Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
Data File : BM042647.D
Acq On : 08 Nov 2023 13:46
Operator : MA/JU
Sample : PB156699BS
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 08 22:54:33 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	863	0.400	ng/ul	0.00
4) Naphthalene-d8	10.678	136	1964	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	1075	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.268	188	2066	0.400	ng/ul	0.00
17) Chrysene-d12	21.450	240	1580	0.400	ng/ul	0.00
23) Perylene-d12	23.832	264	1889	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	999	0.876	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	1074	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	2251	0.411	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.235	88	3227	2.381	ng/ul#	58
5) Naphthalene	10.728	128	2653	0.418	ng/ul	98
7) 2-Methylnaphthalene	12.344	142	1575	0.387	ng/ul	94
8) 1-Methylnaphthalene	12.559	142	1553	0.377	ng/ul	98
10) Acenaphthylene	14.243	152	2936	0.399	ng/ul	98
11) Acenaphthene	14.576	153	2074	0.416	ng/ul	99
12) Fluorene	15.566	166	2312	0.404	ng/ul	99
14) Pentachlorophenol	16.905	266	946	0.898	ng/ul	96
15) Phenanthrene	17.306	178	3328	0.415	ng/ul	98
16) Anthracene	17.403	178	2887	0.398	ng/ul	96
19) Fluoranthene	19.323	202	3899	0.395	ng/ul	98
20) Pyrene	19.690	202	4282	0.394	ng/ul	97
21) Benzo(a)anthracene	21.432	228	2713	0.386	ng/ul	98
22) Chrysene	21.485	228	3125	0.430	ng/ul	99
24) Benzo(b)fluoranthene	23.095	252	3279	0.430	ng/ul	93
25) Benzo(k)fluoranthene	23.142	252	3513	0.439	ng/ul#	94
26) Benzo(a)pyrene	23.724	252	3661	0.463	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.315	276	4546	0.443	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.332	278	3289	0.449	ng/ul	95
29) Benzo(g,h,i)perylene	27.087	276	4184	0.438	ng/ul	98

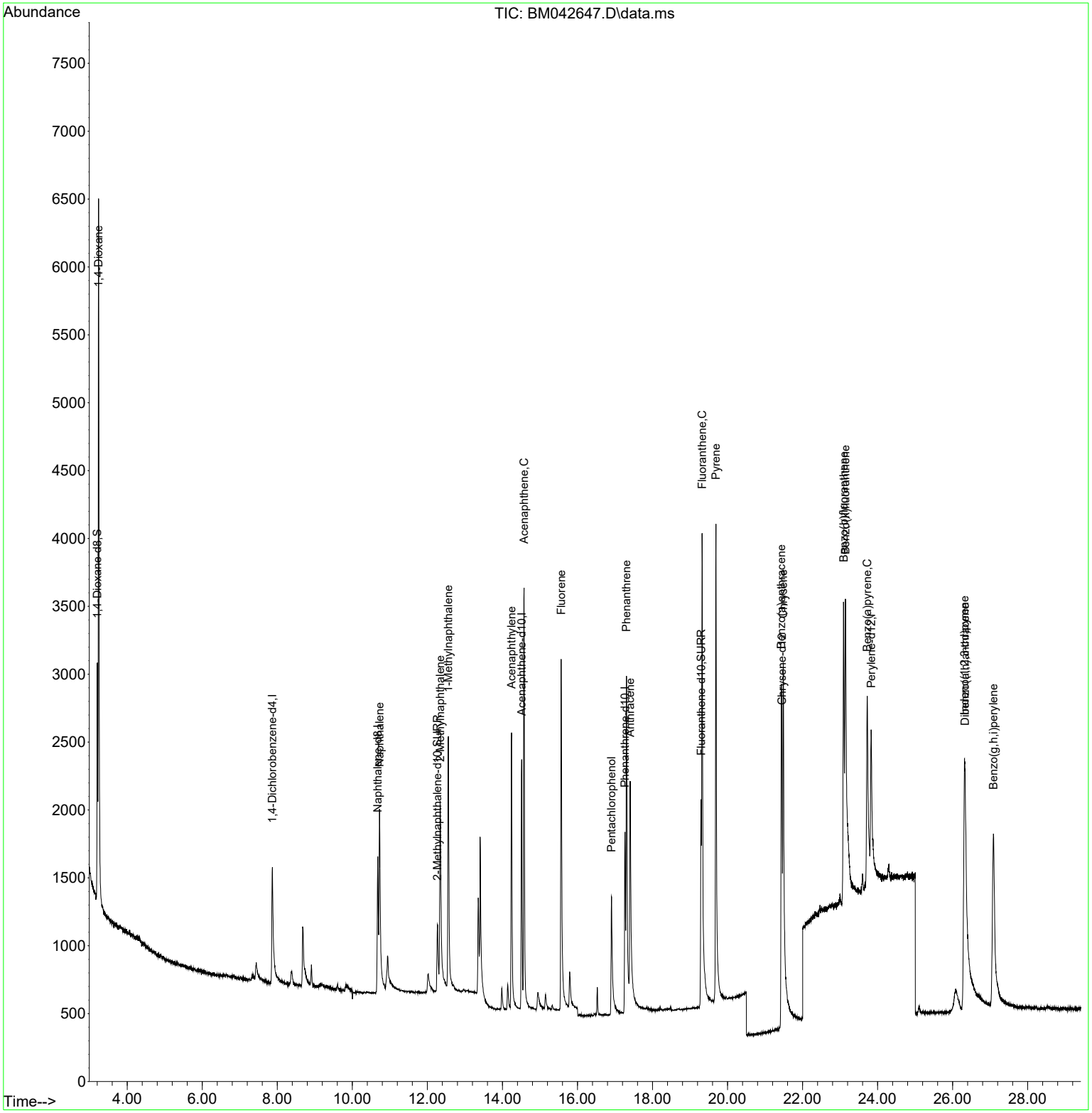
(#) = qualifier out of range (m) = manual integration (+) = signals summed

