LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138788.D
Acq On : 05 Aug 2024 16:28
Operator : RC/JU
Sample : P3463-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-082024

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138788.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	6	13	rVB	231443	325545	37.44%	2.767%
2	5.057	499	504	518	rVB	26670	38242	4.40%	0.325%
3	5.469	569	574	596	rVB	346473	457159	52.57%	3.886%
4	6.481	741	746	762	rBV	365649	477596	54.92%	4.060%
5	6.839	802	807	814	rVB	264932	331879	38.17%	2.821%
6	7.251	866	877	884	rBV	10738	16114	1.85%	0.137%
7	7.404	898	903	912	rVB	246062	308952	35.53%	2.626%
8	8.122	1013	1025	1032	rBV	332568	455568	52.39%	3.873%
9	8.404	1069	1073	1077	rBV5	6479	10435	1.20%	0.089%
10	8.445	1077	1080	1086	rVV6	4355	9235	1.06%	0.079%
11	8.628	1106	1111	1114	rBV4	7728	12431	1.43%	0.106%
12	8.939	1159	1164	1169	rBV2	18537	32124	3.69%	0.273%
13	9.069	1182	1186	1191	rBV7	6337	13737	1.58%	0.117%
14	9.198	1203	1208	1212	rBV	409757	515997	59.34%	4.386%
15	9.269	1217	1220	1224	rBV4	11600	14480	1.67%	0.123%
16	9.463	1248	1253	1257	rBV2	13561	23159	2.66%	0.197%
17	9.533	1262	1265	1271	rBV	19256	31322	3.60%	0.266%
18	9.651	1283	1285	1295	rVB2	22360	37783	4.35%	0.321%
19	9.739	1295	1300	1303	rBV	25441	38533	4.43%	0.328%
20	9.875	1318	1323	1327	rBV	297375	386608	44.46%	3.286%
21	9.910	1327	1329	1333	rVV	36975	44069	5.07%	0.375%
22	9.975	1337	1340	1345	rVB3	17173	25888	2.98%	0.220%
23	10.080	1355	1358	1361	rVB2	19945	23807	2.74%	0.202%
24	10.122	1361	1365	1369	rVB2	20112	26630	3.06%	0.226%
25	10.192	1373	1377	1380	rBV	24904	38169	4.39%	0.324%
26	10.280	1389	1392	1393	rBV2	14608	16363	1.88%	0.139%
27	10.422	1412	1416	1423	rBV3	30536	47747	5.49%	0.406%
28	10.580	1440	1443	1447	rVB	17939	23862	2.74%	0.203%
29	10.669	1453	1458	1463	rBV	160795	216031	24.84%	1.836%
30	10.780	1473	1477	1484	rVB3	42516	81805	9.41%	0.695%
31	10.969	1506	1509	1512	rBV2	19265	27733	3.19%	0.236%
32	11.169	1540	1543	1547	rBV	14210	20935	2.41%	0.178%
33	11.216	1548	1551	1554	rVV2	24478	37263	4.29%	0.317%
34	11.251	1554	1557	1563	rVB2	39866	67316	7.74%	0.572%
35	11.363	1571	1576	1578	rBV	243345	318192	36.59%	2.705%
36	11.386	1578	1580	1585	rVB	234377	274920	31.62%	2.337%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138788.D
Acq On : 05 Aug 2024 16:28
Operator : RC/JU
Sample : P3463-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-082024

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.439	1585	1589	1592	rBV	69283	79176	9.11%	0.673%
38	11.598	1610	1616	1621	rBV4	23342	50541	5.81%	0.430%
39	11.651	1622	1625	1629	rVV2	25899	41264	4.75%	0.351%
40	11.698	1629	1633	1638	rVB3	23392	40067	4.61%	0.341%
41	11.863	1657	1661	1664	rBV	69286	104732	12.04%	0.890%
42	11.892	1664	1666	1670	rVV	100773	111747	12.85%	0.950%
43	11.939	1671	1674	1677	rVV	27143	38093	4.38%	0.324%
44	11.974	1677	1680	1689	rVB	121895	229466	26.39%	1.951%
45	12.051	1690	1693	1697	rBV3	19142	25826	2.97%	0.220%
46	12.157	1708	1711	1714	rBV	42425	54477	6.26%	0.463%
47	12.192	1714	1717	1722	rVB	39781	49528	5.70%	0.421%
48	12.310	1732	1737	1739	rBV2	17736	28868	3.32%	0.245%
49	12.339	1739	1742	1745	rVV2	24591	27545	3.17%	0.234%
50	12.416	1750	1755	1757	rBV	57794	79731	9.17%	0.678%
51	12.445	1757	1760	1767	rVB3	43580	72070	8.29%	0.613%
52	12.504	1767	1770	1778	rVB2	41155	64099	7.37%	0.545%
53	12.580	1778	1783	1788	rBV	613380	778185	89.49%	6.615%
54	12.727	1805	1808	1812	rVB2	20758	25337	2.91%	0.215%
55	12.810	1815	1822	1827	rBV	584317	869550	100.00%	7.392%
56	12.857	1827	1830	1835	rVB2	35492	47272	5.44%	0.402%
57	12.945	1838	1845	1853	rVB	291431	445145	51.19%	3.784%
58	13.021	1853	1858	1865	rBV3	57193	118104	13.58%	1.004%
59	13.133	1870	1877	1881	rVB2	98940	171333	19.70%	1.456%
60	13.168	1881	1883	1885	rBV	13881	15963	1.84%	0.136%
61	13.204	1885	1889	1891	rVV	51670	66990	7.70%	0.569%
62	13.239	1891	1895	1902	rVB3	74286	116809	13.43%	0.993%
63	13.333	1907	1911	1913	rVV2	44531	58860	6.77%	0.500%
64	13.363	1913	1916	1924	rVB4	46881	79639	9.16%	0.677%
65	13.515	1938	1942	1944	rBV3	20865	32711	3.76%	0.278%
66	13.645	1957	1964	1968	rBV2	49488	83426	9.59%	0.709%
67	13.757	1978	1983	1985	rBV2	59109	92895	10.68%	0.790%
68	13.810	1990	1992	1996	rVV2	32723	56072	6.45%	0.477%
69	13.857	1997	2000	2003	rVB	39945	51558	5.93%	0.438%
70	14.004	2018	2025	2028	rBV2	364067	671502	77.22%	5.708%
71	14.033	2028	2030	2037	rVB	243310	275916	31.73%	2.345%
72	14.110	2041	2043	2047	rVB	30340	33156	3.81%	0.282%
73	14.157	2048	2051	2060	rVB7	30121	53755	6.18%	0.457%
74	14.392	2082	2091	2095	rBV3	188038	341494	39.27%	2.903%
75	14.462	2100	2103	2106	rBV3	39677	48654	5.60%	0.414%
76	15.051	2197	2203	2217	rVB	172707	433337	49.83%	3.684%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138788.D
Acq On : 05 Aug 2024 16:28
Operator : RC/JU
Sample : P3463-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-082024

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.157	2218	2221	2225	rVB	21397	25652	2.95%	0.218%
78	15.351	2249	2254	2259	rVB	99529	149354	17.18%	1.270%
79	15.409	2259	2264	2269	rBV	138850	203646	23.42%	1.731%
80	15.474	2270	2275	2279	rBV	112340	184274	21.19%	1.566%
81	15.909	2345	2349	2354	rVB2	29269	44789	5.15%	0.381%
82	16.945	2518	2525	2531	rBV2	60795	127250	14.63%	1.082%
83	17.392	2594	2601	2618	rVB	47323	136210	15.66%	1.158%

Sum of corrected areas: 11763697

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
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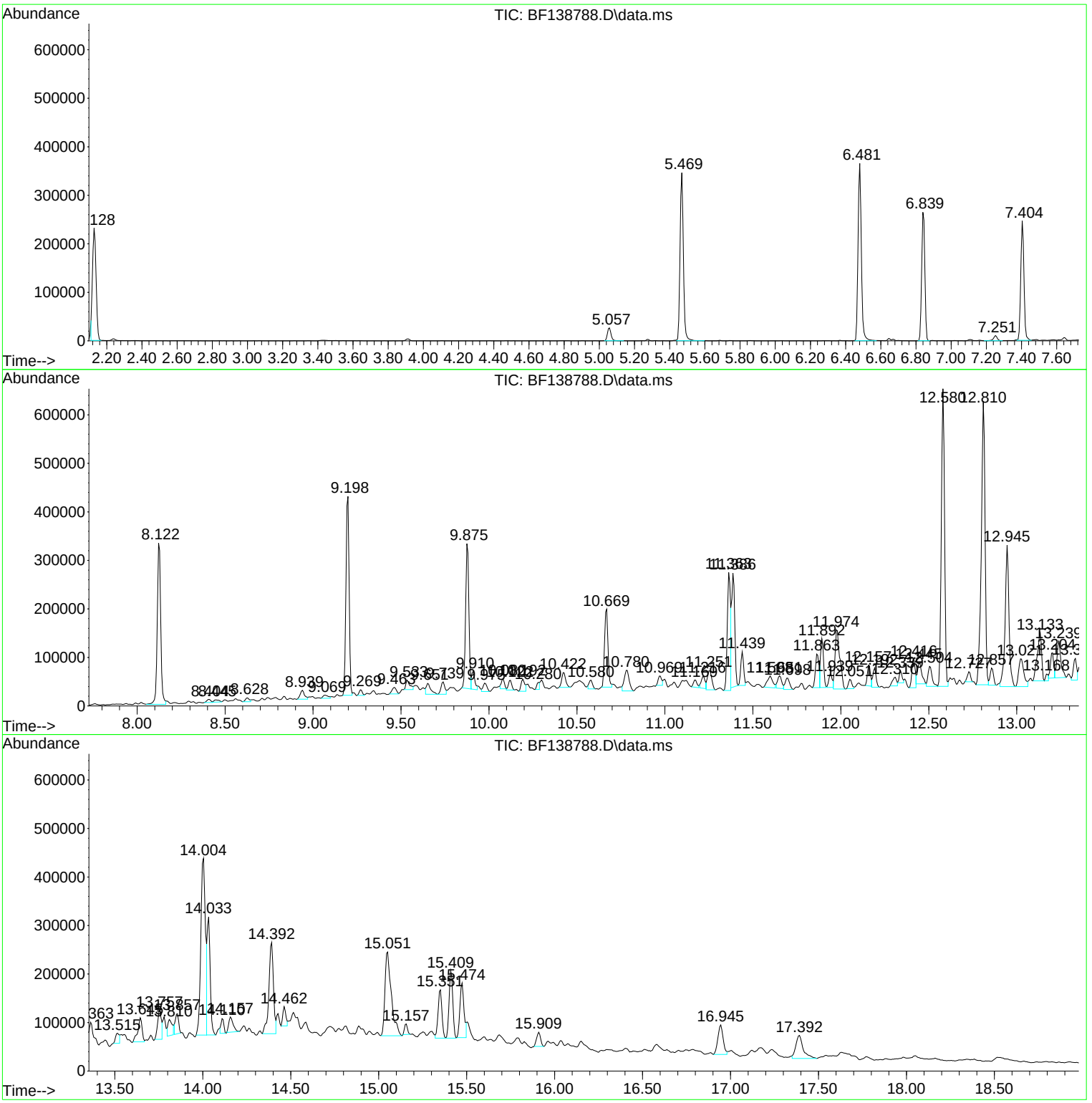
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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\BF080524\
Data File : BF138788.D
Acq On : 05 Aug 2024 16:28
Operator : RC/JU
Sample : P3463-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

