Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
Data File : BM042646.D
Acq On : 08 Nov 2023 13:10
Operator : MA/JU
Sample : PB156695BS
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 08 22:54:22 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	7.868	152	794	0.400	ng/ul	0.00
4) Naphthalene-d8	10.677	136	1889	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.510	164	1041	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.267	188	2023	0.400	ng/ul	0.00
17) Chrysene-d12	21.450	240	1536	0.400	ng/ul	0.00
23) Perylene-d12	23.829	264	1892	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	963	0.918	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.266	152	1029	0.390	ng/ul	0.00
18) Fluoranthene-d10	19.294	212	2178	0.410	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.235	88	2944	2.361	ng/ul#	58
5) Naphthalene	10.726	128	2467	0.404	ng/ul	97
7) 2-Methylnaphthalene	12.343	142	1496	0.382	ng/ul	94
8) 1-Methylnaphthalene	12.557	142	1477	0.372	ng/ul	100
10) Acenaphthylene	14.242	152	2775	0.390	ng/ul	97
11) Acenaphthene	14.575	153	1948	0.403	ng/ul	99
12) Fluorene	15.565	166	2195	0.396	ng/ul	99
14) Pentachlorophenol	16.908	266	938	0.909	ng/ul	95
15) Phenanthrene	17.309	178	3207	0.409	ng/ul	98
16) Anthracene	17.406	178	2847	0.401	ng/ul	97
19) Fluoranthene	19.321	202	3772	0.393	ng/ul	99
20) Pyrene	19.689	202	4143	0.393	ng/ul	98
21) Benzo(a)anthracene	21.432	228	2578	0.377	ng/ul	97
22) Chrysene	21.485	228	2949	0.417	ng/ul	98
24) Benzo(b)fluoranthene	23.092	252	3204	0.419	ng/ul	96
25) Benzo(k)fluoranthene	23.142	252	3385	0.423	ng/ul	96
26) Benzo(a)pyrene	23.724	252	3405	0.430	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.312	276	4406	0.428	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.333	278	3215	0.438	ng/ul	97
29) Benzo(g,h,i)perylene	27.084	276	4066	0.425	ng/ul	98

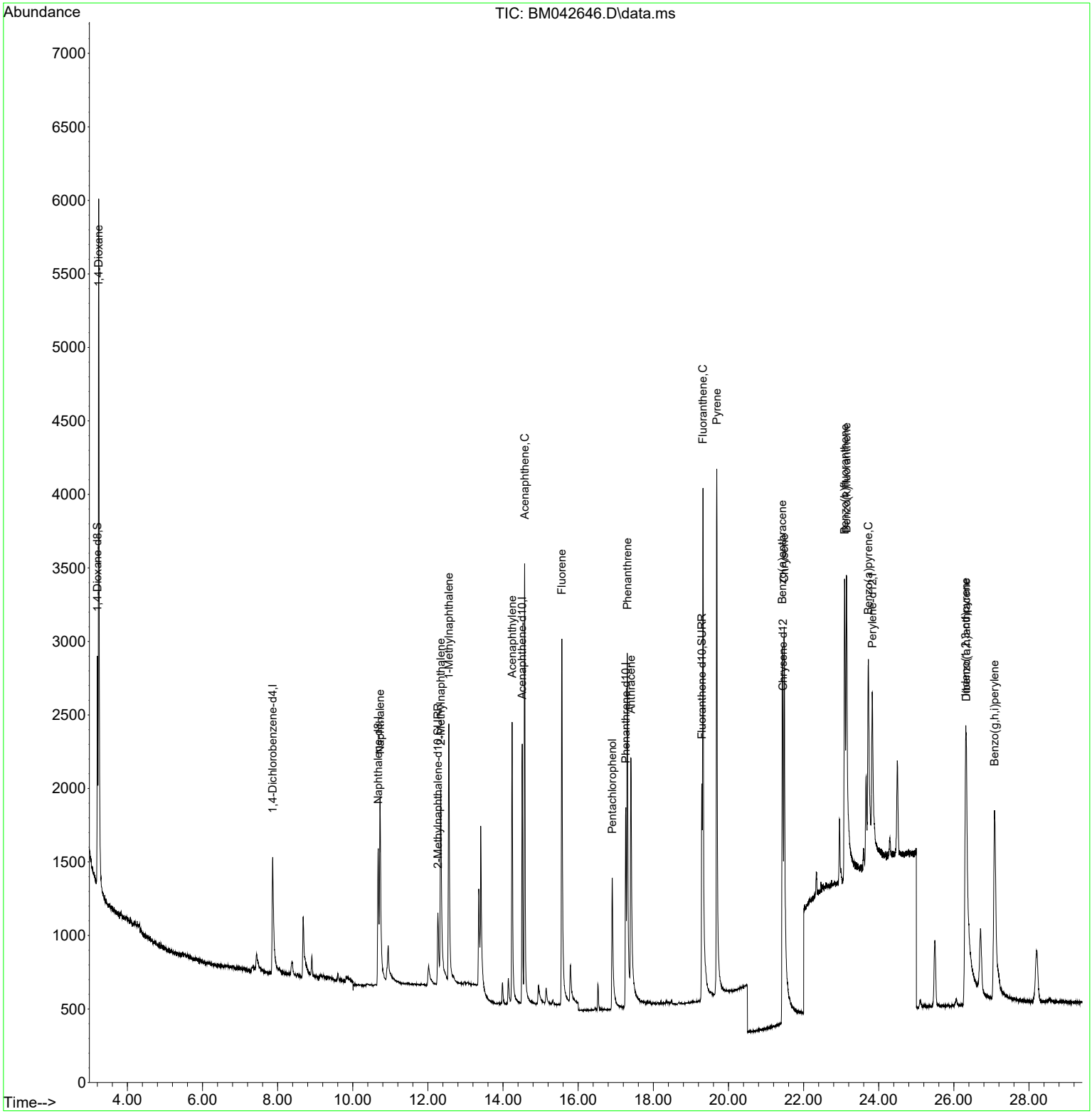
(#) = qualifier out of range (m) = manual integration (+) = signals summed