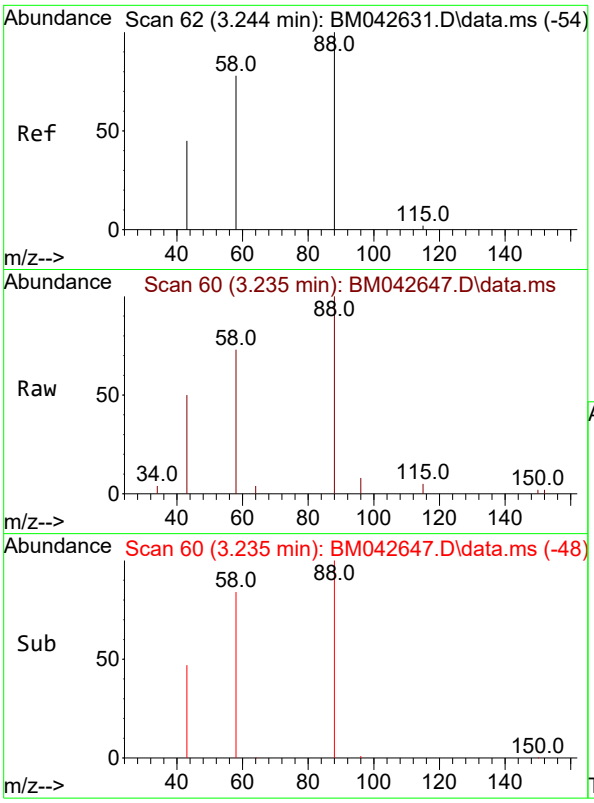
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
Data File : BM042647.D
Acq On : 08 Nov 2023 13:46
Operator : MA/JU
Sample : PB156699BS
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 08 22:54:33 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



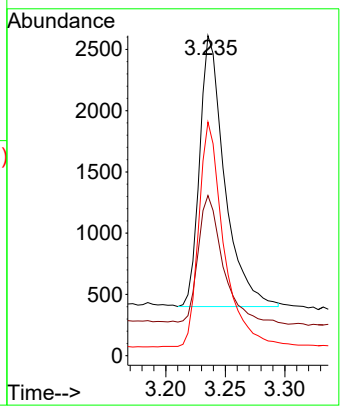


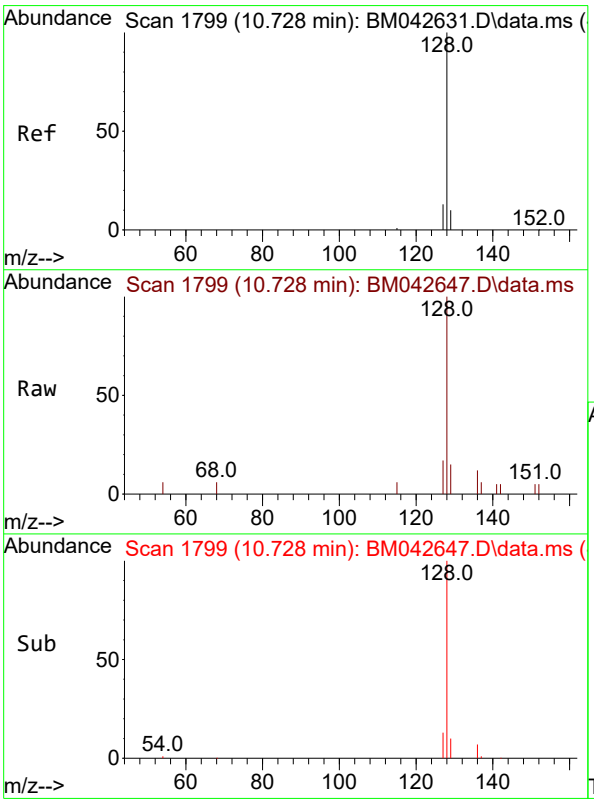
#2
1,4-Dioxane
Concen: 2.381 ng/ul
RT: 3.235 min Scan# 6
Delta R.T. -0.011 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 3227

Ion	Ratio	Lower	Upper
88	100		
43	50.0	77.5	116.3#
58	73.0	40.9	61.3#

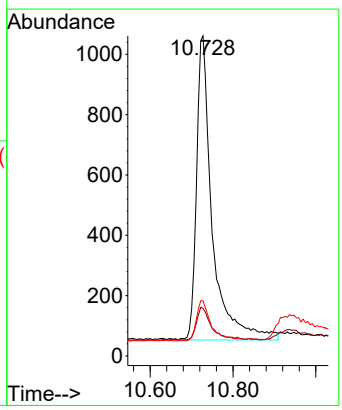


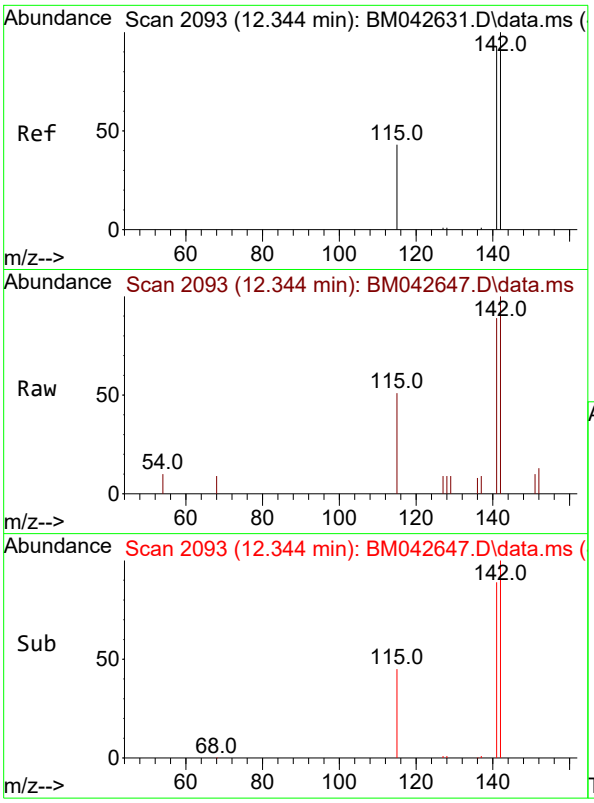


#5
Naphthalene
Concen: 0.418 ng/ul
RT: 10.728 min Scan# 1799
Delta R.T. -0.008 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion:128 Resp: 2653