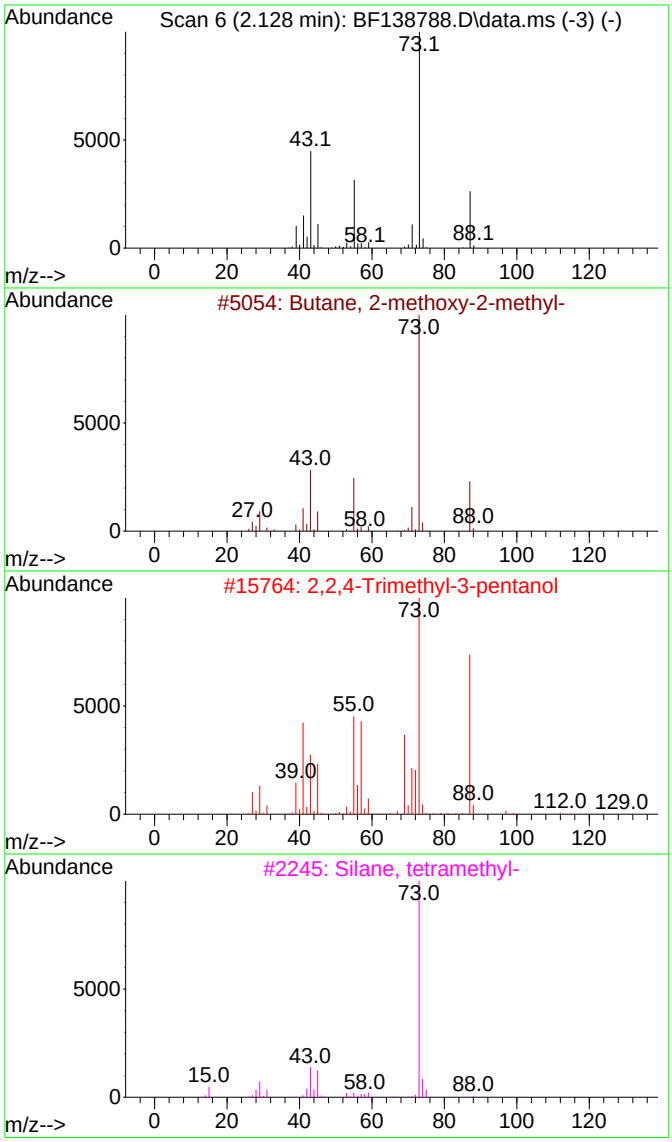
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

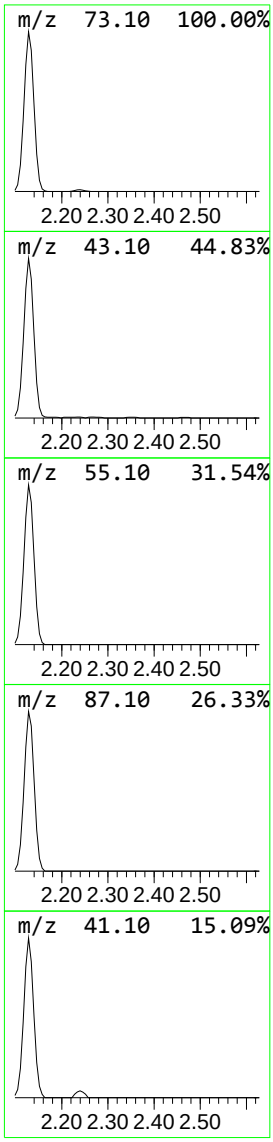
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	19.62 ng	325545	1,4-Dichlorobenzene-d4	6.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138788.D
Acq On : 05 Aug 2024 16:28
Operator : RC/JU
Sample : P3463-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

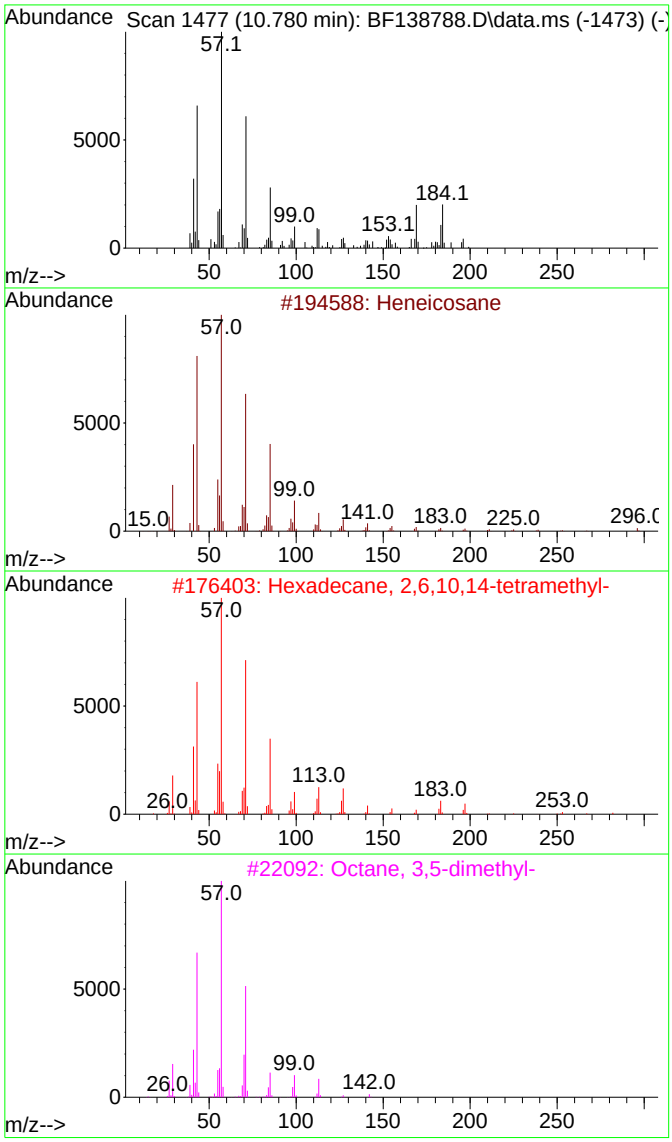
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

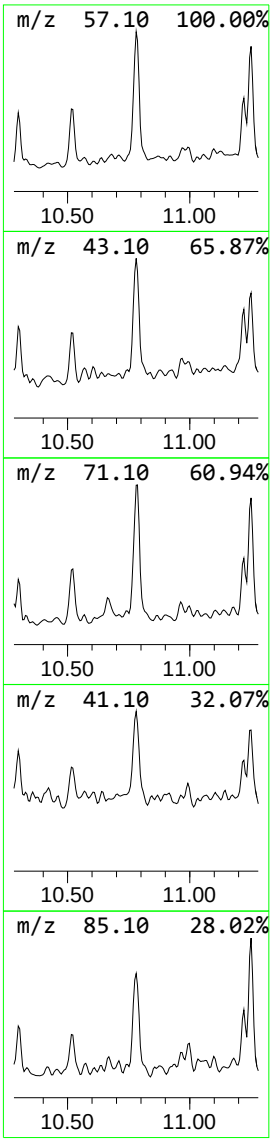
****

Peak Number 2 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.780	5.14 ng	81805	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	53
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50
4	Heptadecane	240	C17H36	000629-78-7	49
5	Octacosane	394	C28H58	000630-02-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138788.D
Acq On : 05 Aug 2024 16:28
Operator : RC/JU
Sample : P3463-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

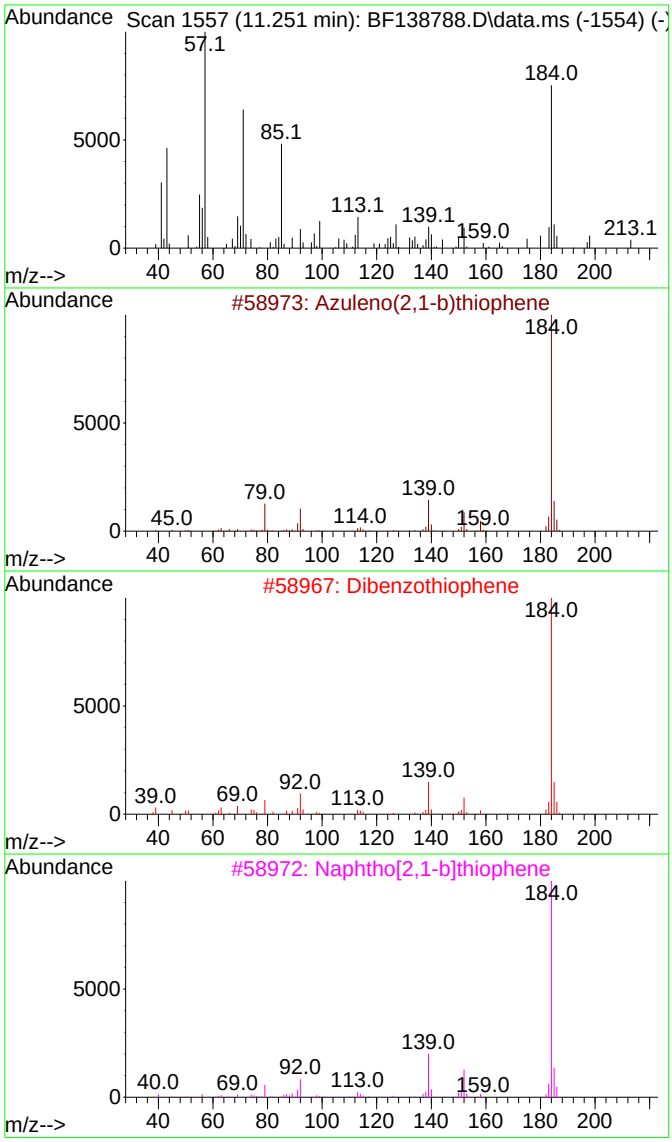
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

