Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
Data File : BM042613.D
Acq On : 07 Nov 2023 15:30
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Quant Time: Nov 07 23:06:00 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

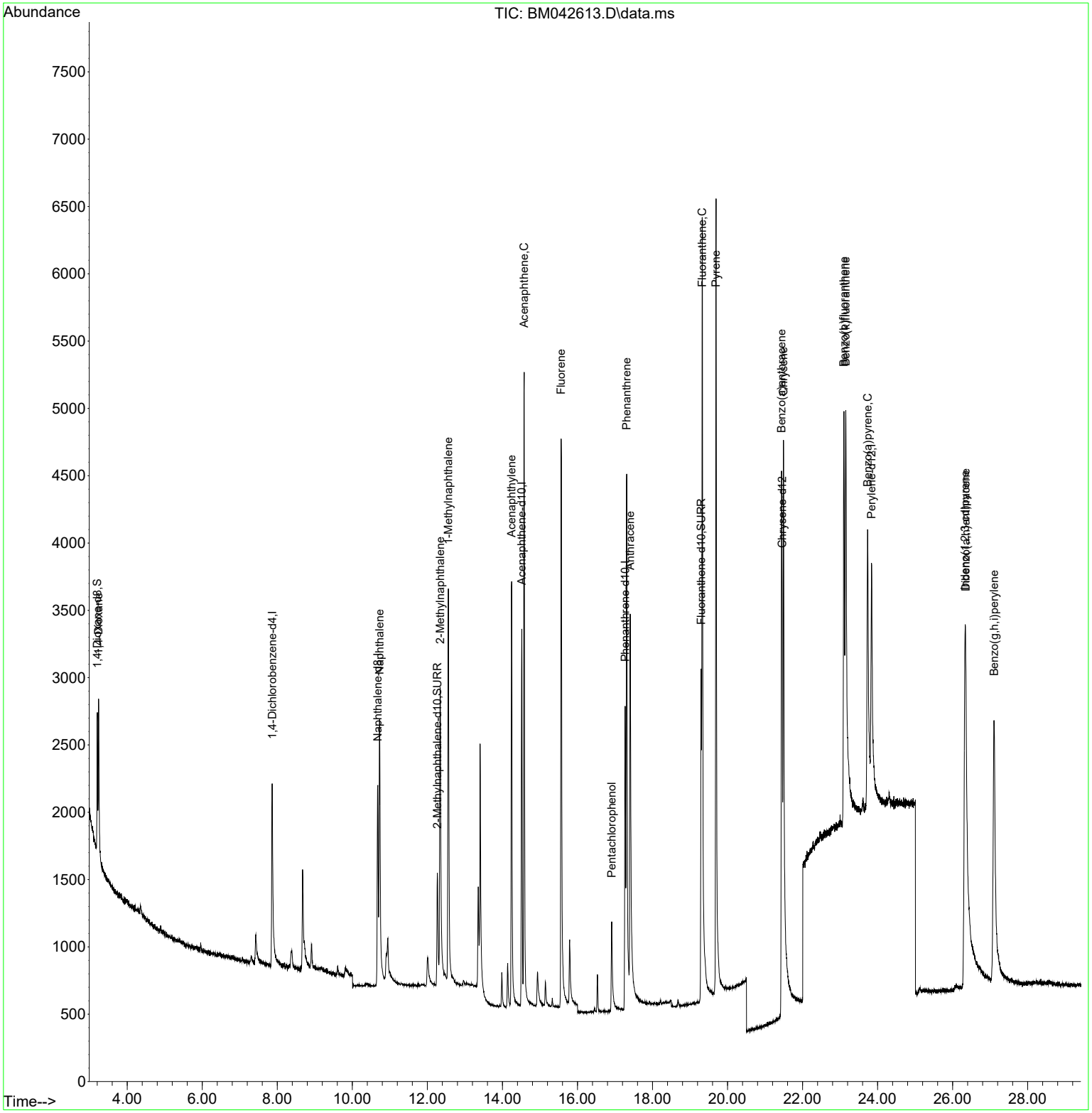
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	1098	0.400	ng/ul	0.00
4) Naphthalene-d8	10.677	136	2650	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.515	164	1586	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	3170	0.400	ng/ul	0.00
17) Chrysene-d12	21.456	240	2423	0.400	ng/ul	0.00
23) Perylene-d12	23.838	264	2918	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	632	0.436	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.266	152	1524	0.412	ng/ul	0.00
18) Fluoranthene-d10	19.298	212	3436	0.410	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.236	88	719	0.417	ng/ul#	78
5) Naphthalene	10.726	128	3486	0.407	ng/ul	99
7) 2-Methylnaphthalene	12.343	142	2198	0.400	ng/ul	94
8) 1-Methylnaphthalene	12.558	142	2277	0.409	ng/ul	99
10) Acenaphthylene	14.246	152	4235	0.390	ng/ul	100
11) Acenaphthene	14.580	153	2987	0.406	ng/ul	99
12) Fluorene	15.565	166	3380	0.400	ng/ul	98
14) Pentachlorophenol	16.912	266	675	0.418	ng/ul	94
15) Phenanthrene	17.313	178	5035	0.410	ng/ul	99
16) Anthracene	17.406	178	4510	0.405	ng/ul	99
19) Fluoranthene	19.326	202	6042	0.399	ng/ul	99
20) Pyrene	19.693	202	6573	0.395	ng/ul	99
21) Benzo(a)anthracene	21.438	228	3976	0.369	ng/ul	100
22) Chrysene	21.491	228	4442	0.398	ng/ul	99
24) Benzo(b)fluoranthene	23.101	252	4623	0.392	ng/ul	98
25) Benzo(k)fluoranthene	23.151	252	4927	0.399	ng/ul	97
26) Benzo(a)pyrene	23.736	252	5127	0.420	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.329	276	6436	0.406	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.346	278	4624	0.408	ng/ul	98
29) Benzo(g,h,i)perylene	27.104	276	5889	0.399	ng/ul	100