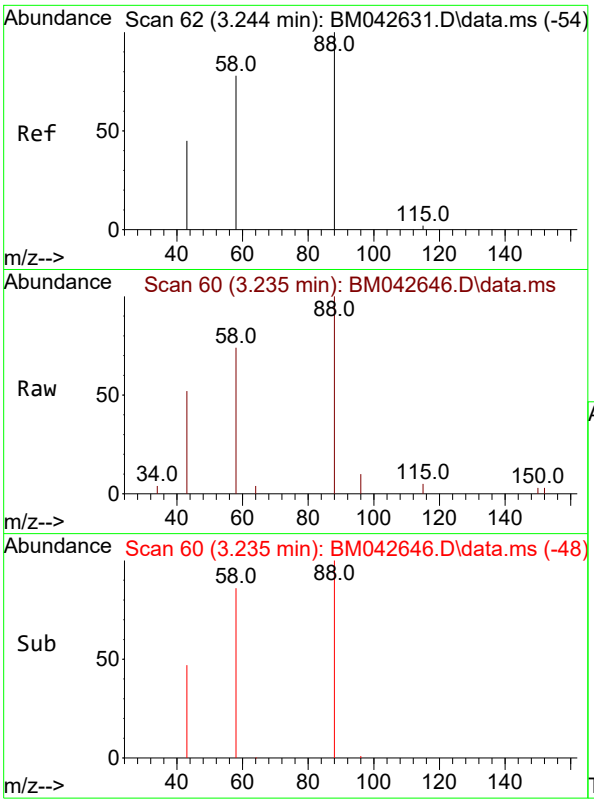
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
Data File : BM042646.D
Acq On : 08 Nov 2023 13:10
Operator : MA/JU
Sample : PB156695BS
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 08 22:54:22 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



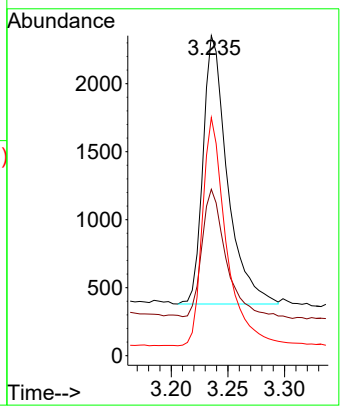


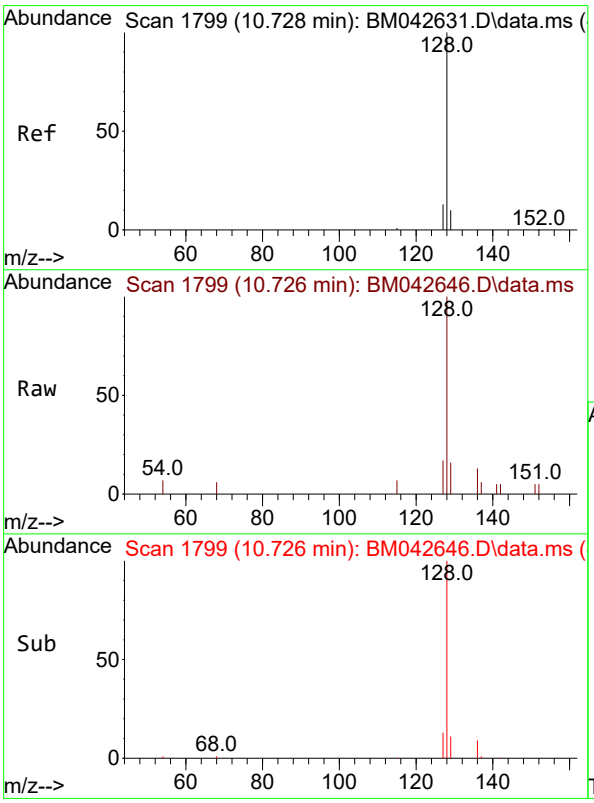
#2
1,4-Dioxane
Concen: 2.361 ng/ul
RT: 3.235 min Scan# 6
Delta R.T. -0.011 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 2944

Ion	Ratio	Lower	Upper
88	100		
43	52.0	77.5	116.3#
58	74.4	40.9	61.3#

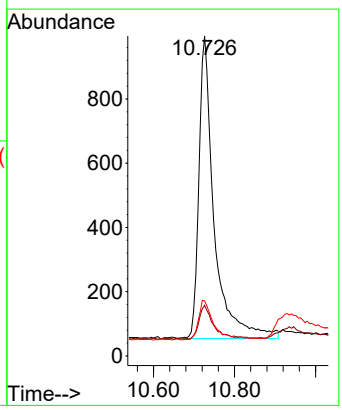


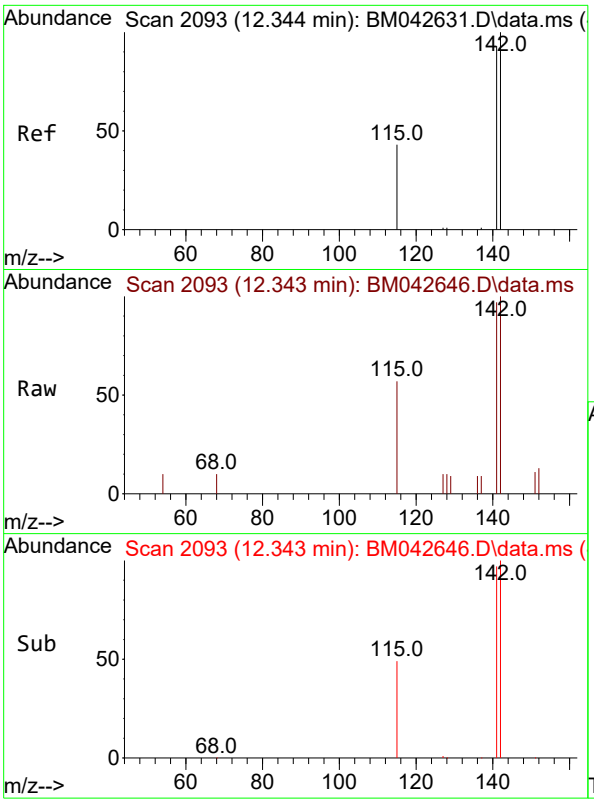


#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.726 min Scan# 1799
Delta R.T. -0.009 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion:128 Resp: 2467

