Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
Data File : BM042210.D
Acq On : 05 Oct 2023 10:23
Operator : MA/JU
Sample : 04588-09DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHT7DL

Quant Time: Oct 06 05:26:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:25:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	3243	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.735	136	7668	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.573	164	4208	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.329	188	8338	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.509	240	4281	0.400	ng/ul	# 0.00
23) Perylene-d12	23.912	264	3975	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.355	96	3340	0.773	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.319	152	487	0.046	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	343	0.021	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	217	0.048	ng/ul#	66
5) Naphthalene	10.790	128	50474	1.973	ng/ul#	82
7) 2-Methylnaphthalene	12.396	142	113388	7.403	ng/ul	98
8) 1-Methylnaphthalene	12.616	142	108389	7.025	ng/ul	100
10) Acenaphthylene	14.287	152	2492	0.094	ng/ul#	1
11) Acenaphthene	14.638	153	5905	0.293	ng/ul#	77
12) Fluorene	15.624	166	10911	0.481	ng/ul#	91
15) Phenanthrene	17.371	178	18079	0.526	ng/ul#	94
16) Anthracene	17.464	178	1196	0.038	ng/ul#	53
19) Fluoranthene	19.380	202	1500	0.046	ng/ul#	73
20) Pyrene	19.747	202	3618	0.105	ng/ul#	82
21) Benzo(a)anthracene	21.495	228	1285	0.046	ng/ul#	75
22) Chrysene	21.547	228	976	0.036	ng/ul#	71
24) Benzo(b)fluoranthene	23.172	252	1245	0.053	ng/ul#	1
25) Benzo(k)fluoranthene	23.222	252	586	0.025	ng/ul#	1
26) Benzo(a)pyrene	23.804	252	641	0.032	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.407	276	716	0.025	ng/ul#	42
28) Dibenzo(a,h)anthracene	26.424	278	528	0.024	ng/ul#	1
29) Benzo(g,h,i)perylene	27.186	276	958	0.040	ng/ul#	49

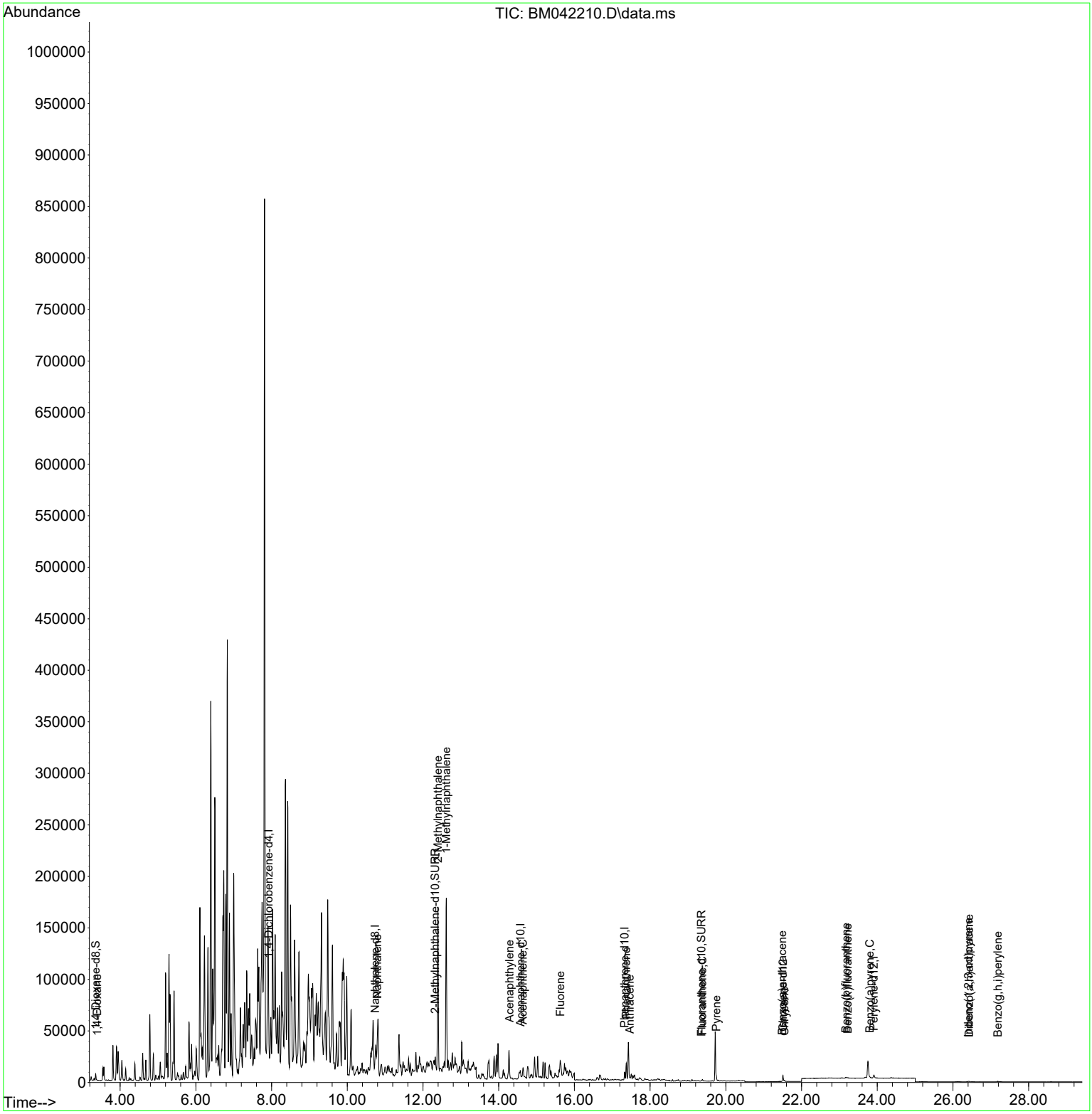
(#) = qualifier out of range (m) = manual integration (+) = signals summed

