Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
Data File : BM042661.D
Acq On : 08 Nov 2023 22:11
Operator : MA/JU
Sample : PB156830BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 08 22:56:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 02:23:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	752	0.400	ng/ul	0.00
4) Naphthalene-d8	10.673	136	2038	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	1088	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.264	188	2117	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	1589	0.400	ng/ul	0.00
23) Perylene-d12	23.829	264	1918	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	814	0.819	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	864	0.304	ng/ul	0.00
18) Fluoranthene-d10	19.290	212	1953	0.355	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.235	88	2531	2.143	ng/ul#	59
5) Naphthalene	10.728	128	2130	0.324	ng/ul	93
7) 2-Methylnaphthalene	12.339	142	1297	0.307	ng/ul	94
8) 1-Methylnaphthalene	12.559	142	1263	0.295	ng/ul	99
10) Acenaphthylene	14.238	152	2401	0.323	ng/ul	95
11) Acenaphthene	14.571	153	1687	0.334	ng/ul	97
12) Fluorene	15.566	166	1869	0.323	ng/ul#	99
14) Pentachlorophenol	16.905	266	775	0.718	ng/ul	98
15) Phenanthrene	17.306	178	2858	0.348	ng/ul	98
16) Anthracene	17.403	178	2349	0.316	ng/ul	95
19) Fluoranthene	19.323	202	3380	0.340	ng/ul	98
20) Pyrene	19.690	202	3750	0.343	ng/ul	99
21) Benzo(a)anthracene	21.432	228	2285	0.323	ng/ul	99
22) Chrysene	21.482	228	2582	0.353	ng/ul	97
24) Benzo(b)fluoranthene	23.089	252	2734	0.353	ng/ul	96
25) Benzo(k)fluoranthene	23.139	252	3001	0.370	ng/ul	96
26) Benzo(a)pyrene	23.721	252	3065	0.382	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.312	276	3857	0.370	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.332	278	2862	0.384	ng/ul	96
29) Benzo(g,h,i)perylene	27.080	276	3554	0.367	ng/ul	99

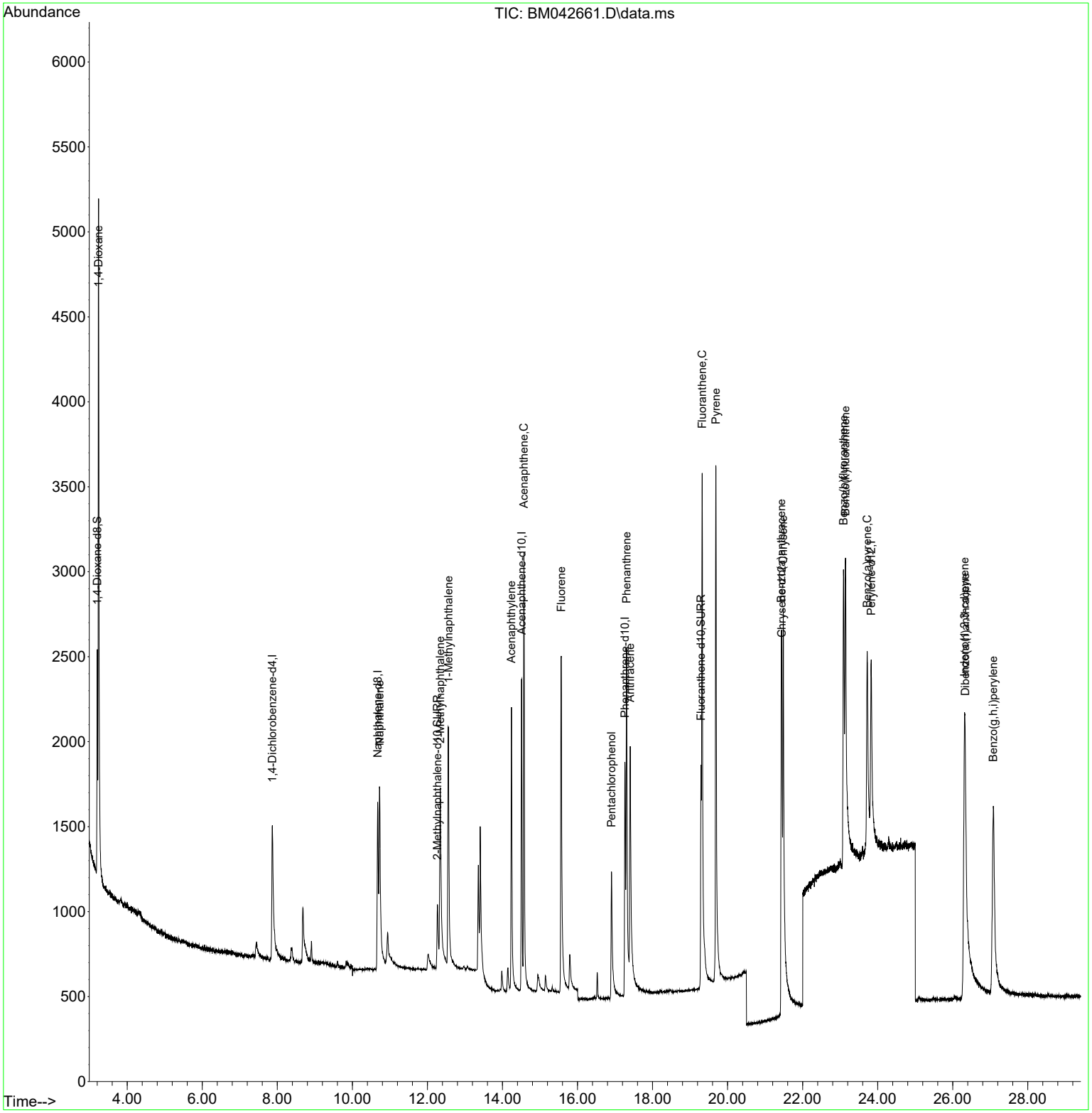
(#) = qualifier out of range (m) = manual integration (+) = signals summed