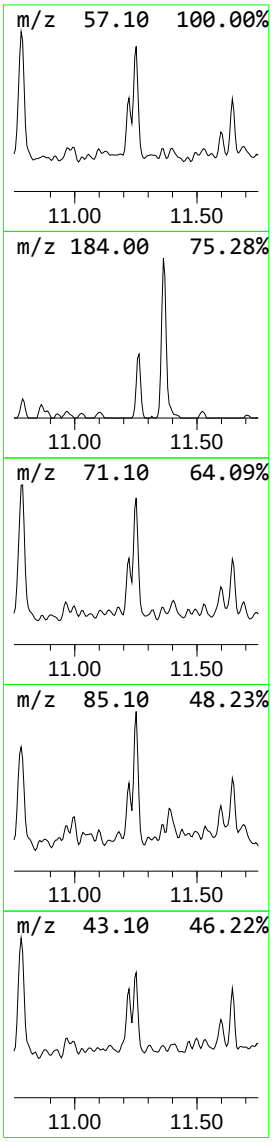
****

Peak Number 3 unknown11.251 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	4.23 ng	67316	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	46
2	Dibenzothiophene	184	C12H8S	000132-65-0	46
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	43
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	41
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138788.D
Acq On : 05 Aug 2024 16:28
Operator : RC/JU
Sample : P3463-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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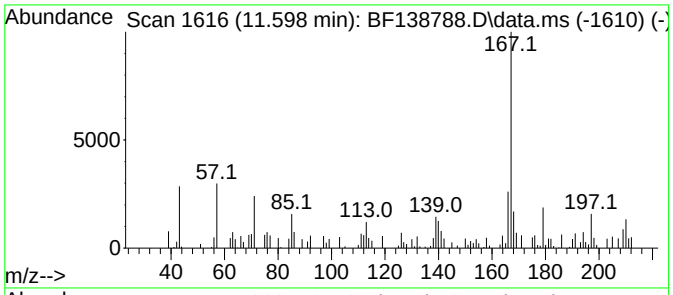
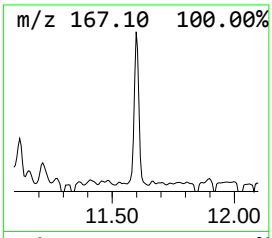
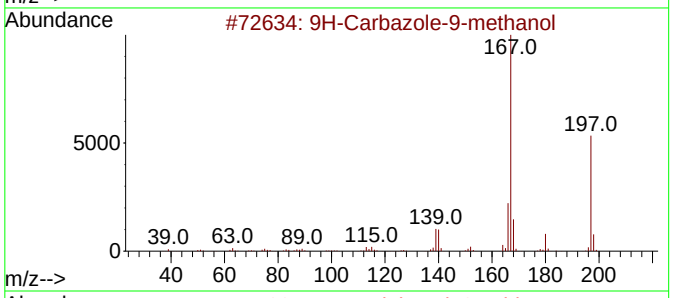
Peak Number 4 9H-Carbazole-9-methanol Concentration Rank 17

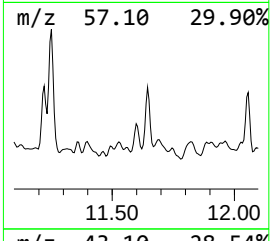
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.598	3.18 ng	50541	Phenanthrene-d10	11.363

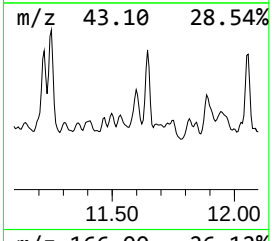
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	68
2	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	64
3	Carbazole	167	C12H9N	000086-74-8	58
4	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	58
5	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	52

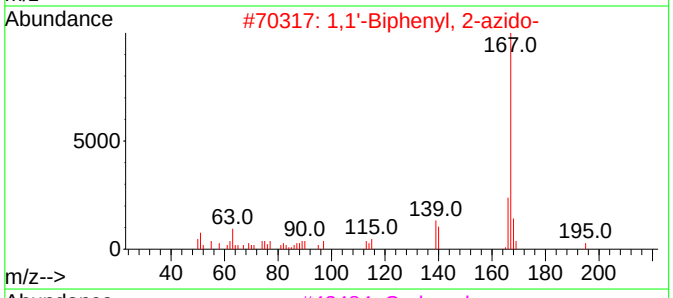


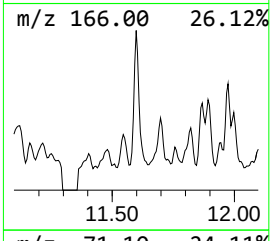


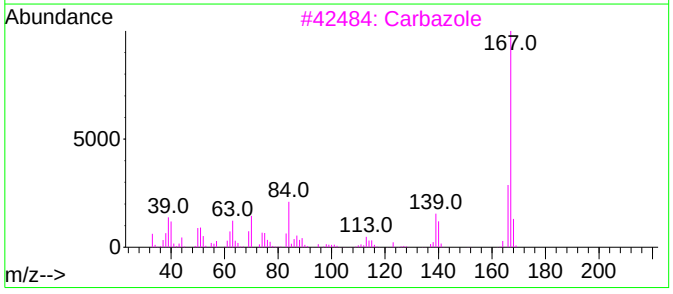


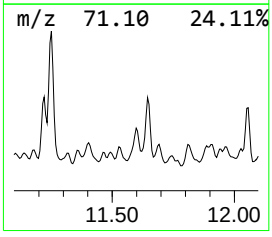












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138788.D
Acq On : 05 Aug 2024 16:28
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Sample : P3463-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

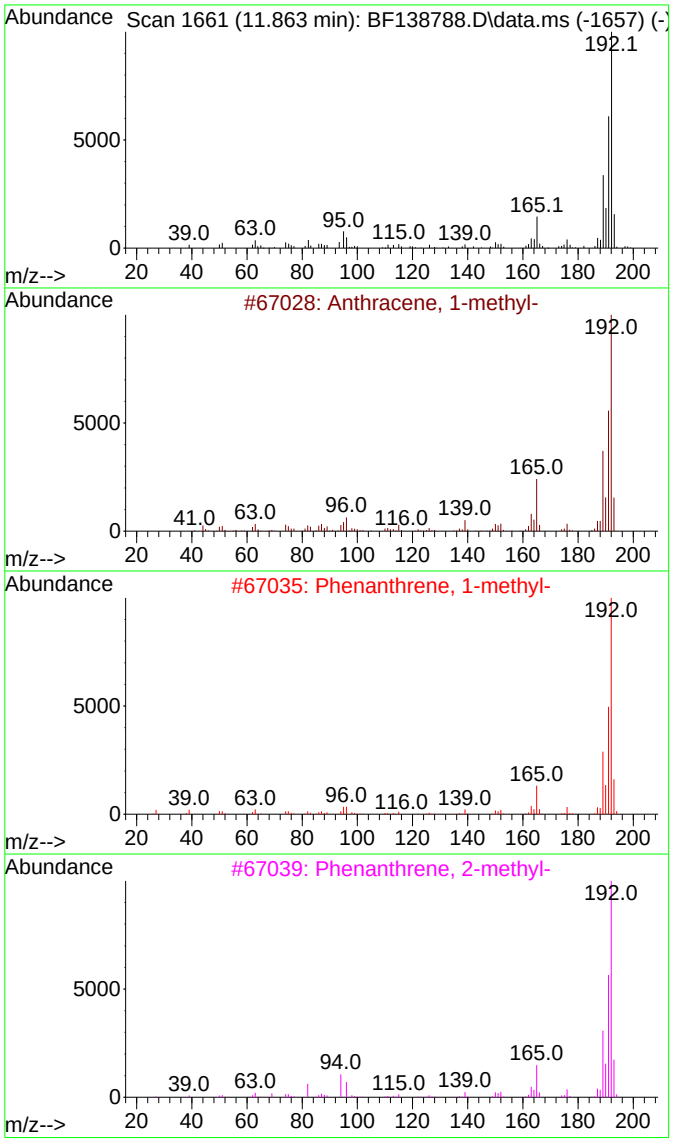
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

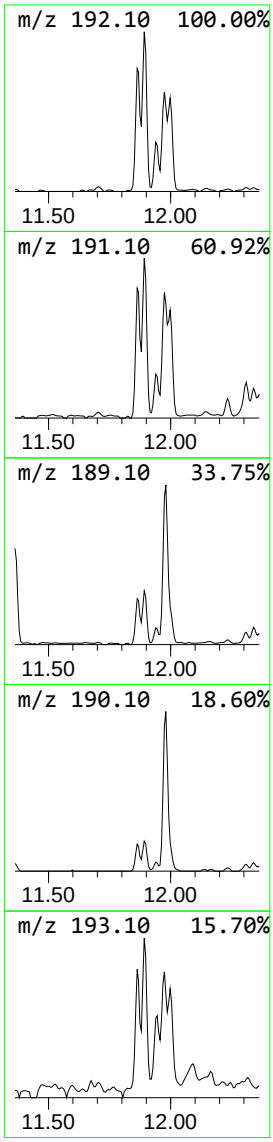
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	6.58 ng	104732	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Sample : P3463-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
TR-04-082024

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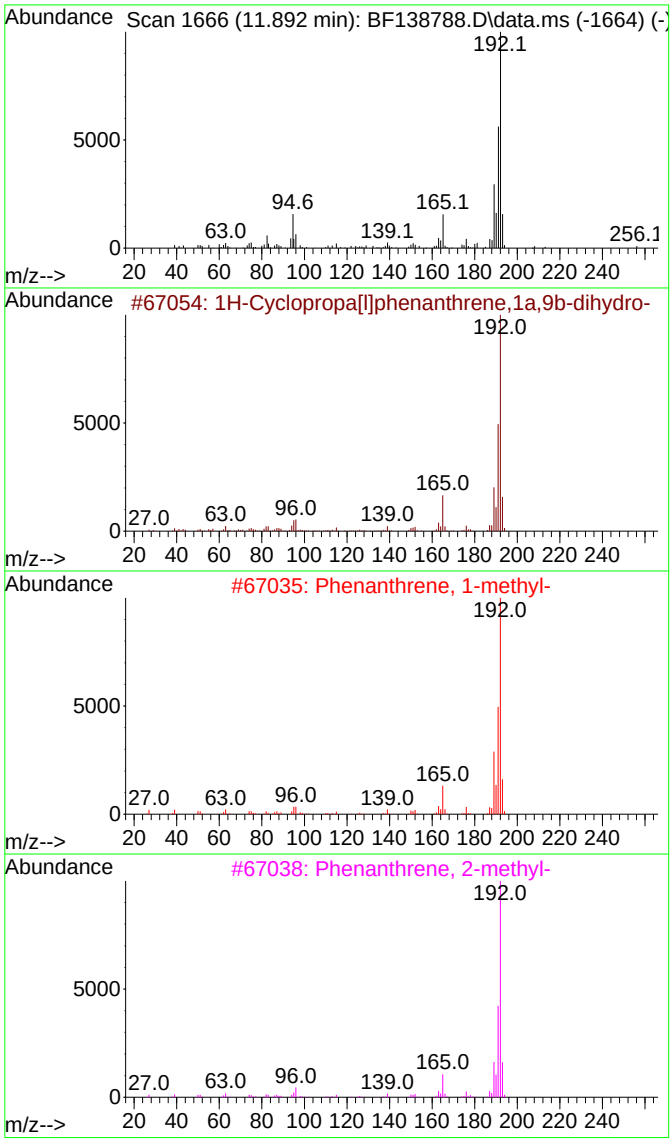
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

