Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
Data File : BM042648.D
Acq On : 08 Nov 2023 14:22
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 08 22:54:44 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	1027	0.400	ng/ul	0.00
4) Naphthalene-d8	10.672	136	2231	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	1247	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.268	188	2395	0.400	ng/ul	0.00
17) Chrysene-d12	21.449	240	1824	0.400	ng/ul	# 0.00
23) Perylene-d12	23.826	264	2123	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	595	0.438	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	1222	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.290	212	2502	0.396	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	752	0.466	ng/ul#	71
5) Naphthalene	10.722	128	2982	0.414	ng/ul	99
7) 2-Methylnaphthalene	12.339	142	1836	0.397	ng/ul	94
8) 1-Methylnaphthalene	12.559	142	1850	0.395	ng/ul	100
10) Acenaphthylene	14.243	152	3377	0.396	ng/ul	98
11) Acenaphthene	14.571	153	2387	0.412	ng/ul	98
12) Fluorene	15.566	166	2618	0.394	ng/ul	99
14) Pentachlorophenol	16.913	266	433	0.355	ng/ul	97
15) Phenanthrene	17.306	178	3787	0.408	ng/ul	99
16) Anthracene	17.403	178	3399	0.404	ng/ul	98
19) Fluoranthene	19.323	202	4359	0.382	ng/ul	99
20) Pyrene	19.690	202	4758	0.380	ng/ul	97
21) Benzo(a)anthracene	21.435	228	2810	0.346	ng/ul	99
22) Chrysene	21.484	228	3130	0.373	ng/ul	100
24) Benzo(b)fluoranthene	23.092	252	3285	0.383	ng/ul	95
25) Benzo(k)fluoranthene	23.142	252	3494	0.389	ng/ul#	93
26) Benzo(a)pyrene	23.726	252	3631	0.409	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.312	276	4603	0.399	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.332	278	3304	0.401	ng/ul	95
29) Benzo(g,h,i)perylene	27.087	276	4268	0.398	ng/ul	98

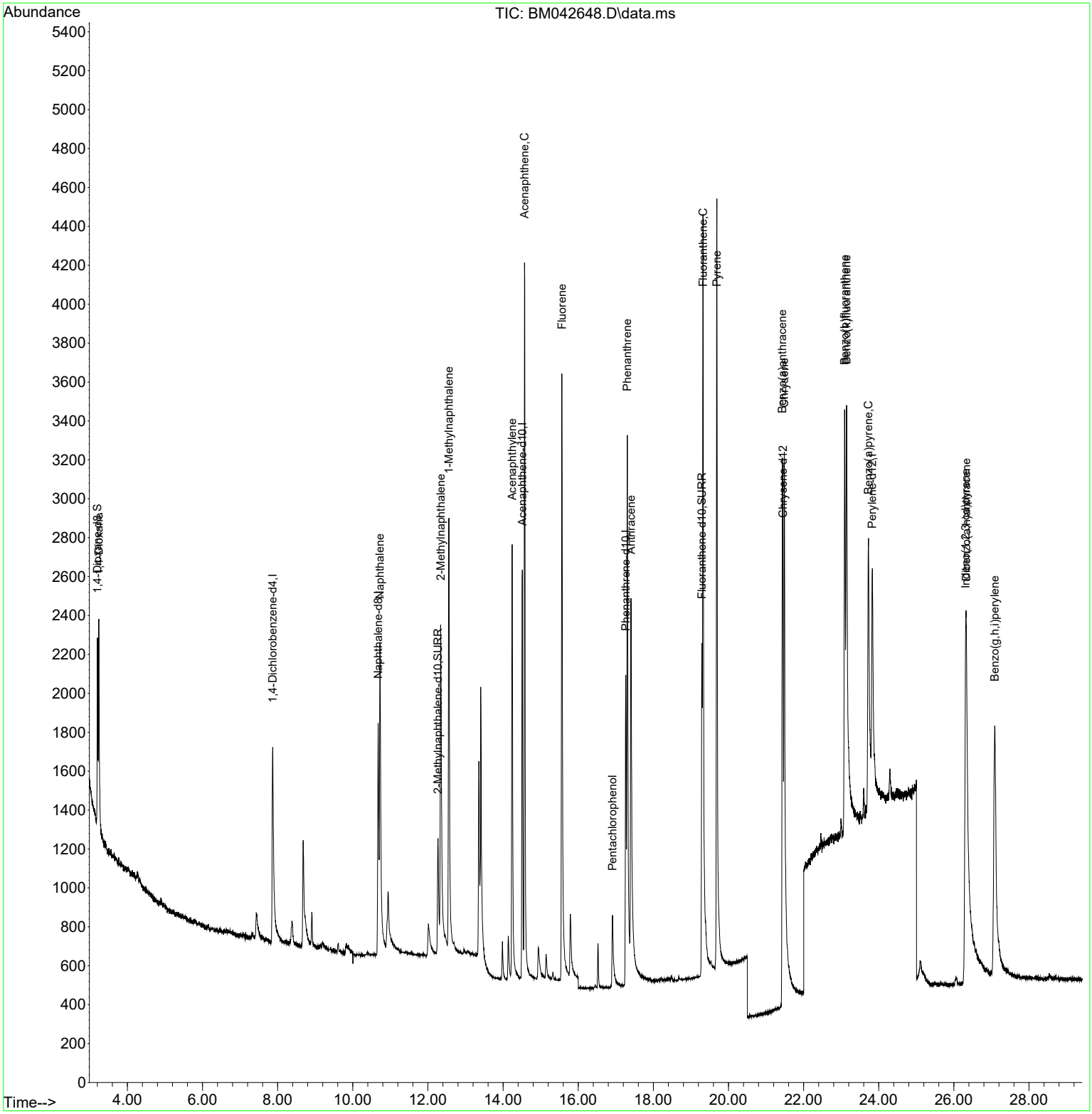
(#) = qualifier out of range (m) = manual integration (+) = signals summed

