Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041728.D
Acq On : 08 Sep 2023 12:20
Operator : MA/JU
Sample : PB155206BS
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 08 22:54:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 06:08:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	8483	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	20847	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	8672	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	16427	0.400	ng/ul	0.00
17) Chrysene-d12	21.556	240	5383	0.400	ng/ul	0.00
23) Perylene-d12	23.985	264	5098	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	7800	0.602	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.390	152	9600	0.358	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	10555	0.404	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.439	88	18493	1.373	ng/ul	91
5) Naphthalene	10.861	128	21933	0.320	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	12951	0.333	ng/ul	99
8) 1-Methylnaphthalene	12.687	142	13686	0.350	ng/ul	100
10) Acenaphthylene	14.365	152	17874	0.334	ng/ul	99
11) Acenaphthene	14.698	153	13907	0.334	ng/ul	98
12) Fluorene	15.684	166	15555	0.333	ng/ul	100
14) Pentachlorophenol	17.012	266	3924	0.597	ng/ul	99
15) Phenanthrene	17.430	178	23199	0.334	ng/ul	99
16) Anthracene	17.523	178	19973	0.336	ng/ul	99
19) Fluoranthene	19.436	202	23371	0.368	ng/ul	99
20) Pyrene	19.803	202	23260	0.369	ng/ul	99
21) Benzo(a)anthracene	21.539	228	14595	0.332	ng/ul	100
22) Chrysene	21.594	228	15380	0.325	ng/ul	100
24) Benzo(b)fluoranthene	23.234	252	14685	0.322	ng/ul	100
25) Benzo(k)fluoranthene	23.284	252	13710	0.307	ng/ul	99
26) Benzo(a)pyrene	23.874	252	11785	0.318	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.501	276	15597	0.307	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.522	278	10979	0.308	ng/ul	98
29) Benzo(g,h,i)perylene	27.279	276	13429	0.298	ng/ul	98

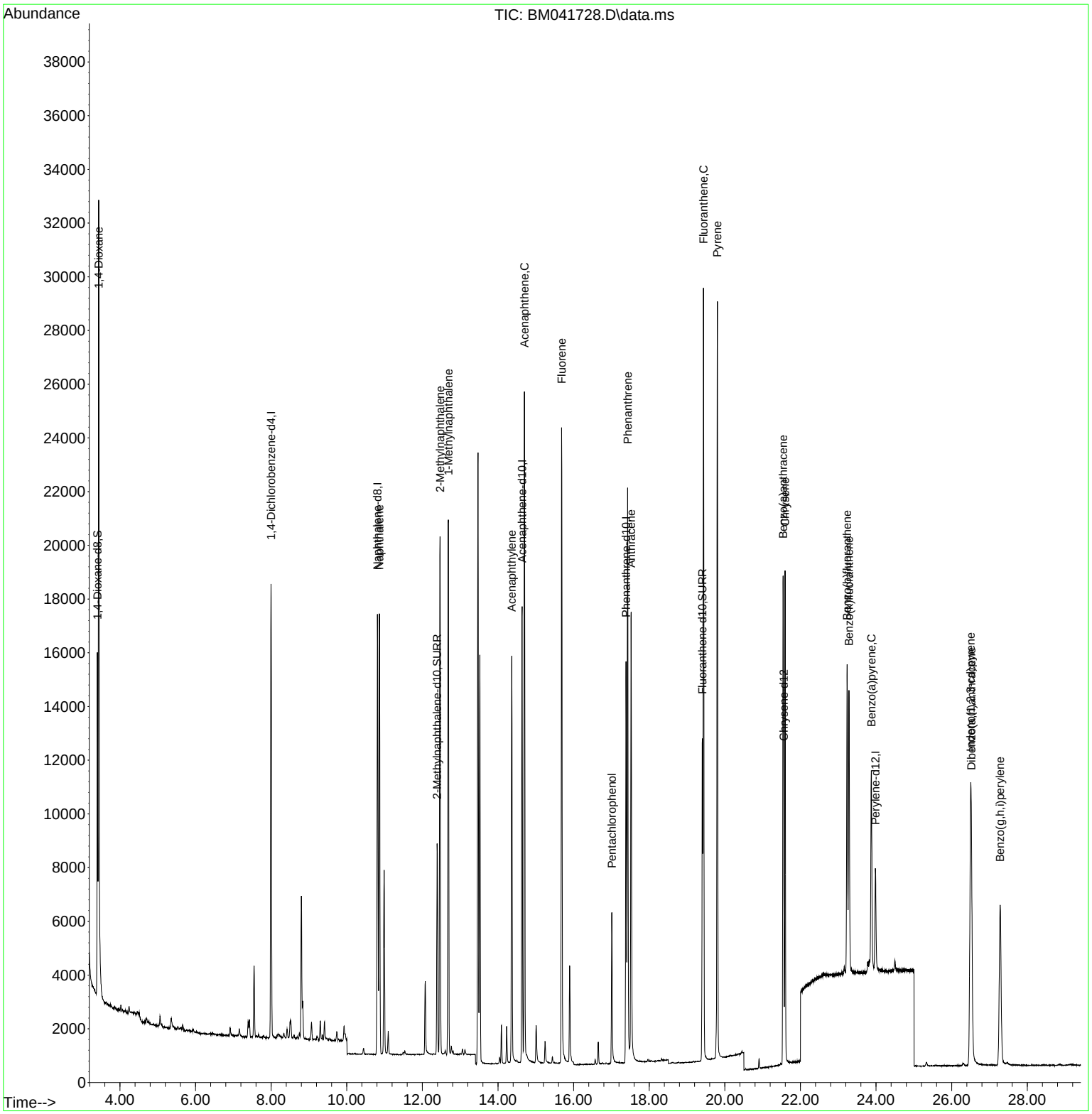
(#) = qualifier out of range (m) = manual integration (+) = signals summed