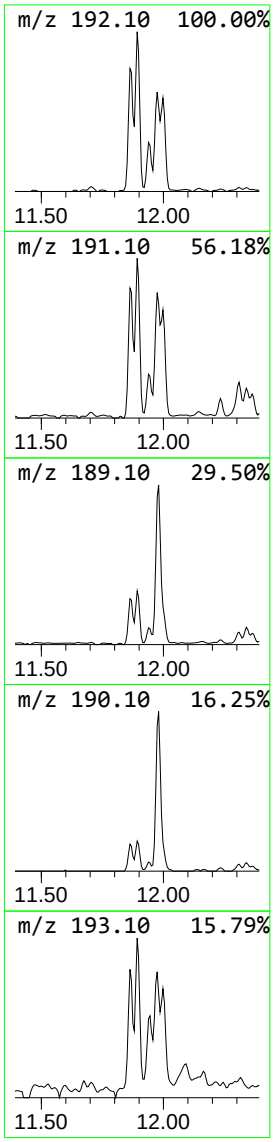
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	7.02 ng	111747	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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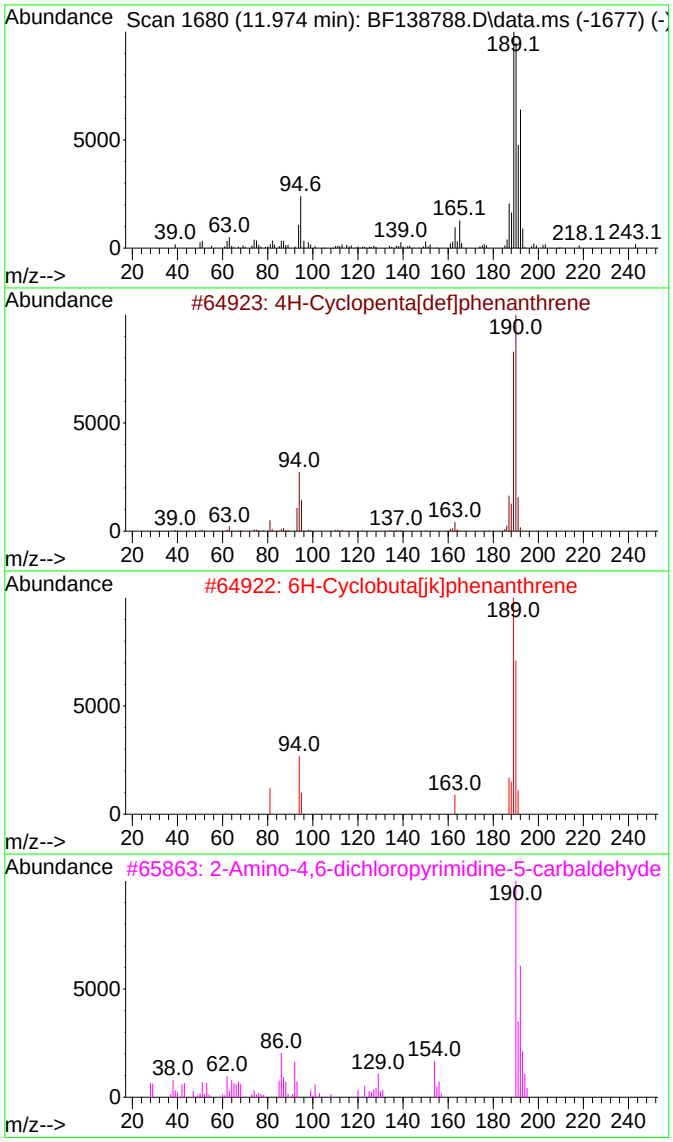
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

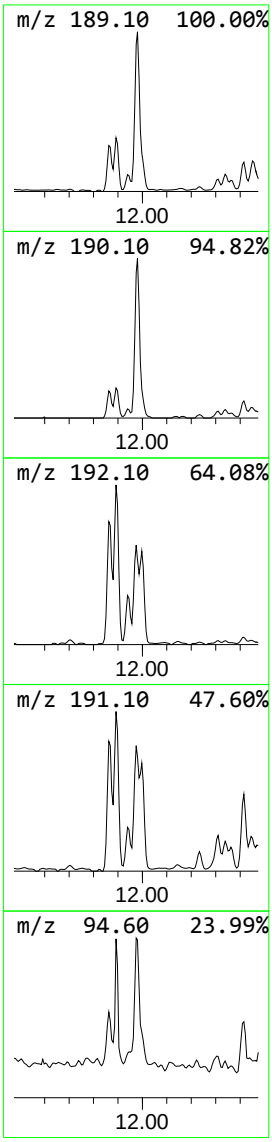
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	14.42 ng	229466	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
4	5-Amino-3-bromo-2-fluoropyridine	190	C5H4BrFN2	209328-99-4	35
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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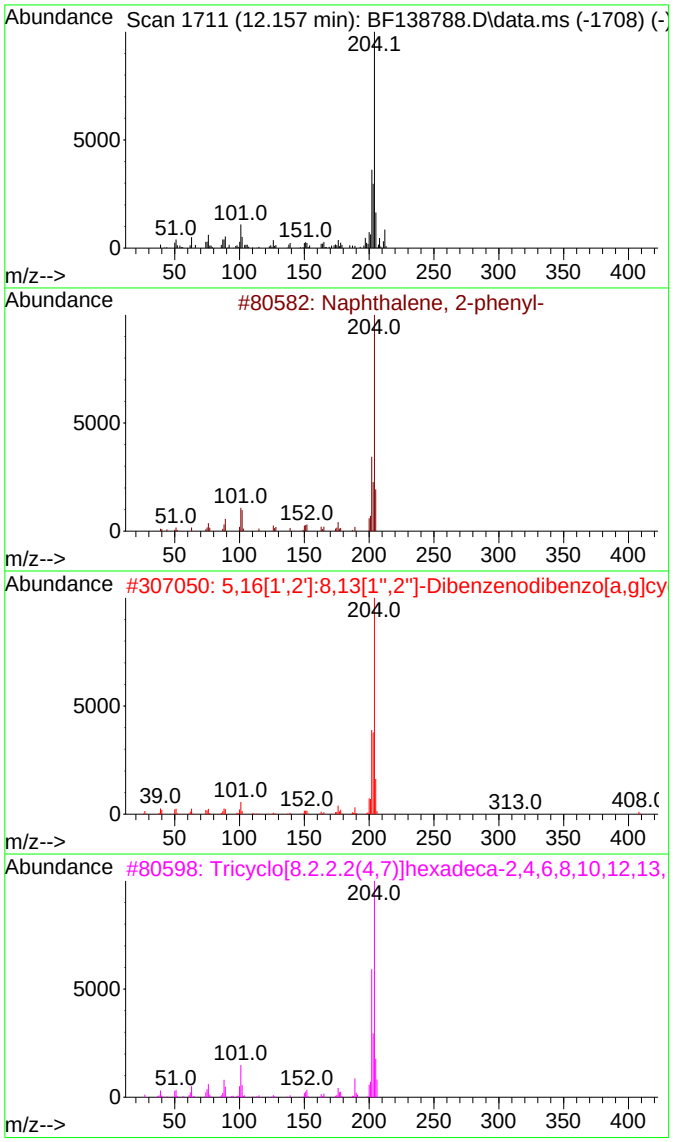
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

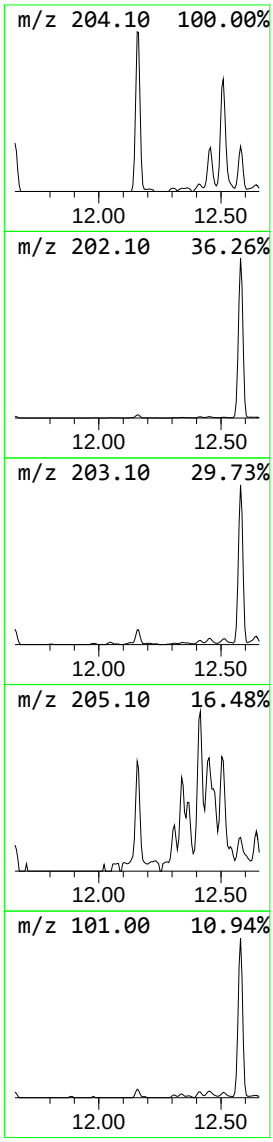
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.157	3.42 ng	54477	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
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	81
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	64
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53





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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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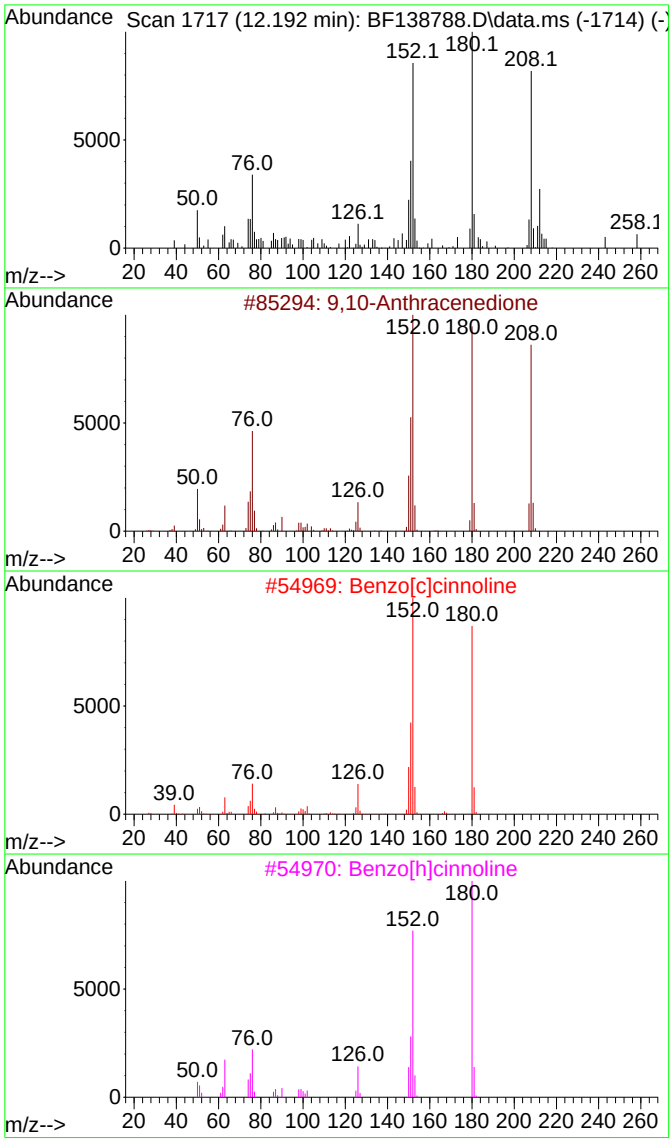
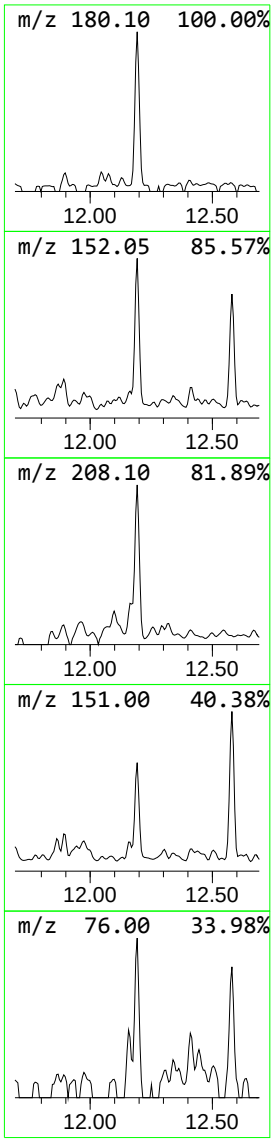
Peak Number 9 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	3.11 ng	49528	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60