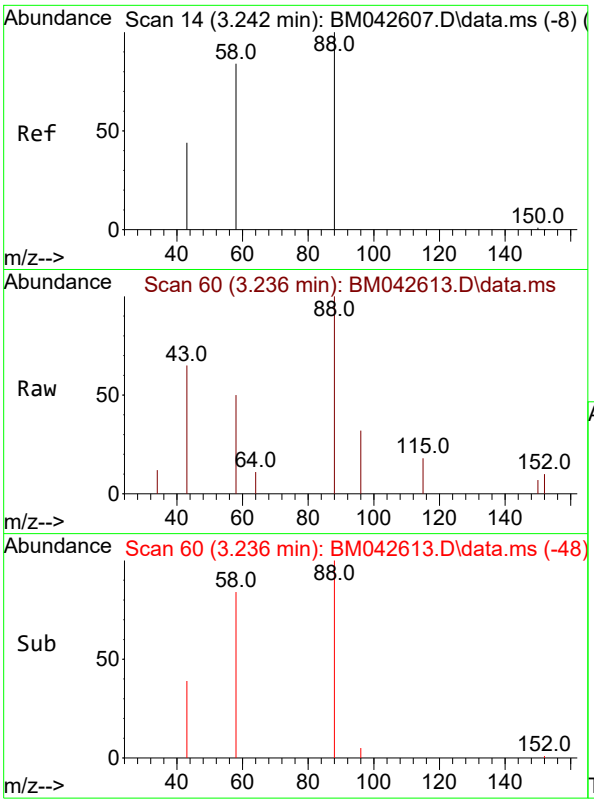
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
Data File : BM042613.D
Acq On : 07 Nov 2023 15:30
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Quant Time: Nov 07 23:06:00 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



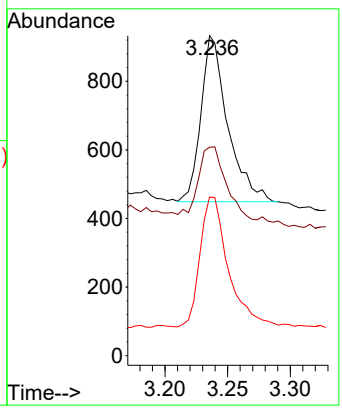


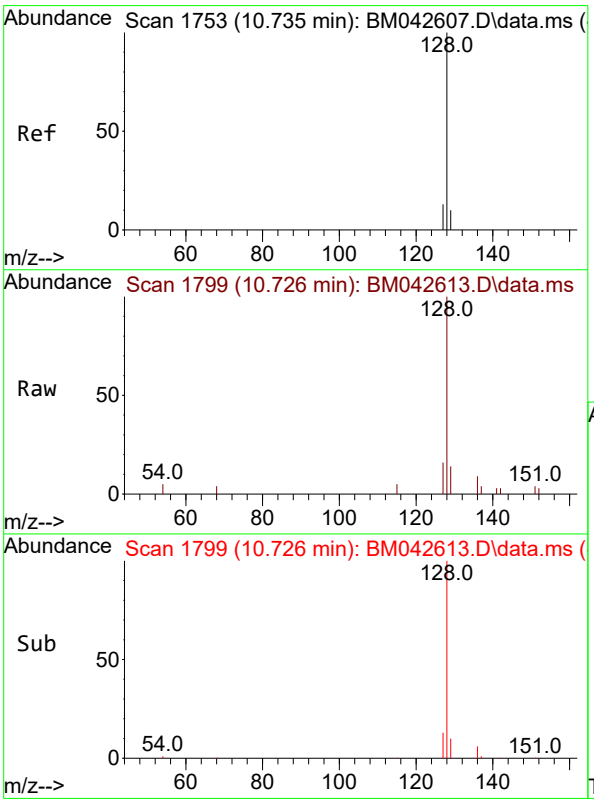
#2
1,4-Dioxane
Concen: 0.417 ng/ul
RT: 3.236 min Scan# 6
Delta R.T. -0.010 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion: 88 Resp: 719

Ion	Ratio	Lower	Upper
88	100		
43	65.2	77.5	116.3#
58	49.6	40.9	61.3

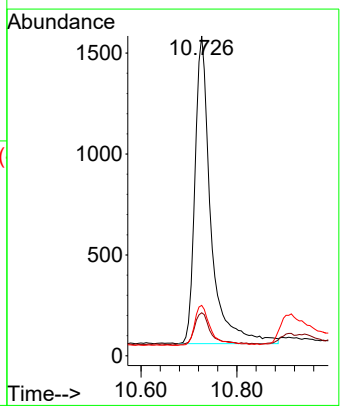


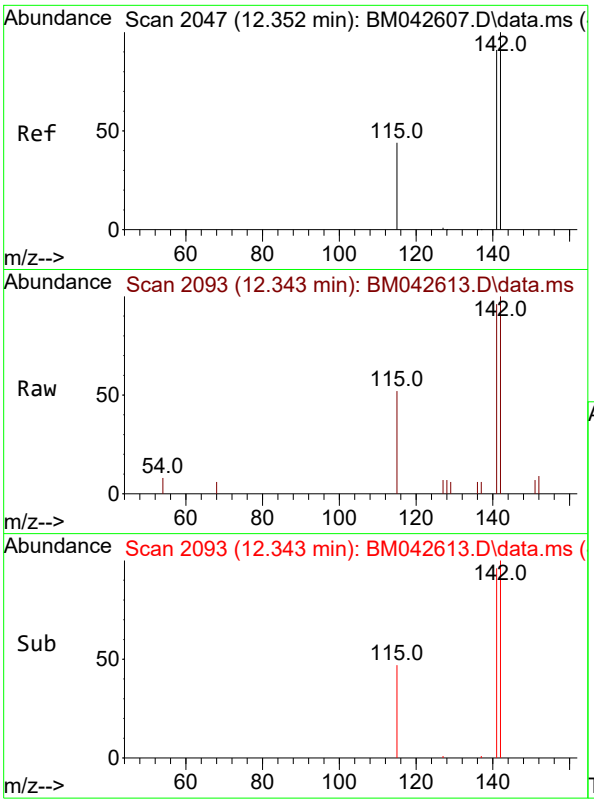


#5
Naphthalene
Concen: 0.407 ng/ul
RT: 10.726 min Scan# 1799
Delta R.T. -0.009 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Tgt Ion:128 Resp: 3486