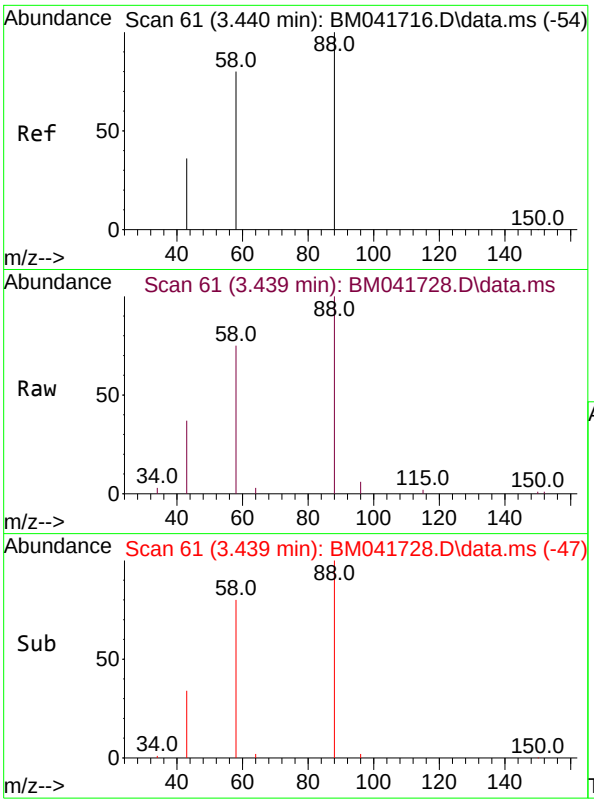
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041728.D
Acq On : 08 Sep 2023 12:20
Operator : MA/JU
Sample : PB155206BS
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 08 22:54:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 06:08:11 2023
Response via : Initial Calibration



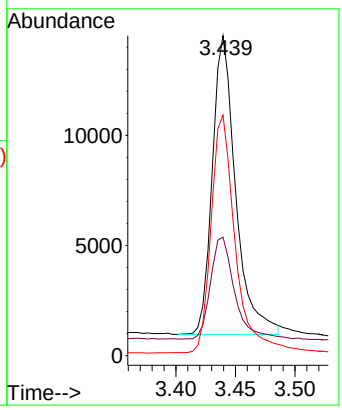


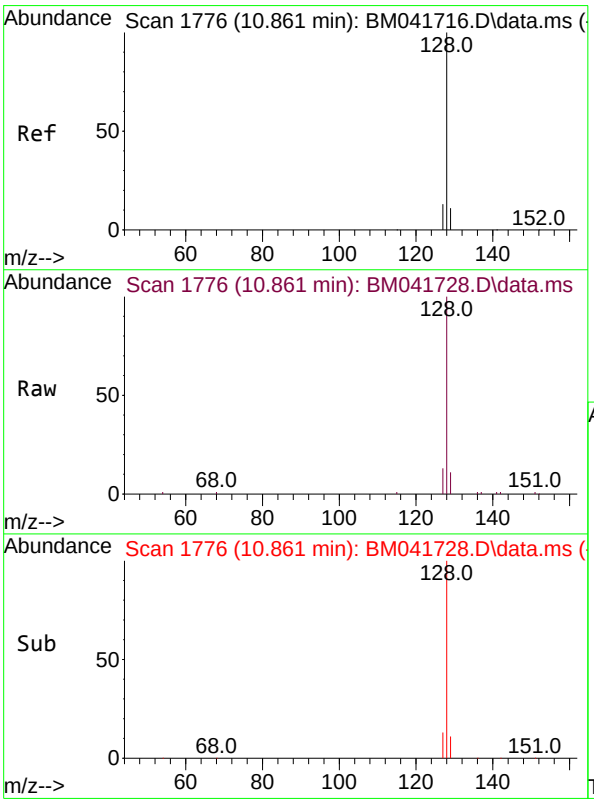
#2
1,4-Dioxane
Concen: 1.373 ng/ul
RT: 3.439 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 18493

Ion	Ratio	Lower	Upper
88	100		
43	37.0	33.8	50.6
58	75.1	54.2	81.2

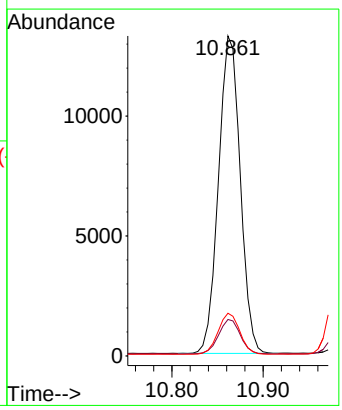


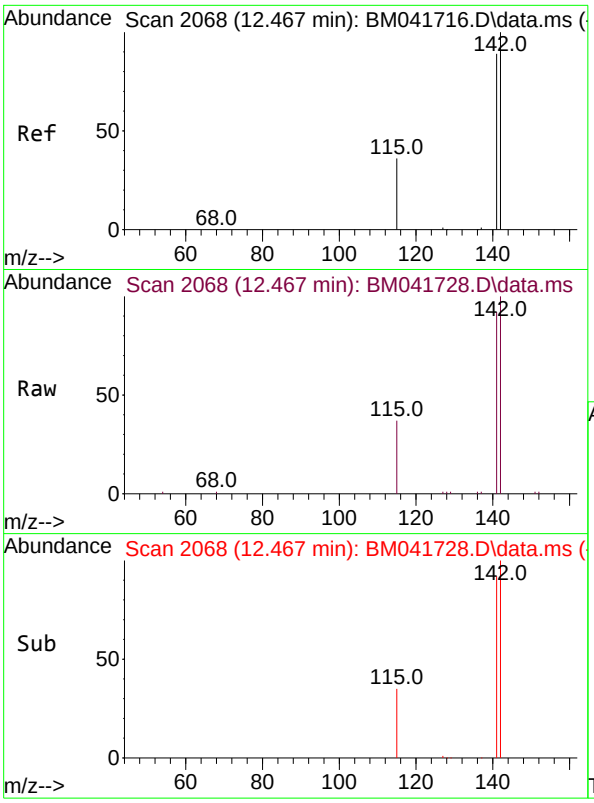


#5
Naphthalene
Concen: 0.320 ng/ul
RT: 10.861 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Tgt Ion:128 Resp: 21933