Ion	Ratio	Lower	Upper
128	100		
129	14.9	11.3	16.9
127	17.2	13.0	19.4



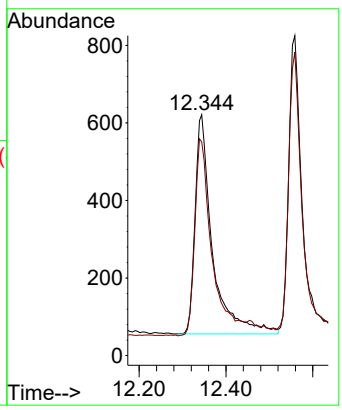


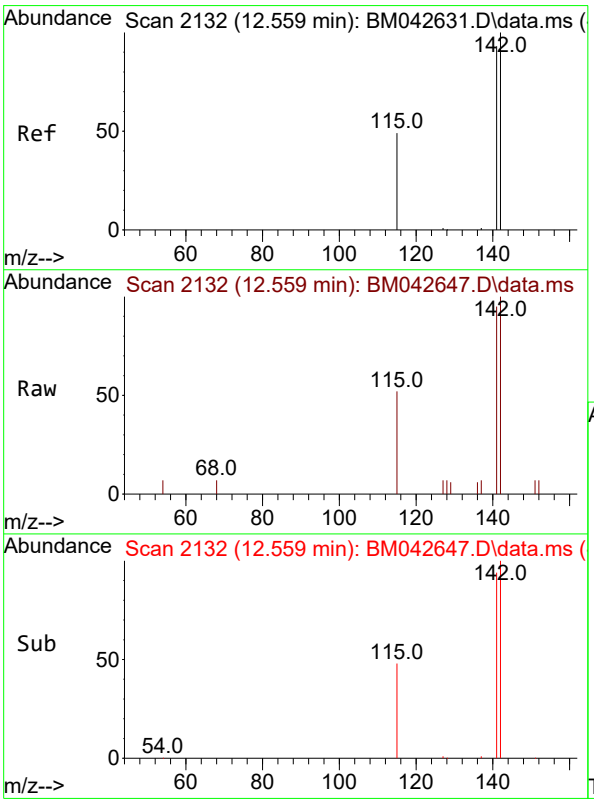
#7
2-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.344 min Scan# 2
Delta R.T. -0.002 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1575

Ion	Ratio	Lower	Upper
142	100		
141	95.2	71.7	107.5

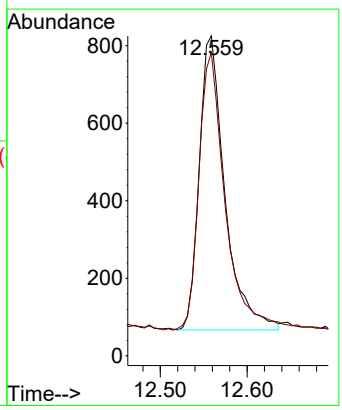


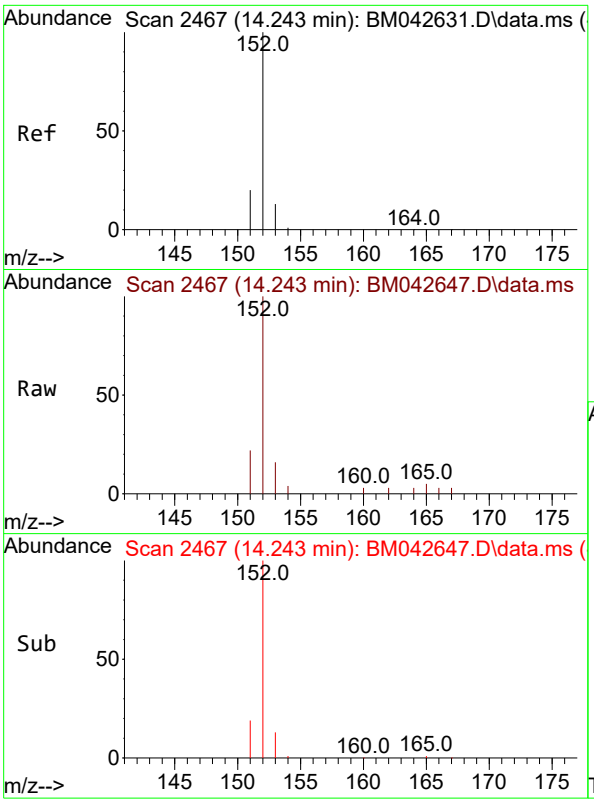


#8
1-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.559 min Scan# 2132
Delta R.T. -0.008 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion:142 Resp: 1553

Ion	Ratio	Lower	Upper
142	100		
141	96.1	75.4	113.2



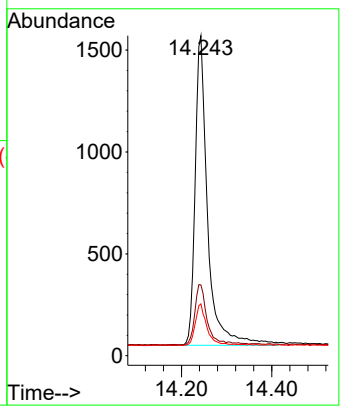


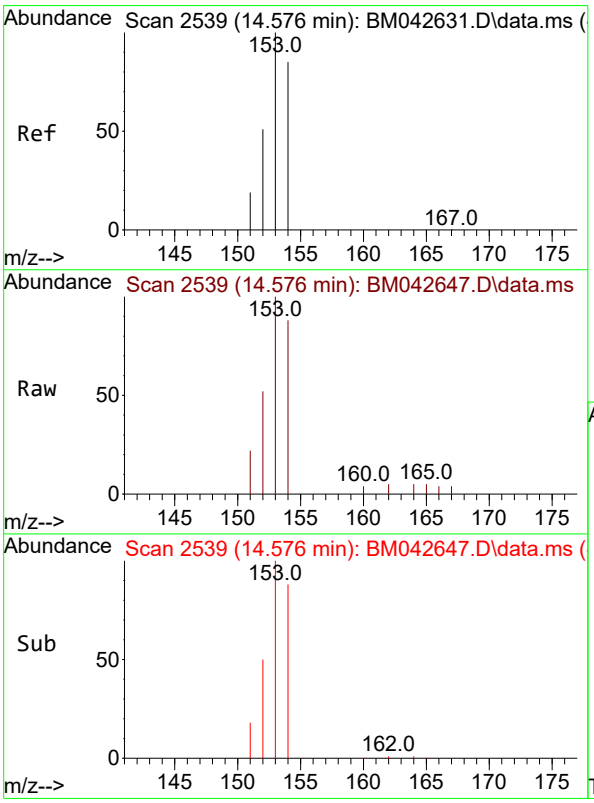
#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 14.243 min Scan# 24
Delta R.T. -0.002 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 2936