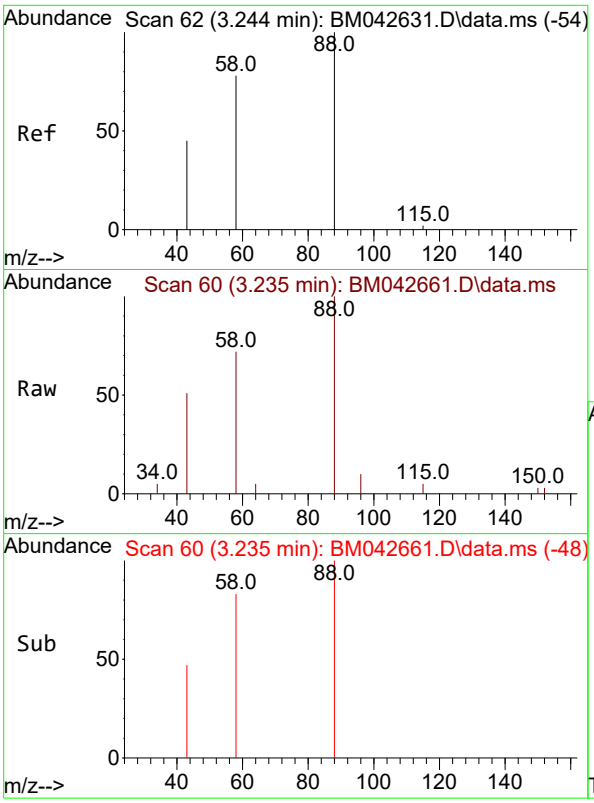
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
Data File : BM042661.D
Acq On : 08 Nov 2023 22:11
Operator : MA/JU
Sample : PB156830BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 08 22:56:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 02:23:03 2023
Response via : Initial Calibration



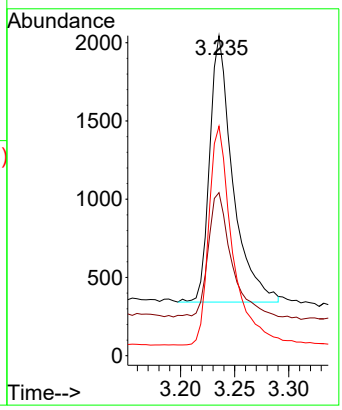


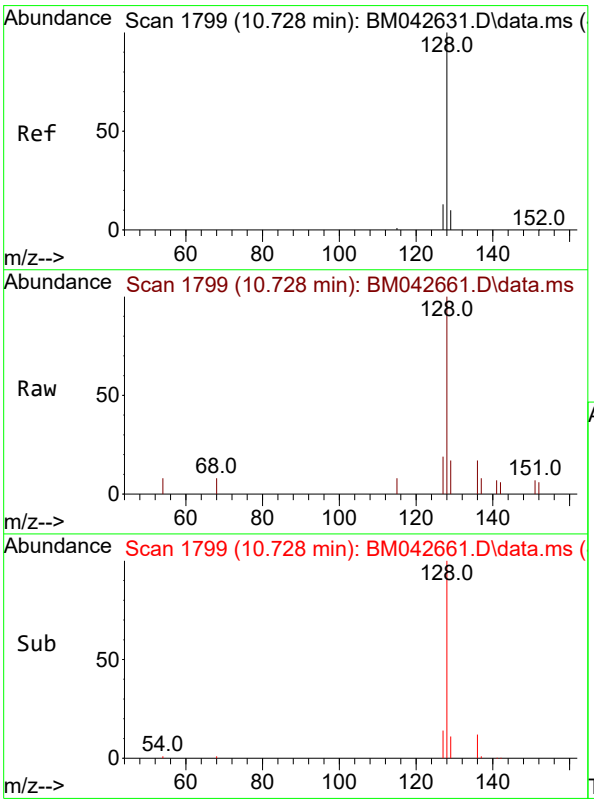
#2
1,4-Dioxane
Concen: 2.143 ng/ul
RT: 3.235 min Scan# 6
Delta R.T. -0.011 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 2531

Ion	Ratio	Lower	Upper
88	100		
43	51.0	77.5	116.3#
58	71.7	40.9	61.3#

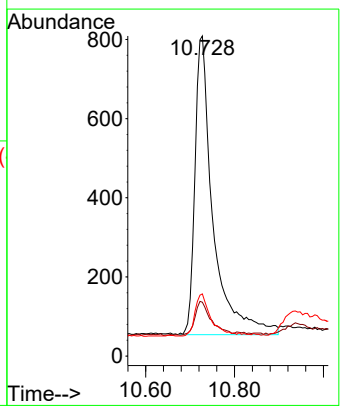


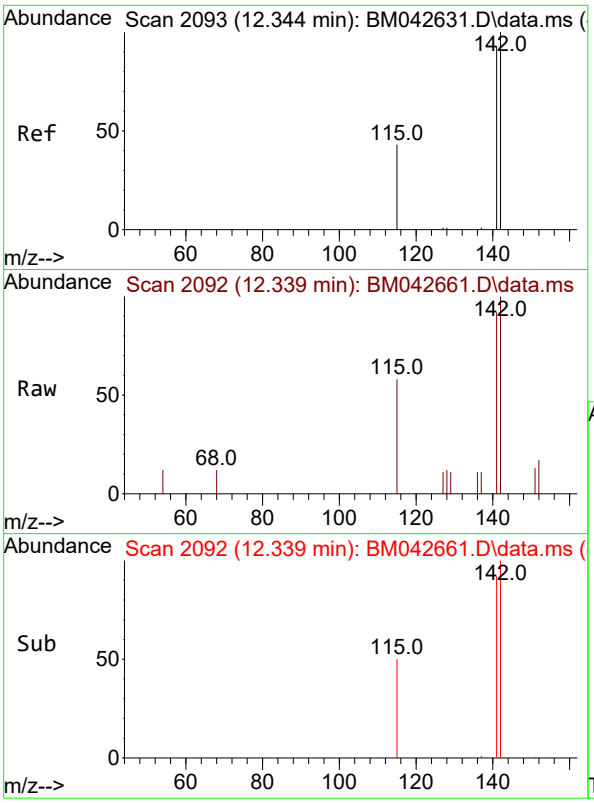


#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.728 min Scan# 1799
Delta R.T. -0.008 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:128 Resp: 2130