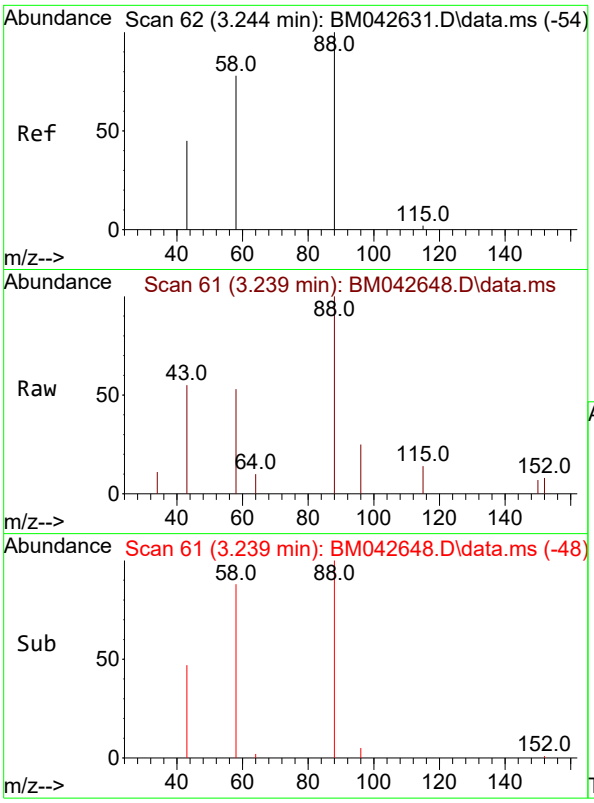
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
Data File : BM042648.D
Acq On : 08 Nov 2023 14:22
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 08 22:54:44 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



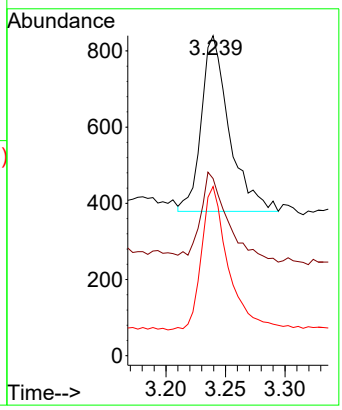


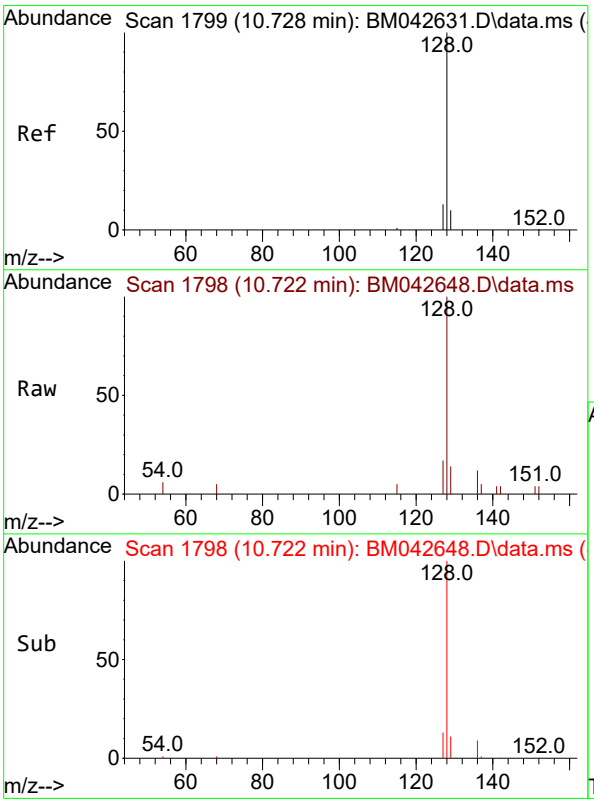
#2
1,4-Dioxane
Concen: 0.466 ng/ul
RT: 3.239 min Scan# 6
Delta R.T. -0.007 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 752

Ion	Ratio	Lower	Upper
88	100		
43	55.4	77.5	116.3#
58	52.9	40.9	61.3

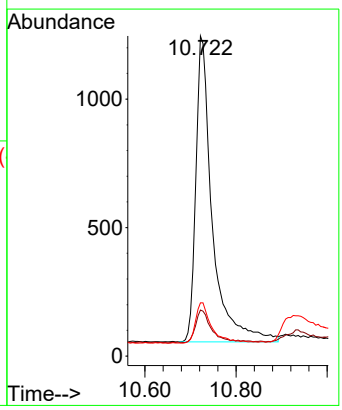


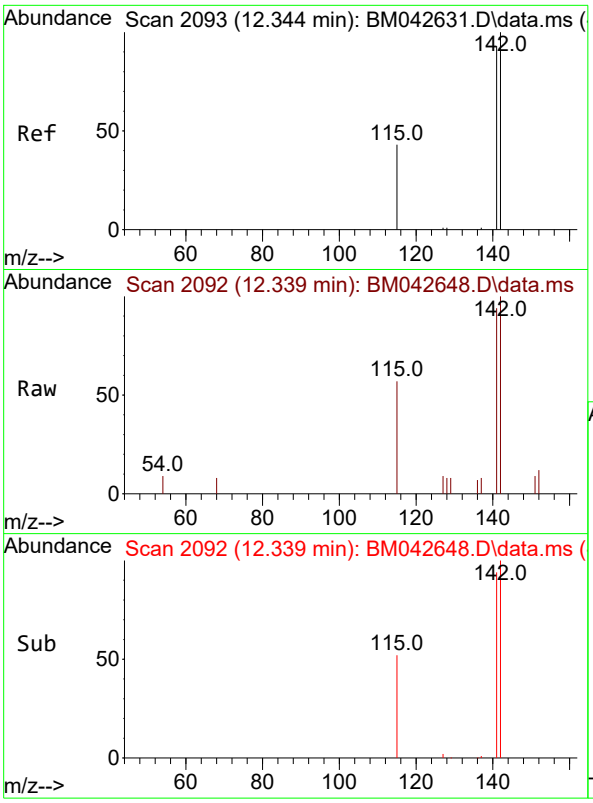


#5
Naphthalene
Concen: 0.414 ng/ul
RT: 10.722 min Scan# 1798
Delta R.T. -0.013 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion:128 Resp: 2982