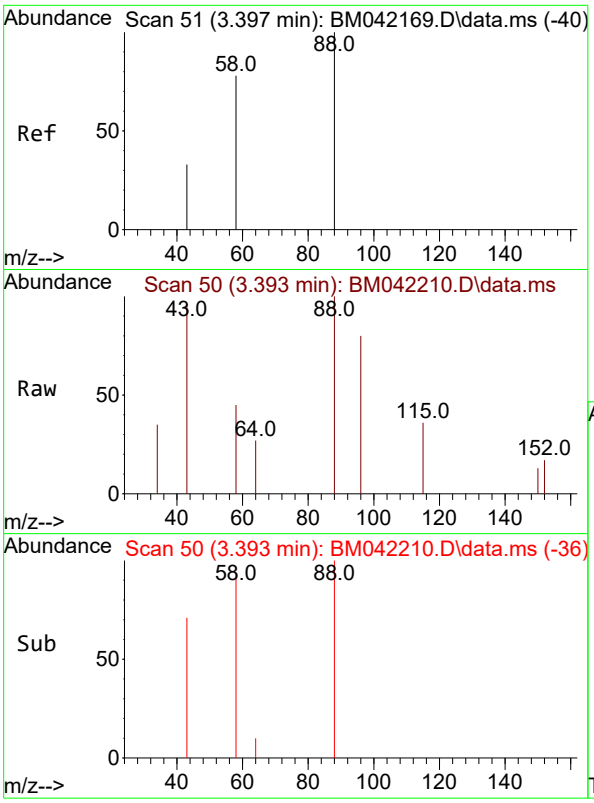
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
Data File : BM042210.D
Acq On : 05 Oct 2023 10:23
Operator : MA/JU
Sample : 04588-09DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHT7DL

Quant Time: Oct 06 05:26:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:25:26 2023
Response via : Initial Calibration



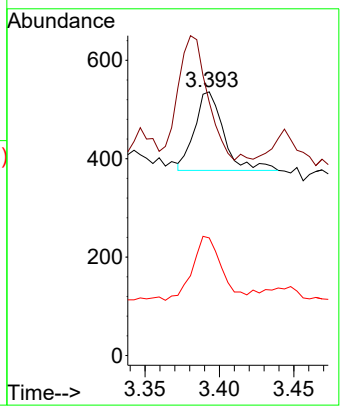


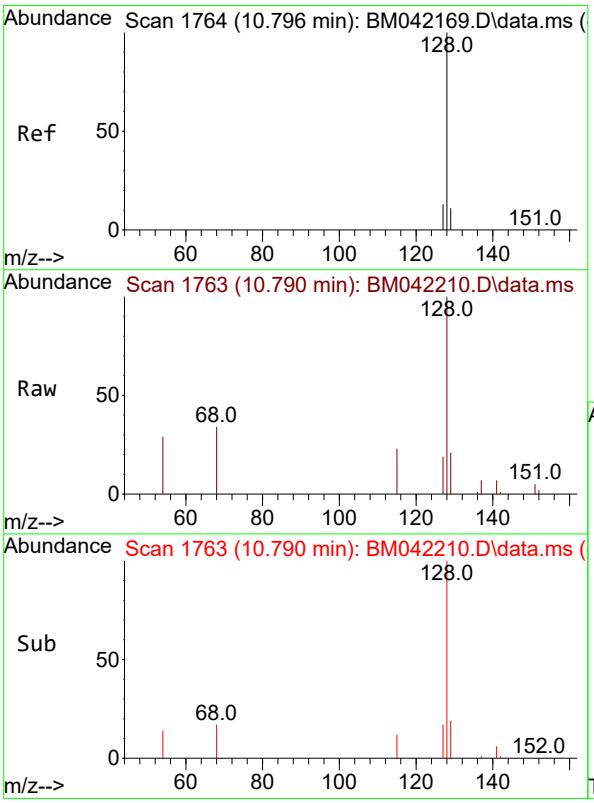
#2
1,4-Dioxane
Concen: 0.048 ng/ul
RT: 3.393 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Instrument :
BNA_M
ClientSampleId :
BBHT7DL

Tgt Ion: 88 Resp: 217

Ion	Ratio	Lower	Upper
88	100		
43	96.1	52.1	78.1#
58	44.6	53.8	80.6#

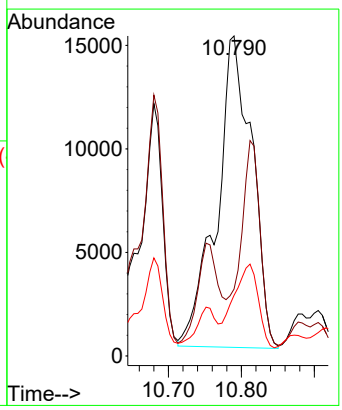


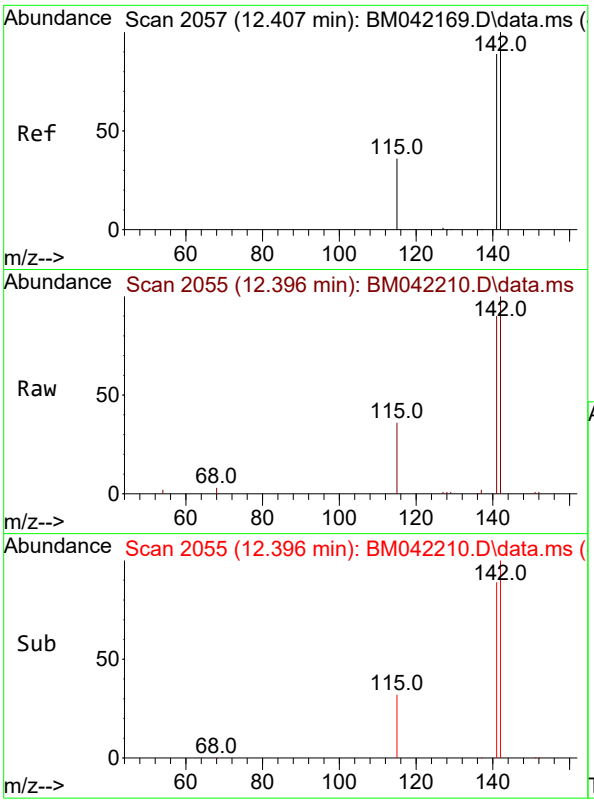


#5
Naphthalene
Concen: 1.973 ng/ul
RT: 10.790 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Tgt Ion:128 Resp: 50474