Ion	Ratio	Lower	Upper
128	100		
129	16.8	11.3	16.9
127	19.4	13.0	19.4



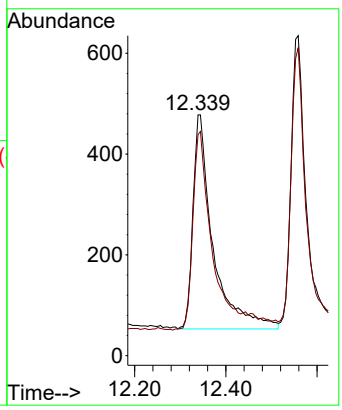


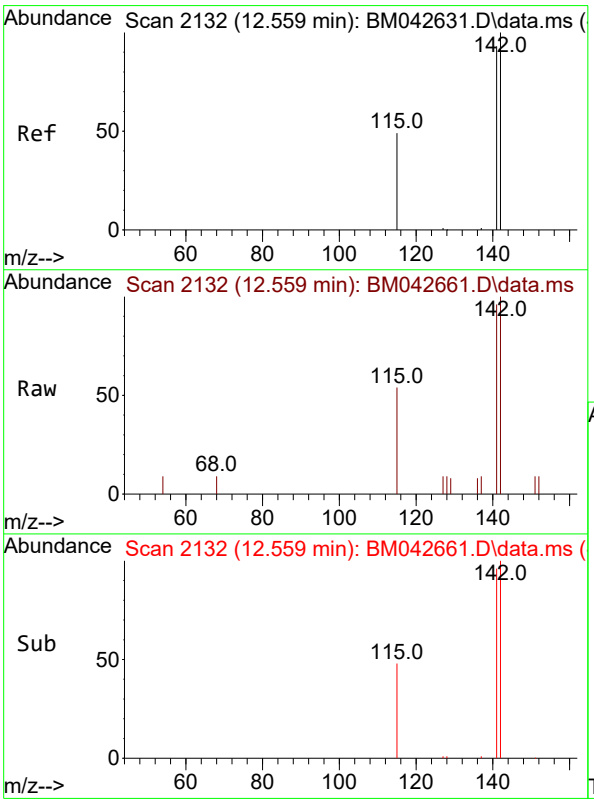
#7
2-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.339 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1297

Ion	Ratio	Lower	Upper
142	100		
141	94.8	71.7	107.5

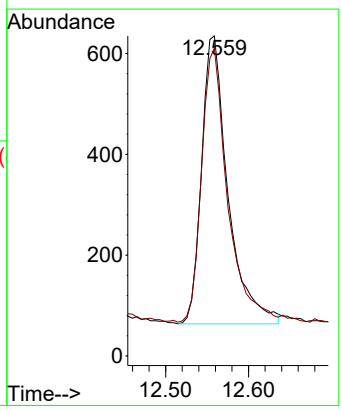


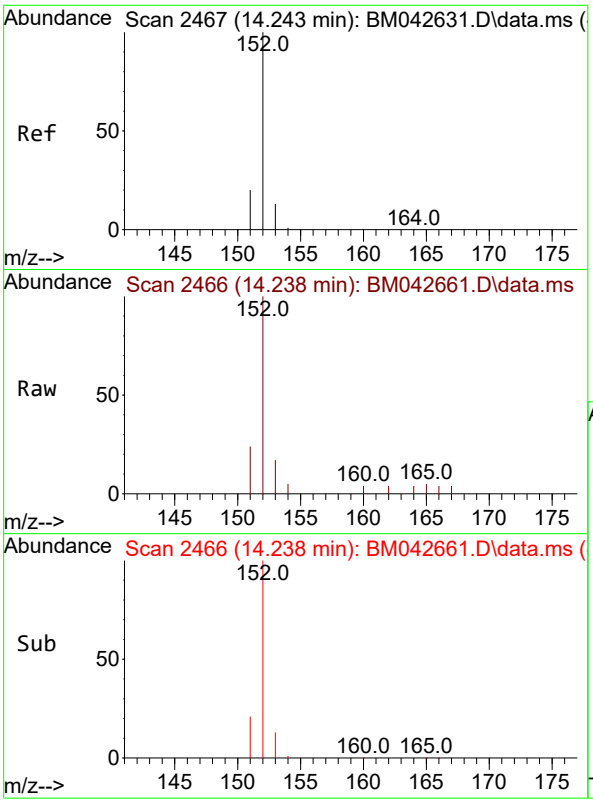


#8
1-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.559 min Scan# 2132
Delta R.T. -0.008 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:142 Resp: 1263

Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.4	113.2



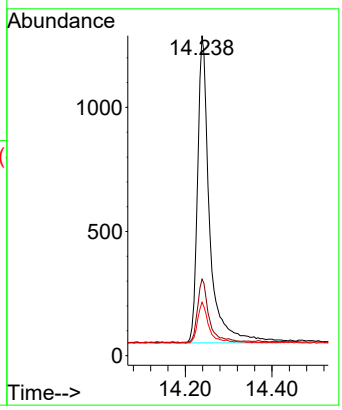


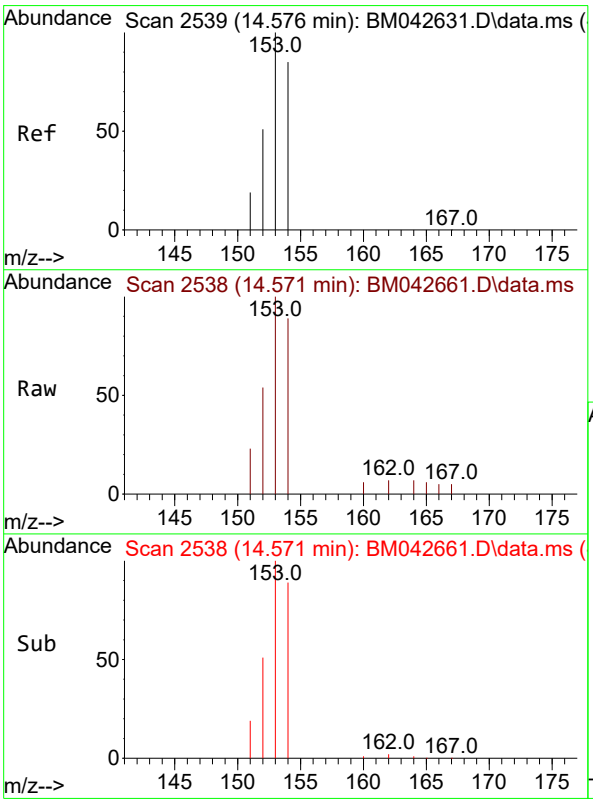
#10
Acenaphthylene
Concen: 0.323 ng/ul
RT: 14.238 min Scan# 24
Delta R.T. -0.007 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 2401