Ion	Ratio	Lower	Upper
128	100		
129	13.5	11.3	16.9
127	15.8	13.0	19.4



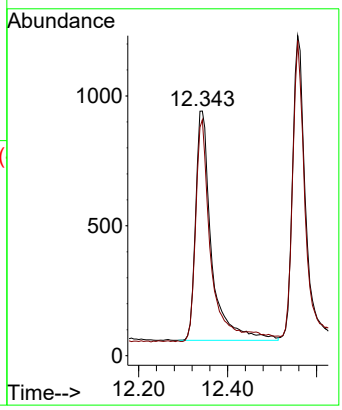


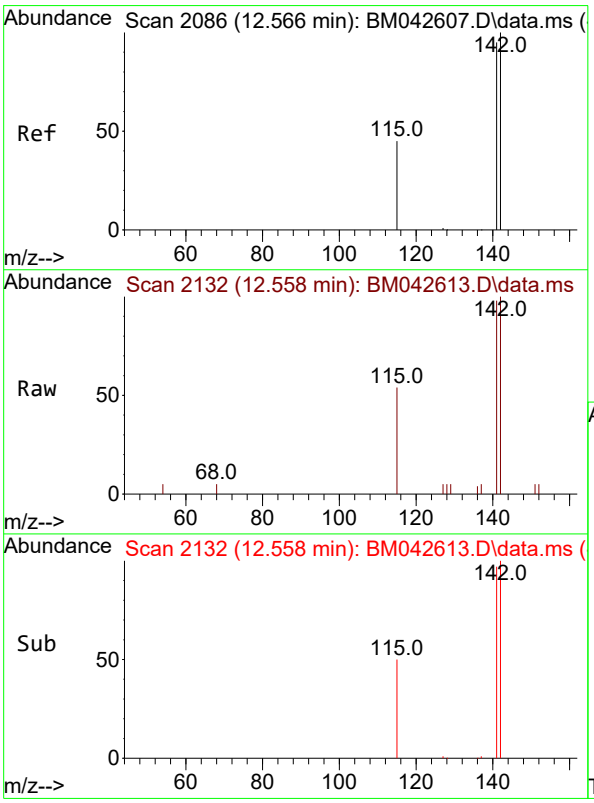
#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.343 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:142 Resp: 2198

Ion	Ratio	Lower	Upper
142	100		
141	95.5	71.7	107.5

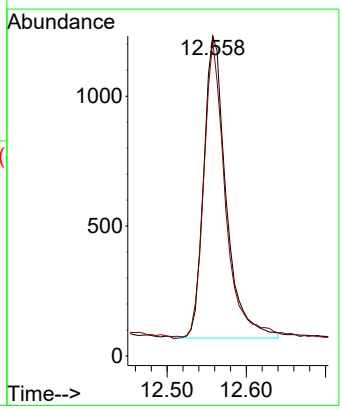


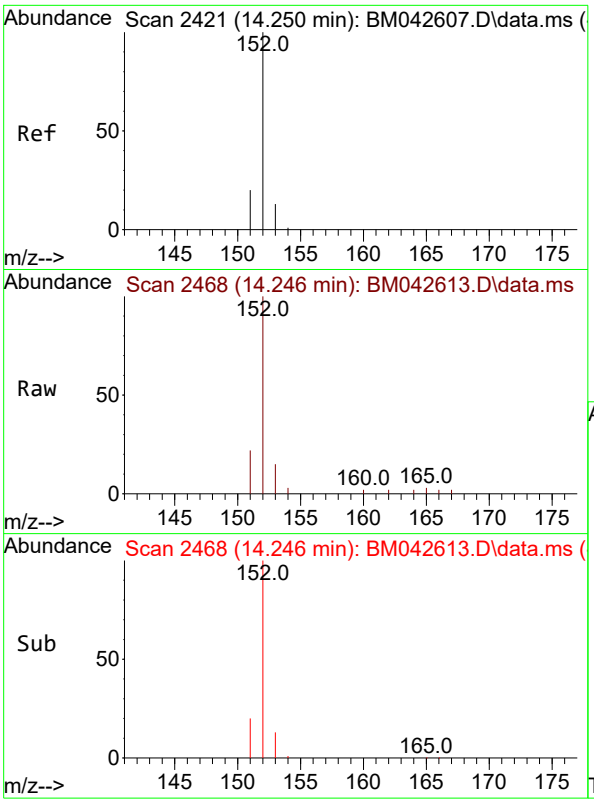


#8
1-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.558 min Scan# 2132
Delta R.T. -0.009 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Tgt Ion:142 Resp: 2277

Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.4	113.2



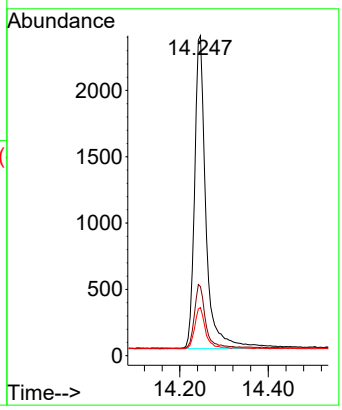


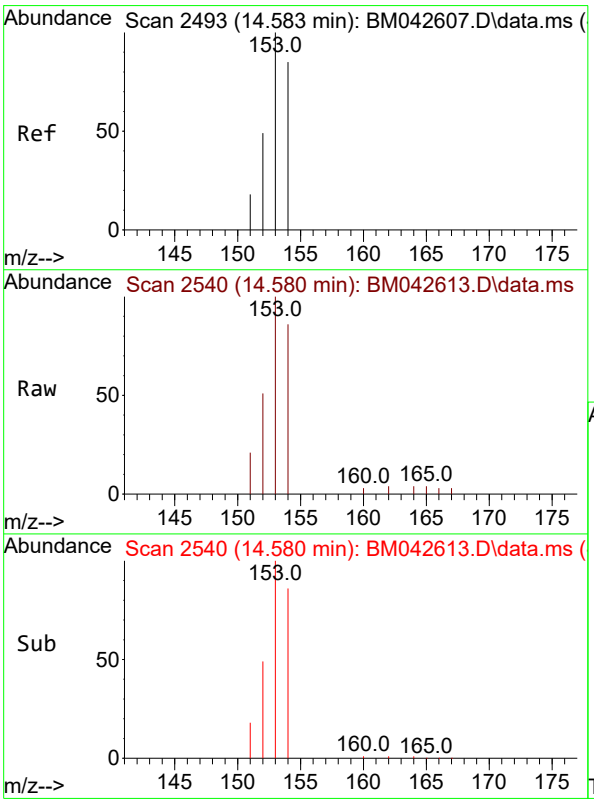
#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.246 min Scan# 24
Delta R.T. 0.001 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:152 Resp: 4235