Ion	Ratio	Lower	Upper
128	100		
129	20.9	9.4	14.2#
127	19.0	11.0	16.4#



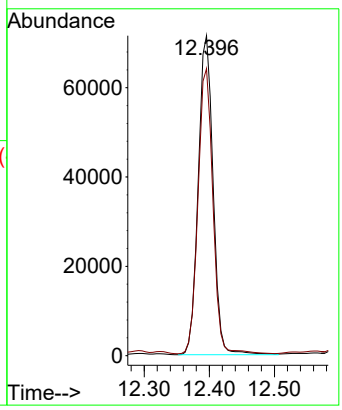


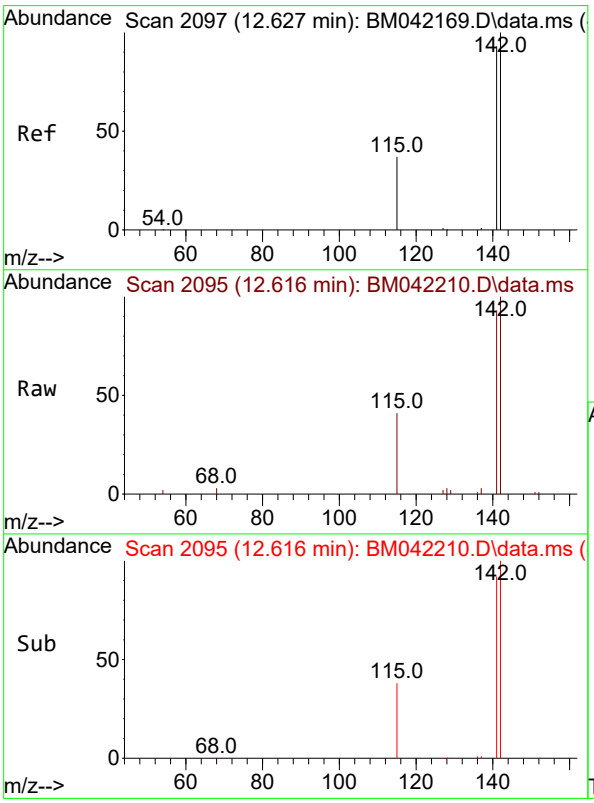
#7
2-Methylnaphthalene
Concen: 7.403 ng/ul
RT: 12.396 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Instrument :
BNA_M
ClientSampleId :
BBHT7DL

Tgt Ion:142 Resp: 113388

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.2	105.4

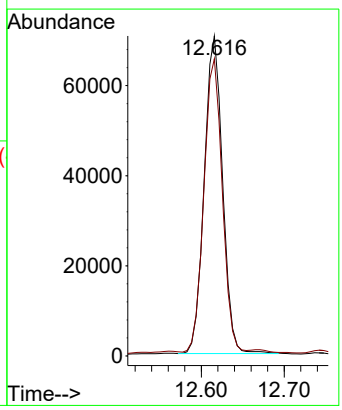


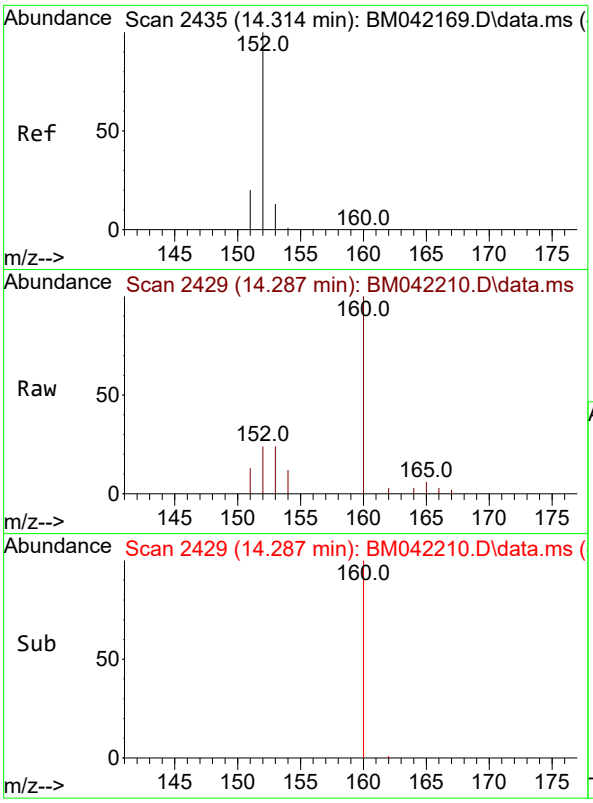


#8
1-Methylnaphthalene
Concen: 7.025 ng/ul
RT: 12.616 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Tgt Ion:142 Resp: 108389

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.5	110.3



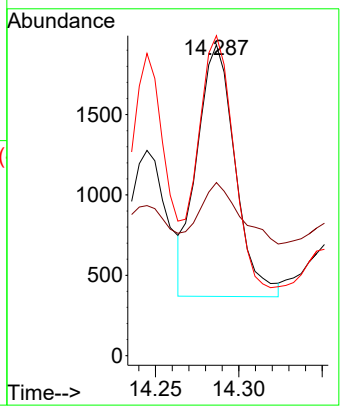


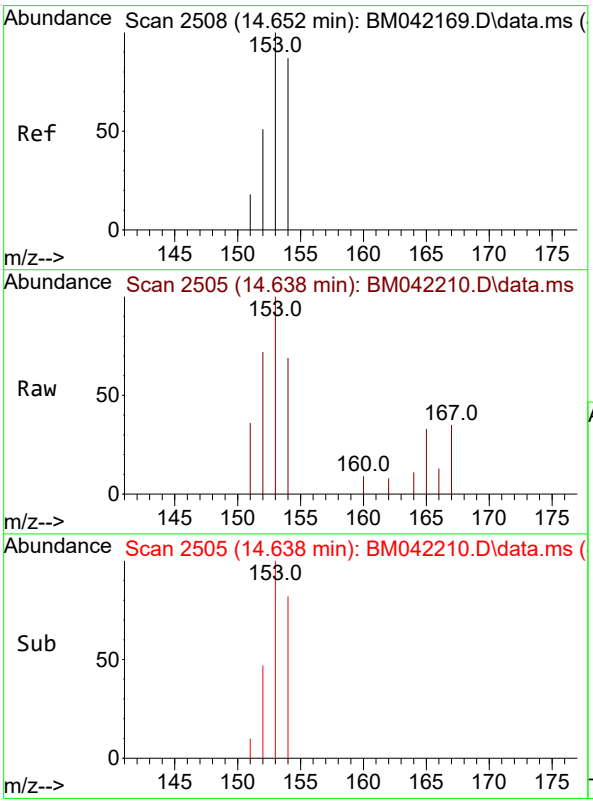
#10
Acenaphthylene
Concen: 0.094 ng/ul
RT: 14.287 min Scan# 24
Delta R.T. -0.028 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Instrument :
BNA_M
ClientSampleId :
BBHT7DL