Ion	Ratio	Lower	Upper
152	100		
151	23.9	17.2	25.8
153	16.7	11.8	17.8

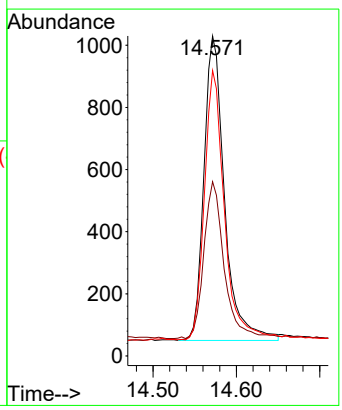


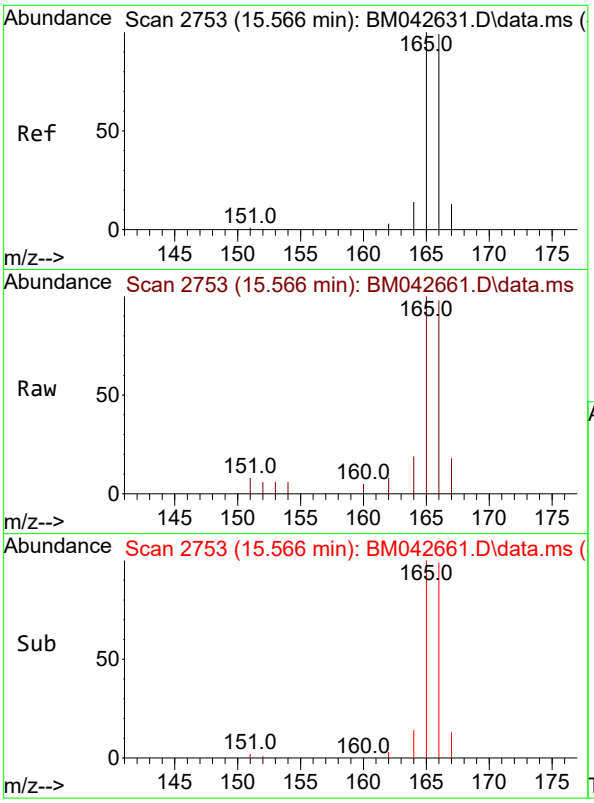


#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.571 min Scan# 2538
Delta R.T. -0.007 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:153 Resp: 1687

Ion	Ratio	Lower	Upper
153	100		
152	54.5	41.8	62.6
154	89.2	69.2	103.8



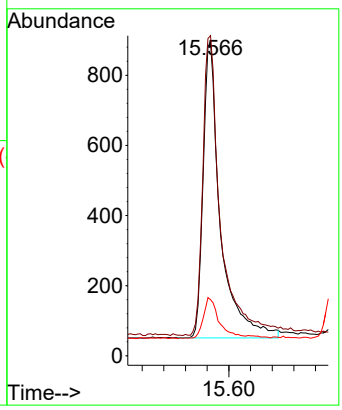


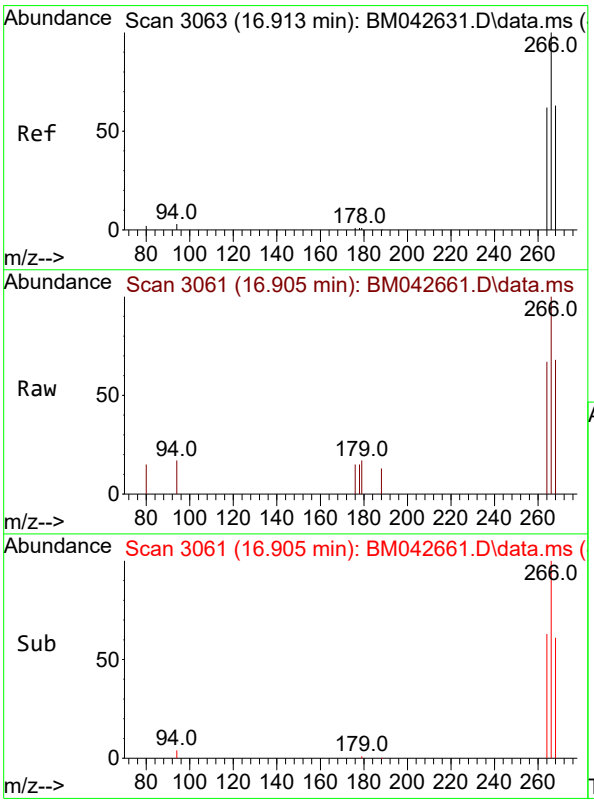
#12
Fluorene
Concen: 0.323 ng/ul
RT: 15.566 min Scan# 2
Delta R.T. -0.002 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 1869

Ion	Ratio	Lower	Upper
166	100		
165	102.1	81.2	121.8
167	17.9	11.9	17.9#

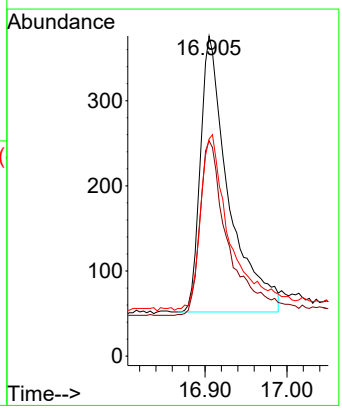


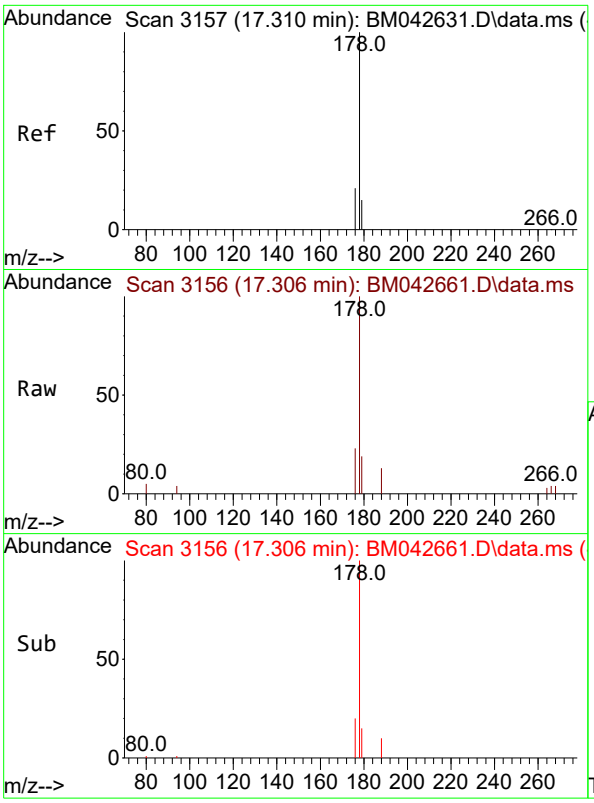


#14
Pentachlorophenol
Concen: 0.718 ng/ul
RT: 16.905 min Scan# 3061
Delta R.T. -0.006 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:266 Resp: 775

Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.4	75.6
268	66.3	54.8	82.2



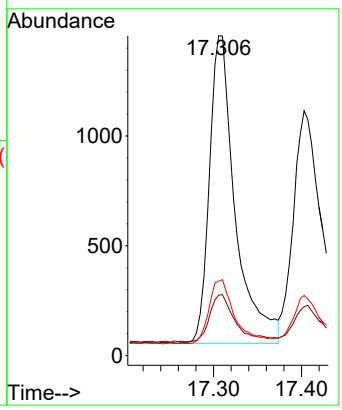


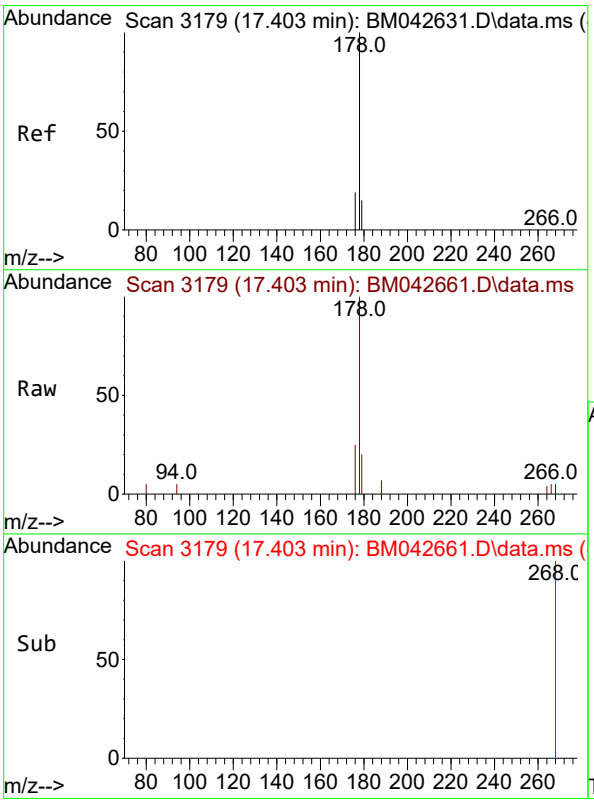
#15
Phenanthrene
Concen: 0.348 ng/ul
RT: 17.306 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2858

Ion	Ratio	Lower	Upper
178	100		
179	18.9	13.7	20.5
176	23.3	18.2	27.2

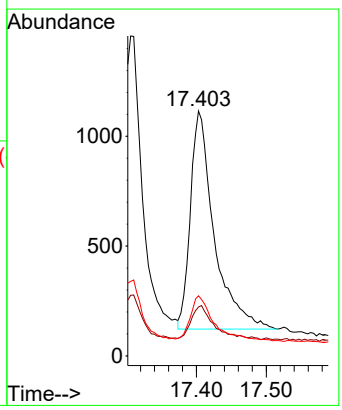


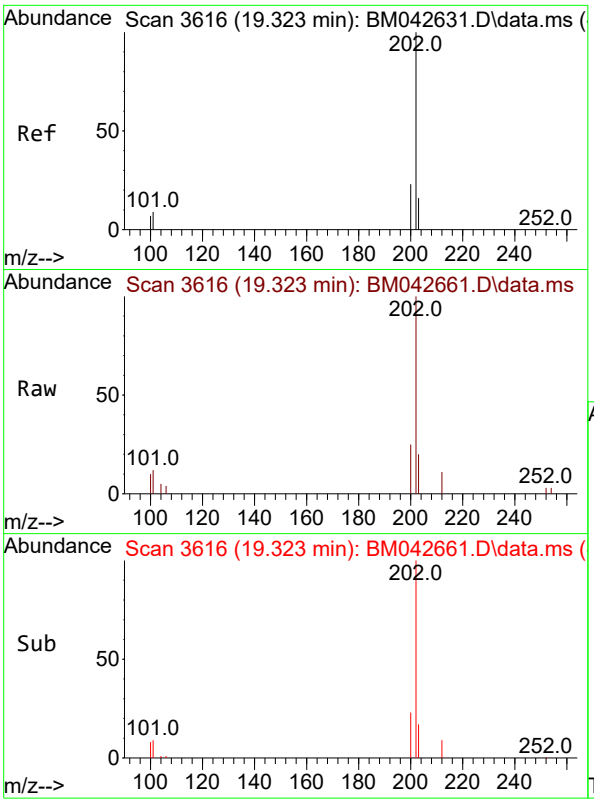


#16
Anthracene
Concen: 0.316 ng/ul
RT: 17.403 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:178 Resp: 2349

Ion	Ratio	Lower	Upper
178	100		
179	20.0	14.2	21.4
176	24.6	17.6	26.4



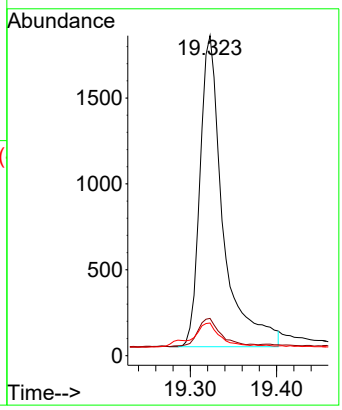


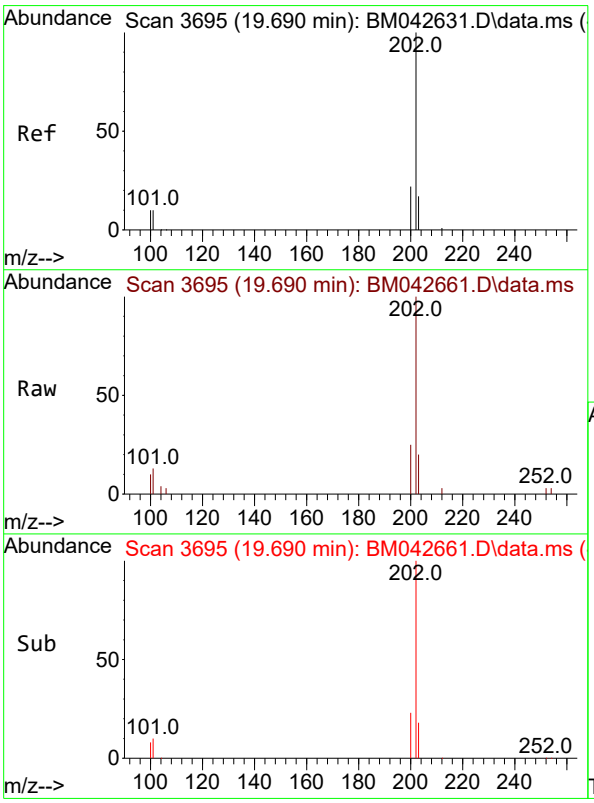
#19
Fluoranthene
Concen: 0.340 ng/ul
RT: 19.323 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3380