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.2	25.8
153	15.0	11.8	17.8

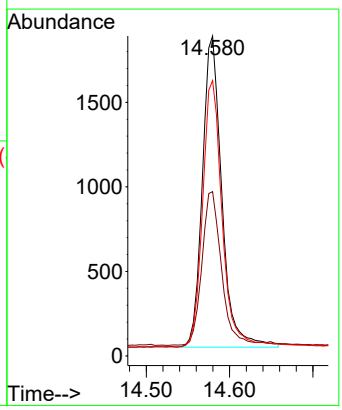


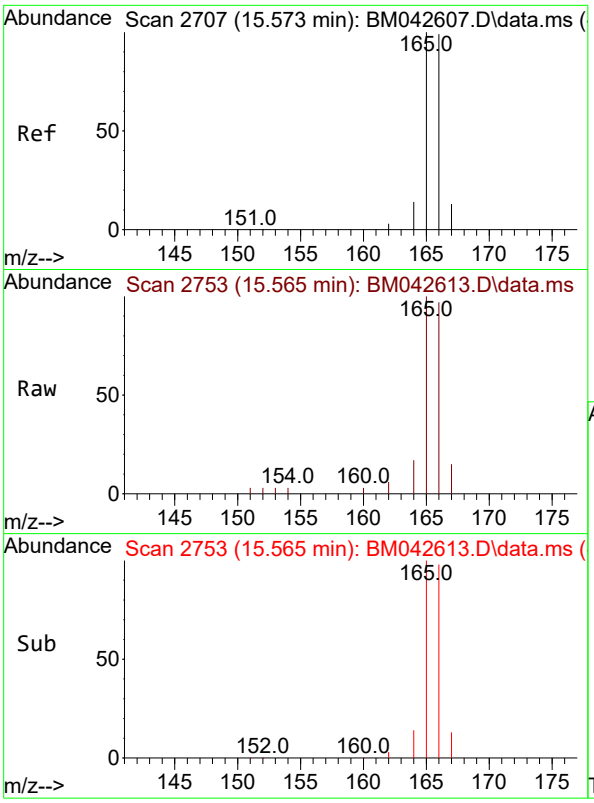


#11
Acenaphthene
Concen: 0.406 ng/ul
RT: 14.580 min Scan# 2540
Delta R.T. 0.001 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Tgt Ion:153 Resp: 2987

Ion	Ratio	Lower	Upper
153	100		
152	51.3	41.8	62.6
154	86.1	69.2	103.8



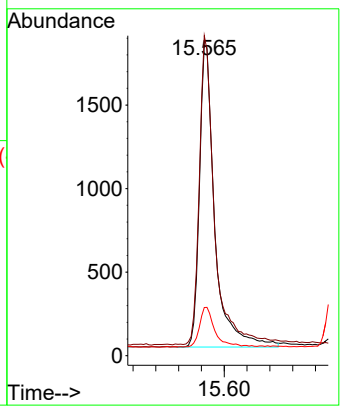


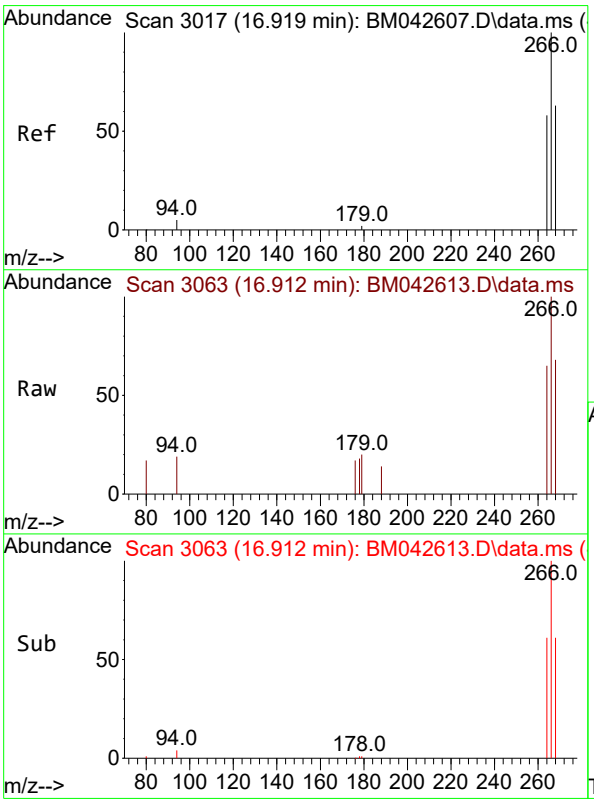
#12
Fluorene
Concen: 0.400 ng/ul
RT: 15.565 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:166 Resp: 3380

Ion	Ratio	Lower	Upper
166	100		
165	103.0	81.2	121.8
167	15.5	11.9	17.9

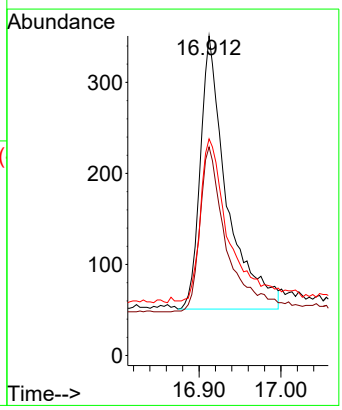


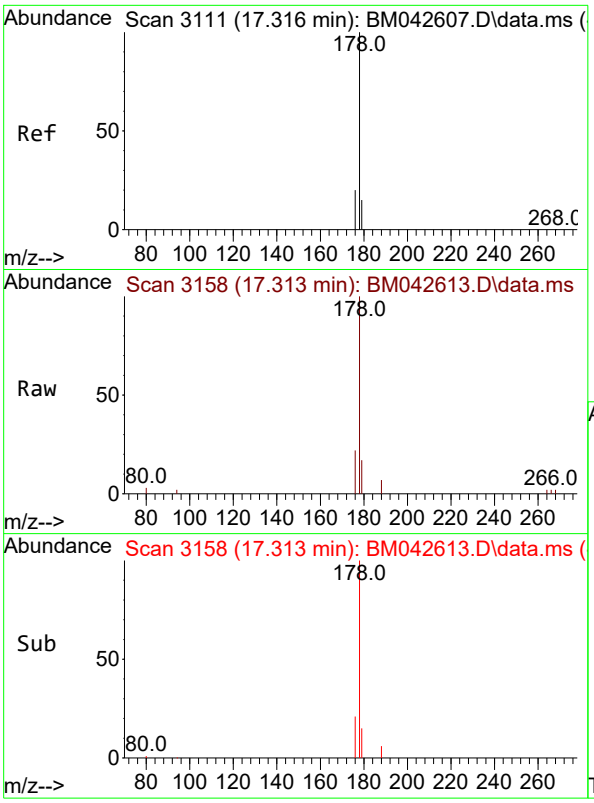


#14
Pentachlorophenol
Concen: 0.418 ng/ul
RT: 16.912 min Scan# 3063
Delta R.T. 0.001 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Tgt Ion:266 Resp: 675