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.2	25.8
153	16.2	11.8	17.8

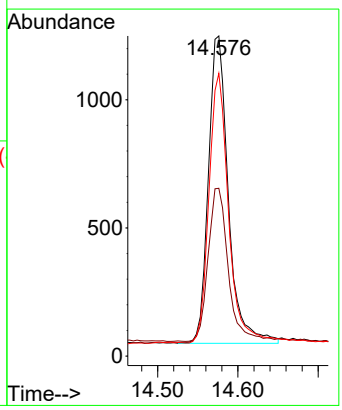


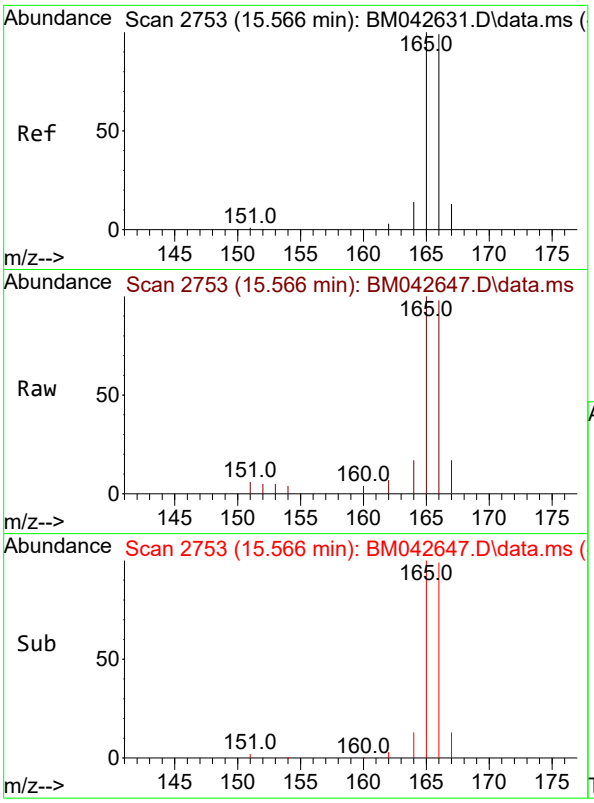


#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.576 min Scan# 2539
Delta R.T. -0.002 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion:153 Resp: 2074

Ion	Ratio	Lower	Upper
153	100		
152	52.4	41.8	62.6
154	88.3	69.2	103.8



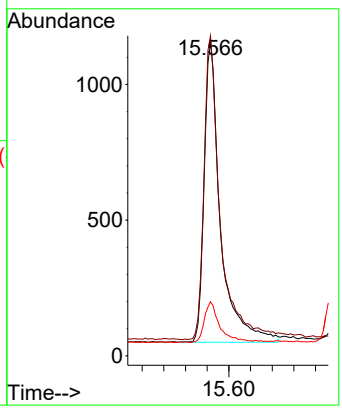


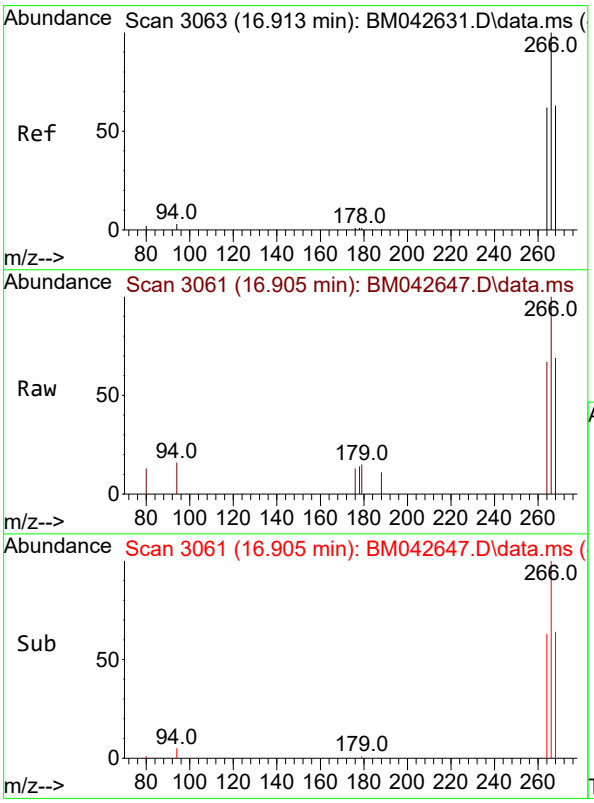
#12
Fluorene
Concen: 0.404 ng/ul
RT: 15.566 min Scan# 2
Delta R.T. -0.002 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 2312

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

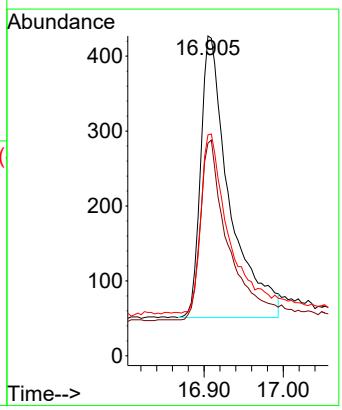


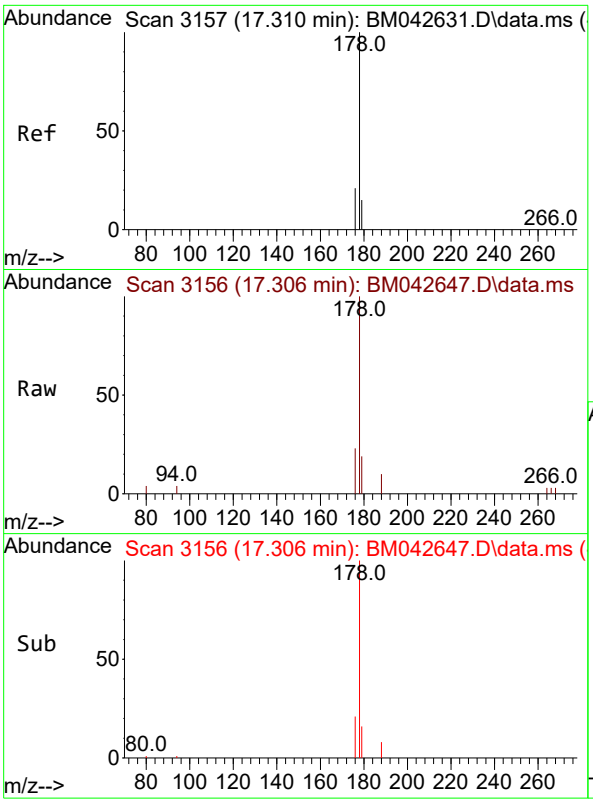


#14
Pentachlorophenol
Concen: 0.898 ng/ul
RT: 16.905 min Scan# 3061
Delta R.T. -0.006 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion:266 Resp: 946