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.0	13.6
100	10.2	7.3	10.9

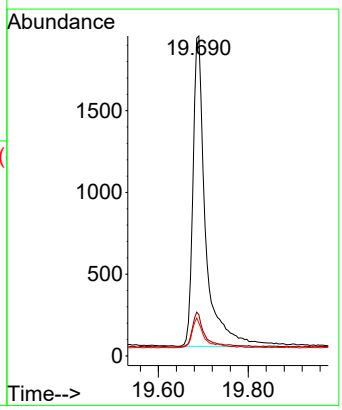


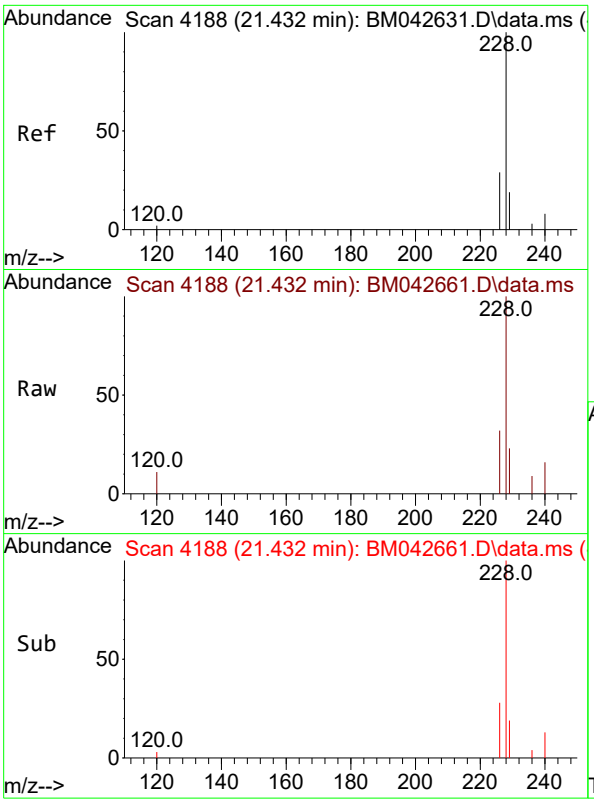


#20
Pyrene
Concen: 0.343 ng/ul
RT: 19.690 min Scan# 3695
Delta R.T. -0.006 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:202 Resp: 3750

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.6	16.0
100	10.3	8.6	13.0



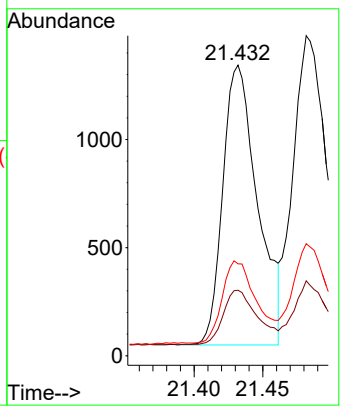


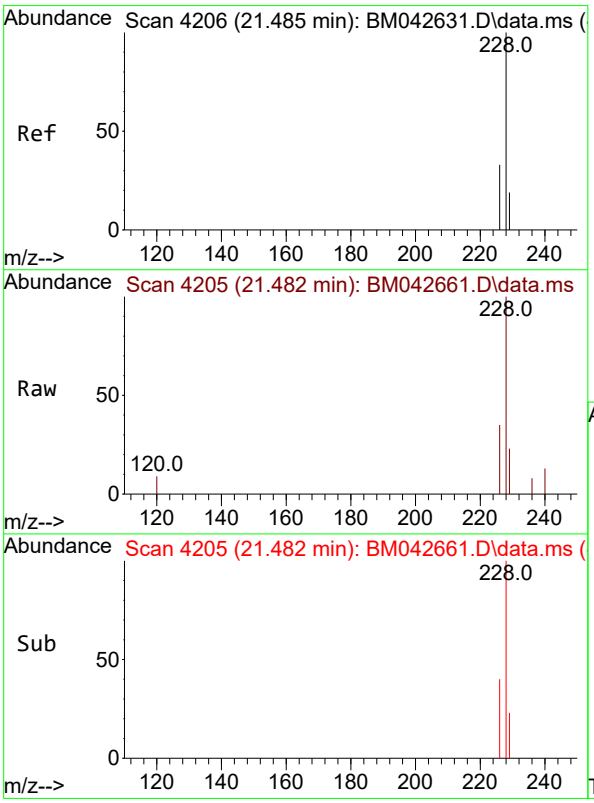
#21
Benzo(a)anthracene
Concen: 0.323 ng/ul
RT: 21.432 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2285

Ion	Ratio	Lower	Upper
228	100		
229	22.5	17.0	25.4
226	31.6	25.2	37.8

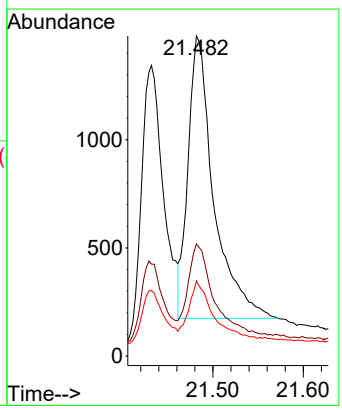


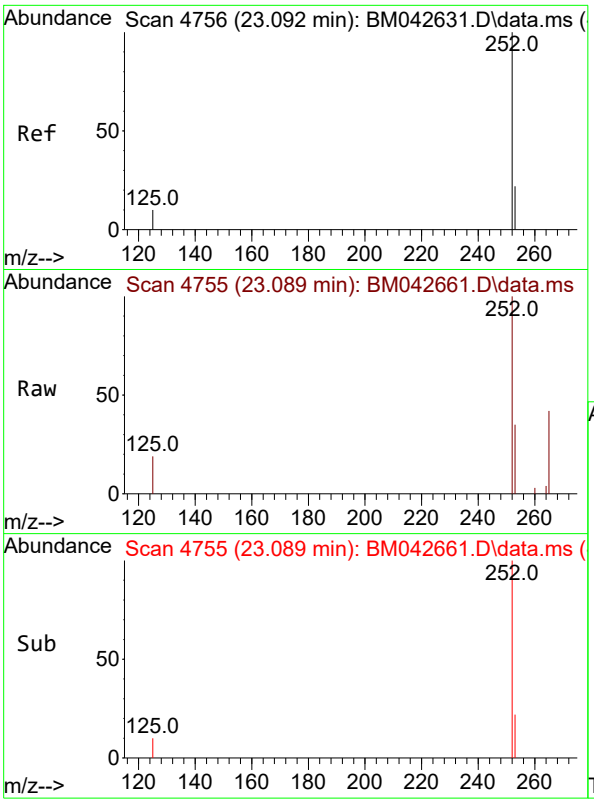


#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.482 min Scan# 4205
Delta R.T. -0.011 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:228 Resp: 2582