Tgt Ion:152 Resp: 2492

Ion	Ratio	Lower	Upper
152	100		
151	55.7	16.4	24.6#
153	102.9	10.9	16.3#

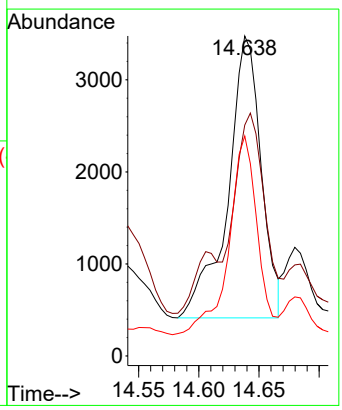


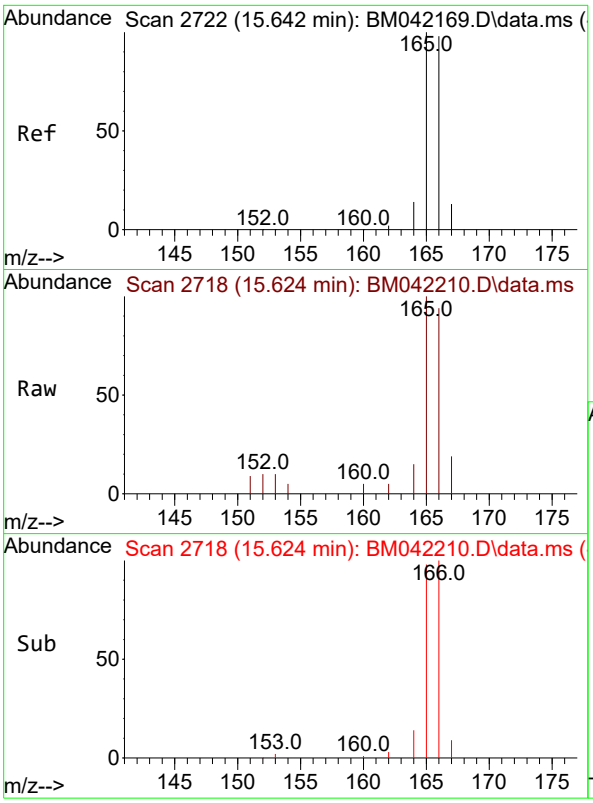


#11
Acenaphthene
Concen: 0.293 ng/ul
RT: 14.638 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Tgt Ion:153 Resp: 5905

Ion	Ratio	Lower	Upper
153	100		
152	72.1	41.1	61.7#
154	68.8	69.5	104.3#



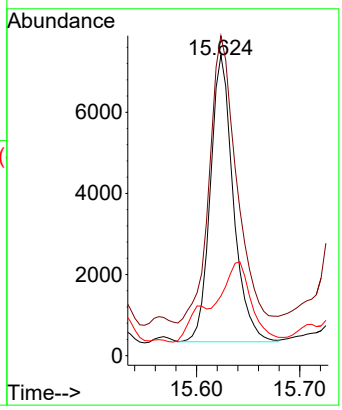


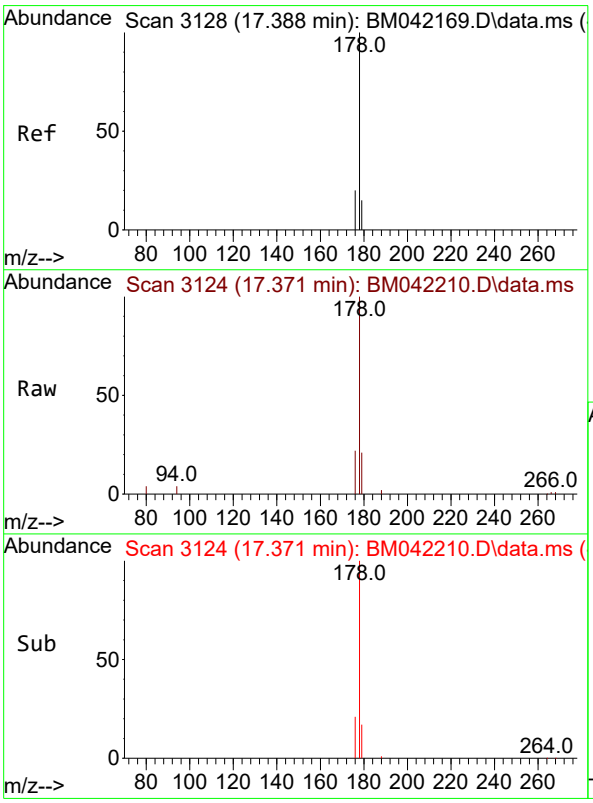
#12
Fluorene
Concen: 0.481 ng/ul
RT: 15.624 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Instrument :
BNA_M
ClientSampleId :
BBHT7DL