Ion	Ratio	Lower	Upper
266	100		
264	61.7	50.4	75.6
268	63.2	54.8	82.2



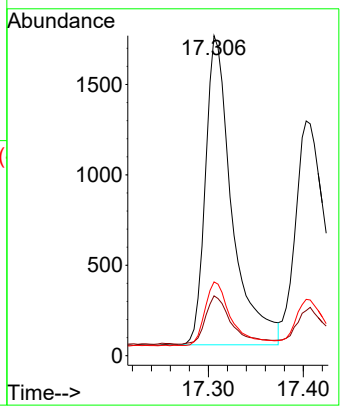


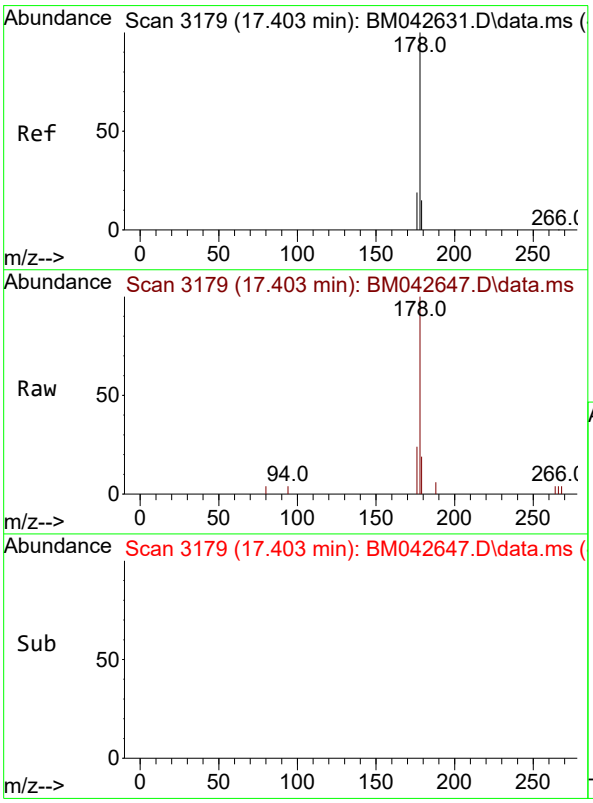
#15
Phenanthrene
Concen: 0.415 ng/ul
RT: 17.306 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3328

Ion	Ratio	Lower	Upper
178	100		
179	18.7	13.7	20.5
176	23.1	18.2	27.2

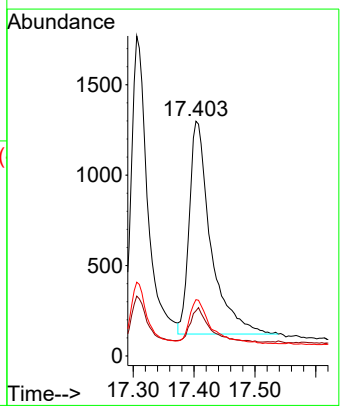


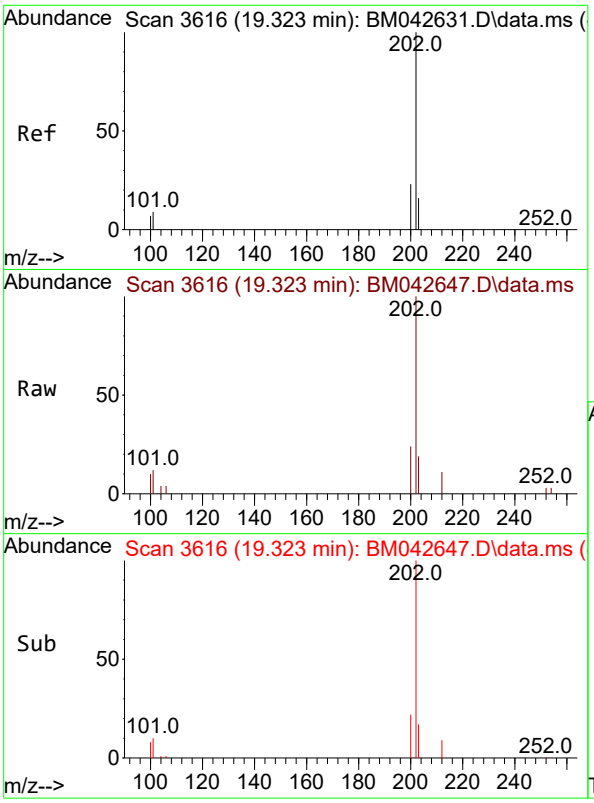


#16
Anthracene
Concen: 0.398 ng/ul
RT: 17.403 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion:178 Resp: 2887

Ion	Ratio	Lower	Upper
178	100		
179	19.3	14.2	21.4
176	24.0	17.6	26.4



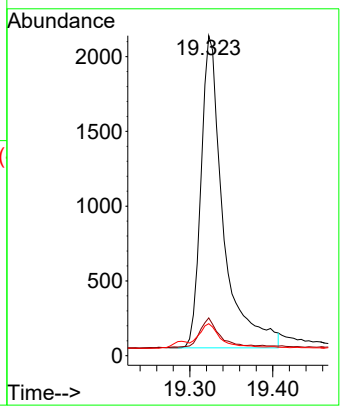


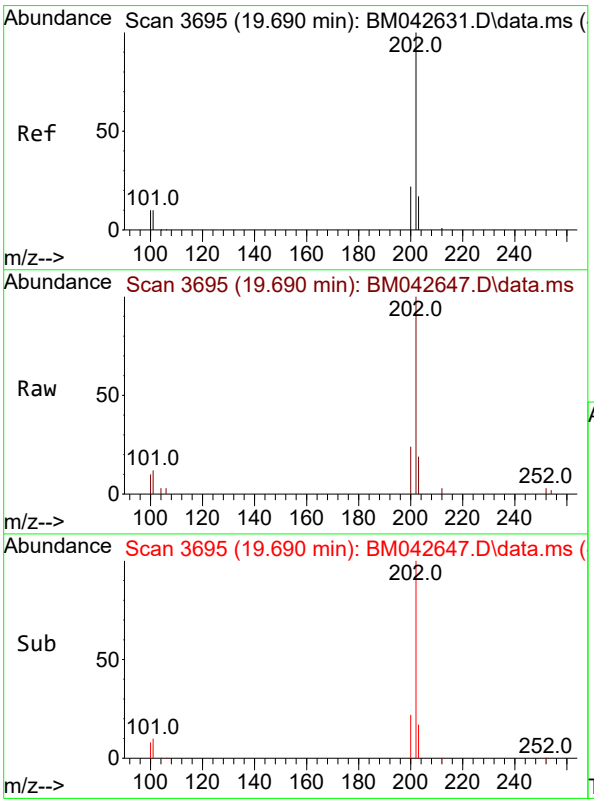
#19
Fluoranthene
Concen: 0.395 ng/ul
RT: 19.323 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3899