Ion	Ratio	Lower	Upper
228	100		
226	35.0	27.4	41.0
229	23.4	17.0	25.6



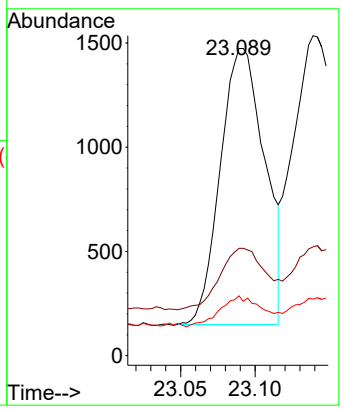


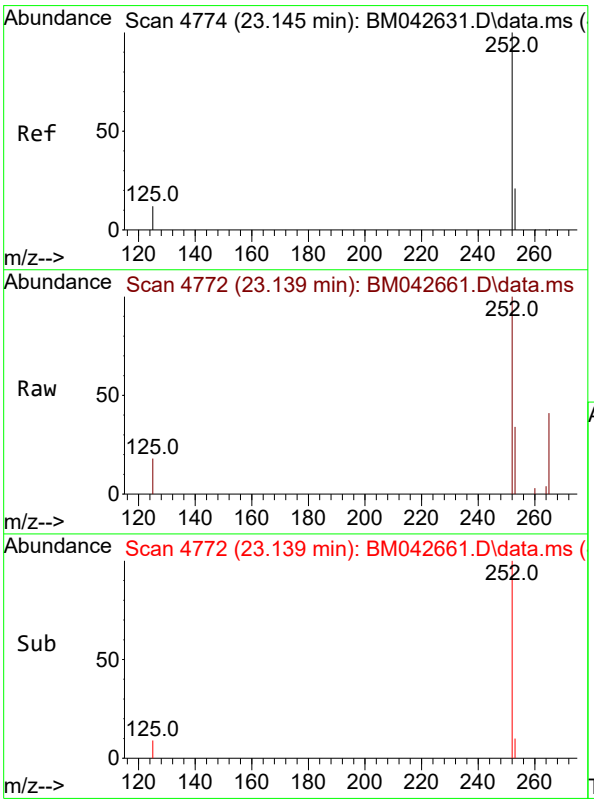
#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 23.089 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2734

Ion	Ratio	Lower	Upper
252	100		
253	34.9	0.0	65.8
125	19.5	0.0	43.6

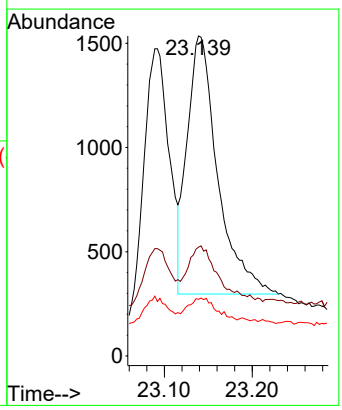


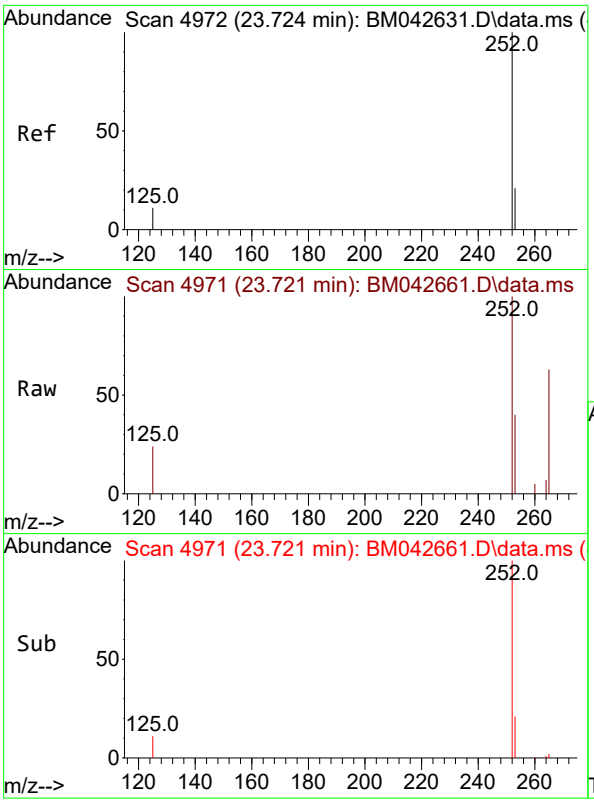


#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 23.139 min Scan# 4772
Delta R.T. -0.011 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:252 Resp: 3001