Ion	Ratio	Lower	Upper
266	100		
264	60.6	50.4	75.6
268	61.5	54.8	82.2



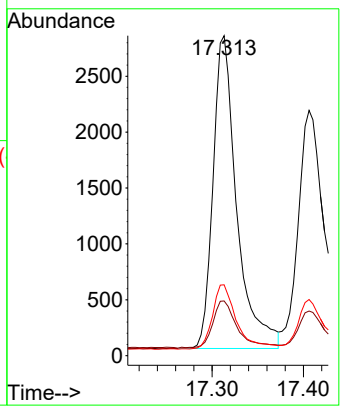


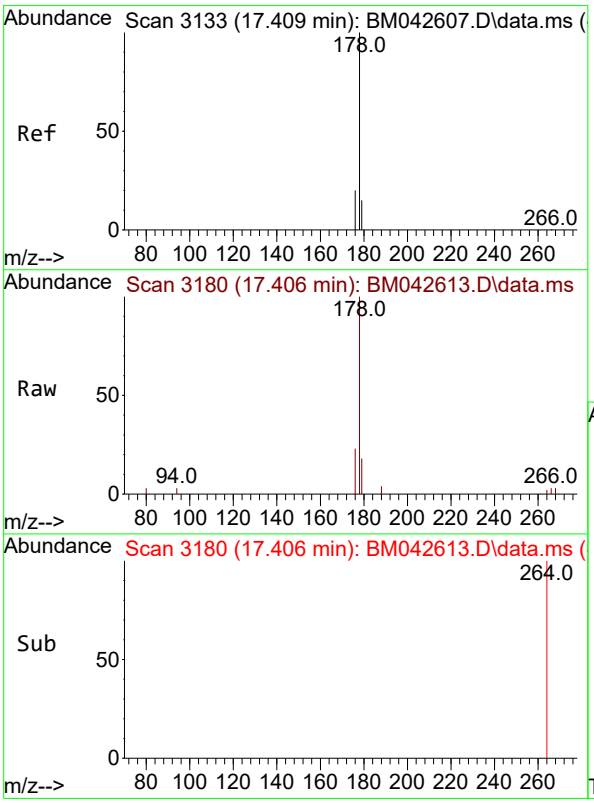
#15
Phenanthrene
Concen: 0.410 ng/ul
RT: 17.313 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:178 Resp: 5035

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.7	20.5
176	22.1	18.2	27.2

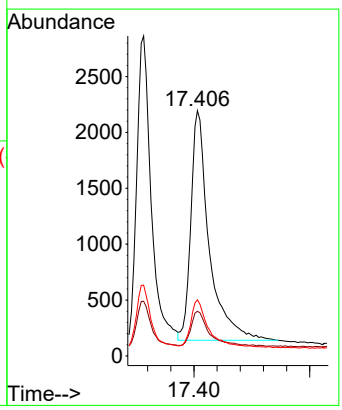


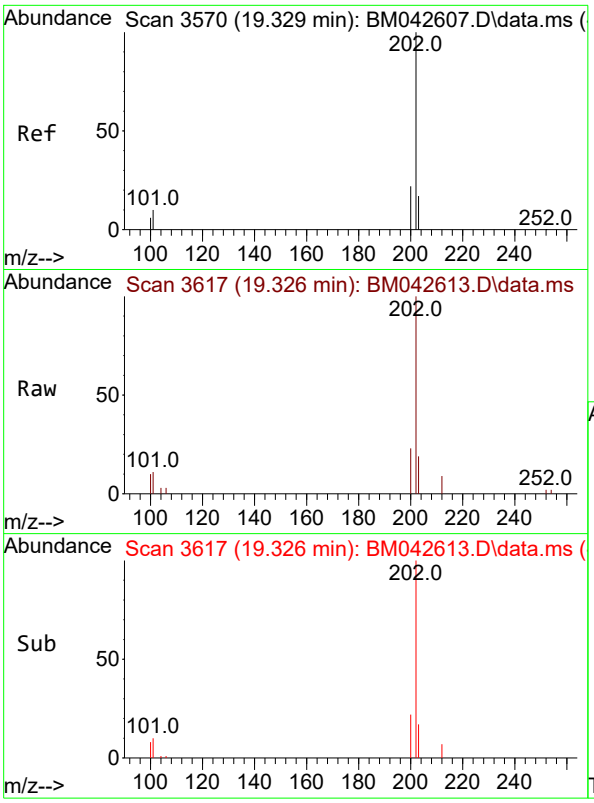


#16
Anthracene
Concen: 0.405 ng/ul
RT: 17.406 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Tgt Ion:178 Resp: 4510

Ion	Ratio	Lower	Upper
178	100		
179	18.2	14.2	21.4
176	22.9	17.6	26.4



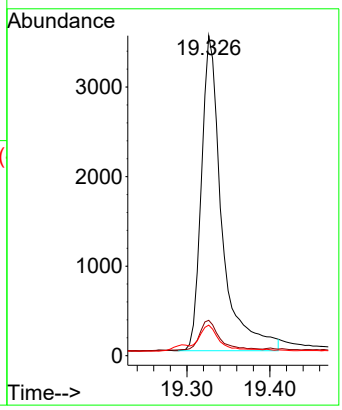


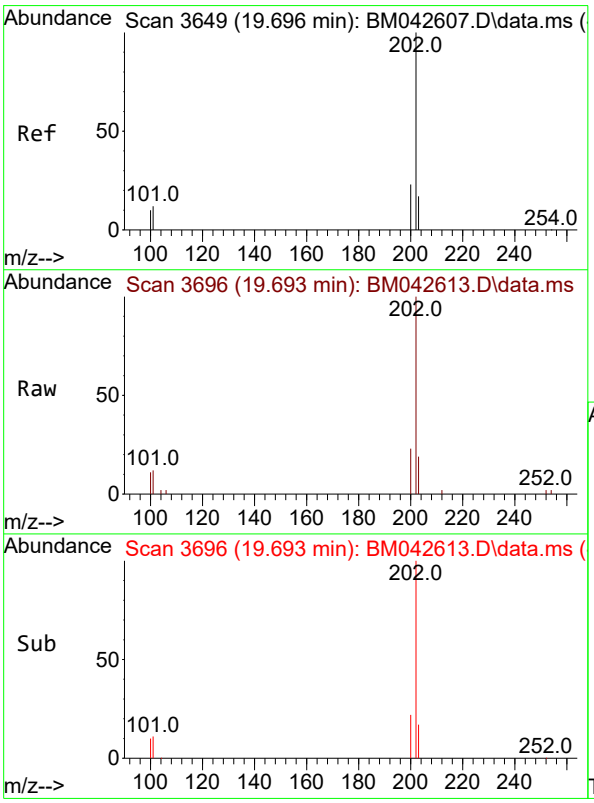
#19
Fluoranthene
Concen: 0.399 ng/ul
RT: 19.326 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:202 Resp: 6042