Ion	Ratio	Lower	Upper
128	100		
129	14.4	11.3	16.9
127	16.6	13.0	19.4



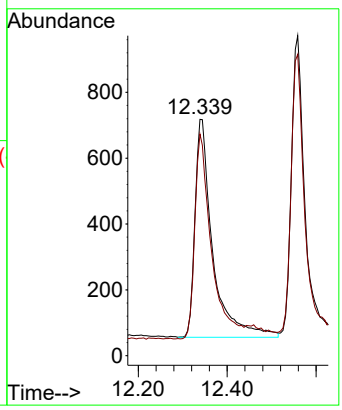


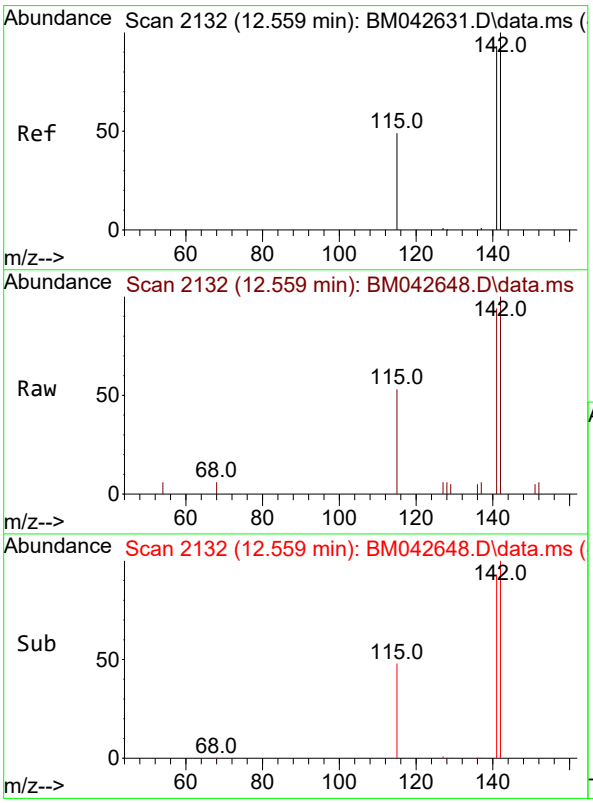
#7
2-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.339 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1836

Ion	Ratio	Lower	Upper
142	100		
141	95.0	71.7	107.5

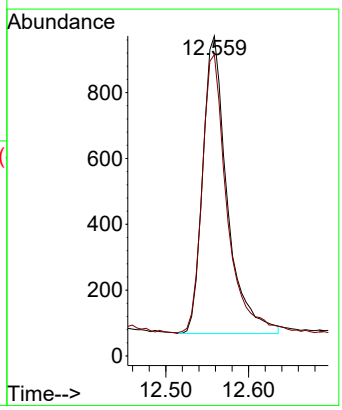


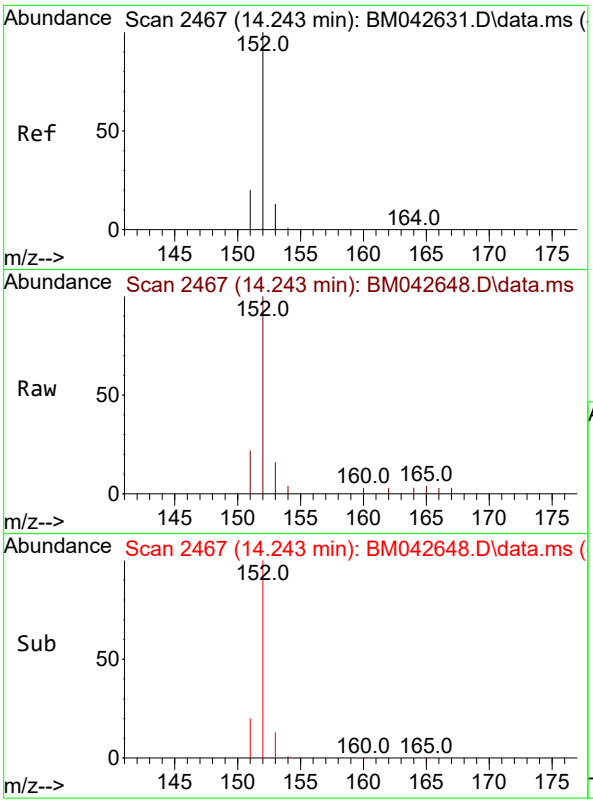


#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.559 min Scan# 2132
Delta R.T. -0.008 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion:142 Resp: 1850

Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.4	113.2



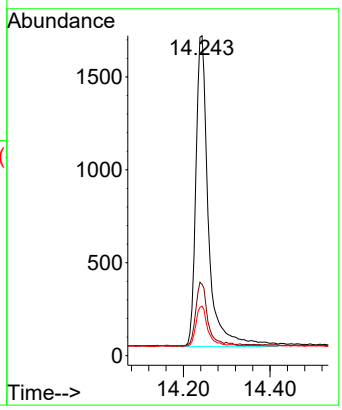


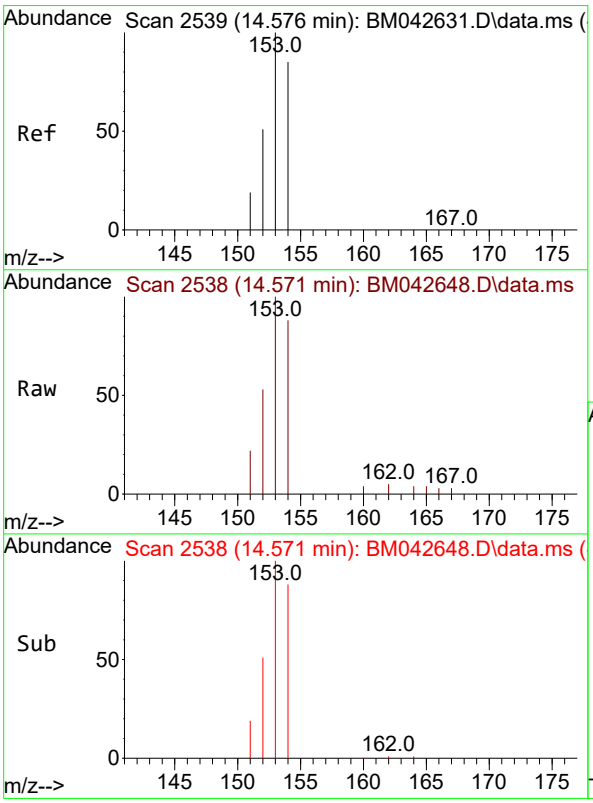
#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 14.243 min Scan# 24
Delta R.T. -0.002 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 3377