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.0	13.6
100	10.0	7.3	10.9

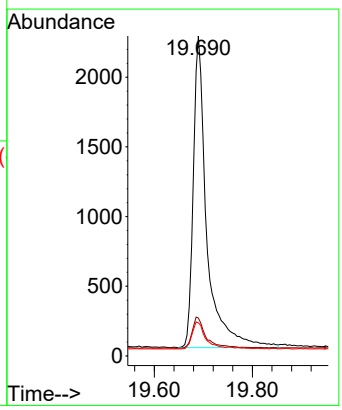


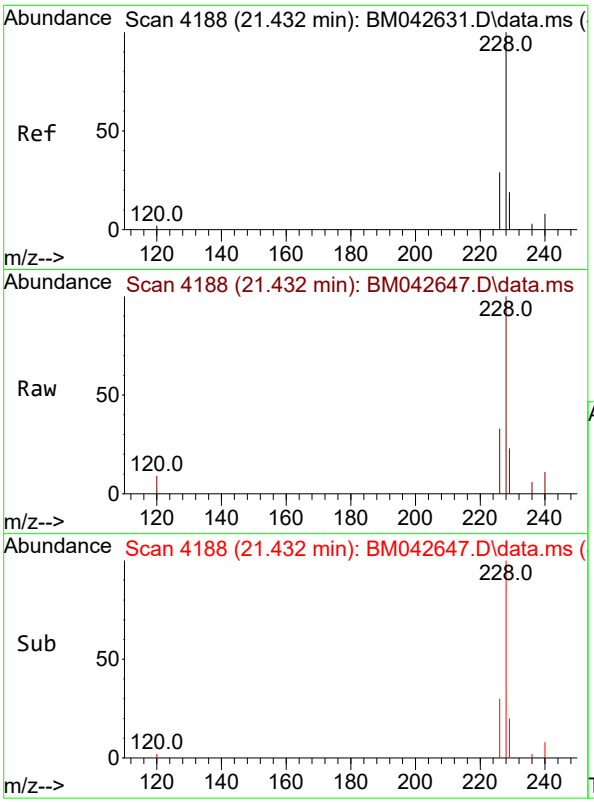


#20
Pyrene
Concen: 0.394 ng/ul
RT: 19.690 min Scan# 3695
Delta R.T. -0.006 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion:202 Resp: 4282

Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.6	16.0
100	10.4	8.6	13.0



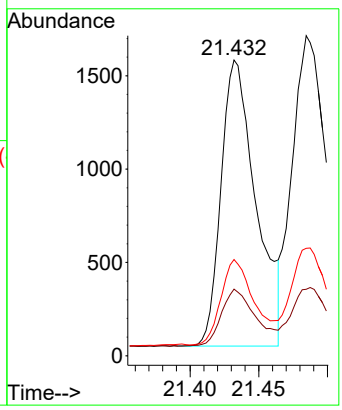


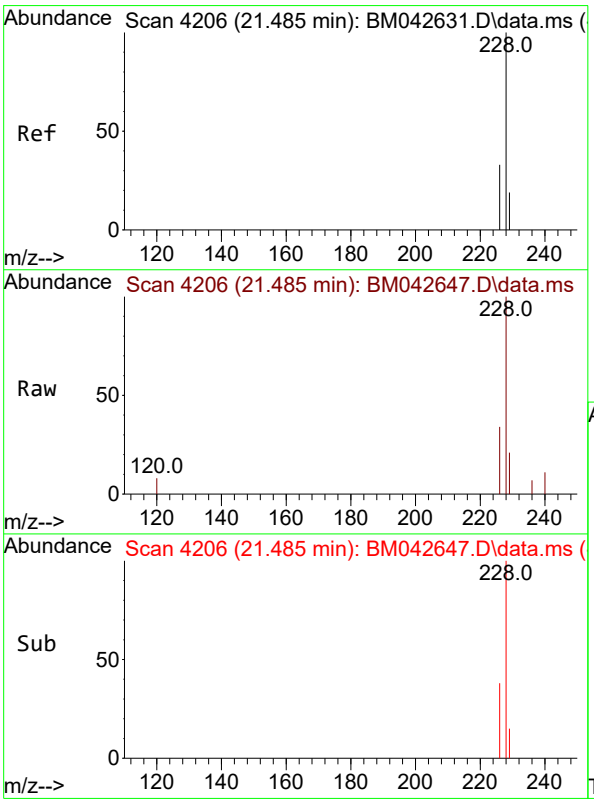
#21
Benzo(a)anthracene
Concen: 0.386 ng/ul
RT: 21.432 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2713

Ion	Ratio	Lower	Upper
228	100		
229	22.5	17.0	25.4
226	32.6	25.2	37.8

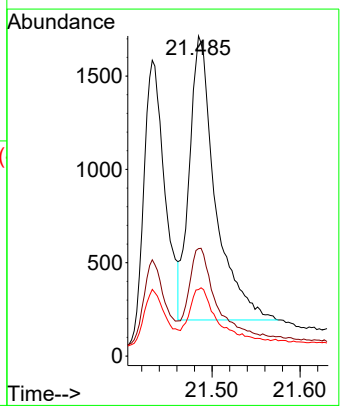


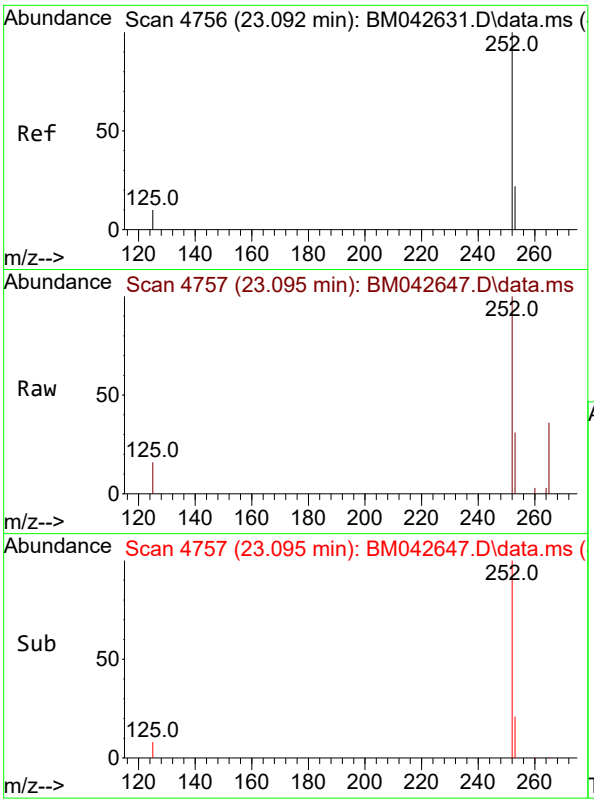


#22
Chrysene
Concen: 0.430 ng/ul
RT: 21.485 min Scan# 4206
Delta R.T. -0.008 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion:228 Resp: 3125