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.6
100	9.5	7.3	10.9

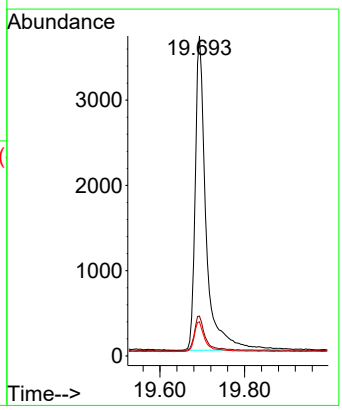


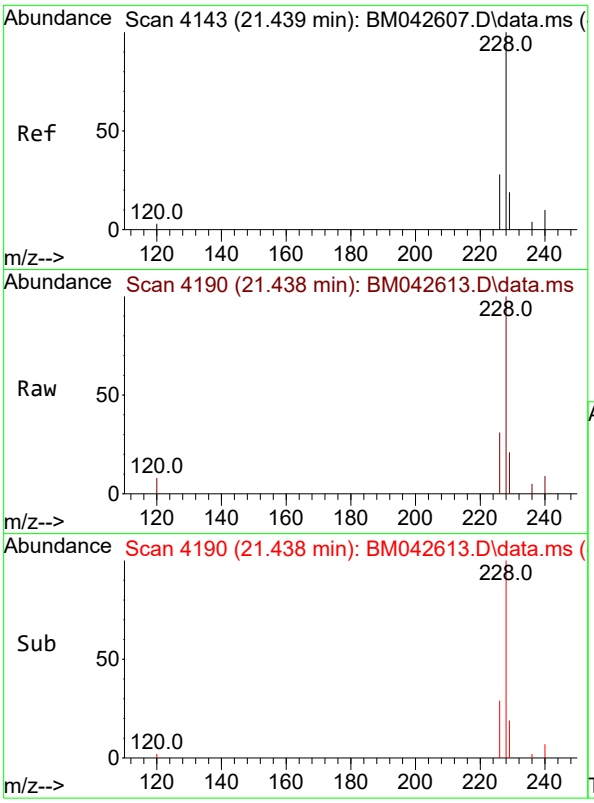


#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.693 min Scan# 3696
Delta R.T. -0.003 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Tgt Ion:202 Resp: 6573

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.6	16.0
100	10.7	8.6	13.0



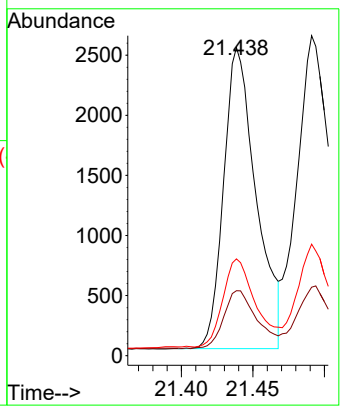


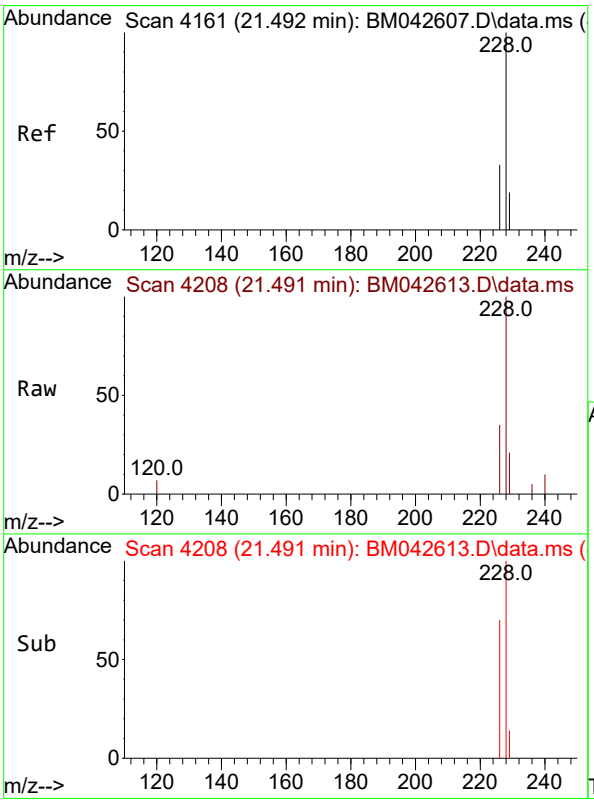
#21
Benzo(a)anthracene
Concen: 0.369 ng/ul
RT: 21.438 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:228 Resp: 3976

Ion	Ratio	Lower	Upper
228	100		
229	21.1	17.0	25.4
226	31.4	25.2	37.8

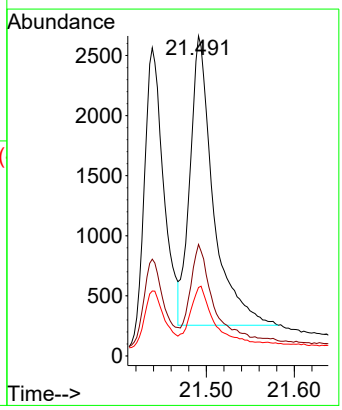


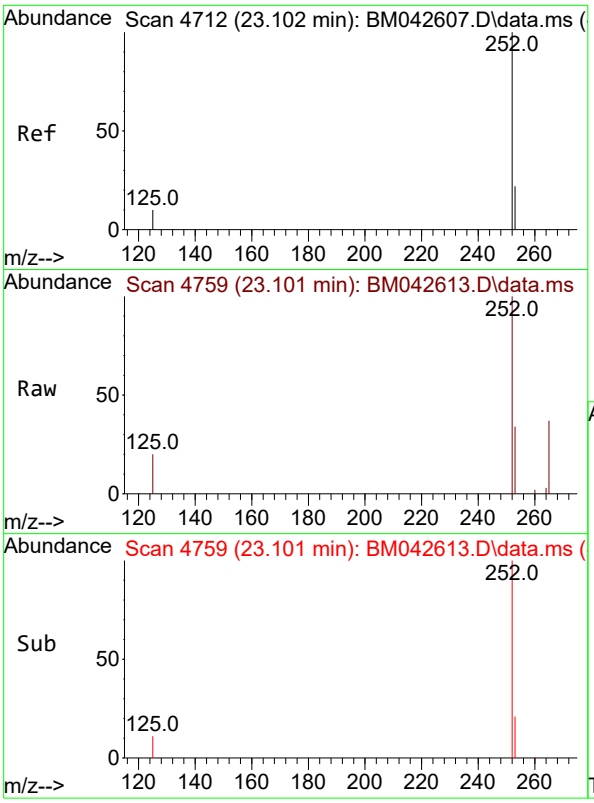


#22
Chrysene
Concen: 0.398 ng/ul
RT: 21.491 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Tgt Ion:228 Resp: 4442