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

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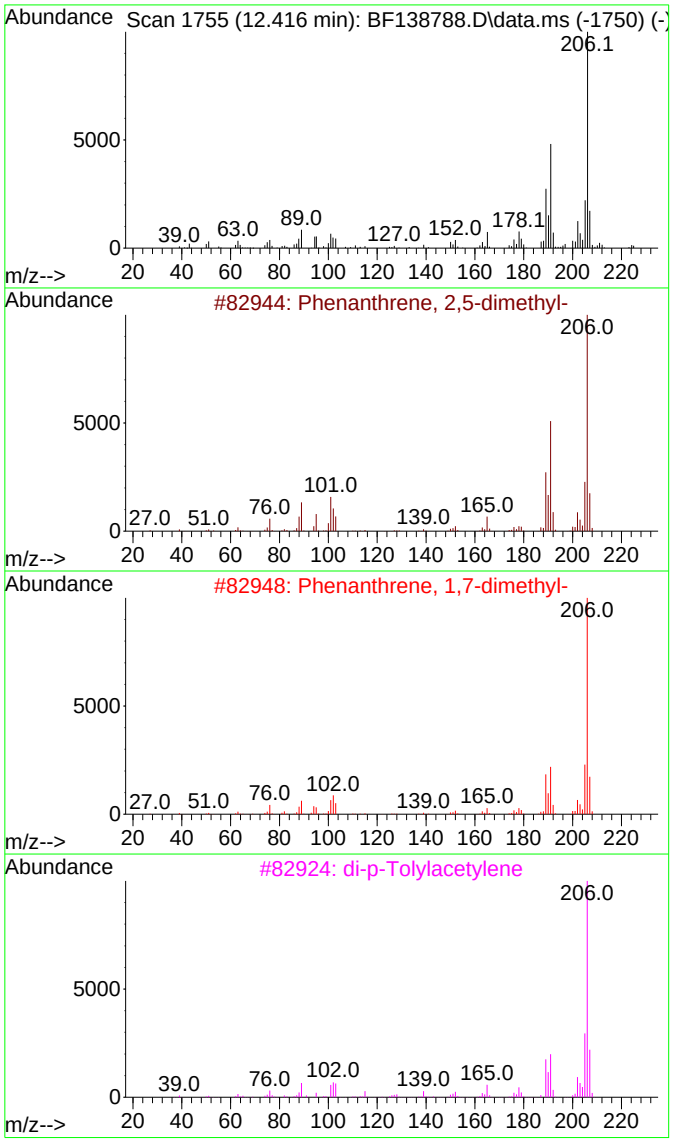
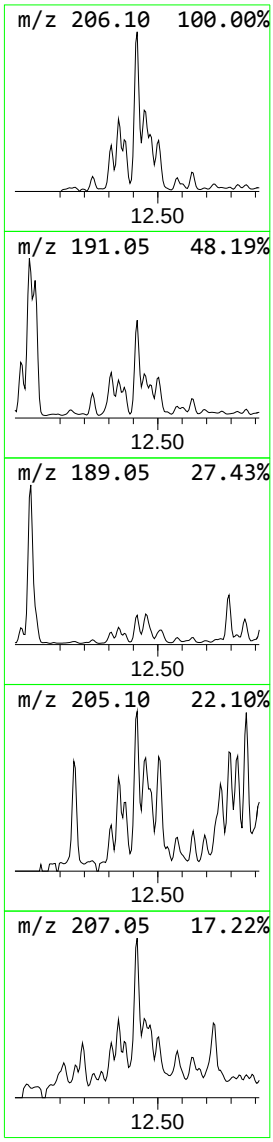
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	5.01 ng	79731	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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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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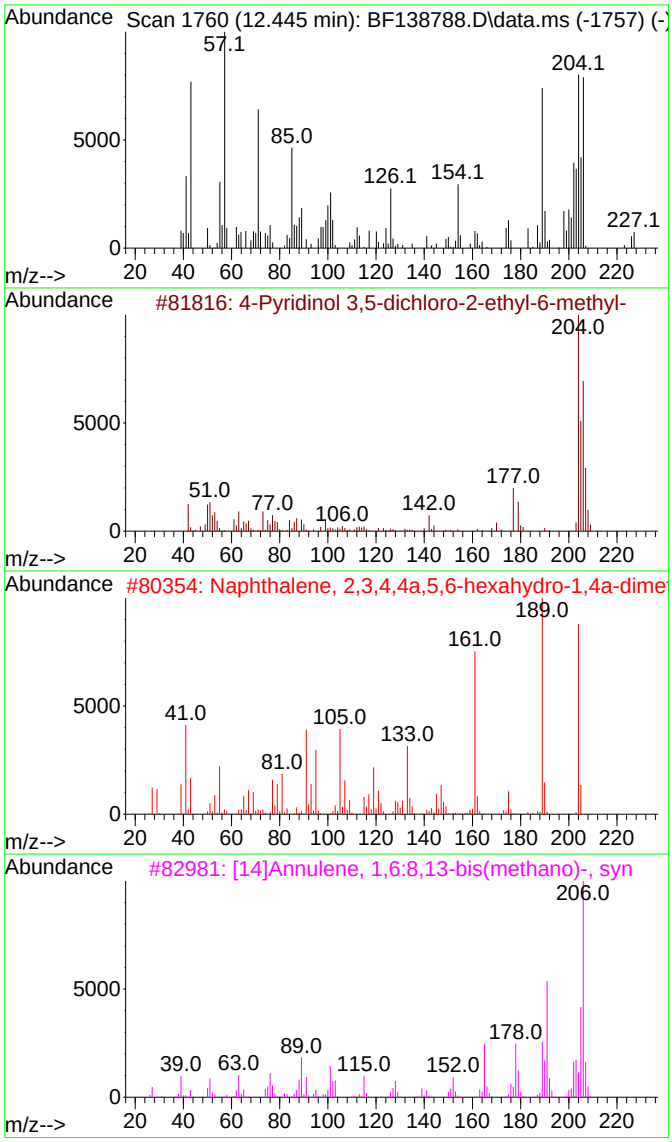
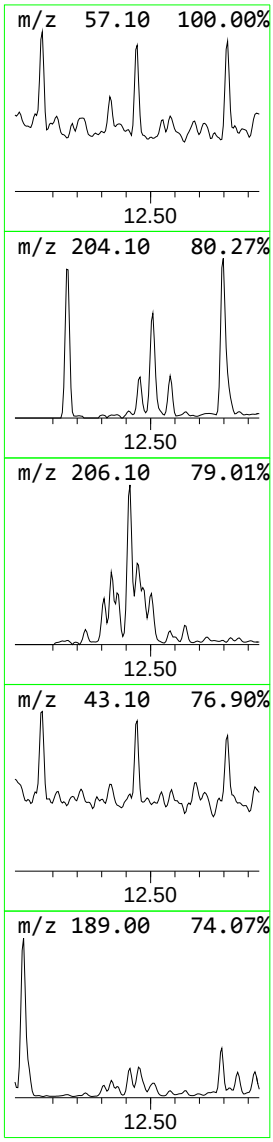
Peak Number 11 unknown12.445 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	4.53 ng	72070	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyridinol 3,5-dichloro-2-ethyl...	205	C8H9Cl2NO	1000253-55-0	22
2	Naphthalene, 2,3,4,4a,5,6-hexahy...	204	C15H24	000473-14-3	22
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	18
4	2-Chloro-5-(difluoromethyl)anili...	205	C9H10ClF2N	1000499-80-3	18
5	5-Amino-6-nitroquinoline	189	C9H7N3O2	035975-00-9	15