Ion	Ratio	Lower	Upper
228	100		
226	33.6	27.4	41.0
229	20.8	17.0	25.6



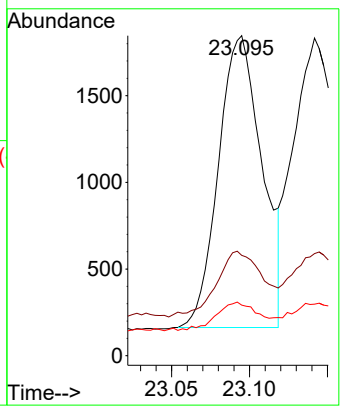


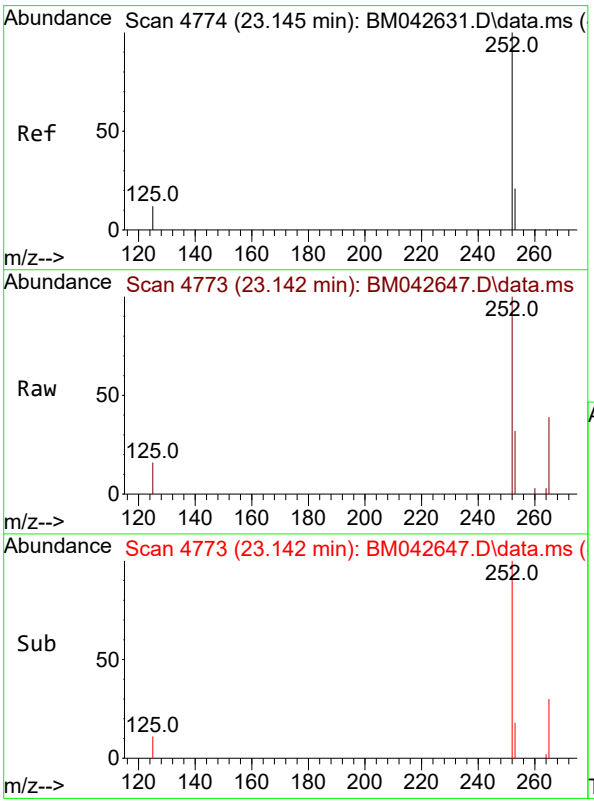
#24
Benzo(b)fluoranthene
Concen: 0.430 ng/ul
RT: 23.095 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3279

Ion	Ratio	Lower	Upper
252	100		
253	31.4	0.0	65.8
125	15.8	0.0	43.6

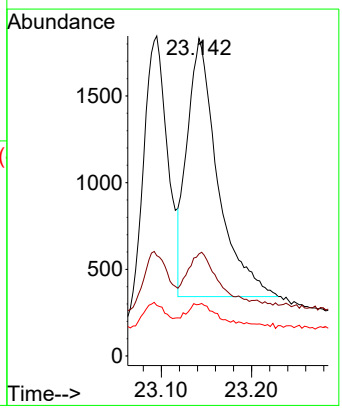


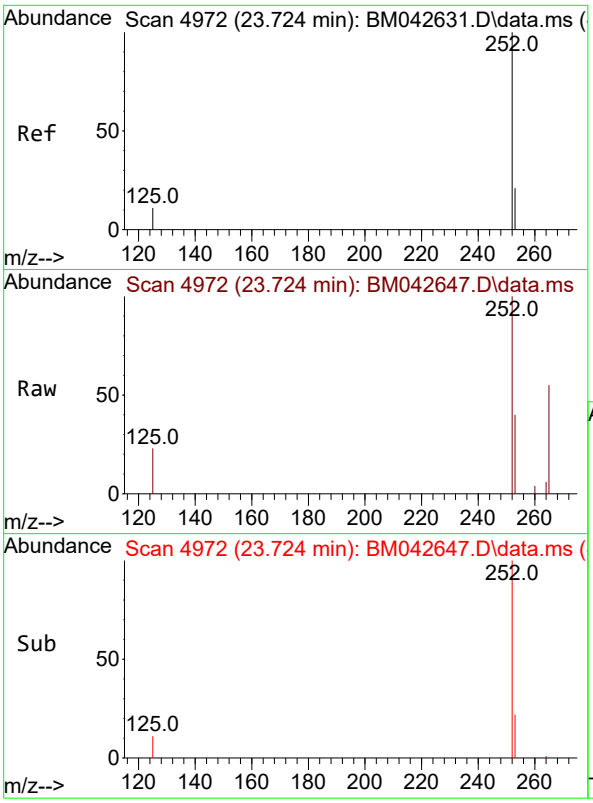


#25
Benzo(k)fluoranthene
Concen: 0.439 ng/ul
RT: 23.142 min Scan# 4773
Delta R.T. -0.008 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion:252 Resp: 3513