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.2	25.8
153	15.5	11.8	17.8

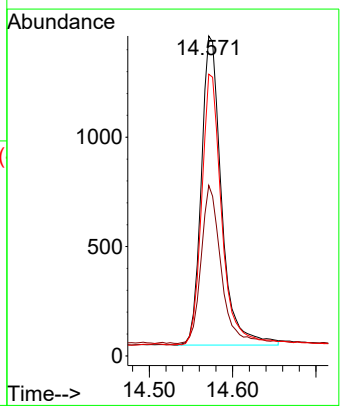


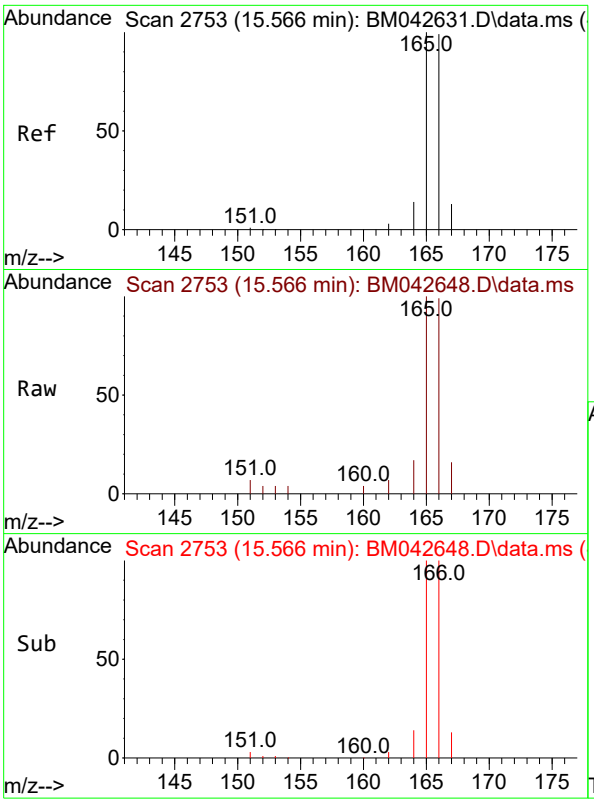


#11
Acenaphthene
Concen: 0.412 ng/ul
RT: 14.571 min Scan# 2538
Delta R.T. -0.007 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion:153 Resp: 2387

Ion	Ratio	Lower	Upper
153	100		
152	53.3	41.8	62.6
154	88.0	69.2	103.8



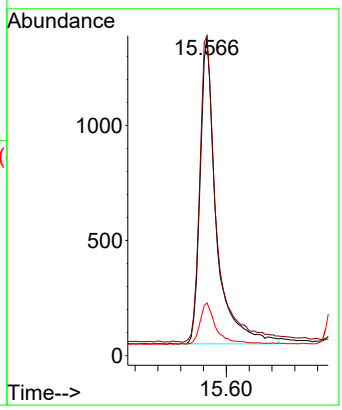


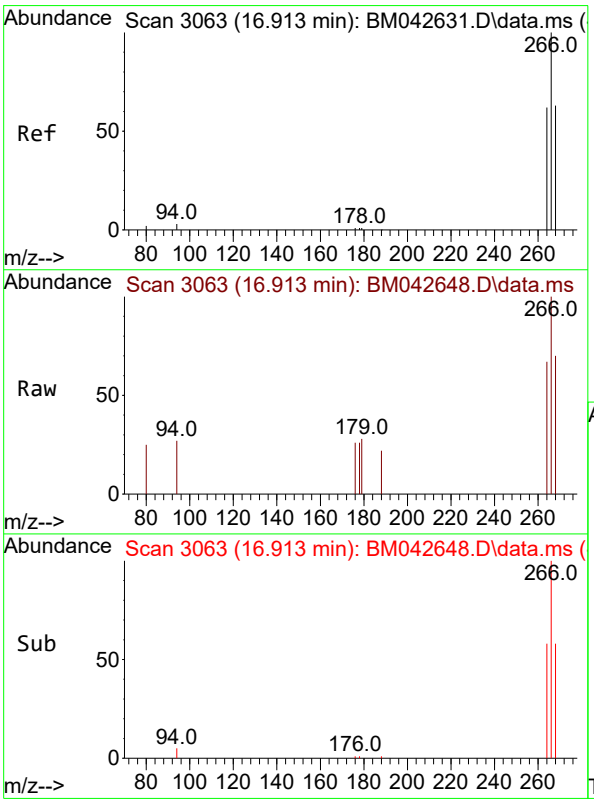
#12
Fluorene
Concen: 0.394 ng/ul
RT: 15.566 min Scan# 2
Delta R.T. -0.002 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 2618

Ion	Ratio	Lower	Upper
166	100		
165	101.2	81.2	121.8
167	16.7	11.9	17.9

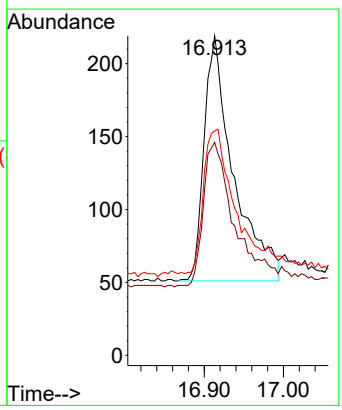


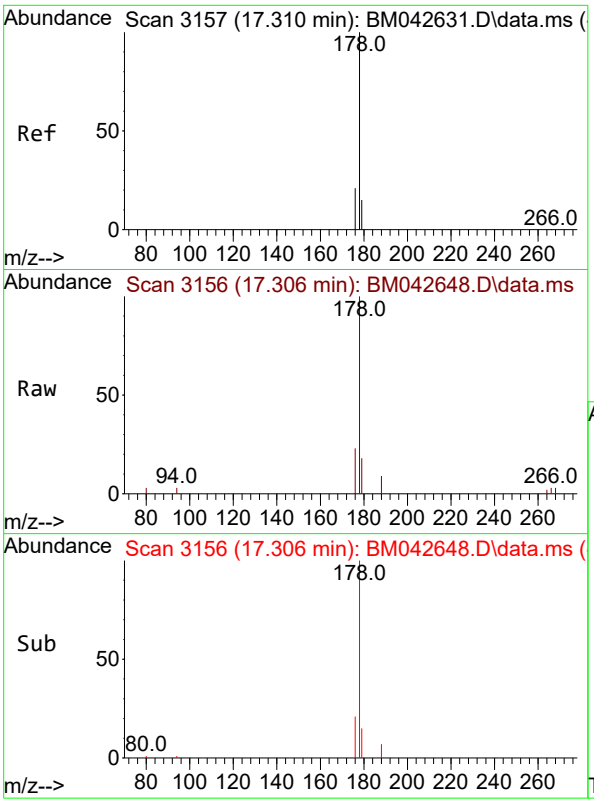


#14
Pentachlorophenol
Concen: 0.355 ng/ul
RT: 16.913 min Scan# 3063
Delta R.T. 0.002 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion:266 Resp: 433