Tgt Ion:166 Resp: 10911

Ion	Ratio	Lower	Upper
166	100		
165	106.5	78.4	117.6
167	19.9	11.5	17.3#

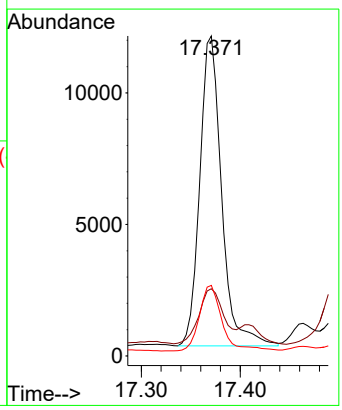


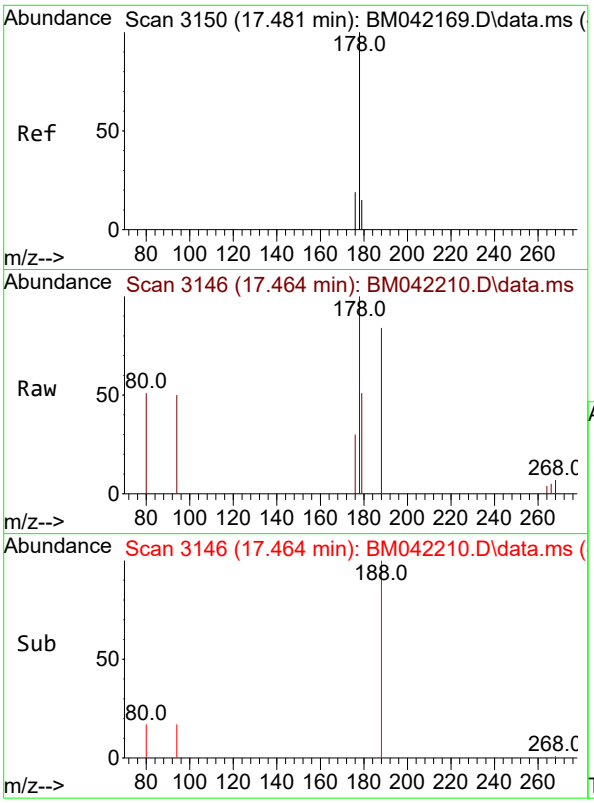


#15
Phenanthrene
Concen: 0.526 ng/ul
RT: 17.371 min Scan# 3124
Delta R.T. -0.008 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Tgt Ion:178 Resp: 18079

Ion	Ratio	Lower	Upper
178	100		
179	21.0	13.0	19.4#
176	22.0	16.8	25.2



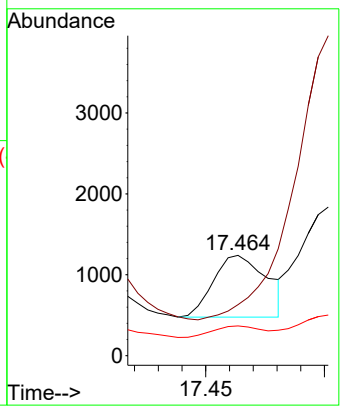


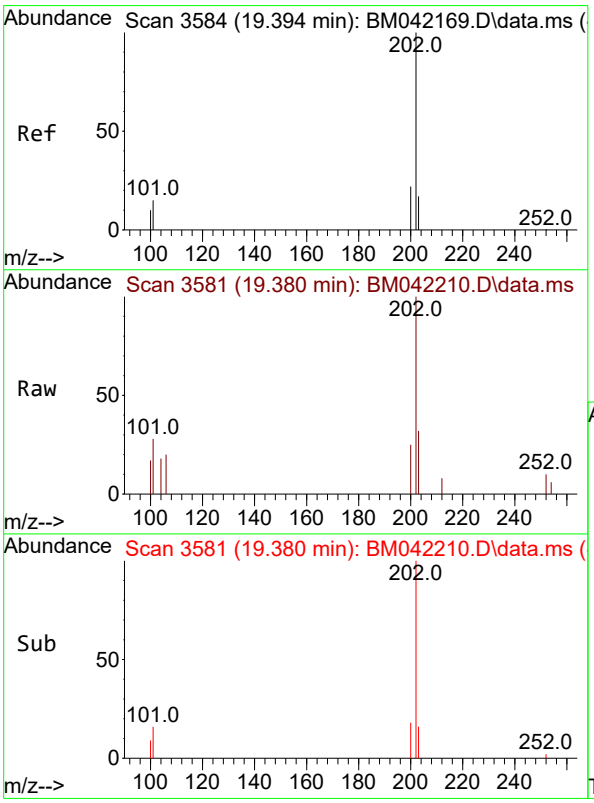
#16
Anthracene
Concen: 0.038 ng/ul
RT: 17.464 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Instrument :
BNA_M
ClientSampleId :
BBHT7DL

Tgt Ion:178 Resp: 1196

Ion	Ratio	Lower	Upper
178	100		
179	50.8	12.9	19.3#
176	29.6	16.3	24.5#

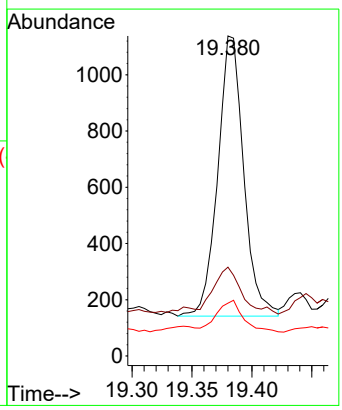


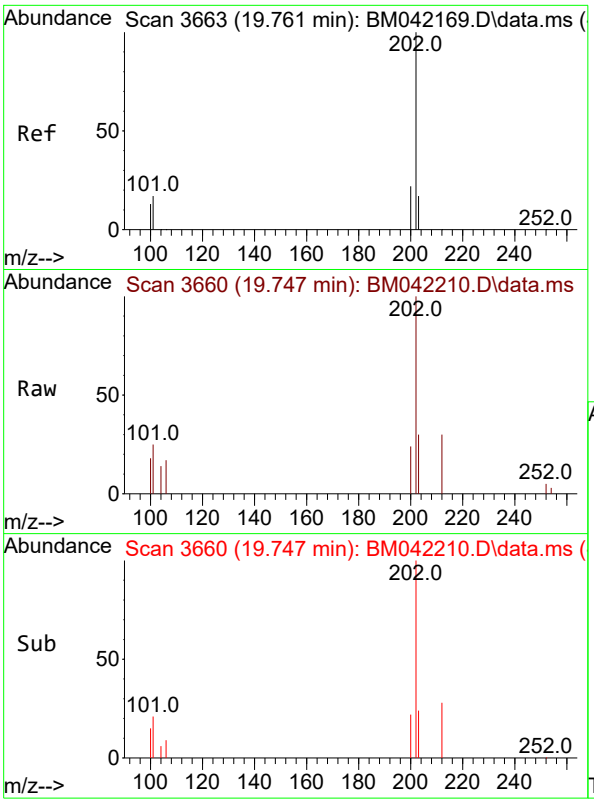


#19
Fluoranthene
Concen: 0.046 ng/ul
RT: 19.380 min Scan# 3581
Delta R.T. -0.009 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Tgt Ion:202 Resp: 1500