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.4	11.0	16.6



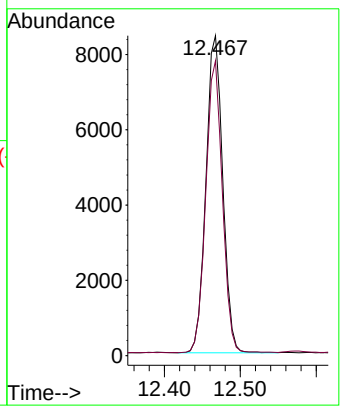


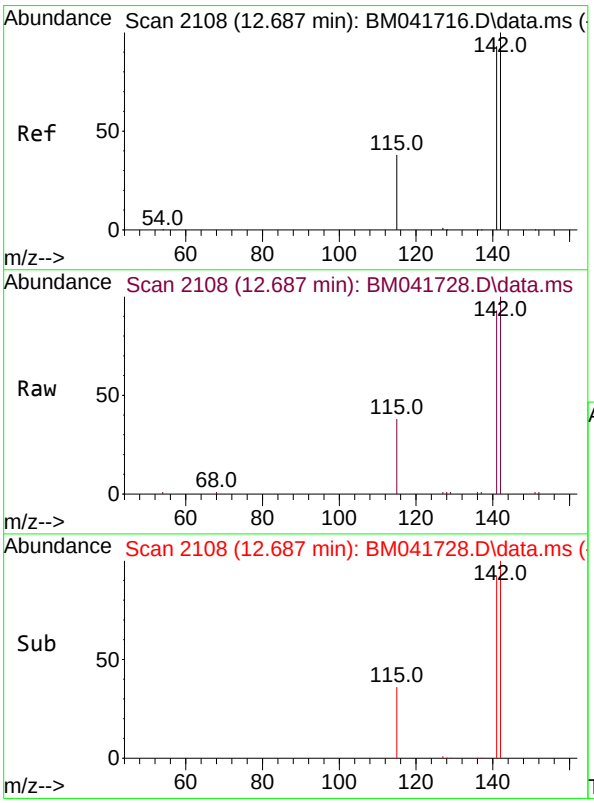
#7
2-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.467 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 12951

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.2	108.2

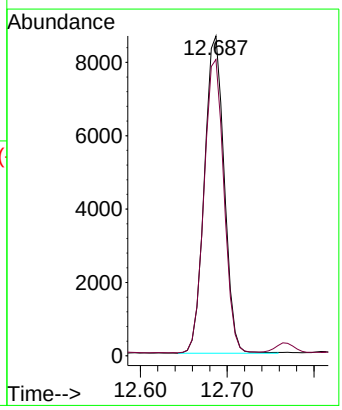


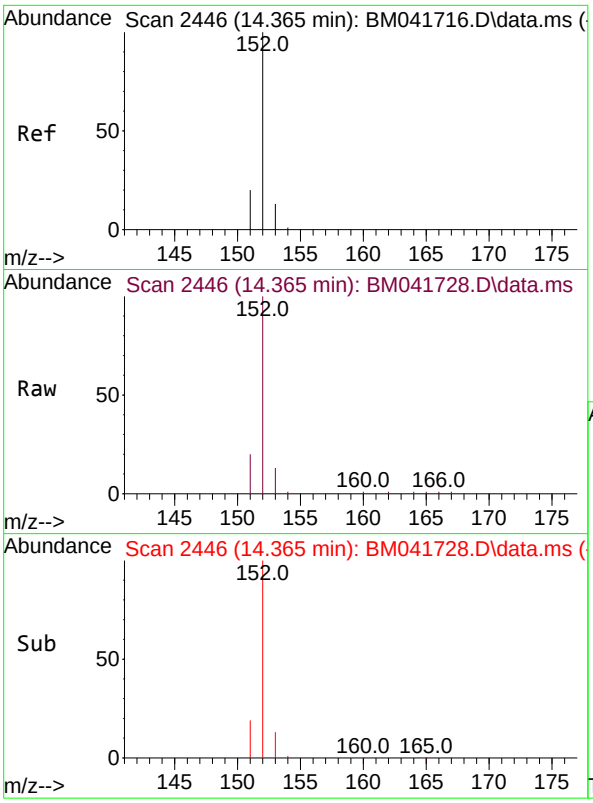


#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Tgt Ion:142 Resp: 13686

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.4	111.6



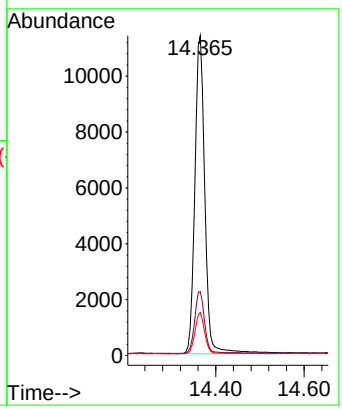


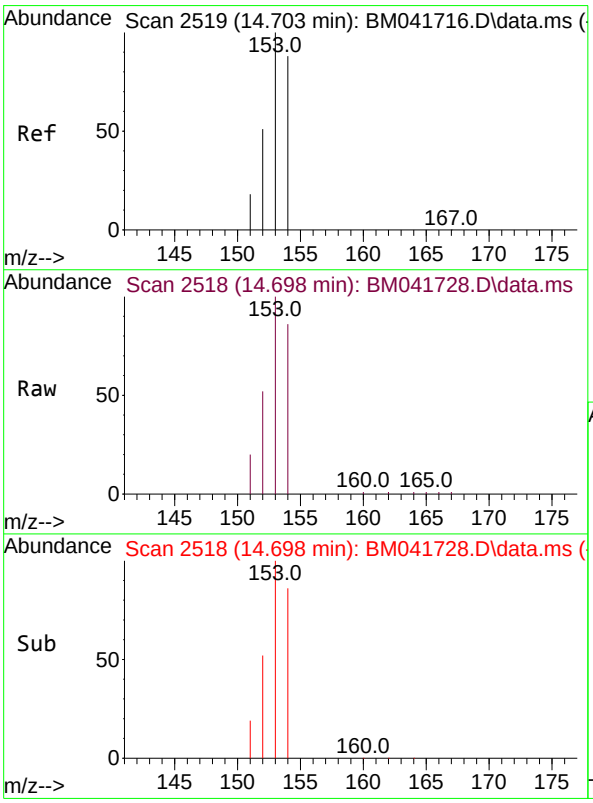
#10
Acenaphthylene
Concen: 0.334 ng/ul
RT: 14.365 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 17874