Ion	Ratio	Lower	Upper
128	100		
129	15.9	11.3	16.9
127	17.2	13.0	19.4



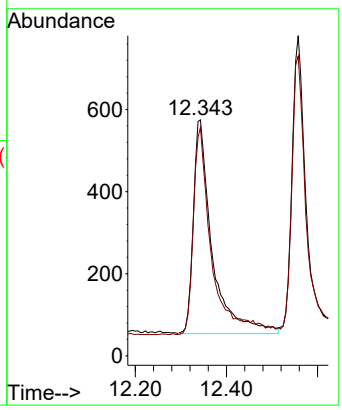


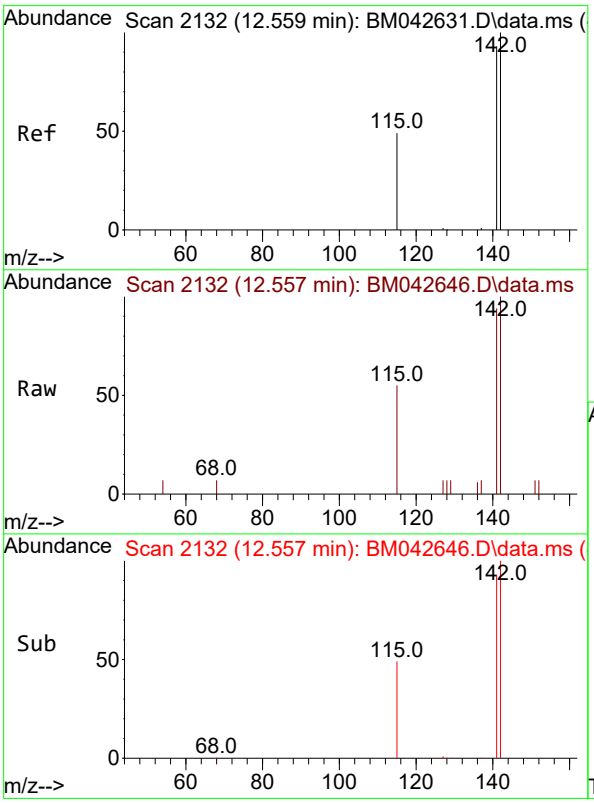
#7
2-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.343 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1496

Ion	Ratio	Lower	Upper
142	100		
141	95.3	71.7	107.5

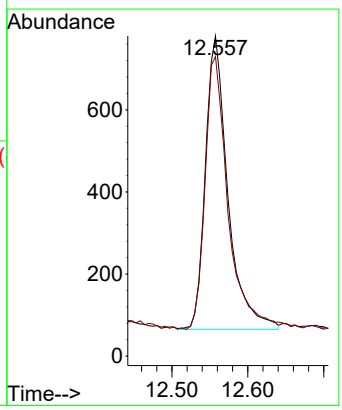


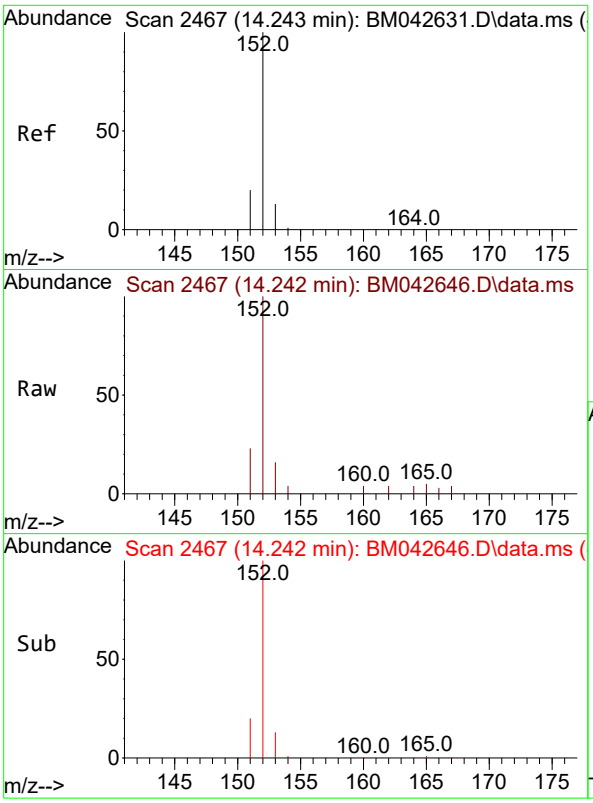


#8
1-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.557 min Scan# 2132
Delta R.T. -0.009 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion:142 Resp: 1477

Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.4	113.2



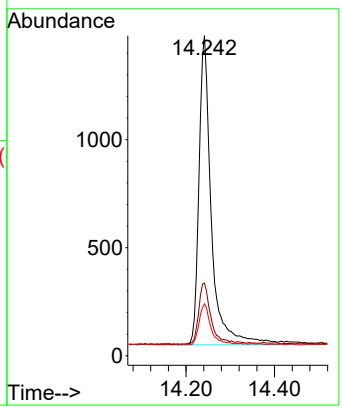


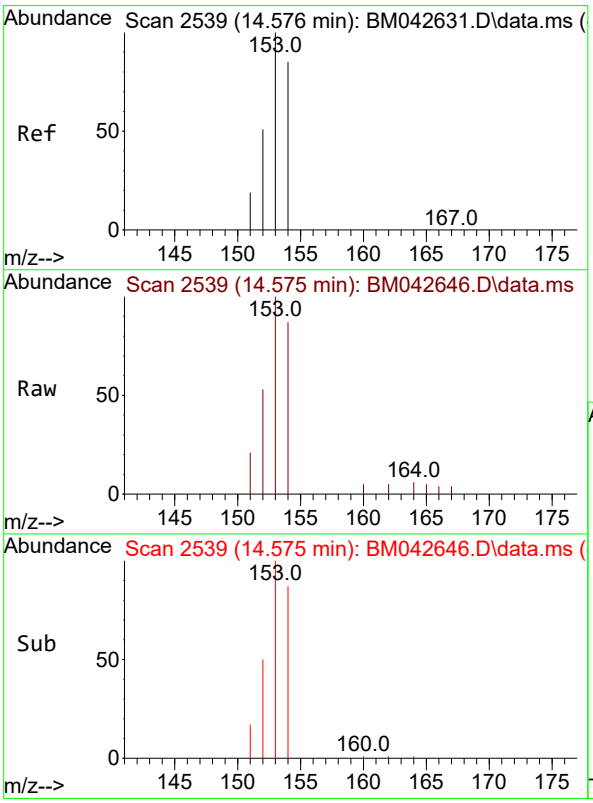
#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.242 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 2775

Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.2	25.8
153	16.2	11.8	17.8

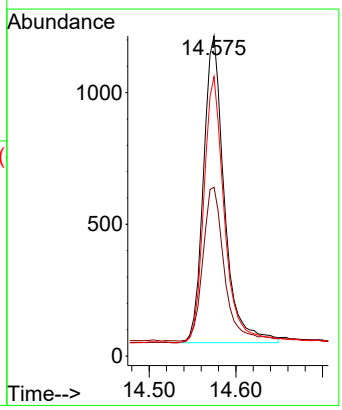


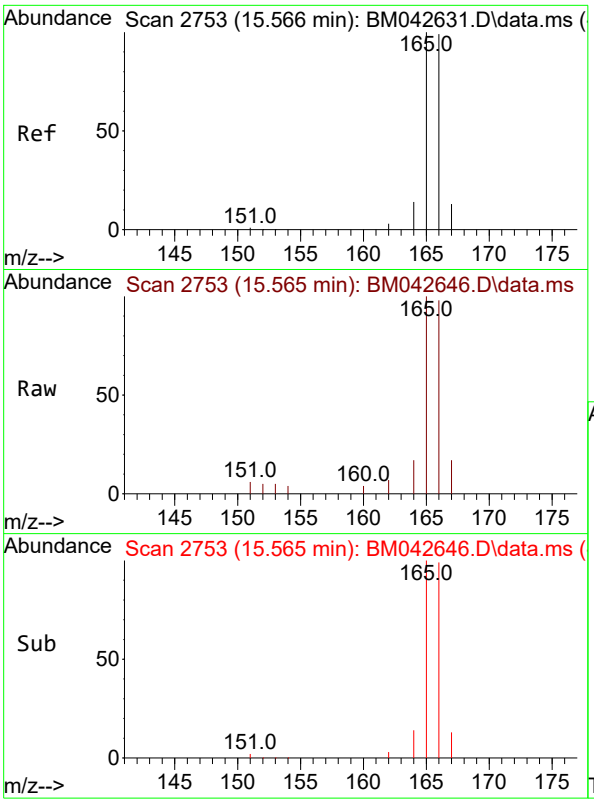


#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.575 min Scan# 2539
Delta R.T. -0.003 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion:153 Resp: 1948

Ion	Ratio	Lower	Upper
153	100		
152	52.8	41.8	62.6
154	87.3	69.2	103.8



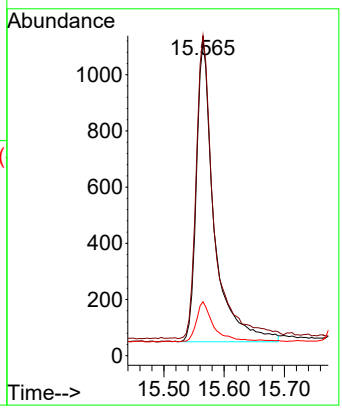


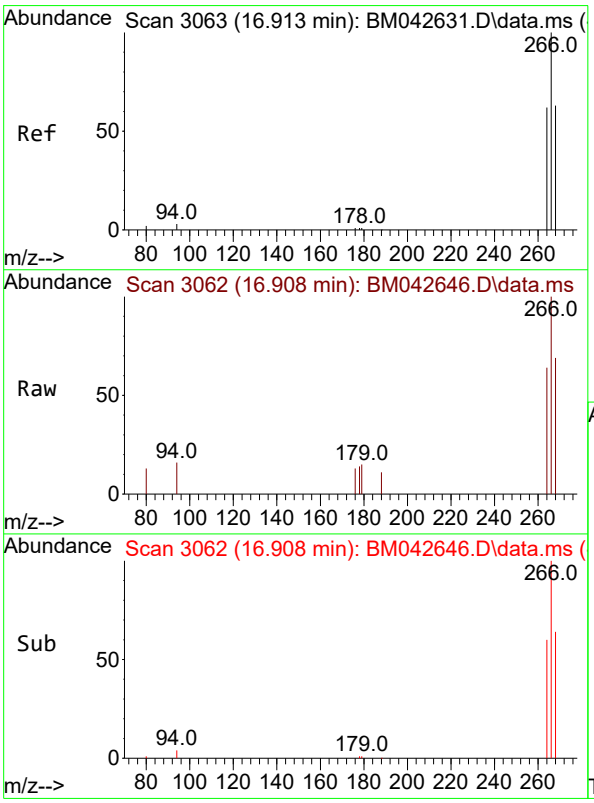
#12
Fluorene
Concen: 0.396 ng/ul
RT: 15.565 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 2195

Ion	Ratio	Lower	Upper
166	100		
165	102.0	81.2	121.8
167	17.2	11.9	17.9

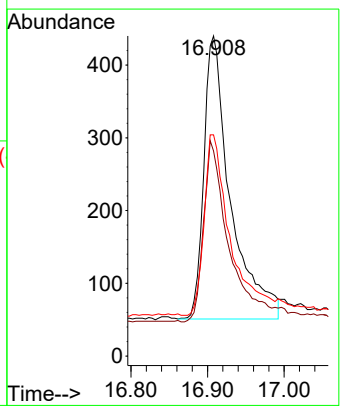


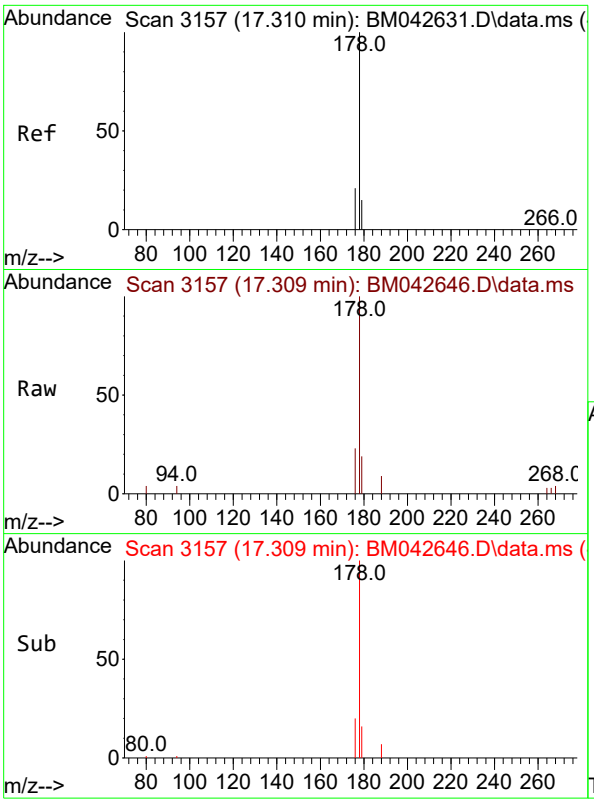


#14
Pentachlorophenol
Concen: 0.909 ng/ul
RT: 16.908 min Scan# 3062
Delta R.T. -0.003 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion:266 Resp: 938