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

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

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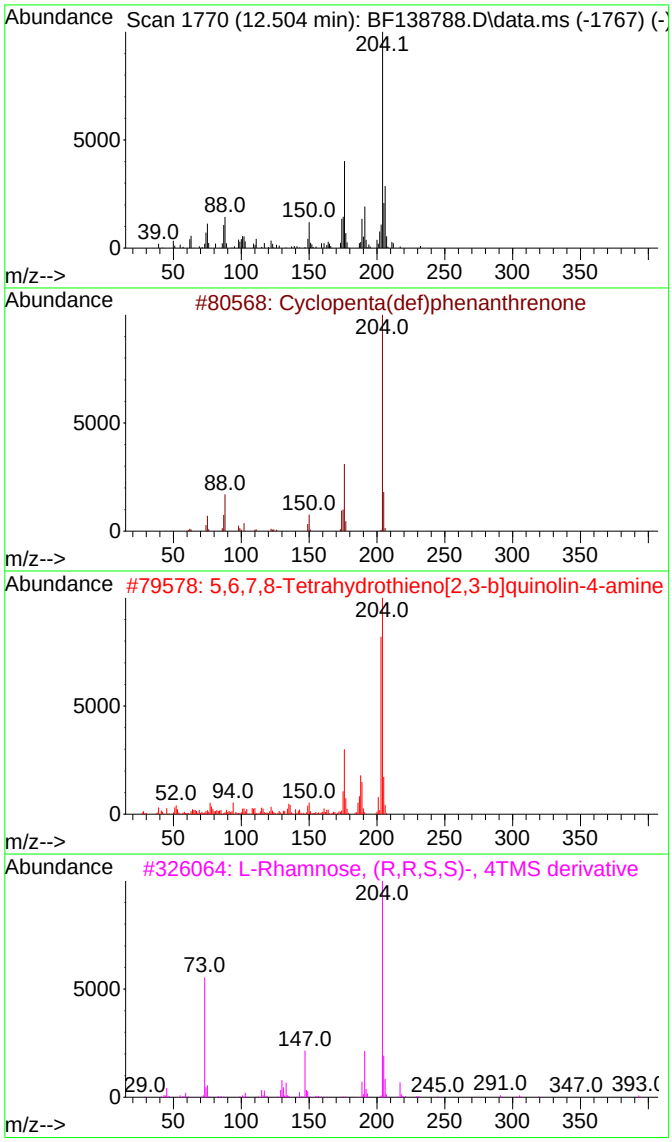
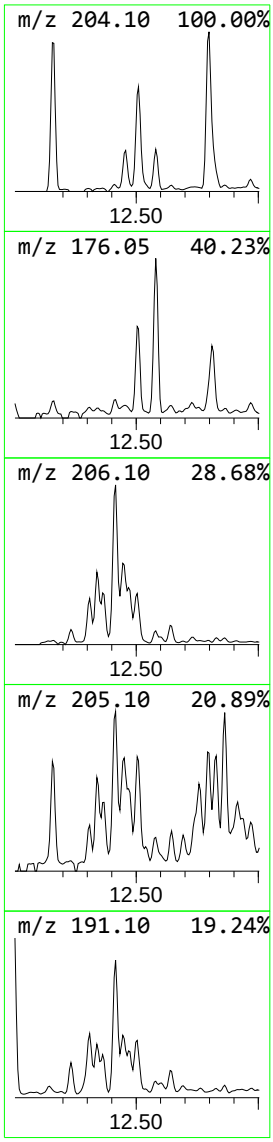
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	4.03 ng	64099	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	47
4	.alpha.-L-6-Deoxymannopyranose, ...	452	C18H44O5Si4	055057-21-1	47
5	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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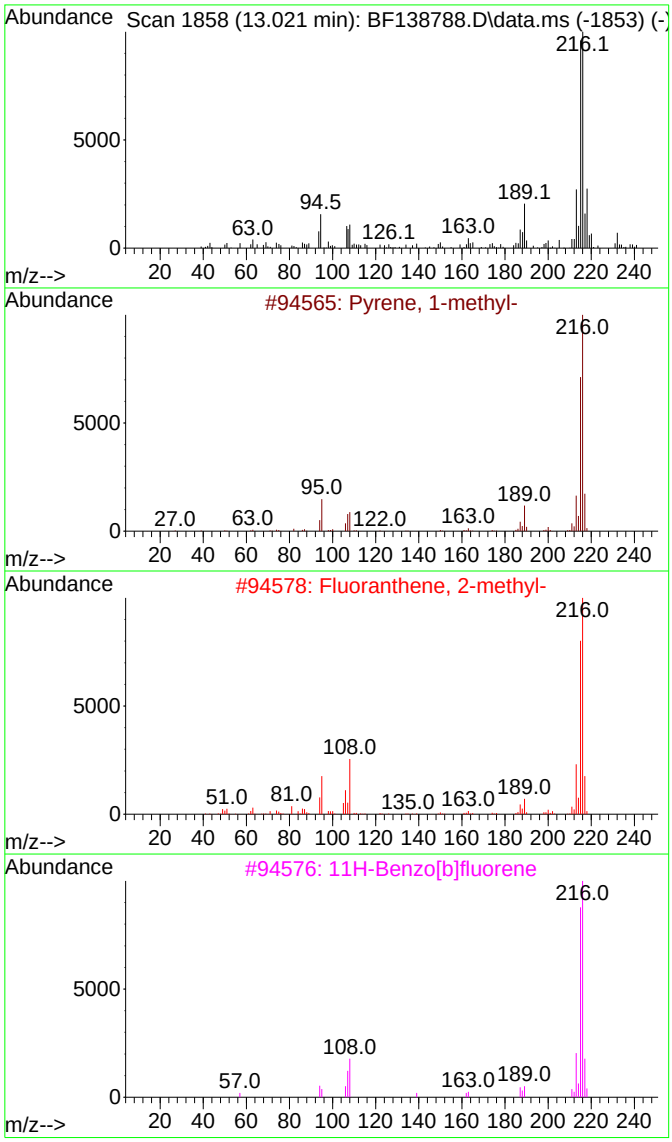
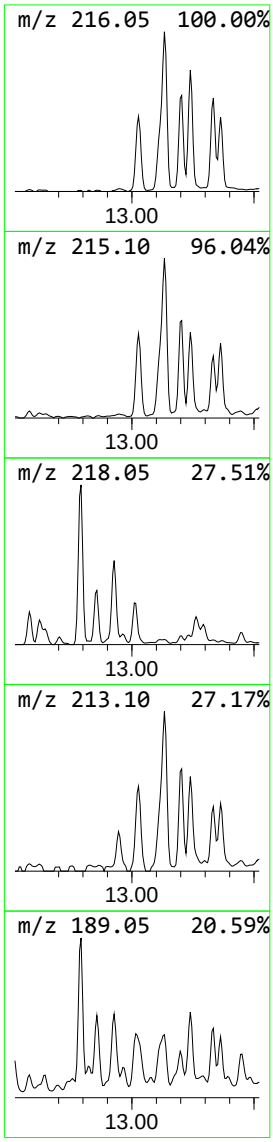
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	3.52 ng	118104	Chrysene-d12	14.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	55





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ALS Vial : 8 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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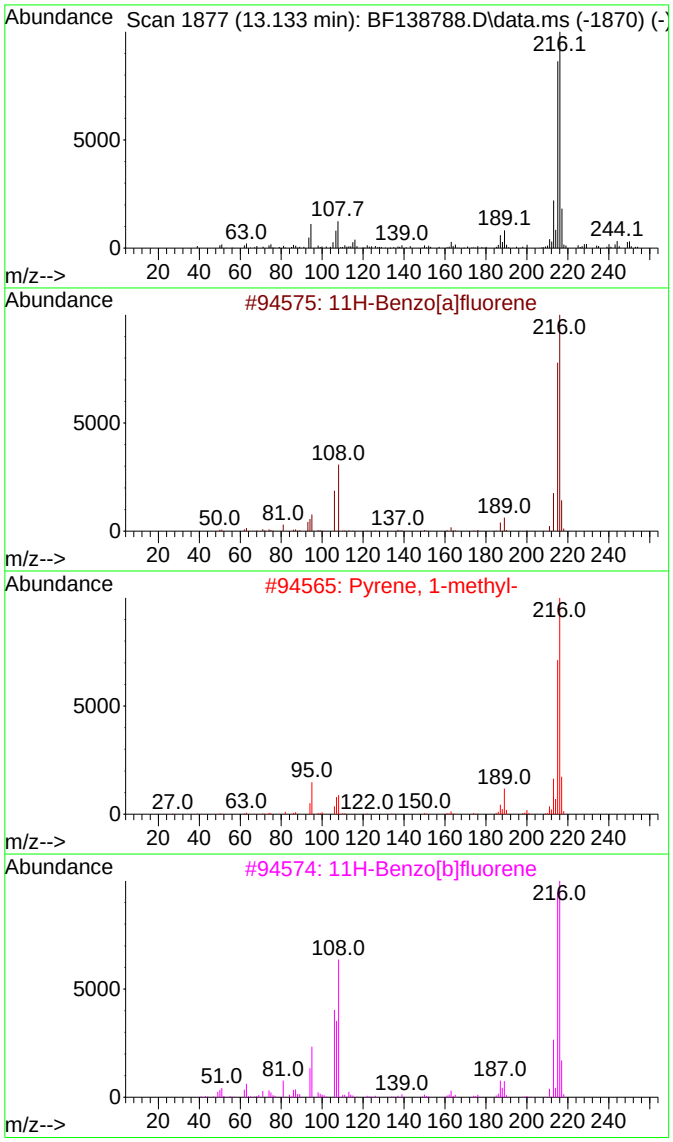
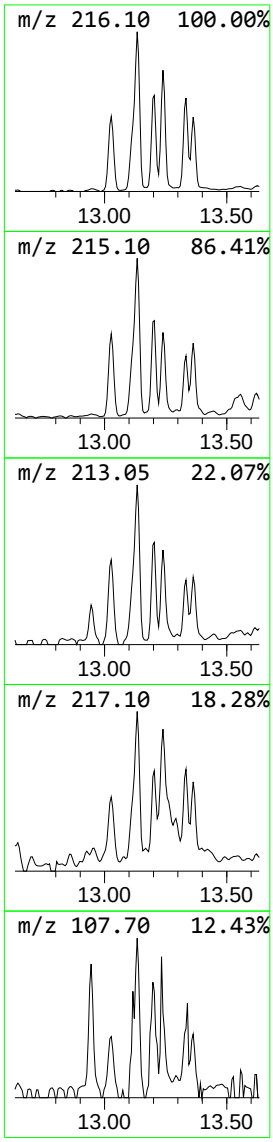
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	5.10 ng	171333	Chrysene-d12	14.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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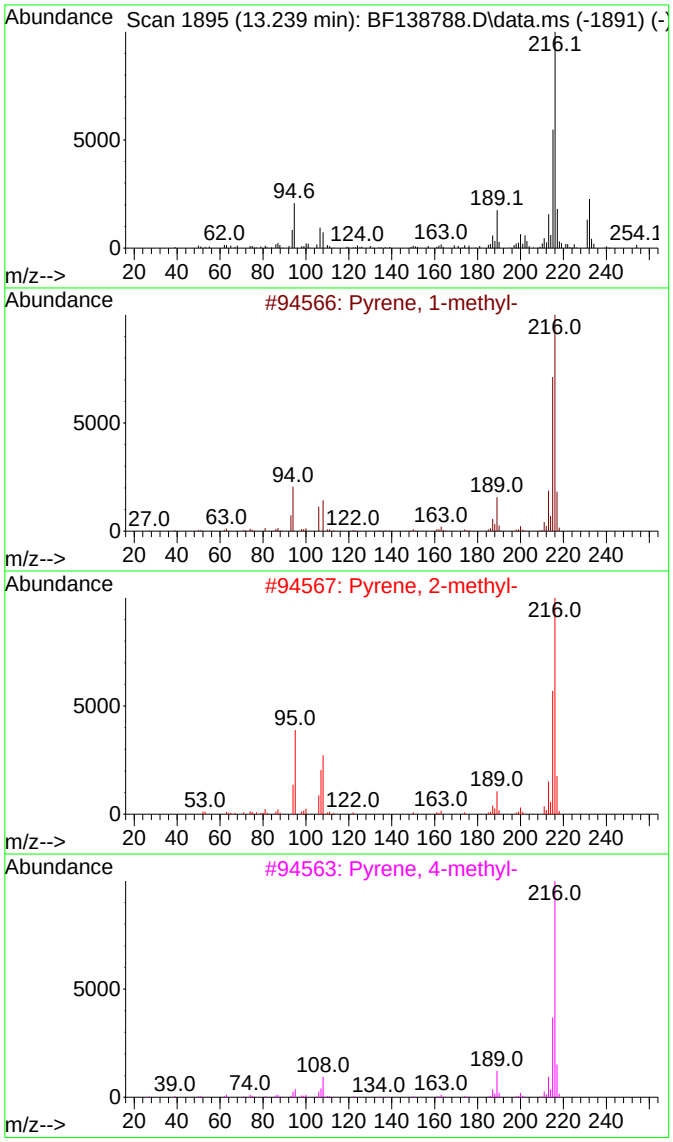
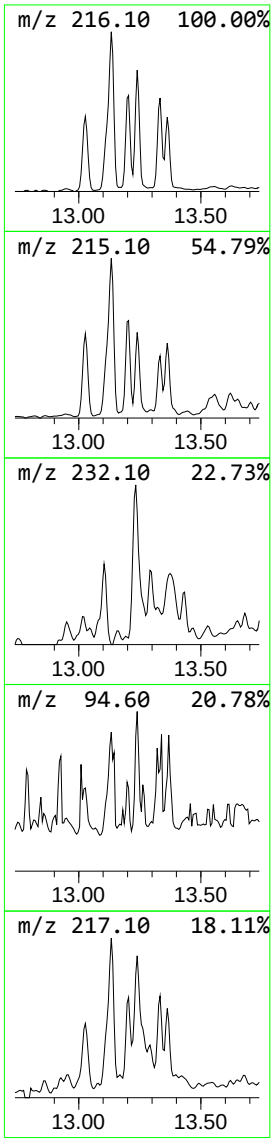
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	3.48 ng	116809	Chrysene-d12	14.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62