Ion	Ratio	Lower	Upper
266	100		
264	64.0	50.4	75.6
268	64.2	54.8	82.2



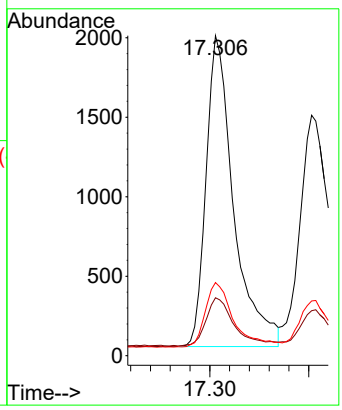


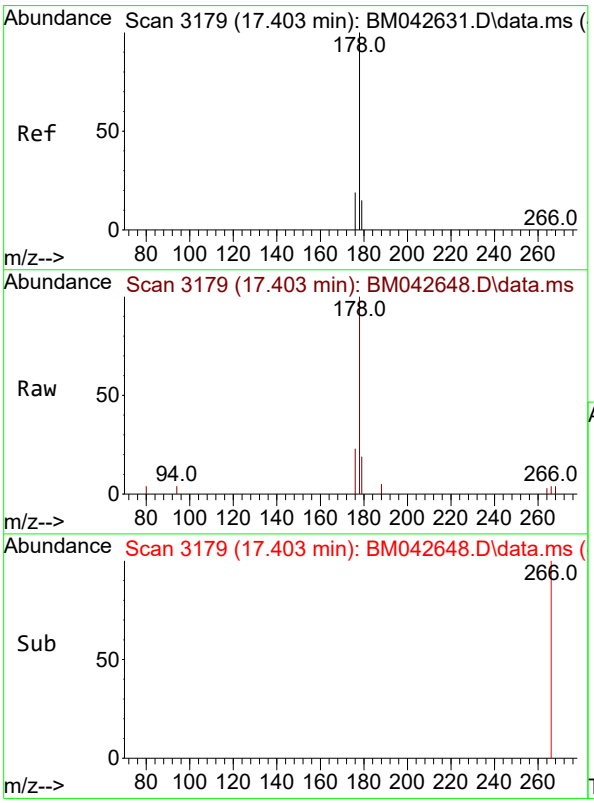
#15
Phenanthrene
Concen: 0.408 ng/ul
RT: 17.306 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3787

Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.7	20.5
176	22.9	18.2	27.2

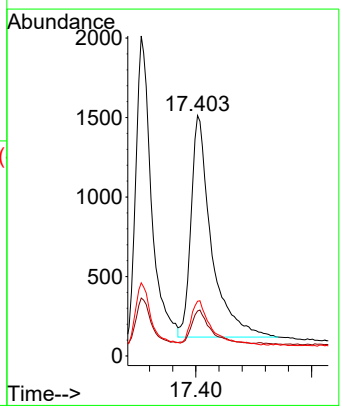


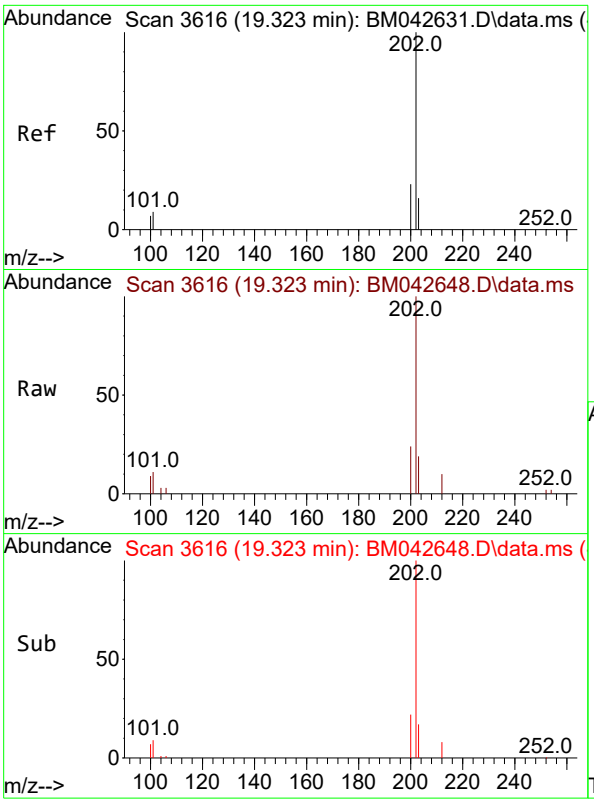


#16
Anthracene
Concen: 0.404 ng/ul
RT: 17.403 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion:178 Resp: 3399

Ion	Ratio	Lower	Upper
178	100		
179	18.7	14.2	21.4
176	22.8	17.6	26.4



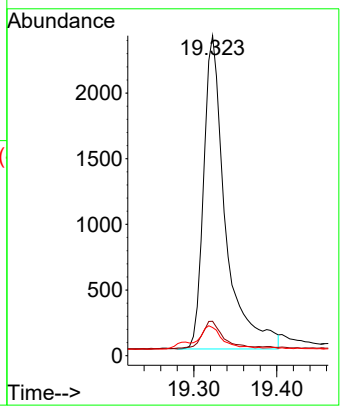


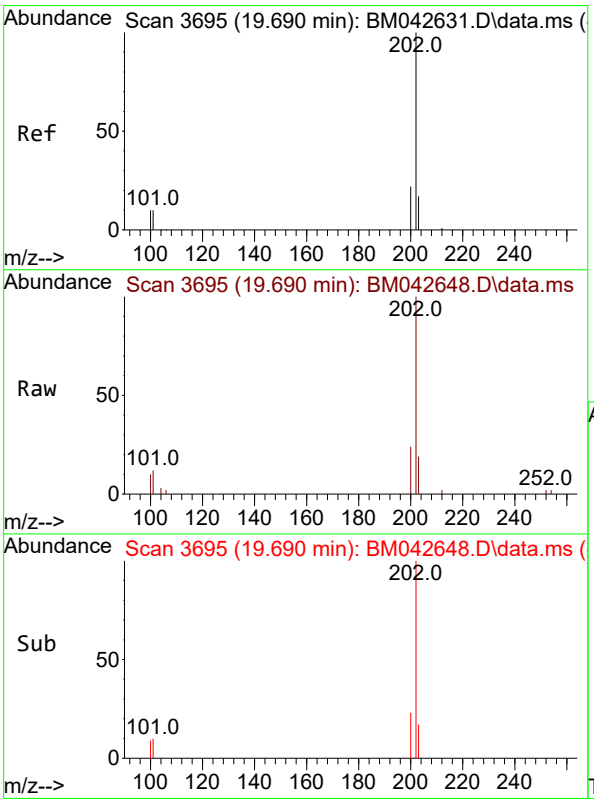
#19
Fluoranthene
Concen: 0.382 ng/ul
RT: 19.323 min Scan# 3
Delta R.T. -0.007 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4359