Ion	Ratio	Lower	Upper
266	100		
264	61.4	50.4	75.6
268	62.9	54.8	82.2



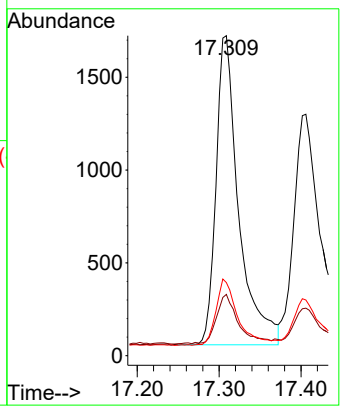


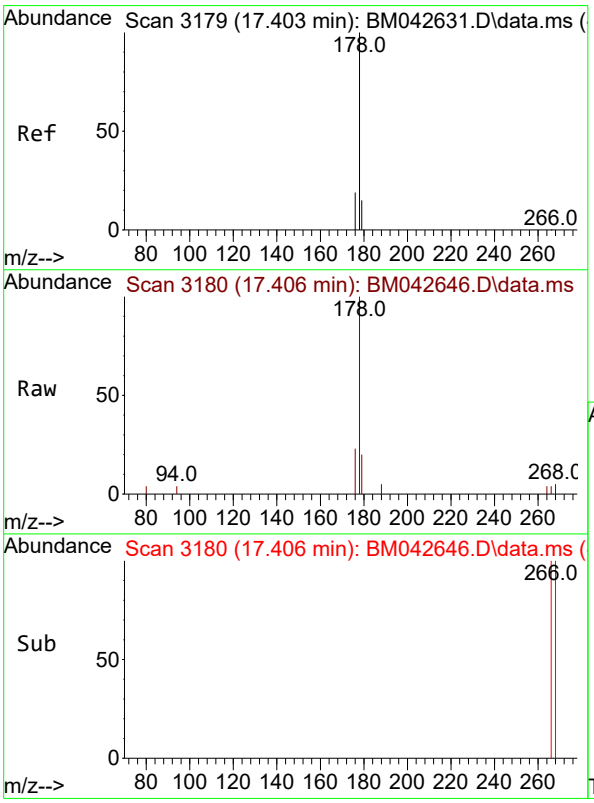
#15
Phenanthrene
Concen: 0.409 ng/ul
RT: 17.309 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3207

Ion	Ratio	Lower	Upper
178	100		
179	19.1	13.7	20.5
176	22.9	18.2	27.2

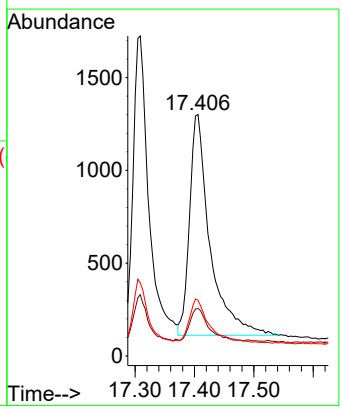


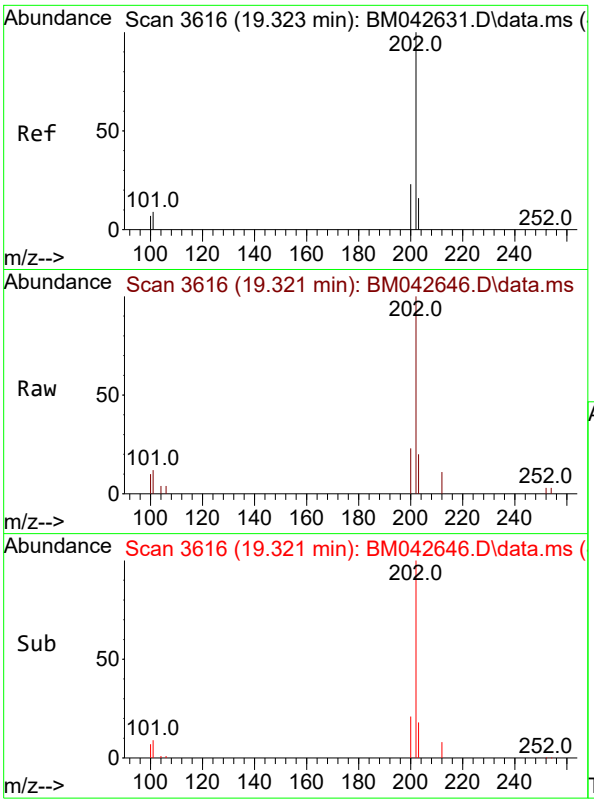


#16
Anthracene
Concen: 0.401 ng/ul
RT: 17.406 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion:178 Resp: 2847

Ion	Ratio	Lower	Upper
178	100		
179	19.7	14.2	21.4
176	23.1	17.6	26.4



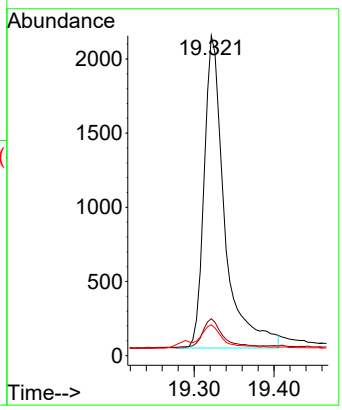


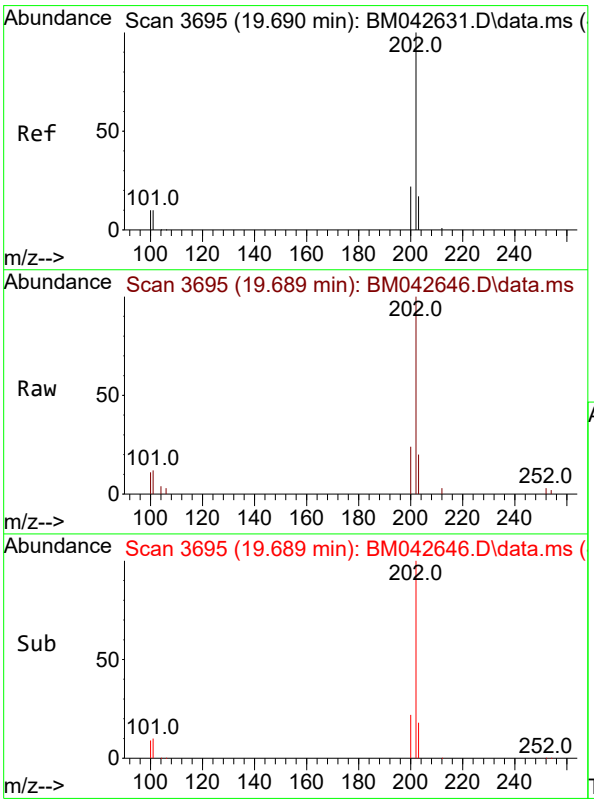
#19
Fluoranthene
Concen: 0.393 ng/ul
RT: 19.321 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3772