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TIC Library : C:\Database\NIST20.L
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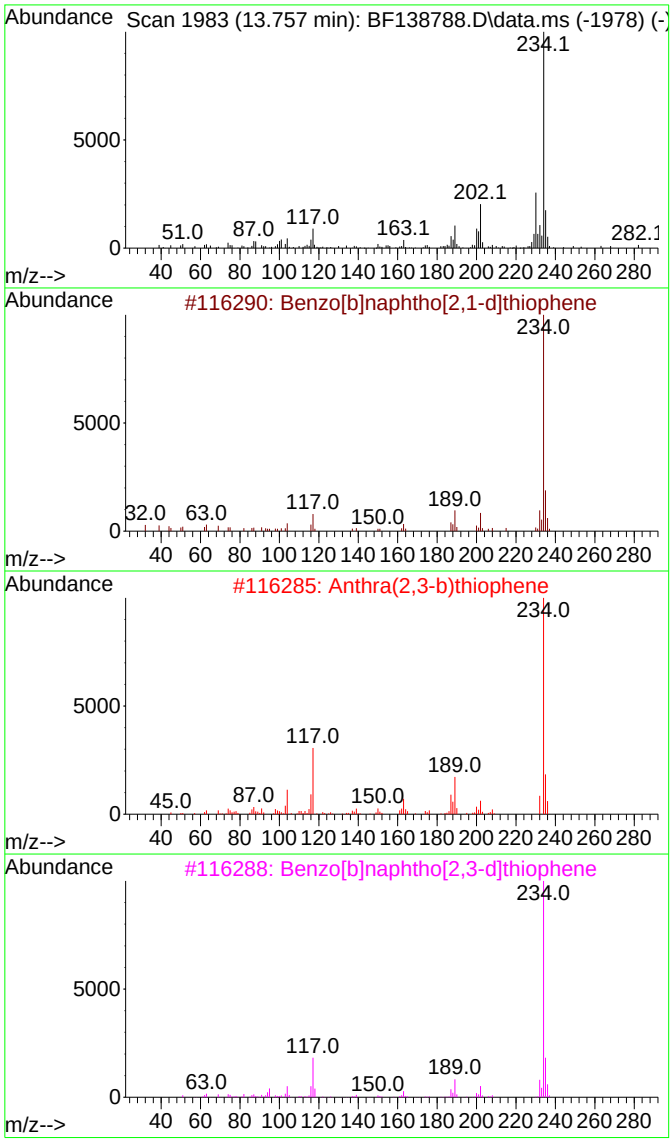
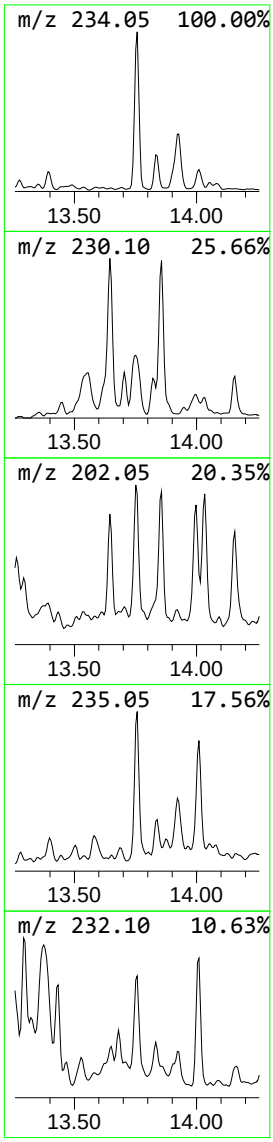
****
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	2.77 ng	92895	Chrysene-d12	14.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
4	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	62
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	52





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Data File : BF138788.D
Acq On : 05 Aug 2024 16:28
Operator : RC/JU
Sample : P3463-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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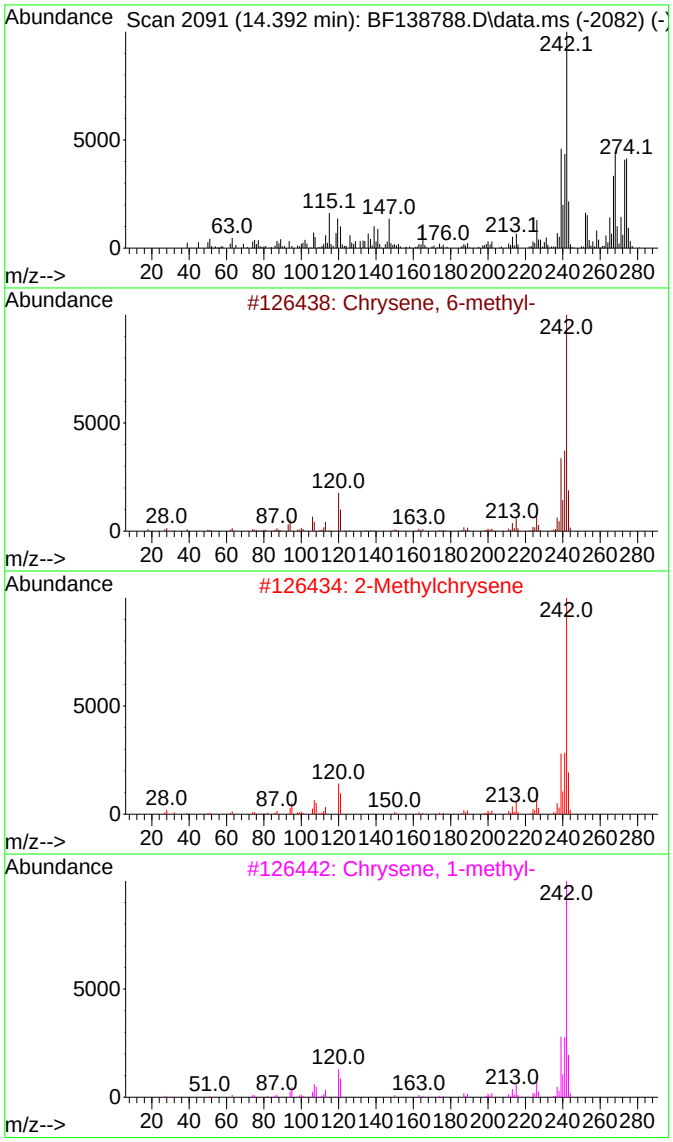
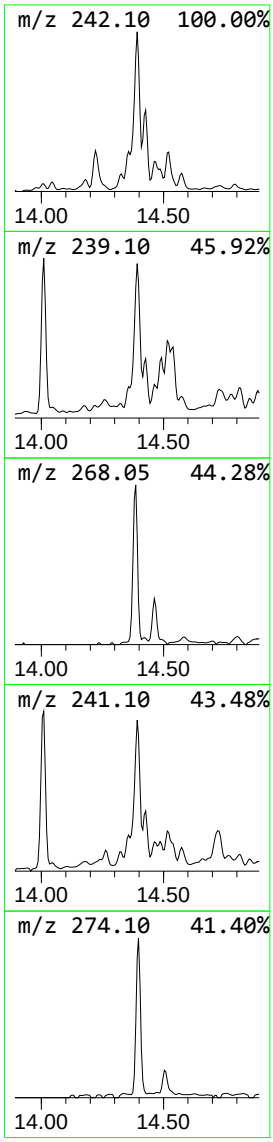
Peak Number 17 Chrysene, 6-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.392	10.17 ng	341494	Chrysene-d12	14.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	001705-85-7	93
2	2-Methylchrysene	242	C19H14	003351-32-4	60
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	60
4	Triphenylene, 1-methyl-	242	C19H14	002871-91-2	52
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	49