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.0	13.6
100	8.8	7.3	10.9

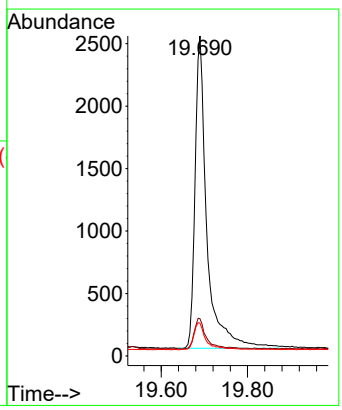


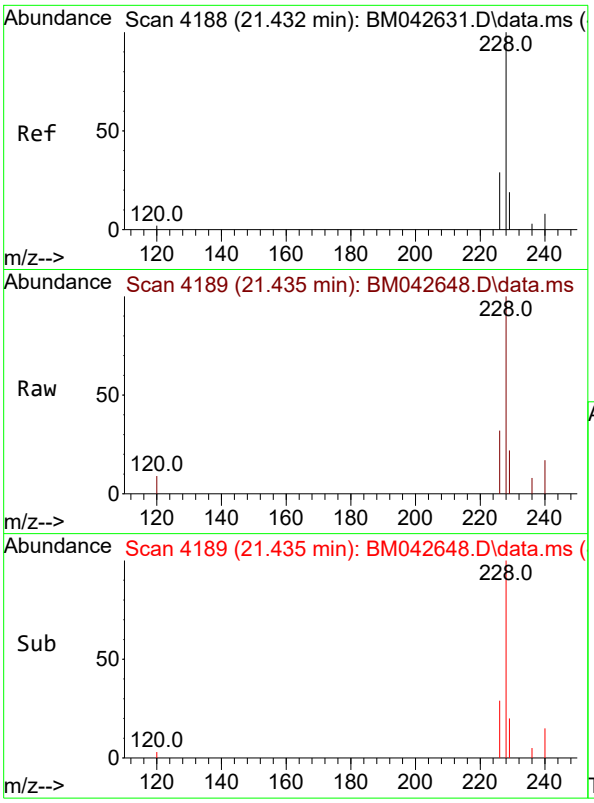


#20
Pyrene
Concen: 0.380 ng/ul
RT: 19.690 min Scan# 3695
Delta R.T. -0.007 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion:202 Resp: 4758

Ion	Ratio	Lower	Upper
202	100		
101	11.7	10.6	16.0
100	10.3	8.6	13.0



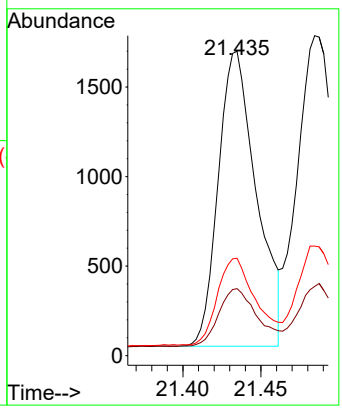


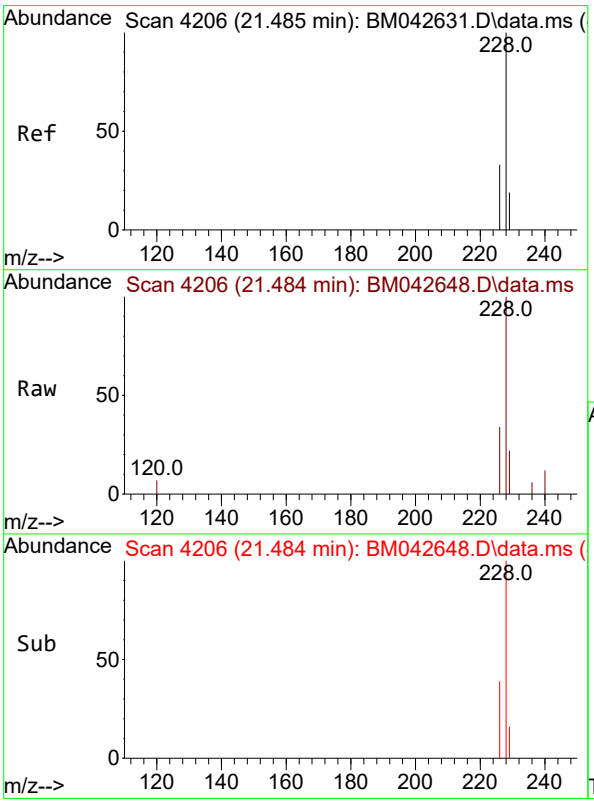
#21
Benzo(a)anthracene
Concen: 0.346 ng/ul
RT: 21.435 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2810

Ion	Ratio	Lower	Upper
228	100		
229	22.0	17.0	25.4
226	32.0	25.2	37.8

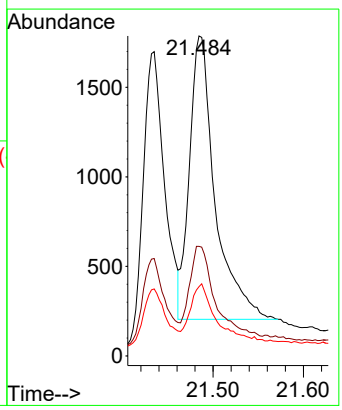


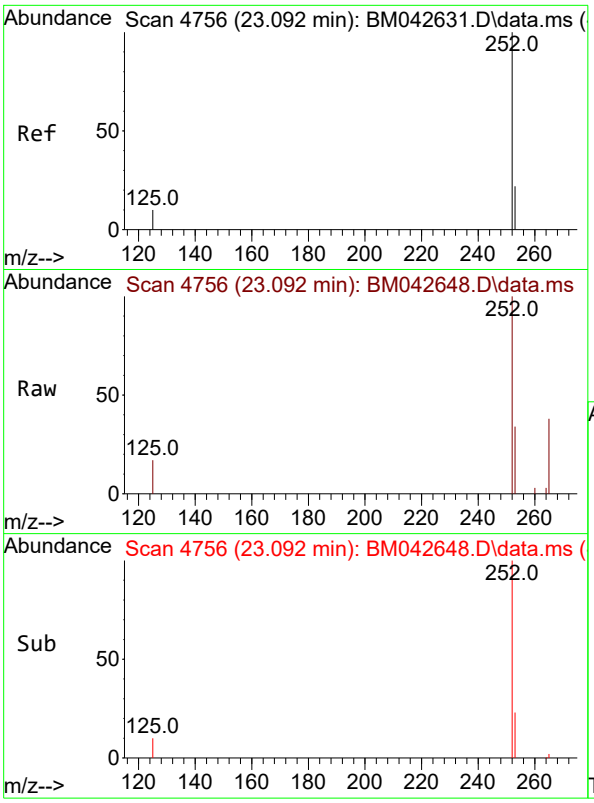


#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.484 min Scan# 4206
Delta R.T. -0.008 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion:228 Resp: 3130