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.0	13.6
100	9.6	7.3	10.9

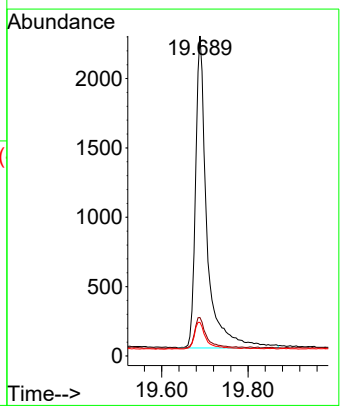


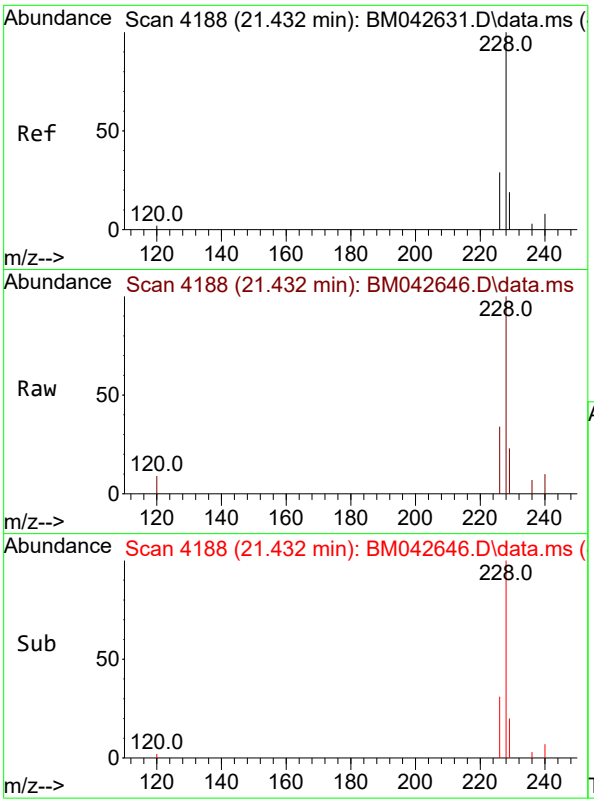


#20
Pyrene
Concen: 0.393 ng/ul
RT: 19.689 min Scan# 3695
Delta R.T. -0.008 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion:202 Resp: 4143

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.6	16.0
100	10.5	8.6	13.0



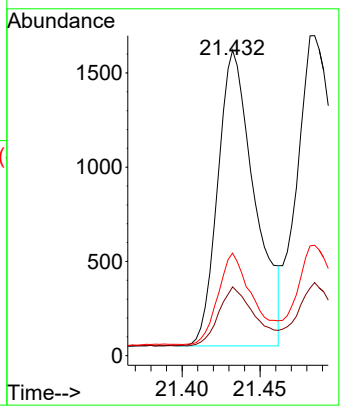


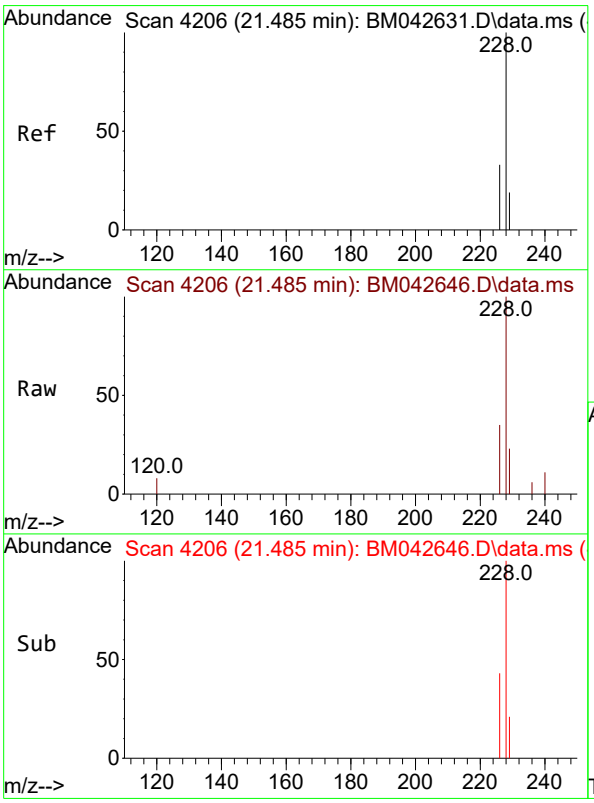
#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.432 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2578

Ion	Ratio	Lower	Upper
228	100		
229	22.5	17.0	25.4
226	33.6	25.2	37.8

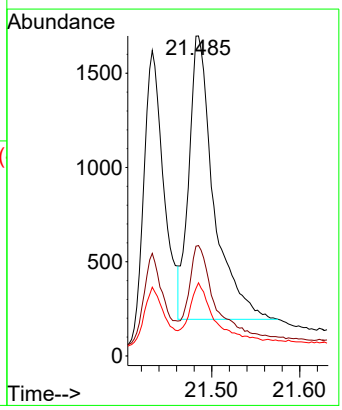


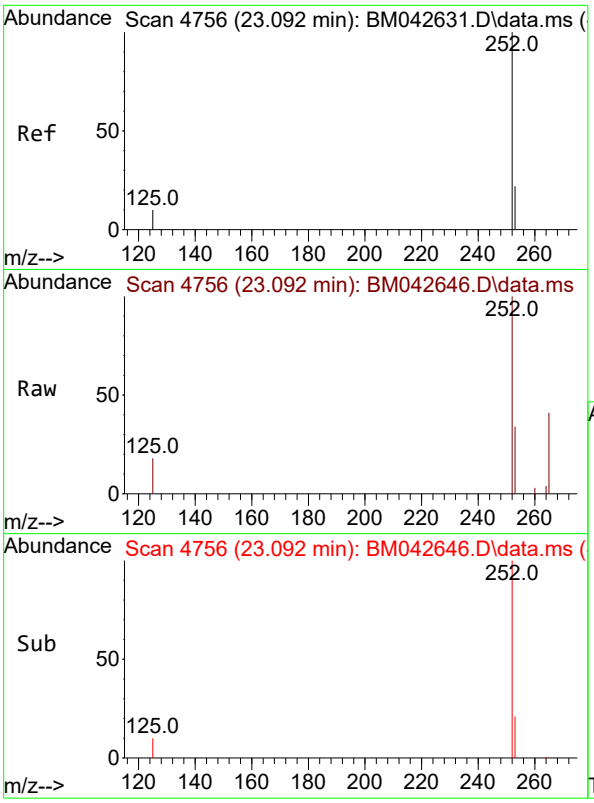


#22
Chrysene
Concen: 0.417 ng/ul
RT: 21.485 min Scan# 4206
Delta R.T. -0.007 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion:228 Resp: 2949