Ion	Ratio	Lower	Upper
252	100		
253	34.0	27.0	40.6
125	17.7	17.5	26.3



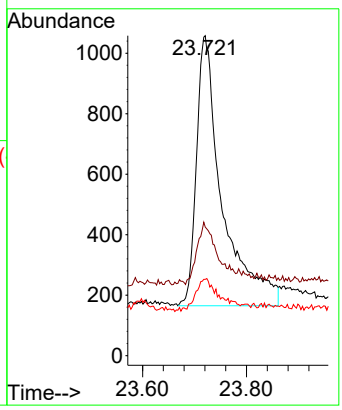


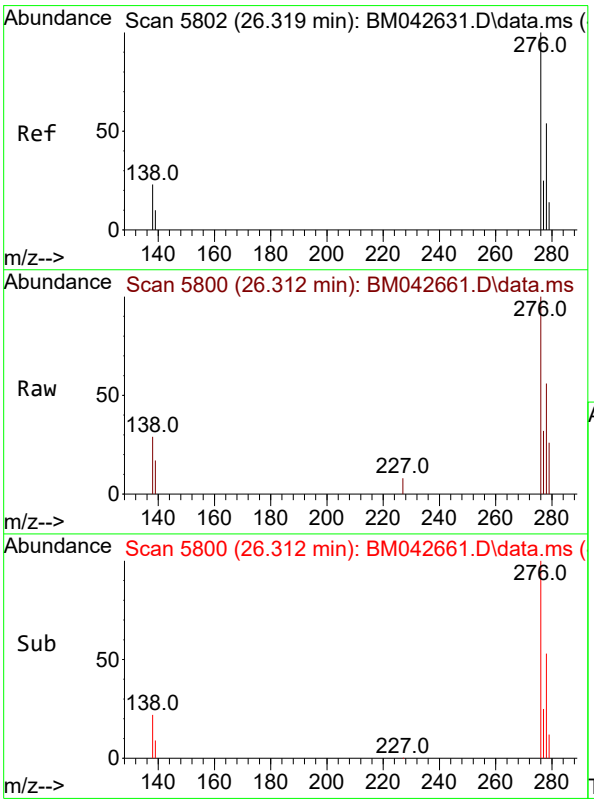
#26
Benzo(a)pyrene
Concen: 0.382 ng/ul
RT: 23.721 min Scan# 4
Delta R.T. -0.013 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3065

Ion	Ratio	Lower	Upper
252	100		
253	40.2	31.7	47.5
125	23.8	22.1	33.1

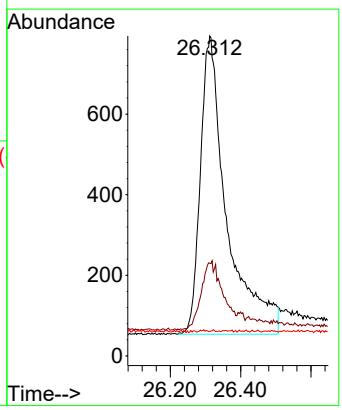


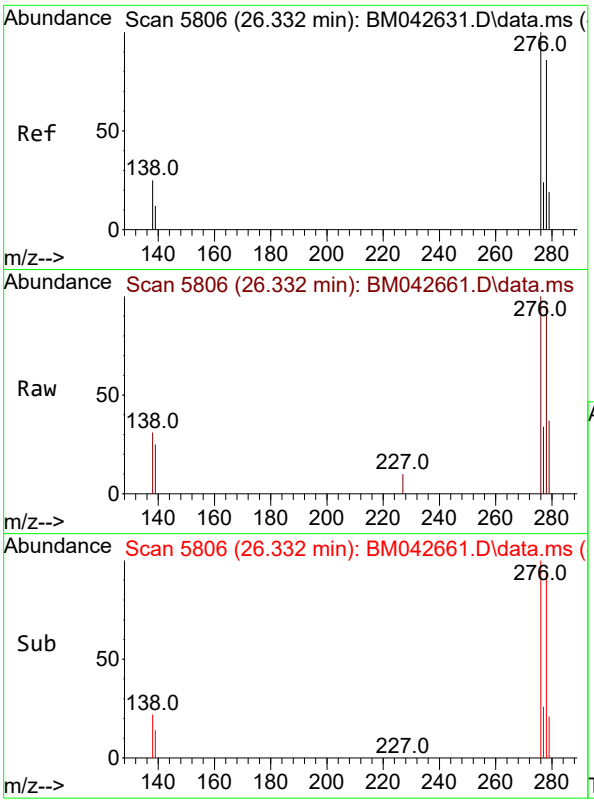


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 26.312 min Scan# 5800
Delta R.T. -0.016 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:276 Resp: 3857

Ion	Ratio	Lower	Upper
276	100		
138	19.3	20.7	31.1#
227	0.1	0.1	0.1



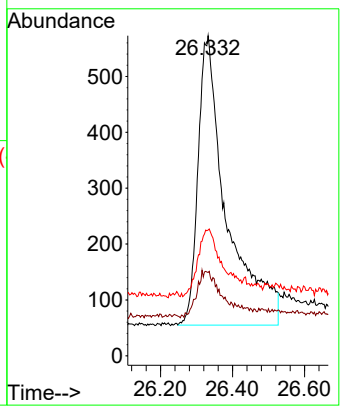


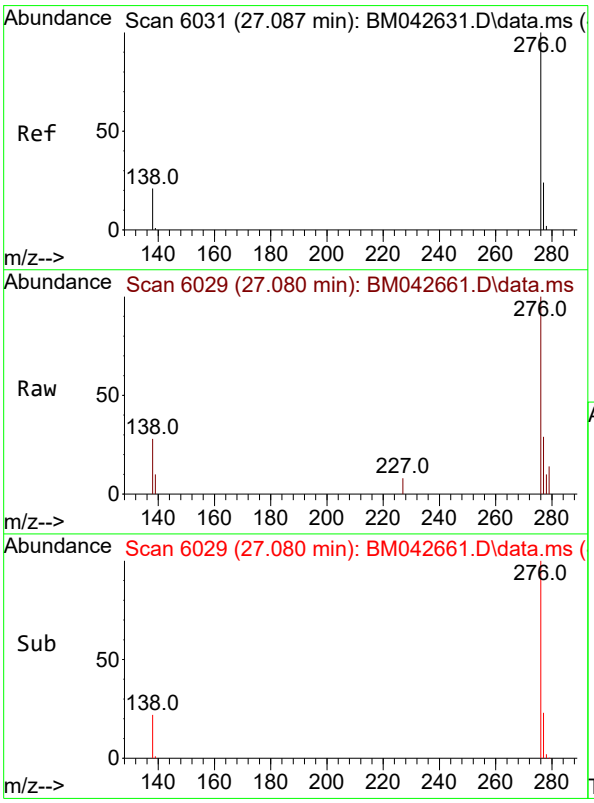
#28
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 26.332 min Scan# 5
Delta R.T. -0.016 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 2862

Ion	Ratio	Lower	Upper
278	100		
139	26.0	24.3	36.5
279	39.3	31.5	47.3





#29
Benzo(g,h,i)perylene
Concen: 0.367 ng/ul
RT: 27.080 min Scan# 6029
Delta R.T. -0.026 min
Lab File: BM042661.D
Acq: 08 Nov 2023 22:11

Tgt Ion:276 Resp: 3554

Ion	Ratio	Lower	Upper
276	100		
138	28.0	22.3	33.5
277	28.7	23.6	35.4