Ion	Ratio	Lower	Upper
252	100		
253	32.2	27.0	40.6
125	16.3	17.5	26.3#



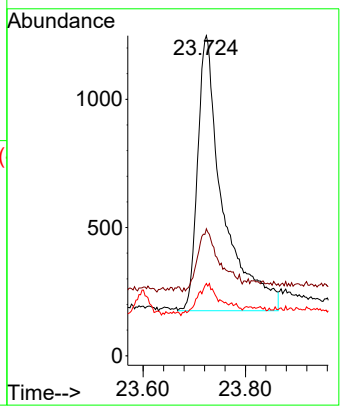


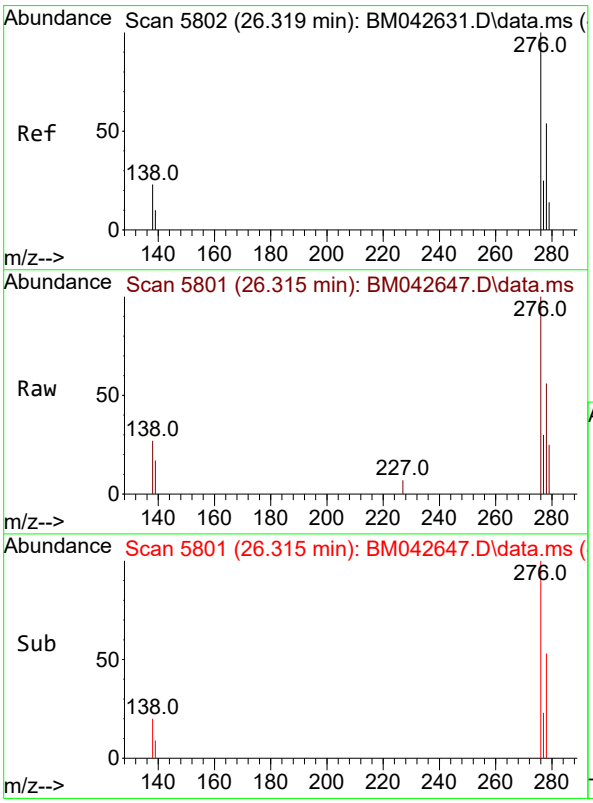
#26
Benzo(a)pyrene
Concen: 0.463 ng/ul
RT: 23.724 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3661

Ion	Ratio	Lower	Upper
252	100		
253	39.7	31.7	47.5
125	22.6	22.1	33.1

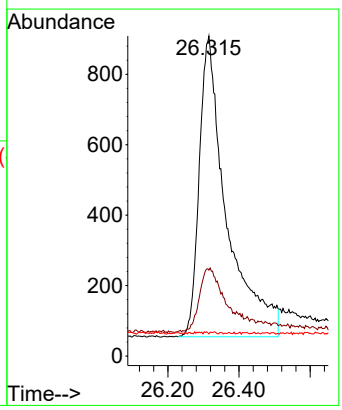


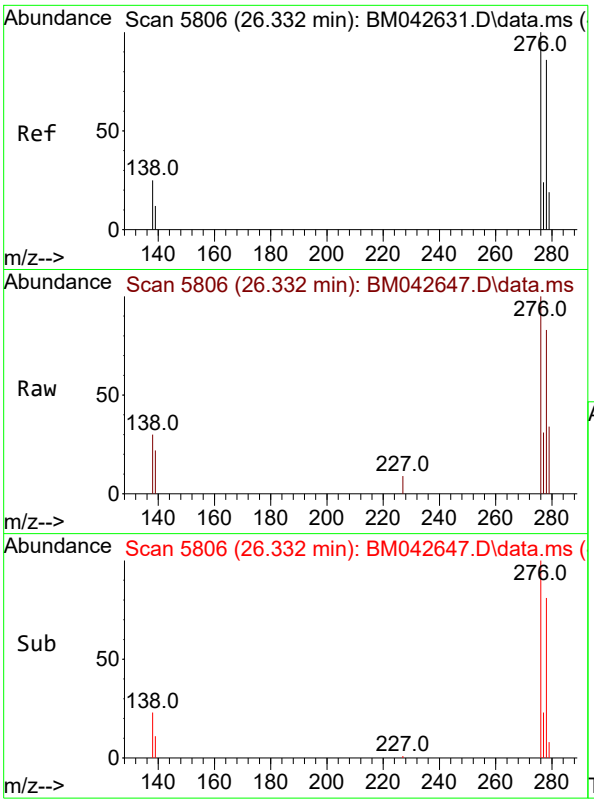


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.443 ng/ul
RT: 26.315 min Scan# 5801
Delta R.T. -0.012 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion:276 Resp: 4546

Ion	Ratio	Lower	Upper
276	100		
138	22.1	20.7	31.1
227	0.1	0.1	0.1#



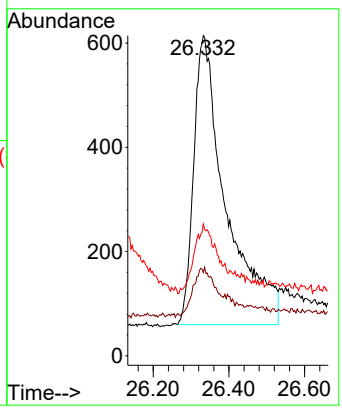


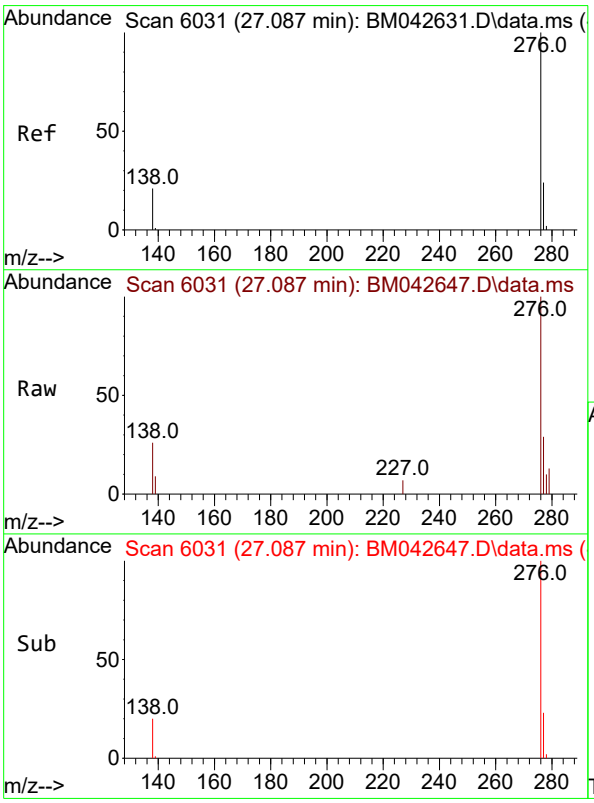
#28
Dibenzo(a,h)anthracene
Concen: 0.449 ng/ul
RT: 26.332 min Scan# 5
Delta R.T. -0.016 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 3289

Ion	Ratio	Lower	Upper
278	100		
139	26.1	24.3	36.5
279	41.2	31.5	47.3





#29
Benzo(g,h,i)perylene
Concen: 0.438 ng/ul
RT: 27.087 min Scan# 6031
Delta R.T. -0.019 min
Lab File: BM042647.D
Acq: 08 Nov 2023 13:46

Tgt Ion:276 Resp: 4184

Ion	Ratio	Lower	Upper
276	100		
138	26.4	22.3	33.5
277	29.0	23.6	35.4