Ion	Ratio	Lower	Upper
228	100		
226	34.8	27.4	41.0
229	21.4	17.0	25.6



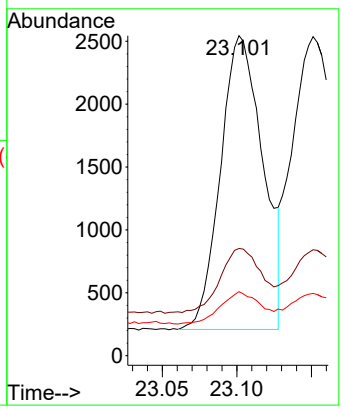


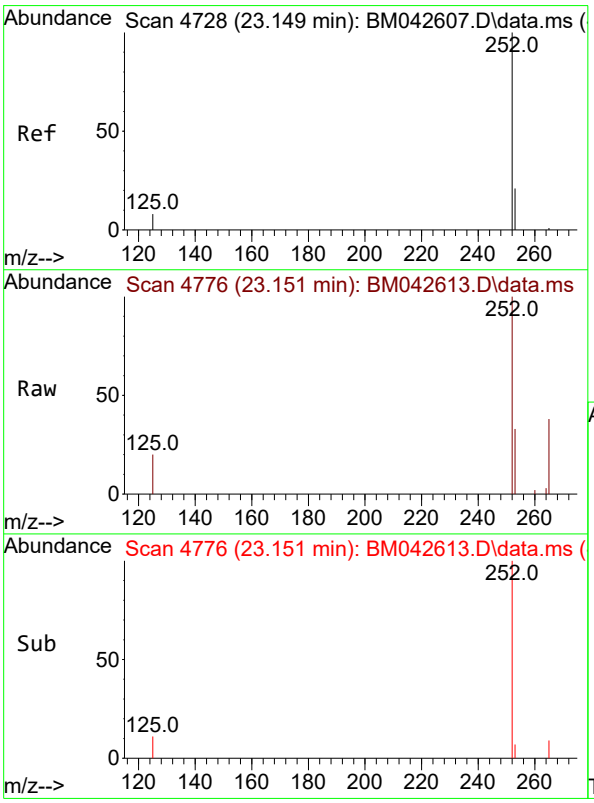
#24
Benzo(b)fluoranthene
Concen: 0.392 ng/ul
RT: 23.101 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:252 Resp: 4623

Ion	Ratio	Lower	Upper
252	100		
253	33.5	0.0	65.8
125	20.0	0.0	43.6

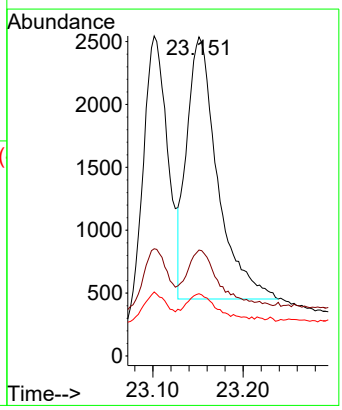


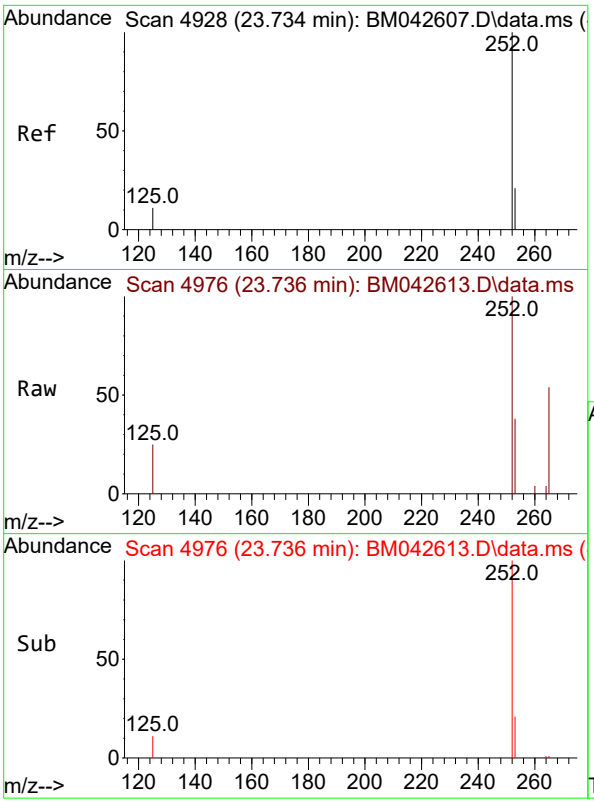


#25
Benzo(k)fluoranthene
Concen: 0.399 ng/ul
RT: 23.151 min Scan# 4776
Delta R.T. 0.002 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Tgt Ion:252 Resp: 4927