Ion	Ratio	Lower	Upper
202	100		
101	27.8	11.1	16.7#
100	16.5	8.2	12.2#



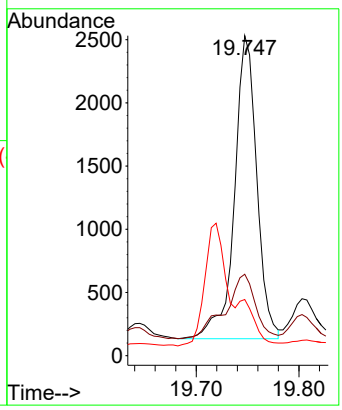


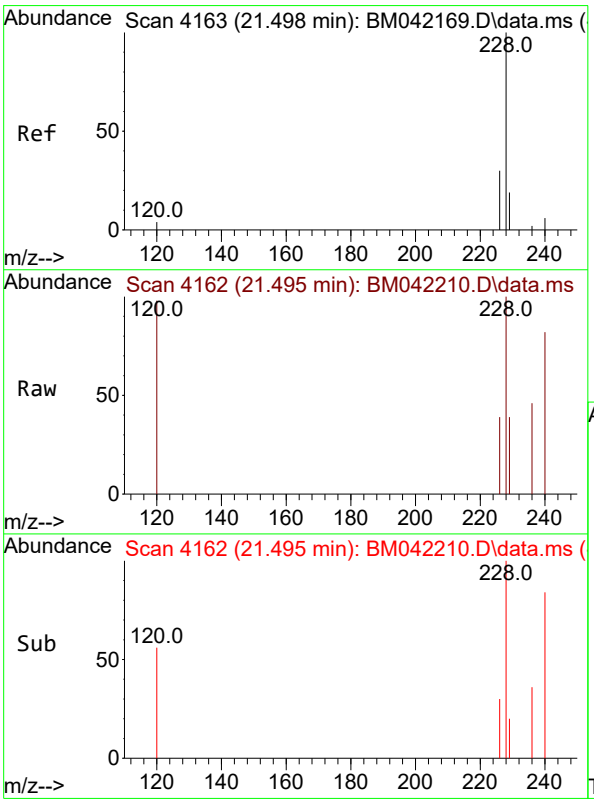
#20
Pyrene
Concen: 0.105 ng/ul
RT: 19.747 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Instrument :
BNA_M
ClientSampleId :
BBHT7DL

Tgt Ion:202 Resp: 3618

Ion	Ratio	Lower	Upper
202	100		
101	25.4	12.7	19.1#
100	17.5	9.9	14.9#

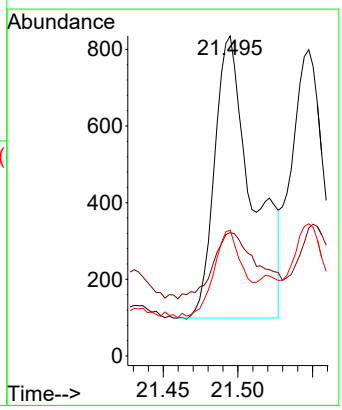


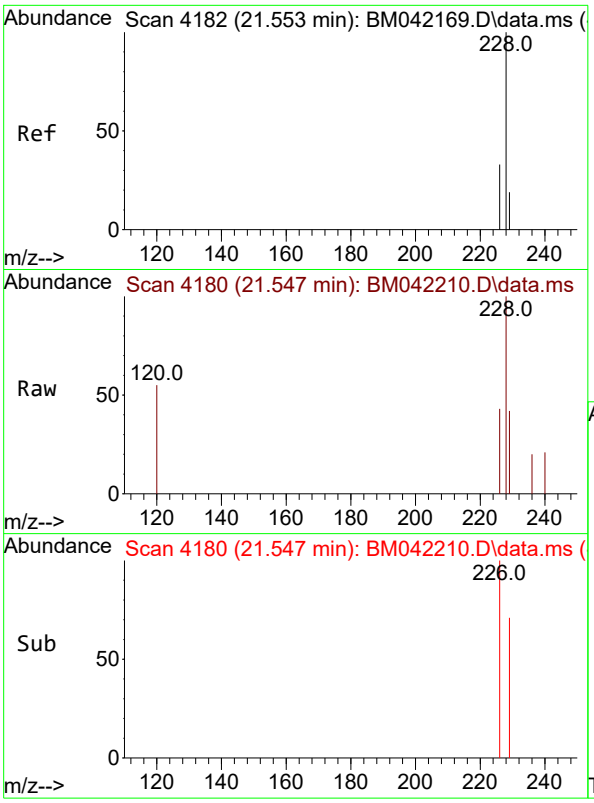


#21
Benzo(a)anthracene
Concen: 0.046 ng/ul
RT: 21.495 min Scan# 4162
Delta R.T. 0.003 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Tgt Ion:228 Resp: 1285

Ion	Ratio	Lower	Upper
228	100		
229	38.6	15.8	23.8#
226	39.3	24.6	37.0#



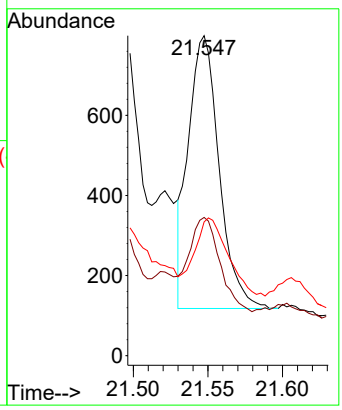


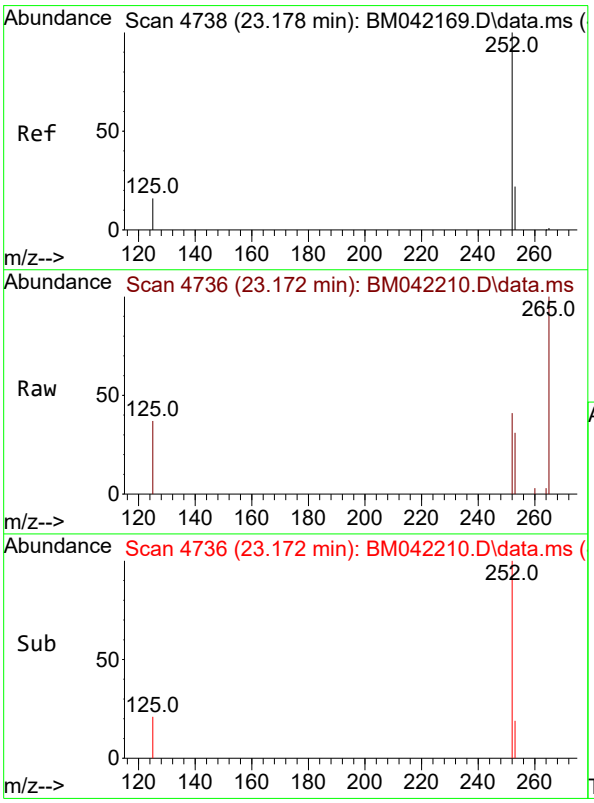
#22
Chrysene
Concen: 0.036 ng/ul
RT: 21.547 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Instrument :
BNA_M
ClientSampleId :
BBHT7DL