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.4	24.6
153	13.5	11.1	16.7

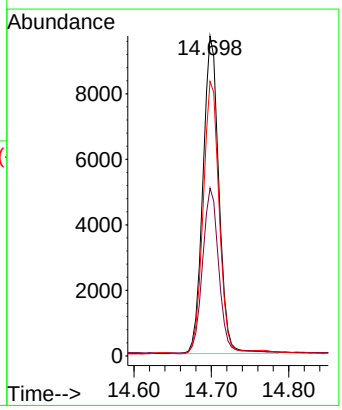


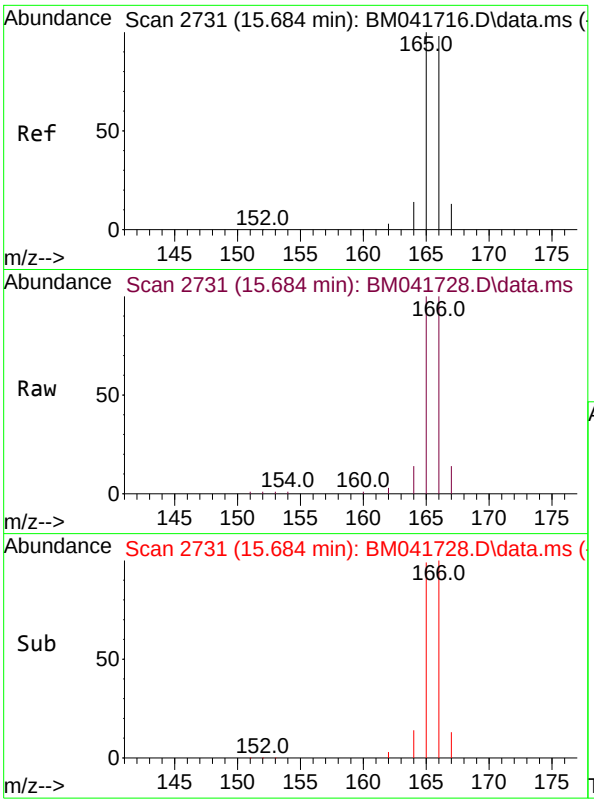


#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.698 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Tgt Ion:153 Resp: 13907

Ion	Ratio	Lower	Upper
153	100		
152	52.4	43.4	65.2
154	85.8	69.4	104.0



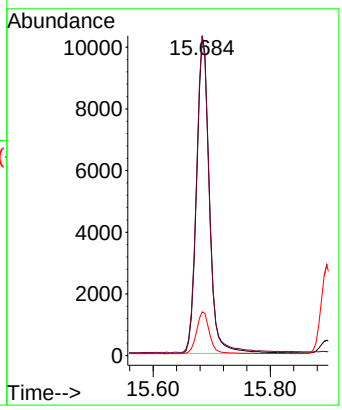


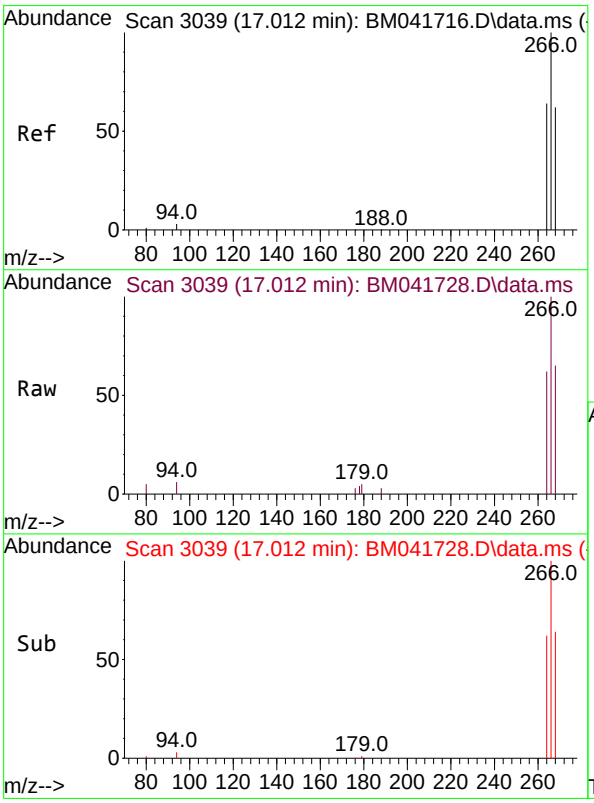
#12
Fluorene
Concen: 0.333 ng/ul
RT: 15.684 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 15555

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.4	119.2
167	13.7	11.3	16.9

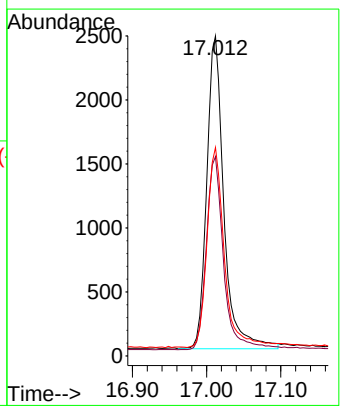


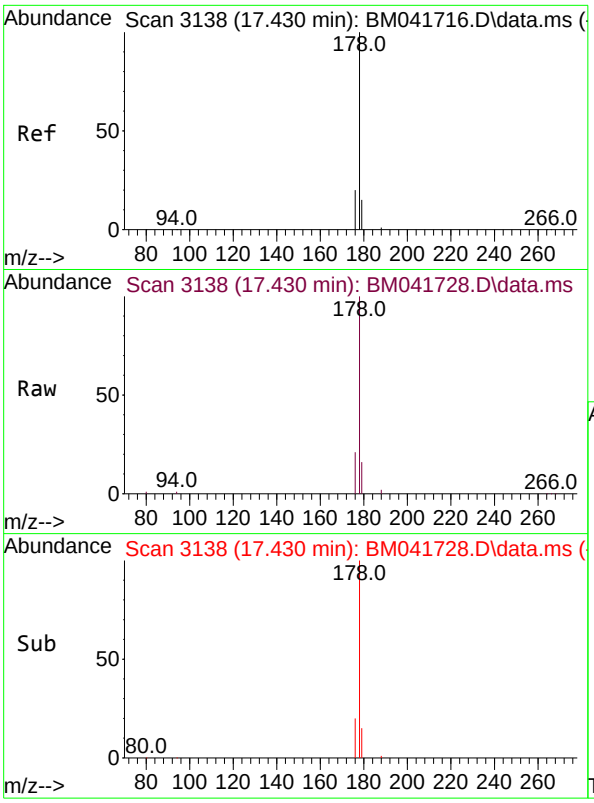


#14
Pentachlorophenol
Concen: 0.597 ng/ul
RT: 17.012 min Scan# 3039
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Tgt Ion:266 Resp: 3924

Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.0	75.0
268	64.6	50.8	76.2



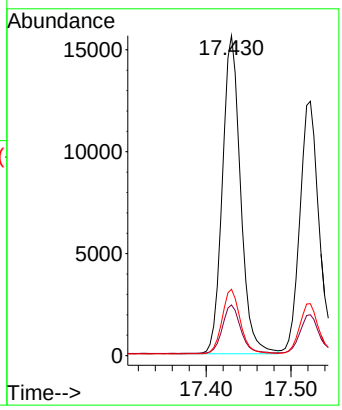


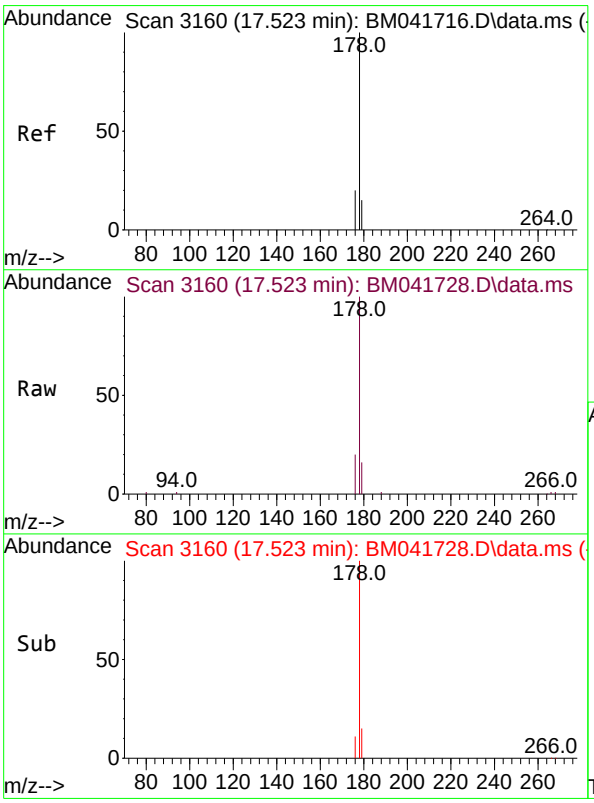
#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.430 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 23199

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	20.7	16.9	25.3

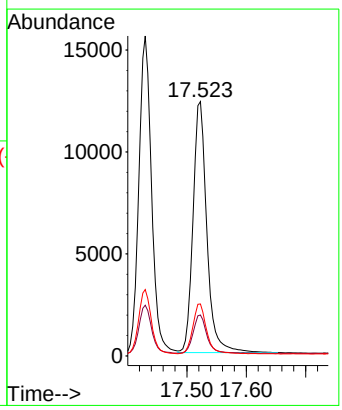


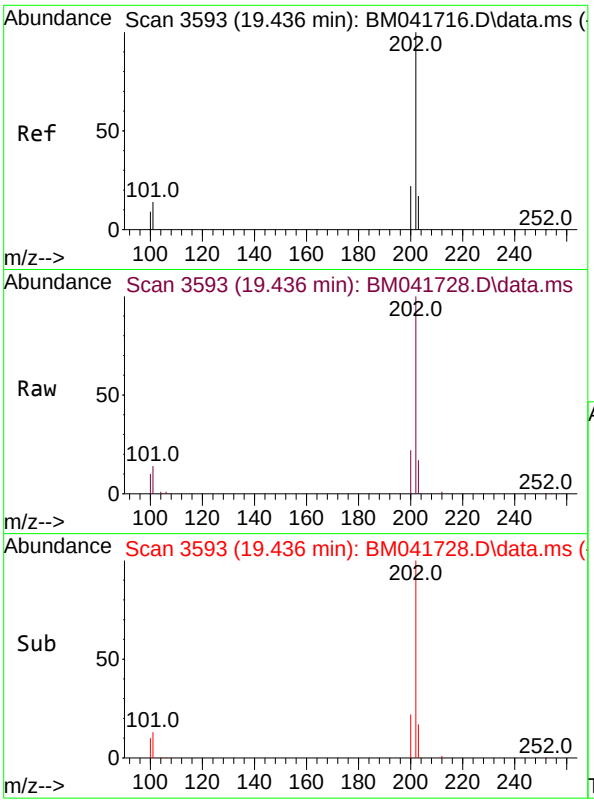


#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.523 min Scan# 3160
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Tgt Ion:178 Resp: 19973

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	20.4	15.8	23.8



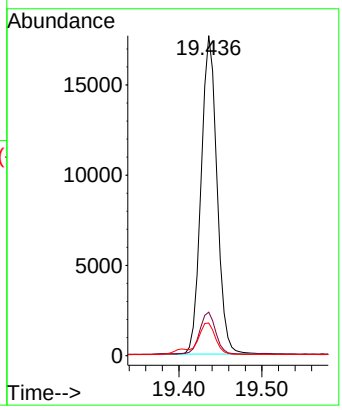


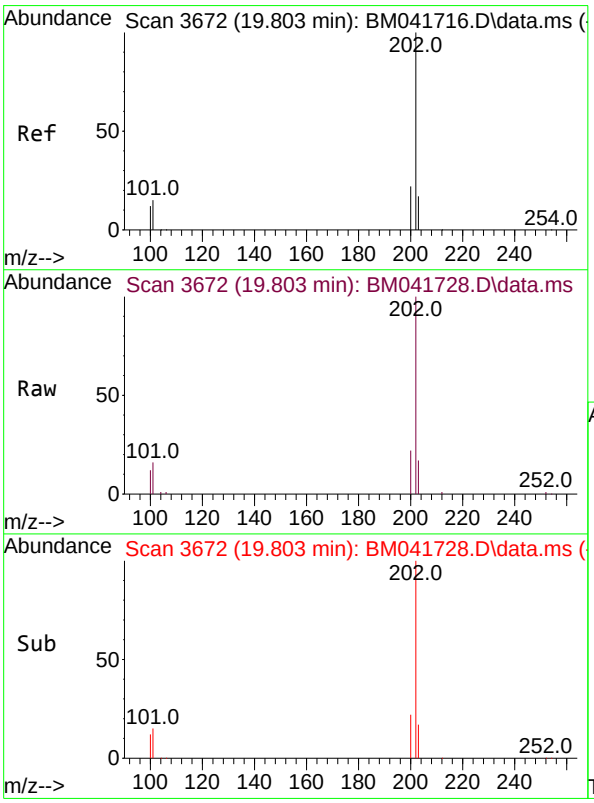
#19
Fluoranthene
Concen: 0.368 ng/ul
RT: 19.436 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 23371

