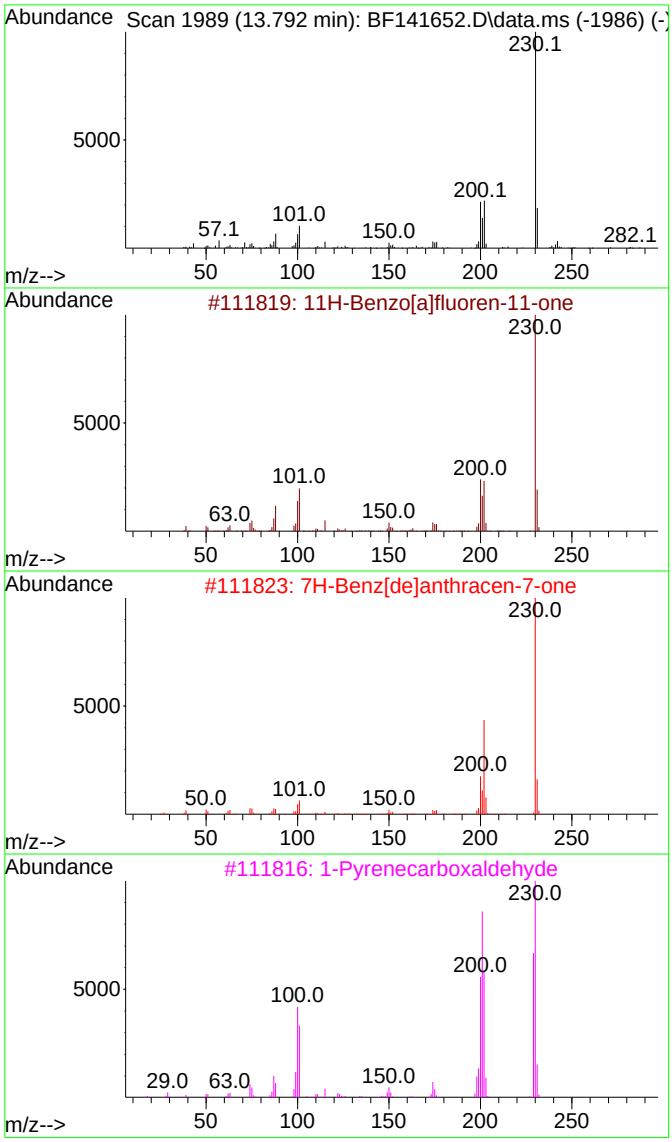
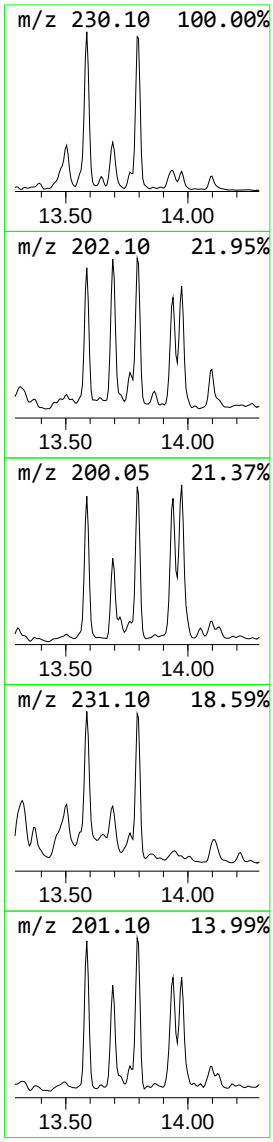
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	2.29 ng	184525	Chrysene-d12	13.951

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	91
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141652.D
Acq On : 14 Feb 2025 20:52
Operator : RC/JU
Sample : Q1365-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR22266