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Acq On : 05 Aug 2024 16:28
Operator : RC/JU
Sample : P3463-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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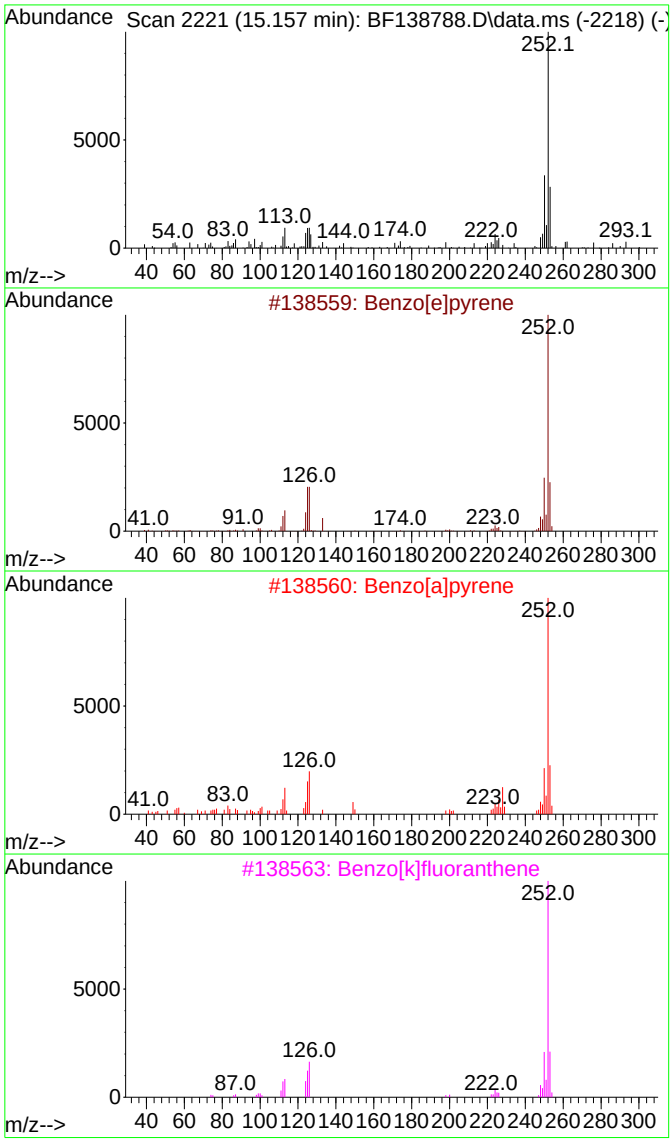
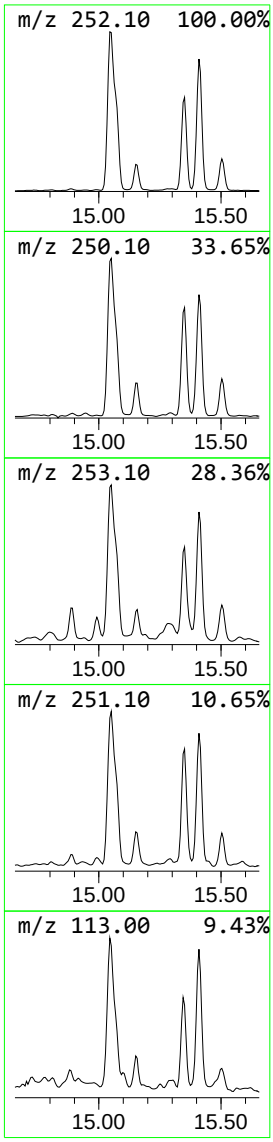
Peak Number 18 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.156	2.78 ng	25652	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	87
2	Benzo[a]pyrene	252	C20H12	000050-32-8	81
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	74
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138788.D
Acq On : 05 Aug 2024 16:28
Operator : RC/JU
Sample : P3463-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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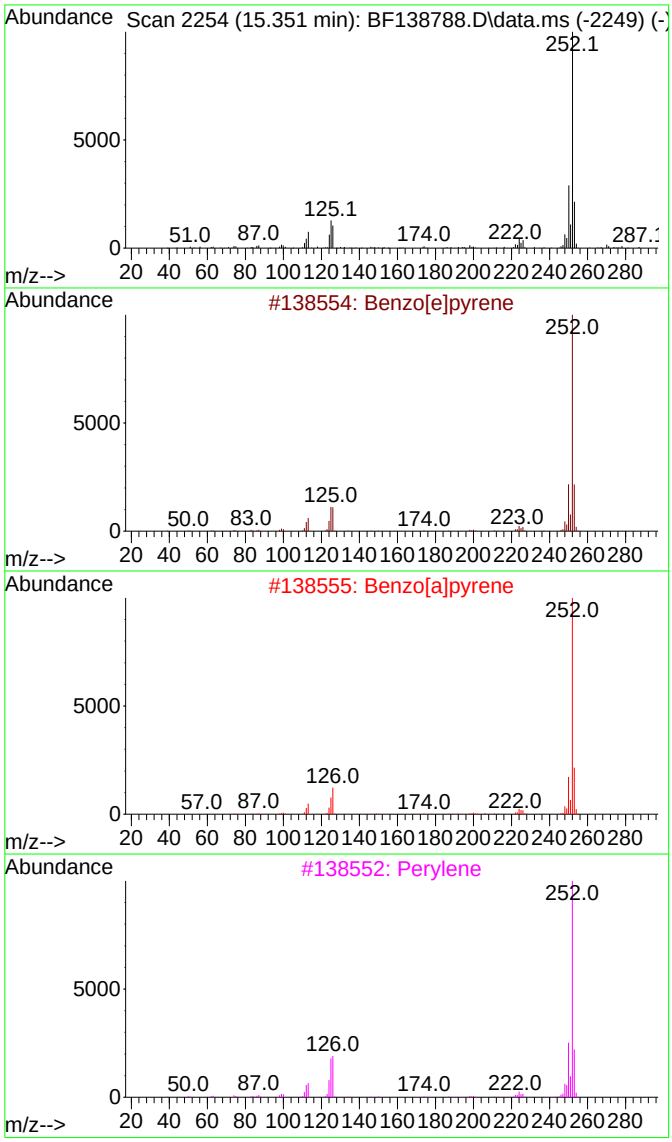
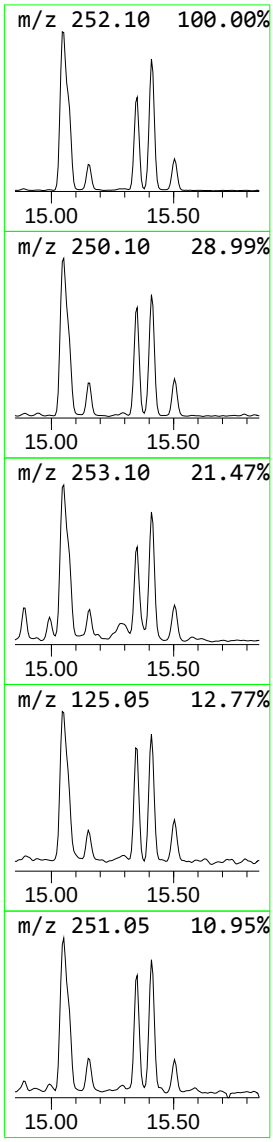
Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	16.21 ng	149354	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138788.D
Acq On : 05 Aug 2024 16:28
Operator : RC/JU
Sample : P3463-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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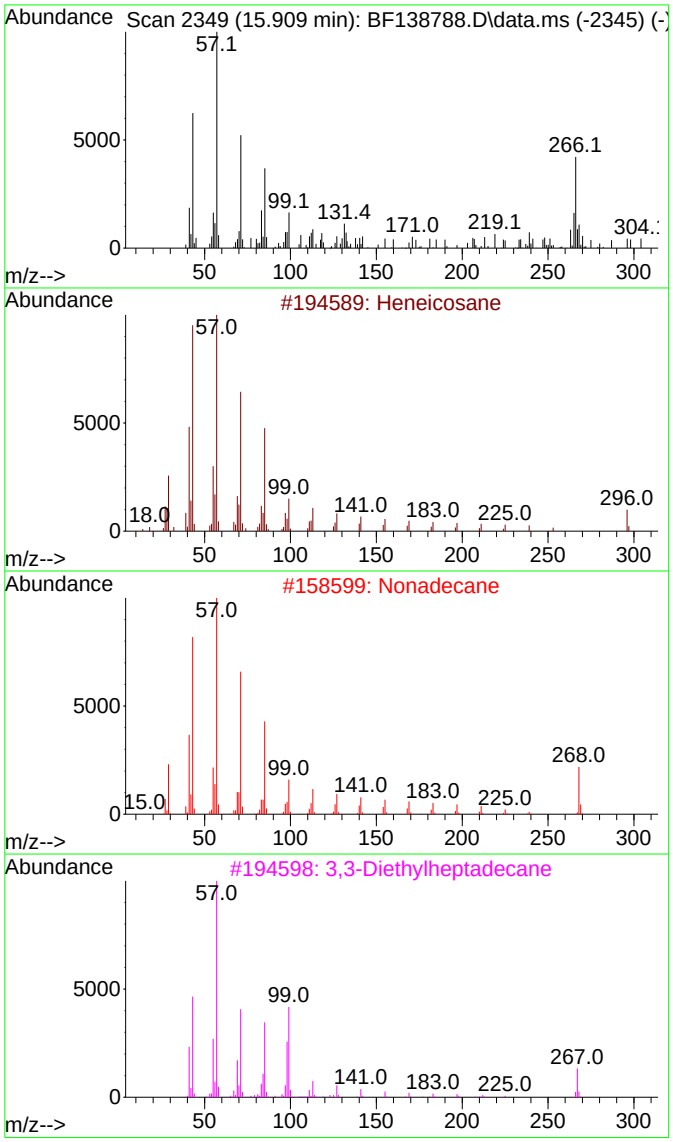
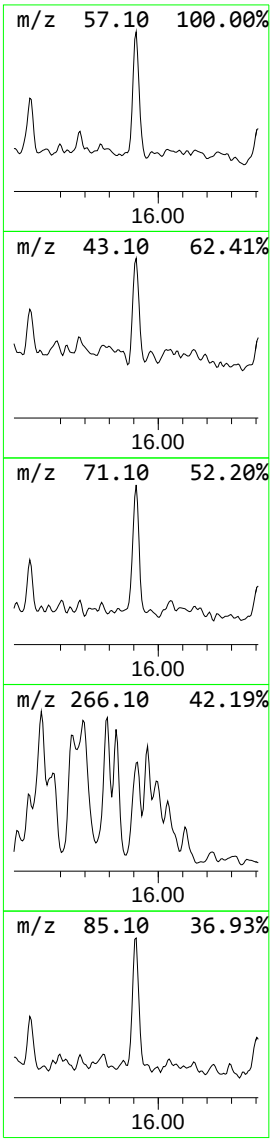
Peak Number 20 unknown15.909 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.909	4.86 ng	44789	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	46
2	Nonadecane	268	C19H40	000629-92-5	38
3	3,3-Diethylheptadecane	296	C21H44	1000360-41-6	35
4	[3-Fluoro-4-(4-methylpiperazin-1...	266	C14H19FN2O2	1000509-66-0	25
5	5,5-Diethylheptadecane	296	C21H44	1010360-41-7	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138788.D
Acq On : 05 Aug 2024 16:28
Operator : RC/JU
Sample : P3463-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-082024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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
Butane, 2-metho...	2.128	19.6	ng	325545	1	6.839	331879	20.0
Heneicosane	10.780	5.1	ng	81805	4	11.363	318192	20.0
unknown11.251	11.251	4.2	ng	67316	4	11.363	318192	20.0
9H-Carbazole-9-...	11.598	3.2	ng	50541	4	11.363	318192	20.0
Anthracene, 1-m...	11.863	6.6	ng	104732	4	11.363	318192	20.0
1H-Cyclopropa[l...	11.892	7.0	ng	111747	4	11.363	318192	20.0
4H-Cyclopenta[d...	11.974	14.4	ng	229466	4	11.363	318192	20.0
Naphthalene, 2-...	12.157	3.4	ng	54477	4	11.363	318192	20.0
9,10-Anthracene...	12.192	3.1	ng	49528	4	11.363	318192	20.0
Phenanthrene, 2...	12.416	5.0	ng	79731	4	11.363	318192	20.0
unknown12.445	12.445	4.5	ng	72070	4	11.363	318192	20.0
Cyclopenta(def)...	12.504	4.0	ng	64099	4	11.363	318192	20.0
Pyrene, 1-methyl-	13.021	3.5	ng	118104	5	14.009	671502	20.0
11H-Benzo[a]flu...	13.133	5.1	ng	171333	5	14.009	671502	20.0
Pyrene, 2-methyl-	13.239	3.5	ng	116809	5	14.009	671502	20.0
Benzo[b]naphtho...	13.757	2.8	ng	92895	5	14.009	671502	20.0
Chrysene, 6-met...	14.392	10.2	ng	341494	5	14.009	671502	20.0
Benzo[e]pyrene	15.156	2.8	ng	25652	6	15.474	184274	20.0
Perylene	15.351	16.2	ng	149354	6	15.474	184274	20.0
unknown15.909	15.909	4.9	ng	44789	6	15.474	184274	20.0