Tgt Ion:228 Resp: 976

Ion	Ratio	Lower	Upper
228	100		
226	43.2	26.7	40.1#
229	41.8	15.8	23.8#

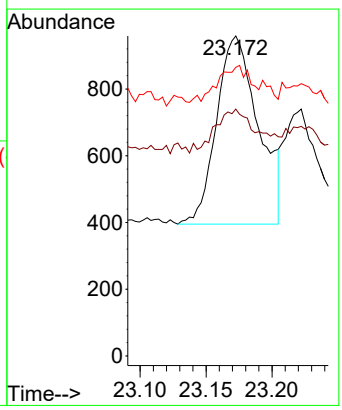


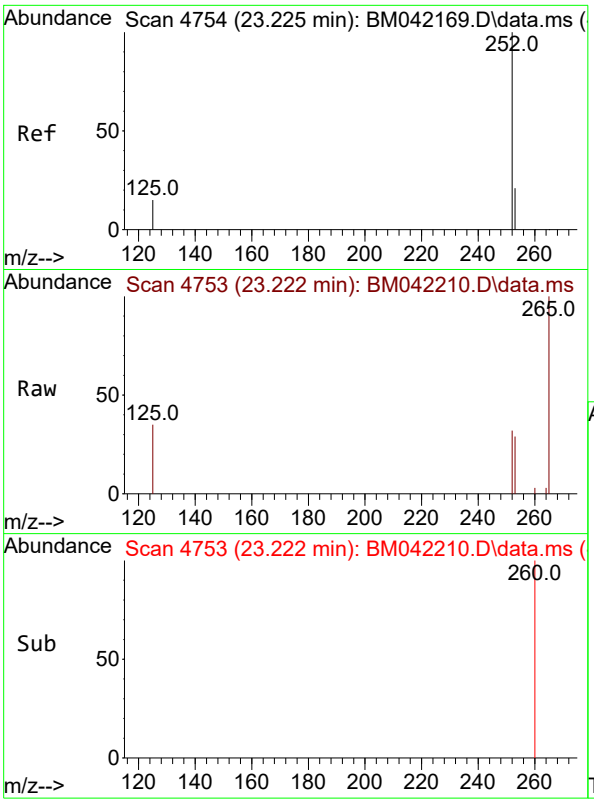


#24
Benzo(b)fluoranthene
Concen: 0.053 ng/ul
RT: 23.172 min Scan# 4736
Delta R.T. 0.003 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Tgt Ion:252 Resp: 1245

Ion	Ratio	Lower	Upper
252	100		
253	77.2	0.0	59.0#
125	90.2	0.0	49.6#



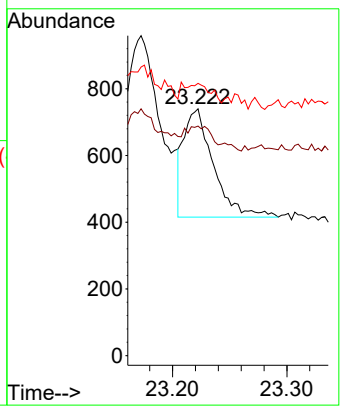


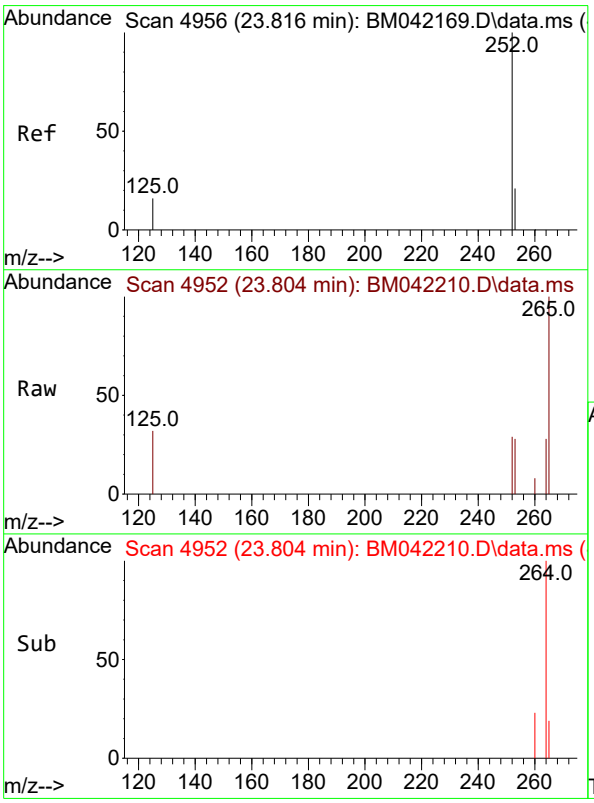
#25
Benzo(k)fluoranthene
Concen: 0.025 ng/ul
RT: 23.222 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Instrument :
BNA_M
ClientSampleId :
BBHT7DL