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.5	15.7
100	10.2	8.4	12.6

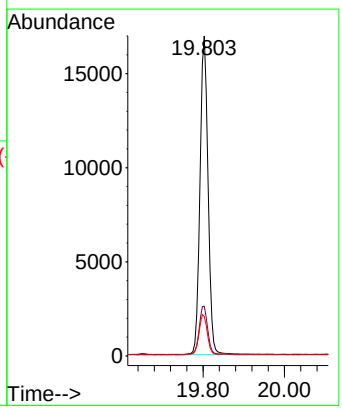


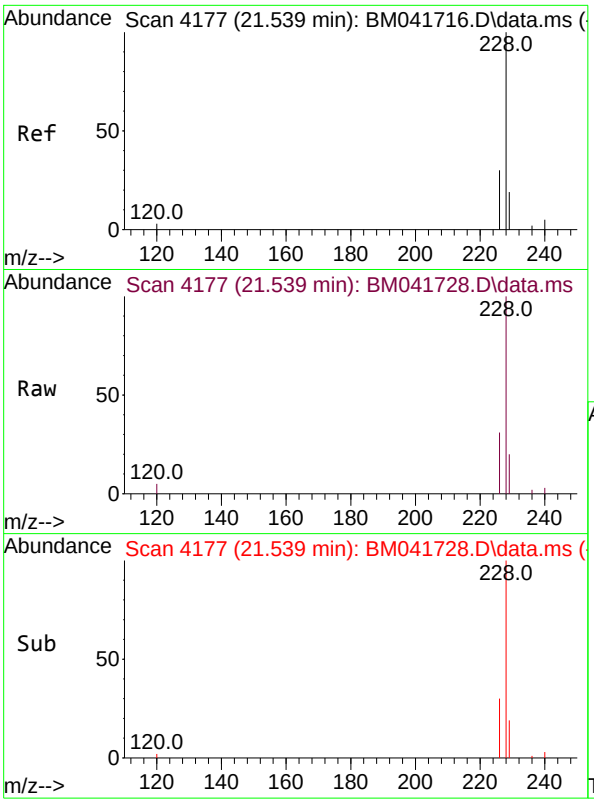


#20
Pyrene
Concen: 0.369 ng/ul
RT: 19.803 min Scan# 3672
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Tgt Ion:202 Resp: 23260

Ion	Ratio	Lower	Upper
202	100		
101	15.5	11.8	17.8
100	12.3	9.8	14.6



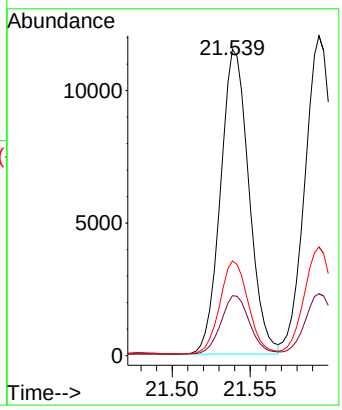


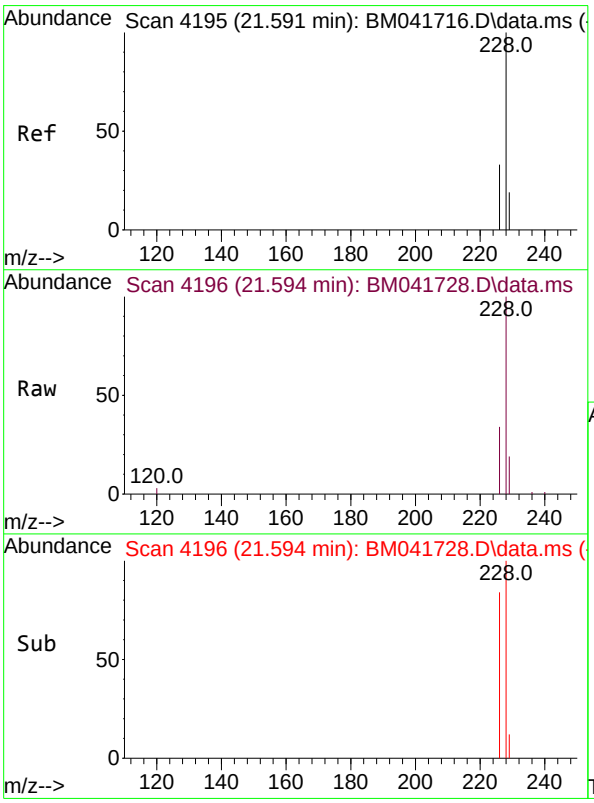
#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.539 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 14595

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.6
226	30.9	24.8	37.2

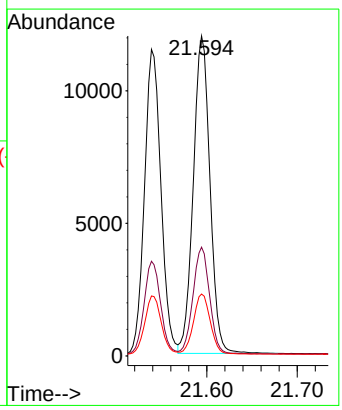


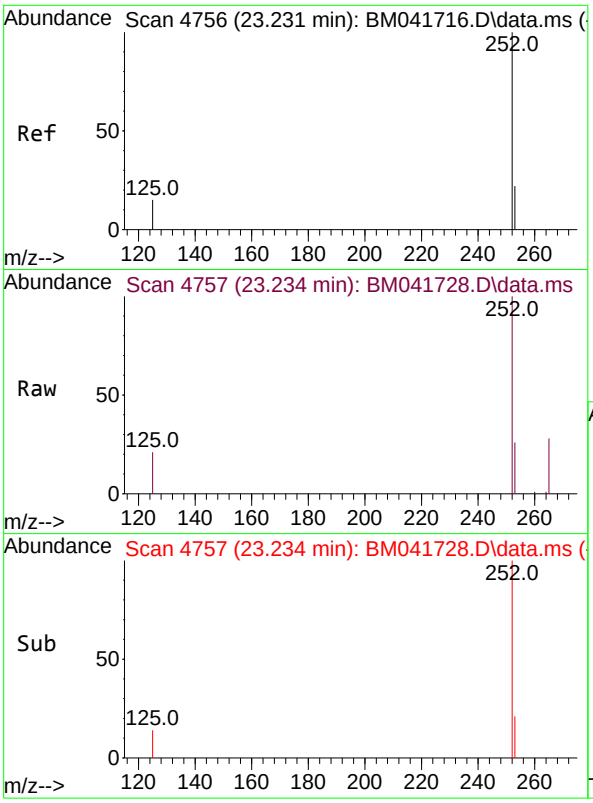


#22
Chrysene
Concen: 0.325 ng/ul
RT: 21.594 min Scan# 4196
Delta R.T. 0.003 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Tgt Ion:228 Resp: 15380