Ion	Ratio	Lower	Upper
228	100		
226	34.2	27.4	41.0
229	21.7	17.0	25.6



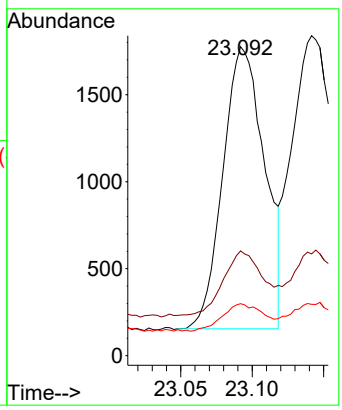


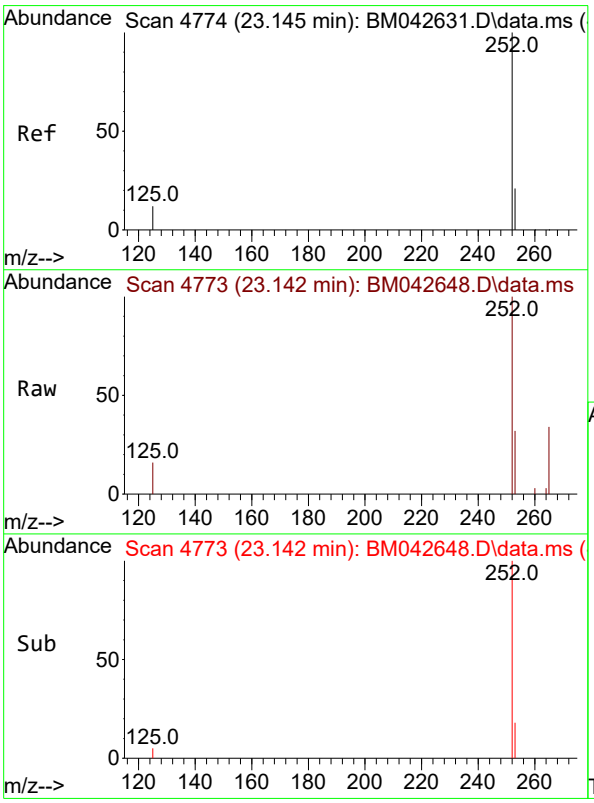
#24
Benzo(b)fluoranthene
Concen: 0.383 ng/ul
RT: 23.092 min Scan# 4
Delta R.T. -0.008 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3285

Ion	Ratio	Lower	Upper
252	100		
253	33.9	0.0	65.8
125	16.8	0.0	43.6

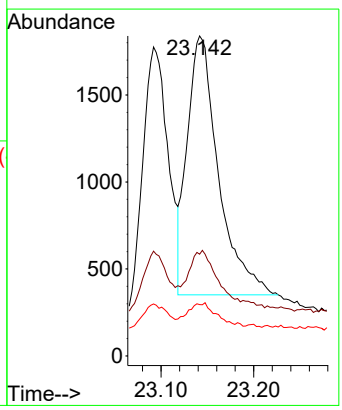


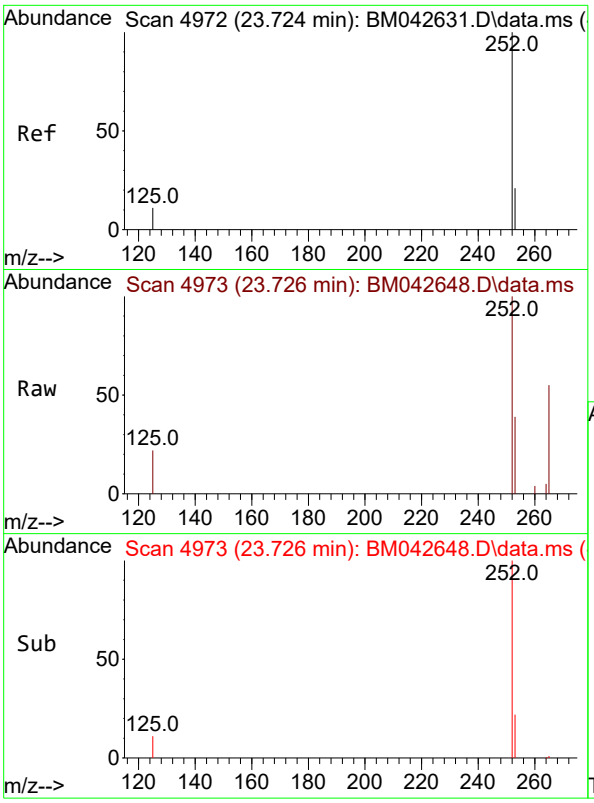


#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.142 min Scan# 4773
Delta R.T. -0.008 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion:252 Resp: 3494