Ion	Ratio	Lower	Upper
228	100		
226	34.5	27.4	41.0
229	22.9	17.0	25.6



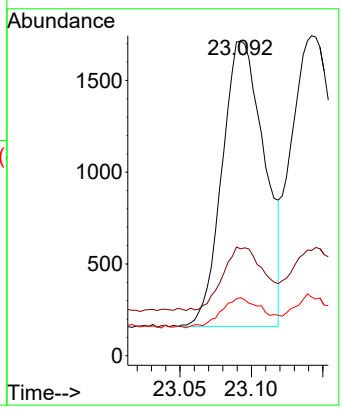


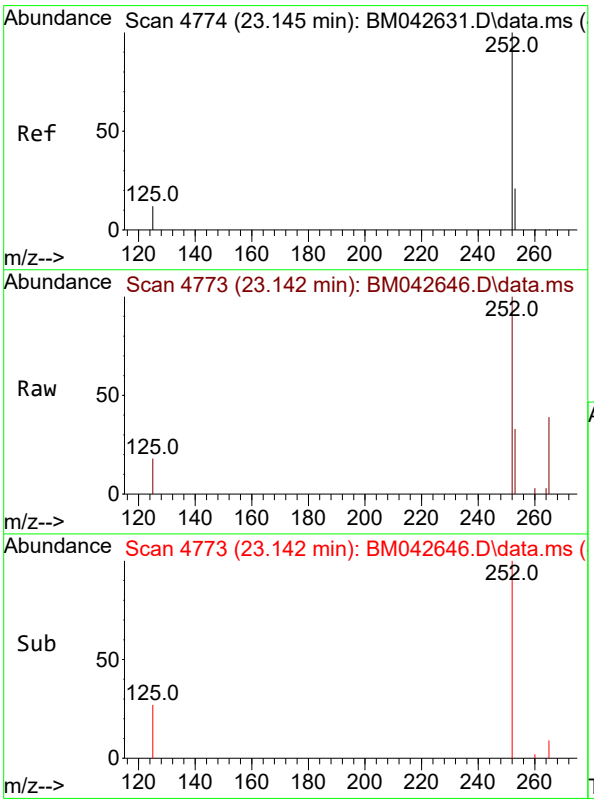
#24
Benzo(b)fluoranthene
Concen: 0.419 ng/ul
RT: 23.092 min Scan# 4
Delta R.T. -0.007 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3204

Ion	Ratio	Lower	Upper
252	100		
253	34.0	0.0	65.8
125	18.4	0.0	43.6

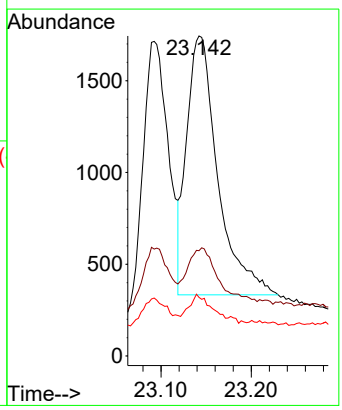


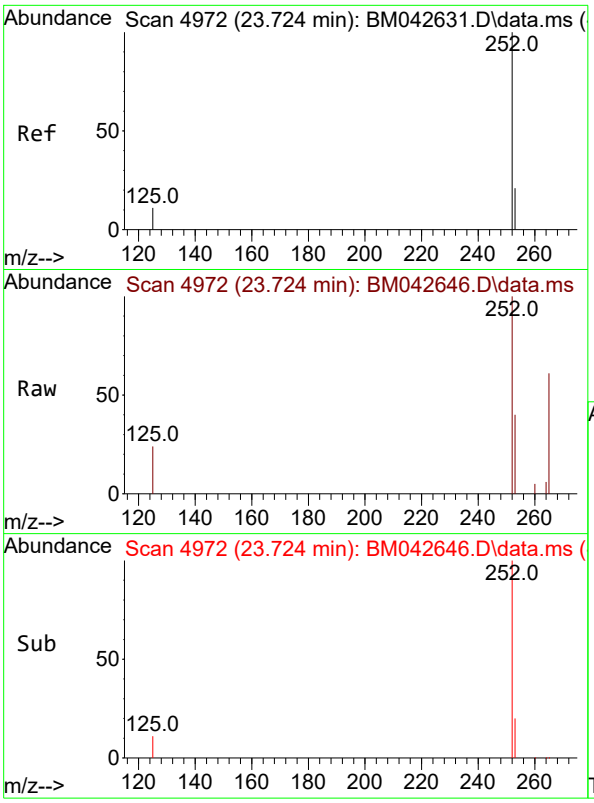


#25
Benzo(k)fluoranthene
Concen: 0.423 ng/ul
RT: 23.142 min Scan# 4773
Delta R.T. -0.007 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion:252 Resp: 3385