Ion	Ratio	Lower	Upper
228	100		
226	34.0	27.0	40.6
229	19.3	15.4	23.2



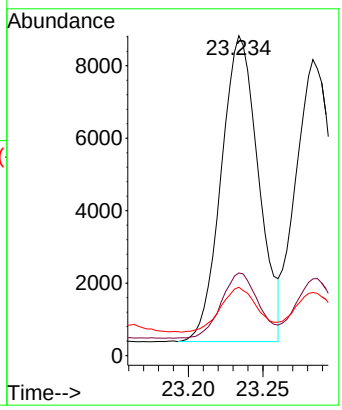


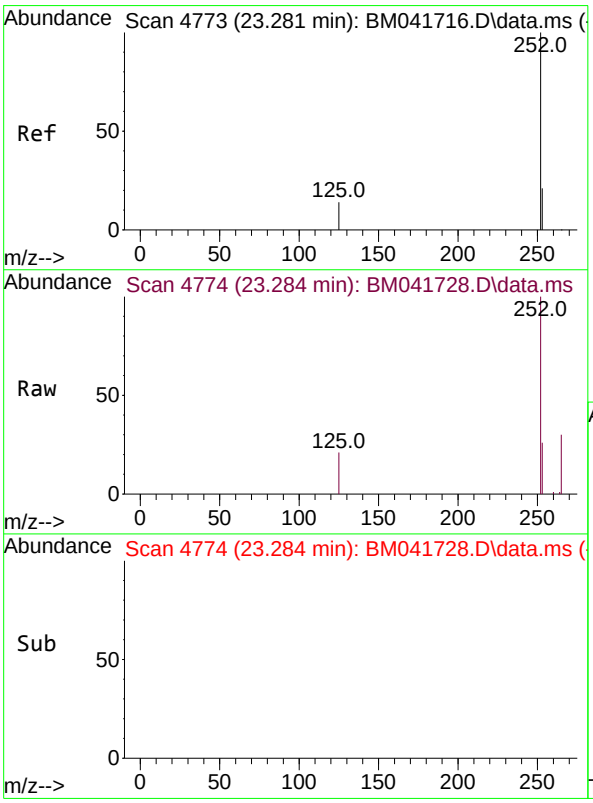
#24
Benzo(b)fluoranthene
Concen: 0.322 ng/ul
RT: 23.234 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 14685

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	52.4
125	21.4	0.0	42.8

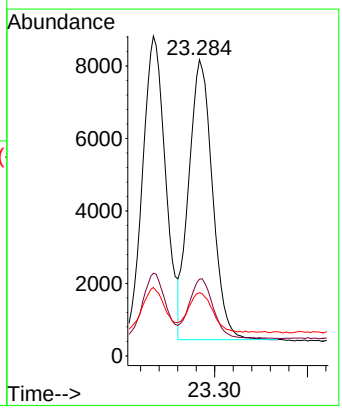


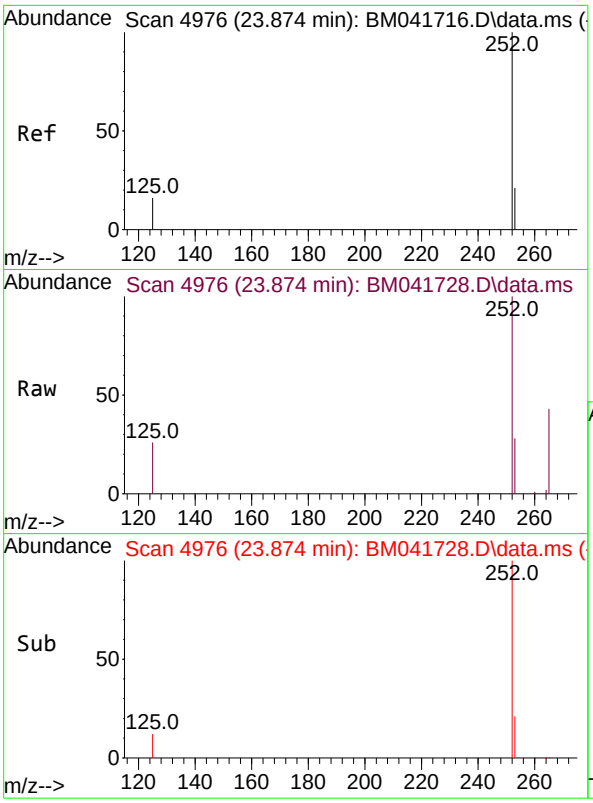


#25
Benzo(k)fluoranthene
Concen: 0.307 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. 0.003 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Tgt Ion:252 Resp: 13710