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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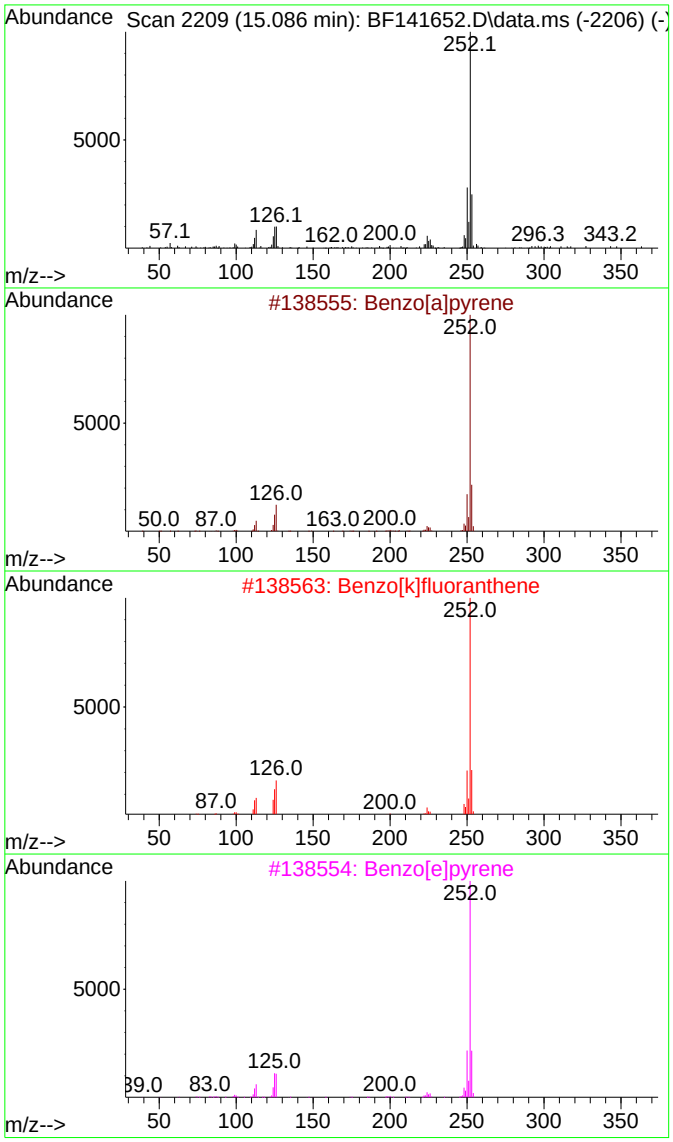
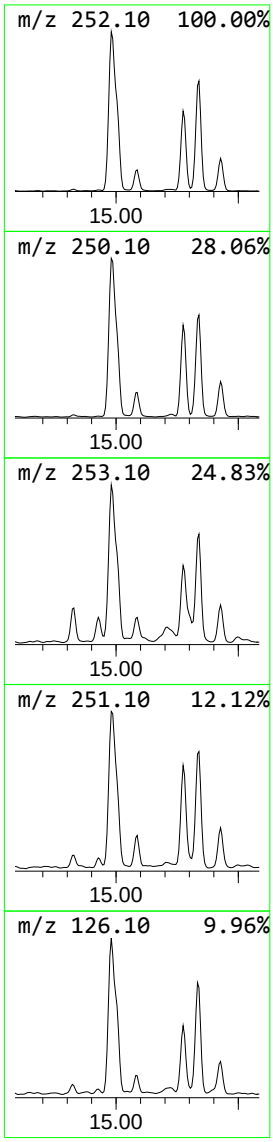
Peak Number 19 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.086	2.82 ng	69884	Perylene-d12	15.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141652.D
Acq On : 14 Feb 2025 20:52
Operator : RC/JU
Sample : Q1365-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR22266