Ion	Ratio	Lower	Upper
252	100		
253	32.9	27.0	40.6
125	18.3	17.5	26.3



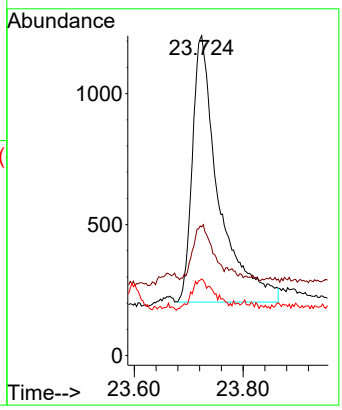


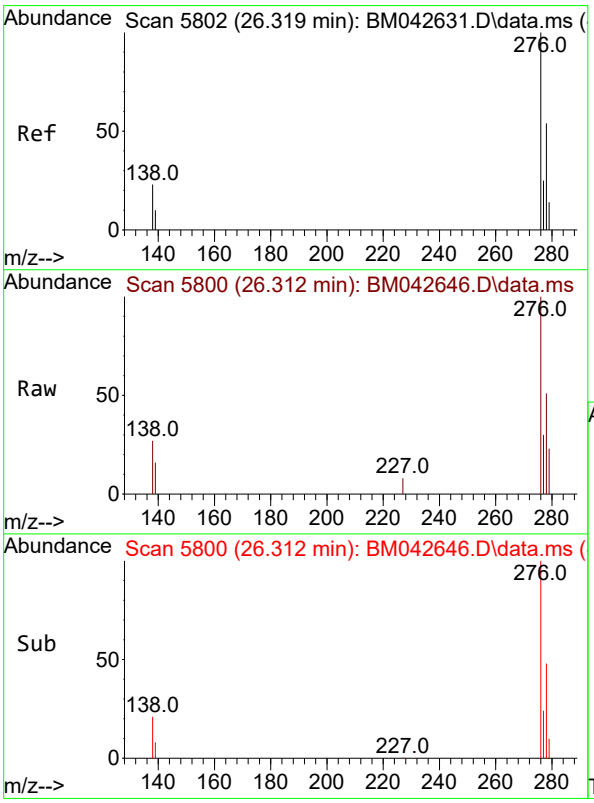
#26
Benzo(a)pyrene
Concen: 0.430 ng/ul
RT: 23.724 min Scan# 4
Delta R.T. -0.010 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3405

Ion	Ratio	Lower	Upper
252	100		
253	40.2	31.7	47.5
125	23.9	22.1	33.1

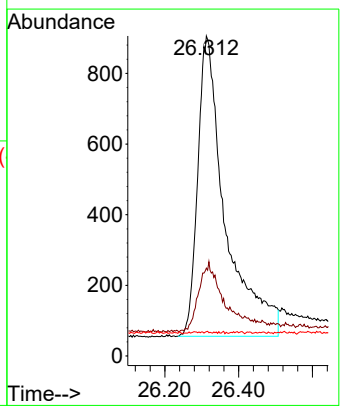


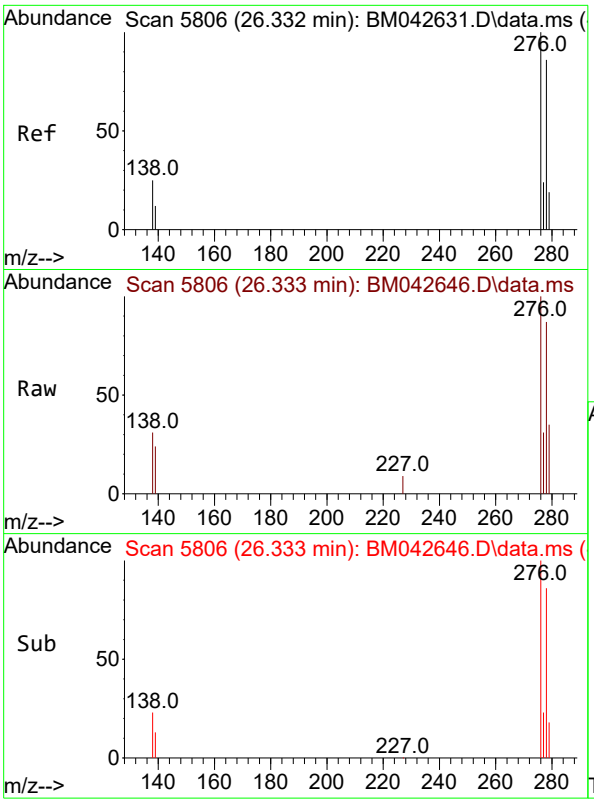


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng/ul
RT: 26.312 min Scan# 5800
Delta R.T. -0.015 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion:276 Resp: 4406

Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.7	31.1
227	0.1	0.1	0.1#



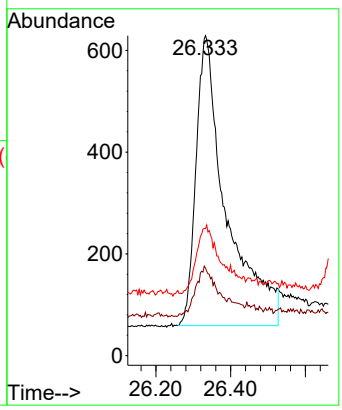


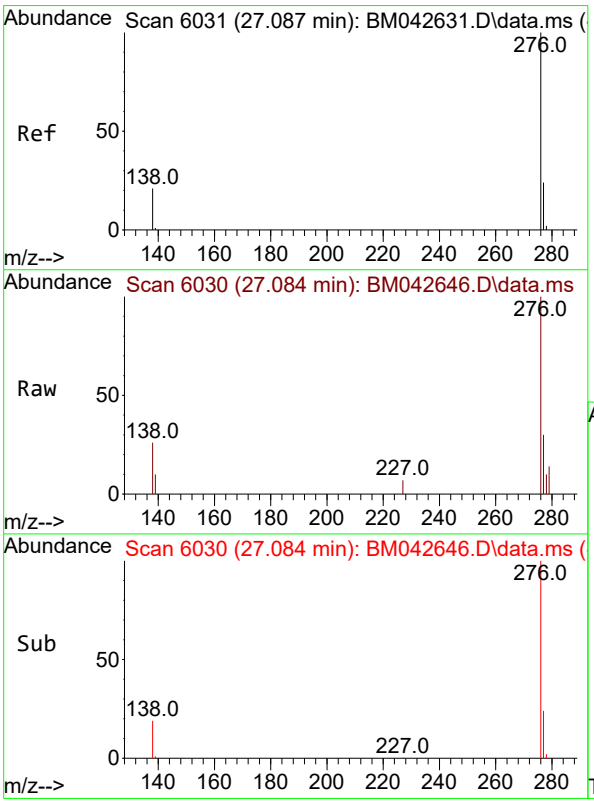
#28
Dibenzo(a,h)anthracene
Concen: 0.438 ng/ul
RT: 26.333 min Scan# 5
Delta R.T. -0.015 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 3215

Ion	Ratio	Lower	Upper
278	100		
139	27.3	24.3	36.5
279	39.7	31.5	47.3





#29
Benzo(g,h,i)perylene
Concen: 0.425 ng/ul
RT: 27.084 min Scan# 6030
Delta R.T. -0.022 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion:276 Resp: 4066

Ion	Ratio	Lower	Upper
276	100		
138	26.0	22.3	33.5
277	29.9	23.6	35.4