Ion	Ratio	Lower	Upper
252	100		
253	25.9	21.3	31.9
125	21.3	17.4	26.0



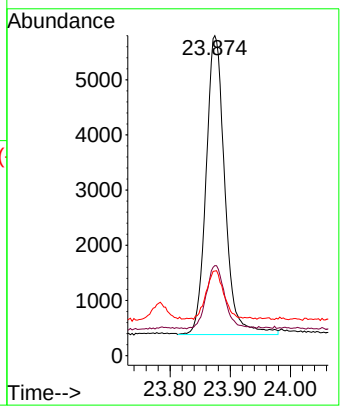


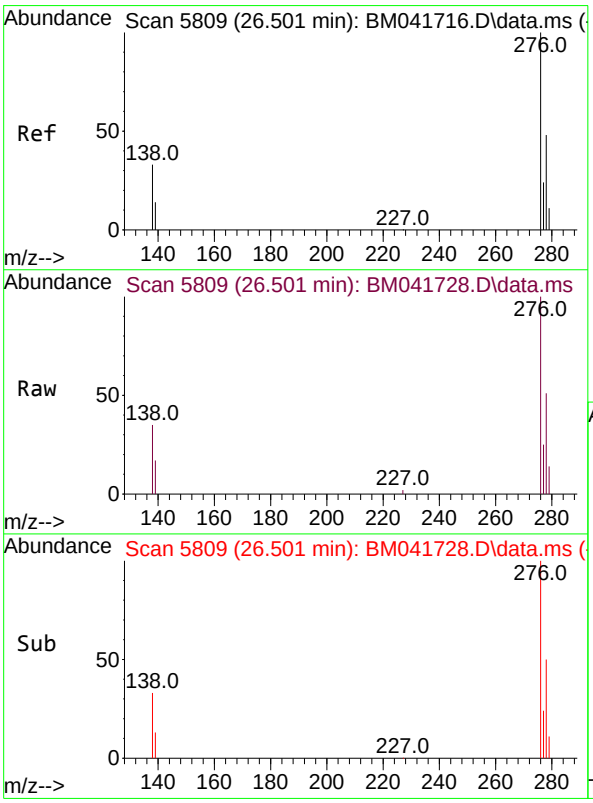
#26
Benzo(a)pyrene
Concen: 0.318 ng/ul
RT: 23.874 min Scan# 49
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 11785

Ion	Ratio	Lower	Upper
252	100		
253	28.1	22.4	33.6
125	26.4	21.0	31.4

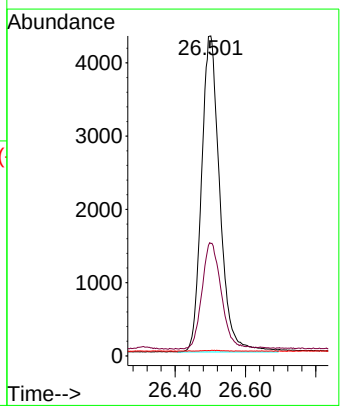


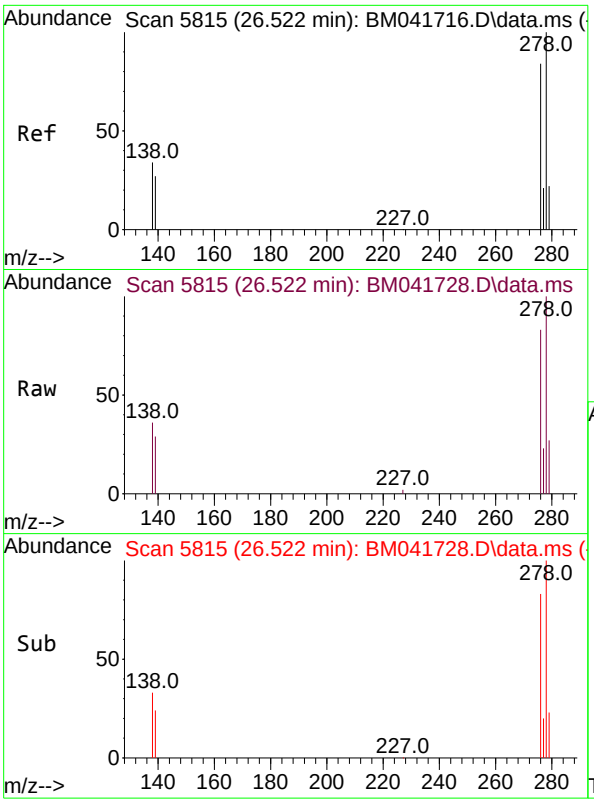


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.307 ng/ul
RT: 26.501 min Scan# 5809
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Tgt Ion:276 Resp: 15597

Ion	Ratio	Lower	Upper
276	100		
138	35.3	26.4	39.6
227	0.3	0.1	0.1#



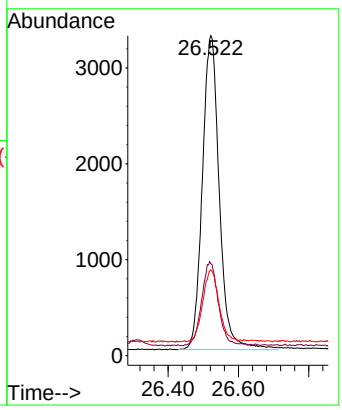


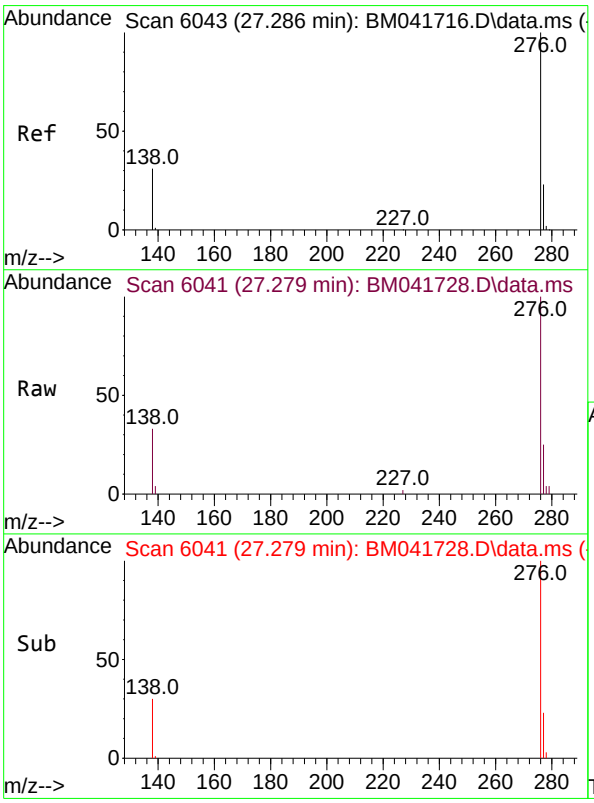
#28
Dibenzo(a,h)anthracene
Concen: 0.308 ng/ul
RT: 26.522 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 10979

Ion	Ratio	Lower	Upper
278	100		
139	28.7	23.0	34.6
279	26.8	22.9	34.3





#29
Benzo(g,h,i)perylene
Concen: 0.298 ng/ul
RT: 27.279 min Scan# 6041
Delta R.T. -0.007 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Tgt Ion:276 Resp: 13429

Ion	Ratio	Lower	Upper
276	100		
138	32.6	25.0	37.4
277	24.6	20.2	30.2