Ion	Ratio	Lower	Upper
252	100		
253	33.2	27.0	40.6
125	19.5	17.5	26.3



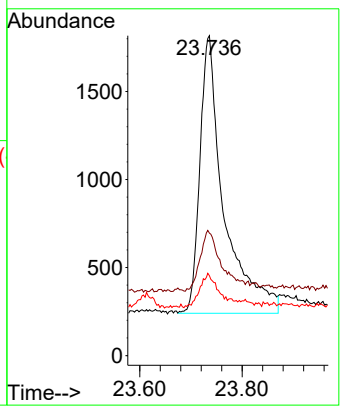


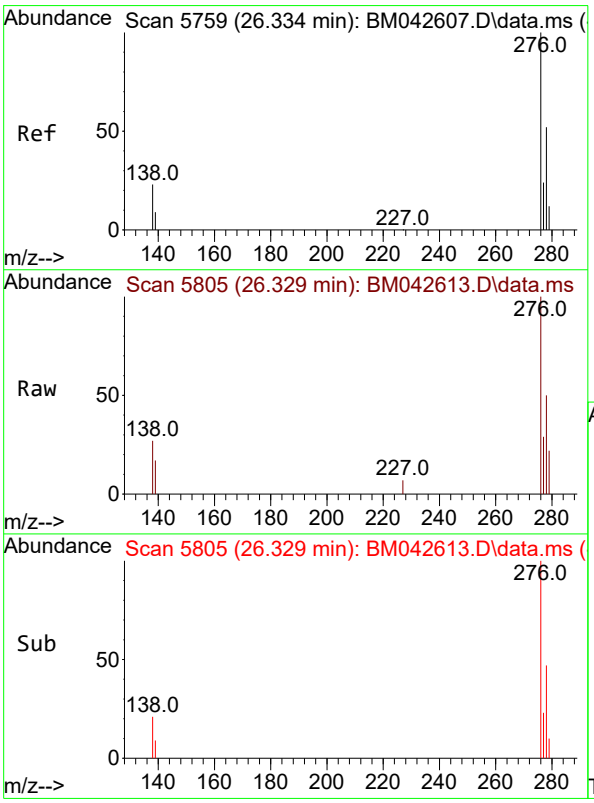
#26
Benzo(a)pyrene
Concen: 0.420 ng/ul
RT: 23.736 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:252 Resp: 5127

Ion	Ratio	Lower	Upper
252	100		
253	38.3	31.7	47.5
125	25.0	22.1	33.1

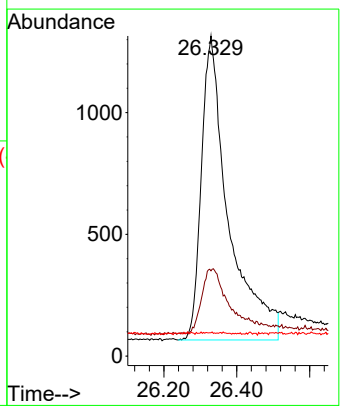


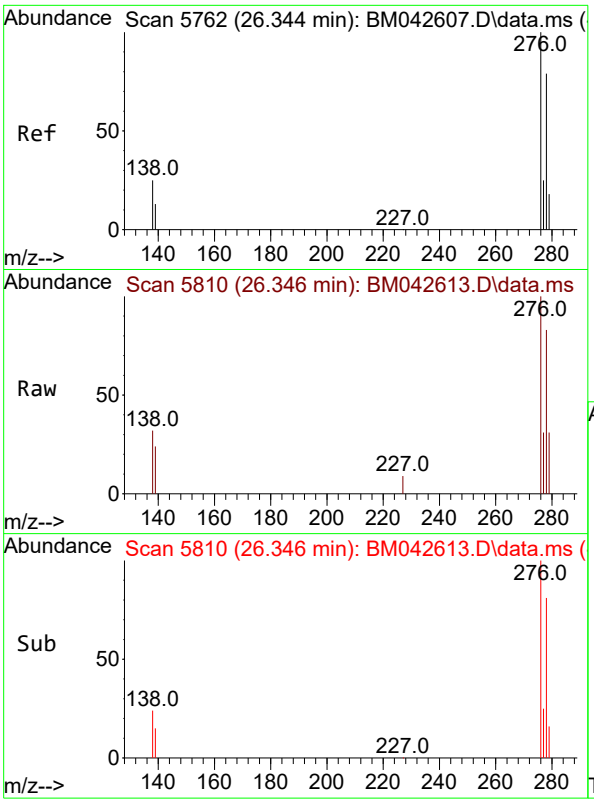


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.329 min Scan# 5805
Delta R.T. 0.001 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Tgt Ion:276 Resp: 6436

Ion	Ratio	Lower	Upper
276	100		
138	23.8	20.7	31.1
227	0.0	0.1	0.1#



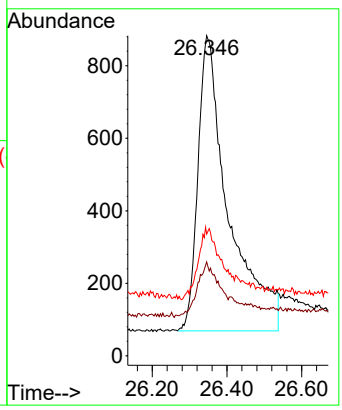


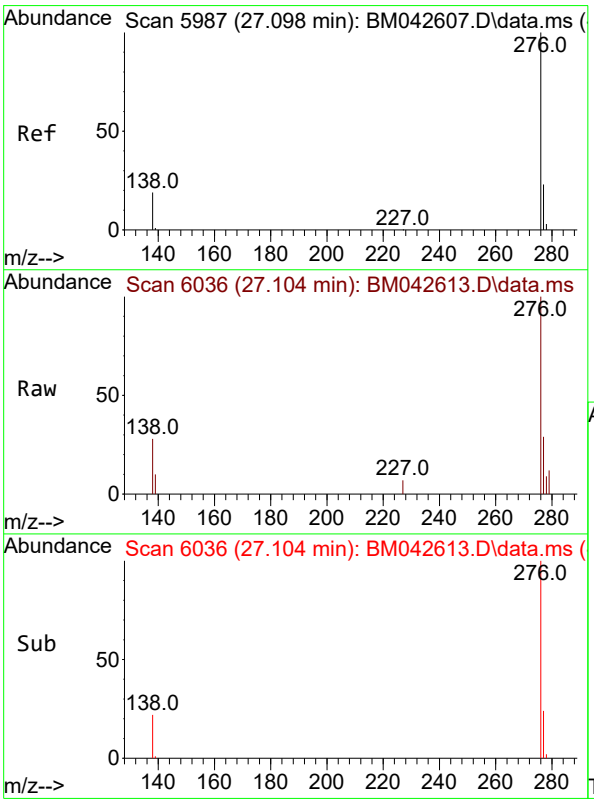
#28
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 26.346 min Scan# 5
Delta R.T. -0.002 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4125

Tgt Ion:278 Resp: 4624

Ion	Ratio	Lower	Upper
278	100		
139	29.3	24.3	36.5
279	38.1	31.5	47.3





#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 27.104 min Scan# 6036
Delta R.T. -0.002 min
Lab File: BM042613.D
Acq: 07 Nov 2023 15:30

Tgt Ion:276 Resp: 5889

Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.3	33.5
277	29.3	23.6	35.4