Ion	Ratio	Lower	Upper
252	100		
253	31.8	27.0	40.6
125	16.0	17.5	26.3#



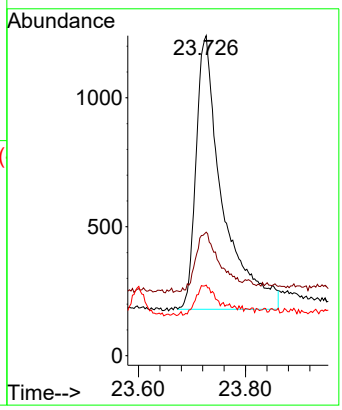


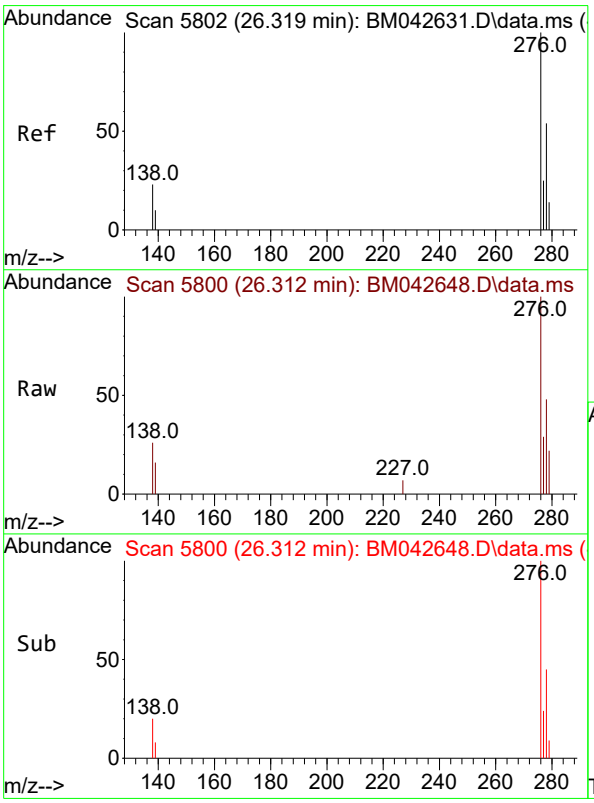
#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.726 min Scan# 4
Delta R.T. -0.008 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3631

Ion	Ratio	Lower	Upper
252	100		
253	38.6	31.7	47.5
125	22.1	22.1	33.1#

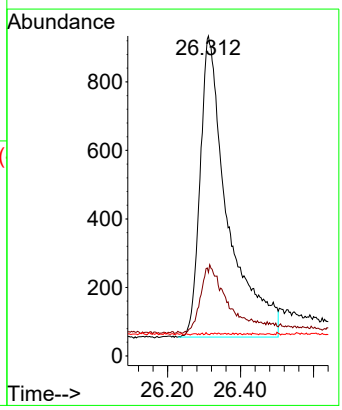


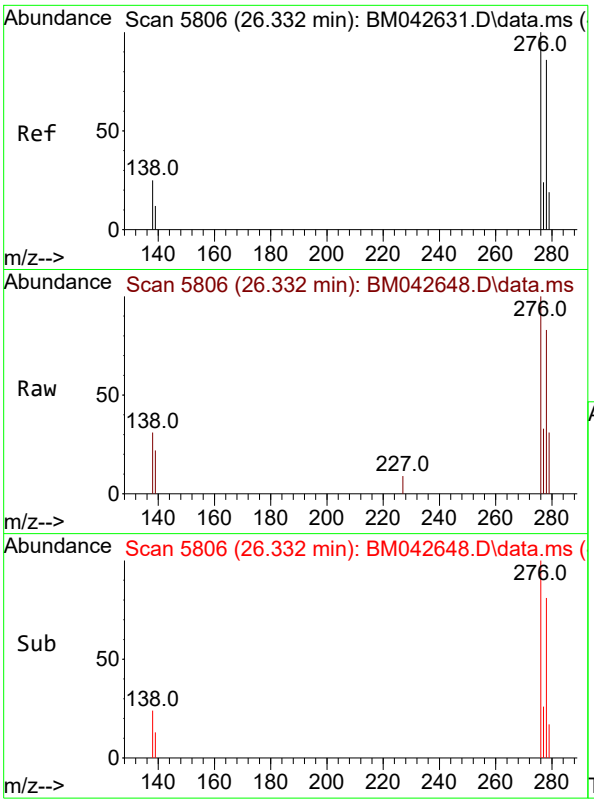


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng/ul
RT: 26.312 min Scan# 5800
Delta R.T. -0.016 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion:276 Resp: 4603

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



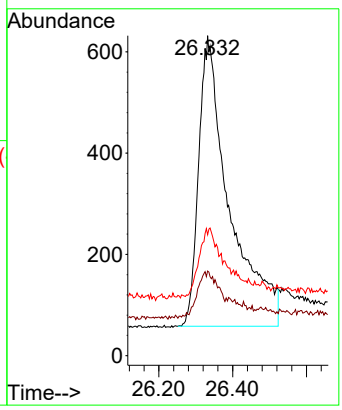


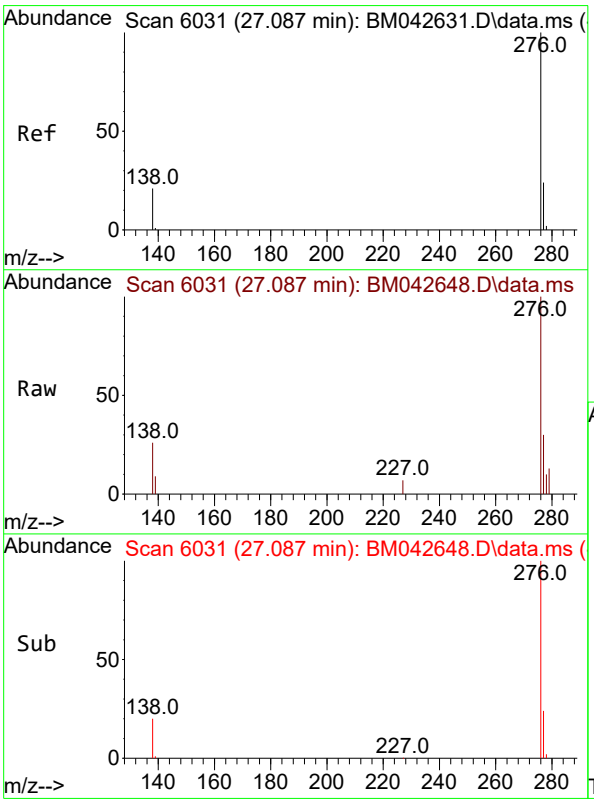
#28
Dibenzo(a,h)anthracene
Concen: 0.401 ng/ul
RT: 26.332 min Scan# 5
Delta R.T. -0.016 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 3304

Ion	Ratio	Lower	Upper
278	100		
139	26.4	24.3	36.5
279	37.8	31.5	47.3





#29
Benzo(g,h,i)perylene
Concen: 0.398 ng/ul
RT: 27.087 min Scan# 6031
Delta R.T. -0.019 min
Lab File: BM042648.D
Acq: 08 Nov 2023 14:22

Tgt Ion:276 Resp: 4268

Ion	Ratio	Lower	Upper
276	100		
138	26.4	22.3	33.5
277	30.2	23.6	35.4