Tgt Ion:252 Resp: 586

Ion	Ratio	Lower	Upper
252	100		
253	93.0	23.4	35.0#
125	110.3	19.9	29.9#

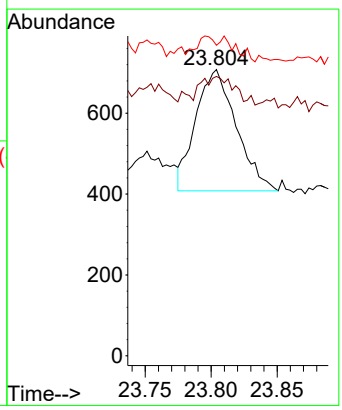


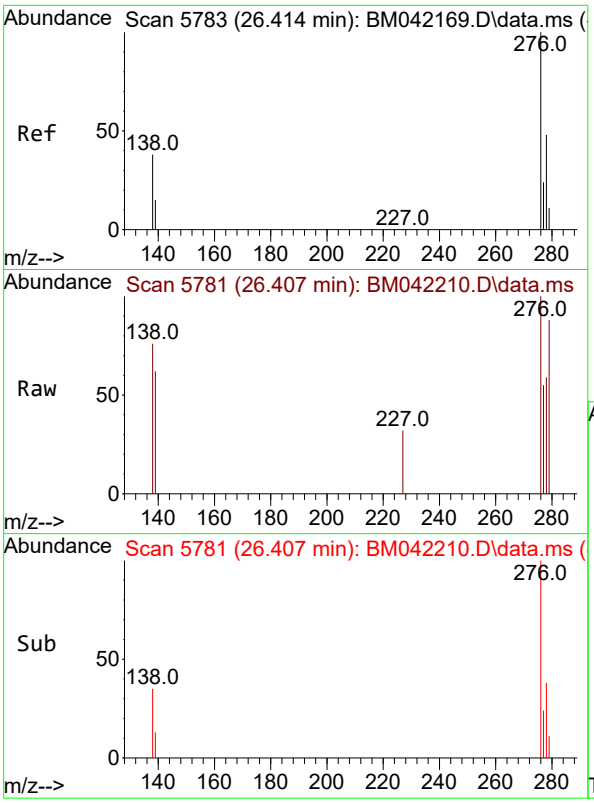


#26
Benzo(a)pyrene
Concen: 0.032 ng/ul
RT: 23.804 min Scan# 4952
Delta R.T. -0.003 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Tgt Ion:252 Resp: 641

Ion	Ratio	Lower	Upper
252	100		
253	97.6	25.3	37.9#
125	108.5	23.2	34.8#



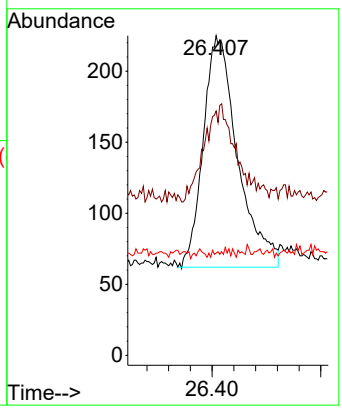


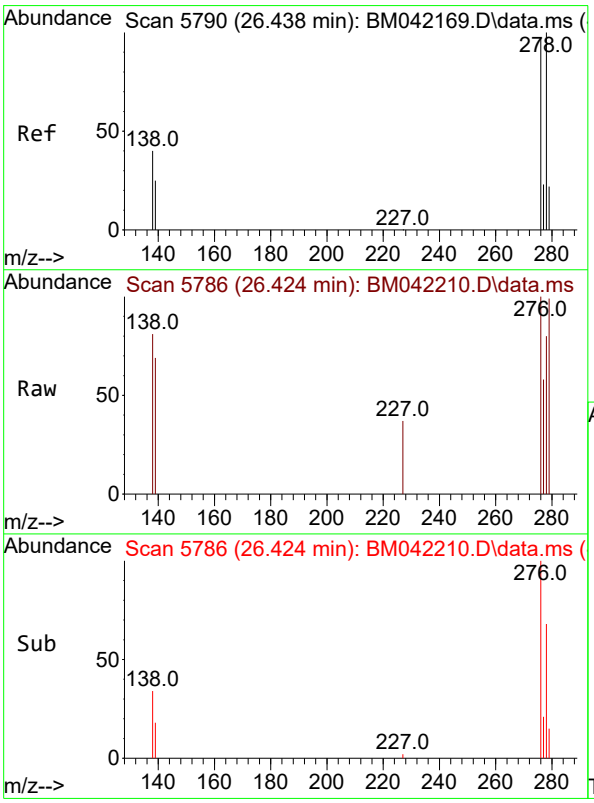
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng/ul
RT: 26.407 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Instrument :
BNA_M
ClientSampleId :
BBHT7DL

Tgt Ion:276 Resp: 716

Ion	Ratio	Lower	Upper
276	100		
138	0.0	26.7	40.1#
227	0.6	0.2	0.2#

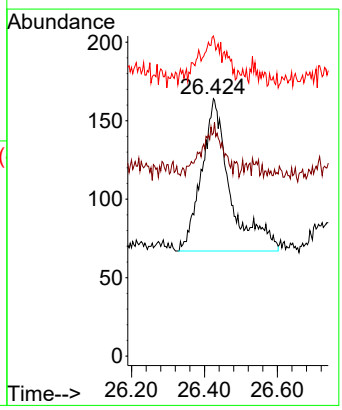


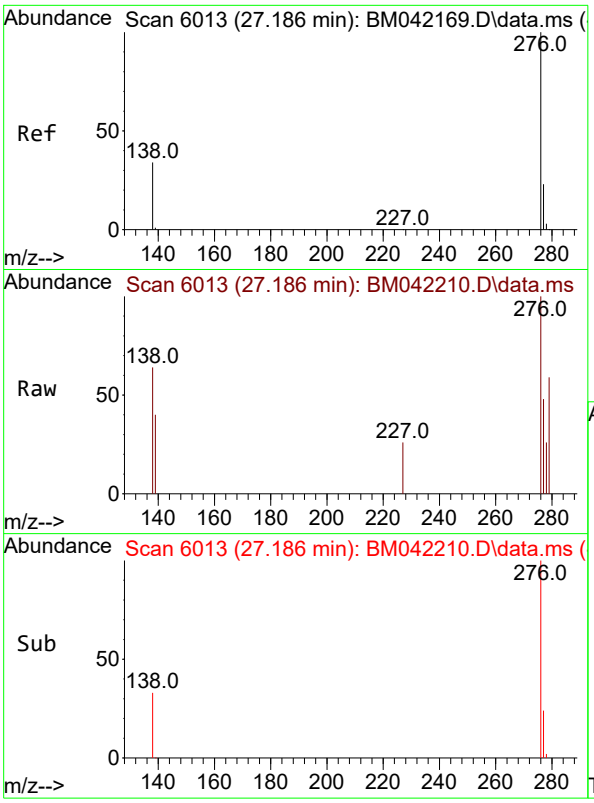


#28
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 26.424 min Scan# 5786
Delta R.T. -0.000 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Tgt Ion:278 Resp: 528

Ion	Ratio	Lower	Upper
278	100		
139	86.6	21.7	32.5#
279	124.4	22.4	33.6#





#29
Benzo(g,h,i)perylene
Concen: 0.040 ng/ul
RT: 27.186 min Scan# 6
Delta R.T. 0.010 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

Instrument :
BNA_M
ClientSampleId :
BBHT7DL

Tgt Ion:276 Resp: 958

Ion	Ratio	Lower	Upper
276	100		
138	64.5	26.8	40.2#
277	48.3	20.1	30.1#