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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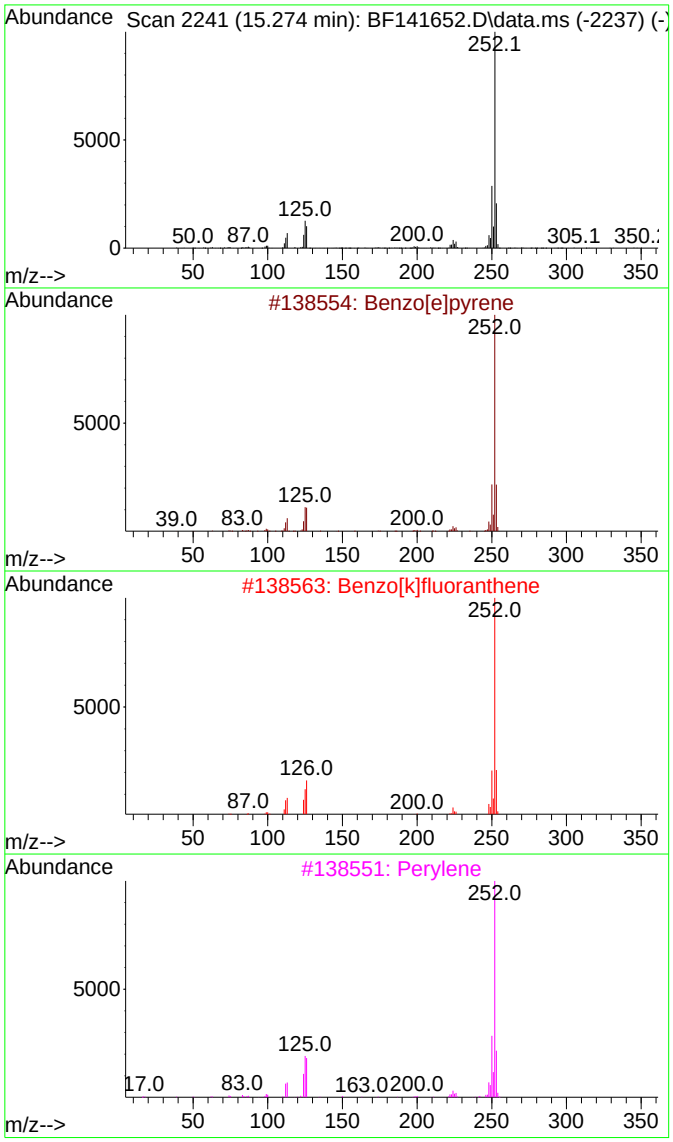
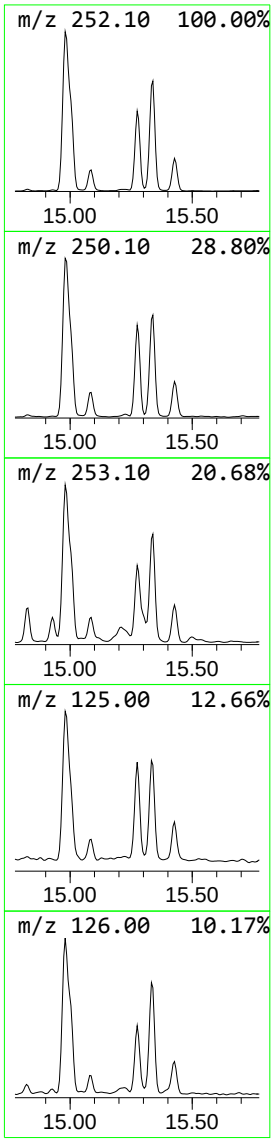
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.274	14.49 ng	359679	Perylene-d12	15.398

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	97
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141652.D
Acq On : 14 Feb 2025 20:52
Operator : RC/JU
Sample : Q1365-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR22266

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	10.533	13.3	ng	573443	3	9.822	865520	20.0
unknown10.727	10.727	2.2	ng	81521	4	11.310	754392	20.0
Methanone, (1-h...	10.839	2.9	ng	110032	4	11.310	754392	20.0
9H-Fluorene, 1-...	10.916	3.3	ng	122718	4	11.310	754392	20.0
3'-Methyl-[1,1'...	11.063	3.4	ng	127531	4	11.310	754392	20.0
9H-Fluoren-9-one	11.116	4.2	ng	159281	4	11.310	754392	20.0
Anthracene, 1,2...	11.163	4.4	ng	164801	4	11.310	754392	20.0
Dibenzothiophene	11.204	4.2	ng	159854	4	11.310	754392	20.0
Phenanthrene, 1...	11.810	7.1	ng	269190	4	11.310	754392	20.0
Anthracene, 9-m...	11.839	8.2	ng	308321	4	11.310	754392	20.0
4H-Cyclopenta[d...	11.922	14.1	ng	530601	4	11.310	754392	20.0
Naphthalene, 2-...	12.104	5.5	ng	207894	4	11.310	754392	20.0
9,10-Anthracene...	12.133	3.4	ng	129571	4	11.310	754392	20.0
Cyclopenta(def)...	12.445	2.8	ng	106091	4	11.310	754392	20.0
11H-Benzo[b]flu...	13.074	4.2	ng	337661	5	13.951	1608460	20.0
Pyrene, 1-methyl-	13.180	3.0	ng	238693	5	13.951	1608460	20.0
Benzo[b]naphtho...	13.698	2.3	ng	186871	5	13.951	1608460	20.0
11H-Benzo[a]flu...	13.792	2.3	ng	184525	5	13.951	1608460	20.0
Benzo[e]pyrene	15.086	2.8	ng	69884	6	15.398	496423	20.0
Perylene	15.274	14.5	ng	359679	6	15.398	496423	20.0