Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
Data File : BM042658.D
Acq On : 08 Nov 2023 20:23
Operator : MA/JU
Sample : PB156697BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS697

Quant Time: Nov 08 22:56:06 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	1141	0.400	ng/ul	0.00
4) Naphthalene-d8	10.672	136	2727	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	1468	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.264	188	2910	0.400	ng/ul	0.00
17) Chrysene-d12	21.446	240	2121	0.400	ng/ul	0.00
23) Perylene-d12	23.826	264	2539	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	1140	0.756	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.262	152	1421	0.373	ng/ul	-0.01
18) Fluoranthene-d10	19.290	212	2994	0.408	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.235	88	3779	2.109	ng/ul#	57
5) Naphthalene	10.722	128	3457	0.393	ng/ul	100
7) 2-Methylnaphthalene	12.339	142	2106	0.373	ng/ul	96
8) 1-Methylnaphthalene	12.553	142	2067	0.361	ng/ul	99
10) Acenaphthylene	14.238	152	3844	0.383	ng/ul	99
11) Acenaphthene	14.571	153	2704	0.397	ng/ul	100
12) Fluorene	15.561	166	2985	0.382	ng/ul	99
14) Pentachlorophenol	16.901	266	1302	0.877	ng/ul	96
15) Phenanthrene	17.306	178	4496	0.398	ng/ul	99
16) Anthracene	17.403	178	3979	0.390	ng/ul	99
19) Fluoranthene	19.318	202	5394	0.407	ng/ul	99
20) Pyrene	19.685	202	5972	0.410	ng/ul	99
21) Benzo(a)anthracene	21.429	228	3800	0.403	ng/ul	100
22) Chrysene	21.484	228	4371	0.448	ng/ul	99
24) Benzo(b)fluoranthene	23.092	252	4639	0.452	ng/ul	93
25) Benzo(k)fluoranthene	23.139	252	4824	0.449	ng/ul#	91
26) Benzo(a)pyrene	23.721	252	4793	0.451	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.309	276	6002	0.435	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.329	278	4435	0.450	ng/ul#	90
29) Benzo(g,h,i)perylene	27.083	276	5287	0.412	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
Data File : BM042658.D
Acq On : 08 Nov 2023 20:23
Operator : MA/JU
Sample : PB156697BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
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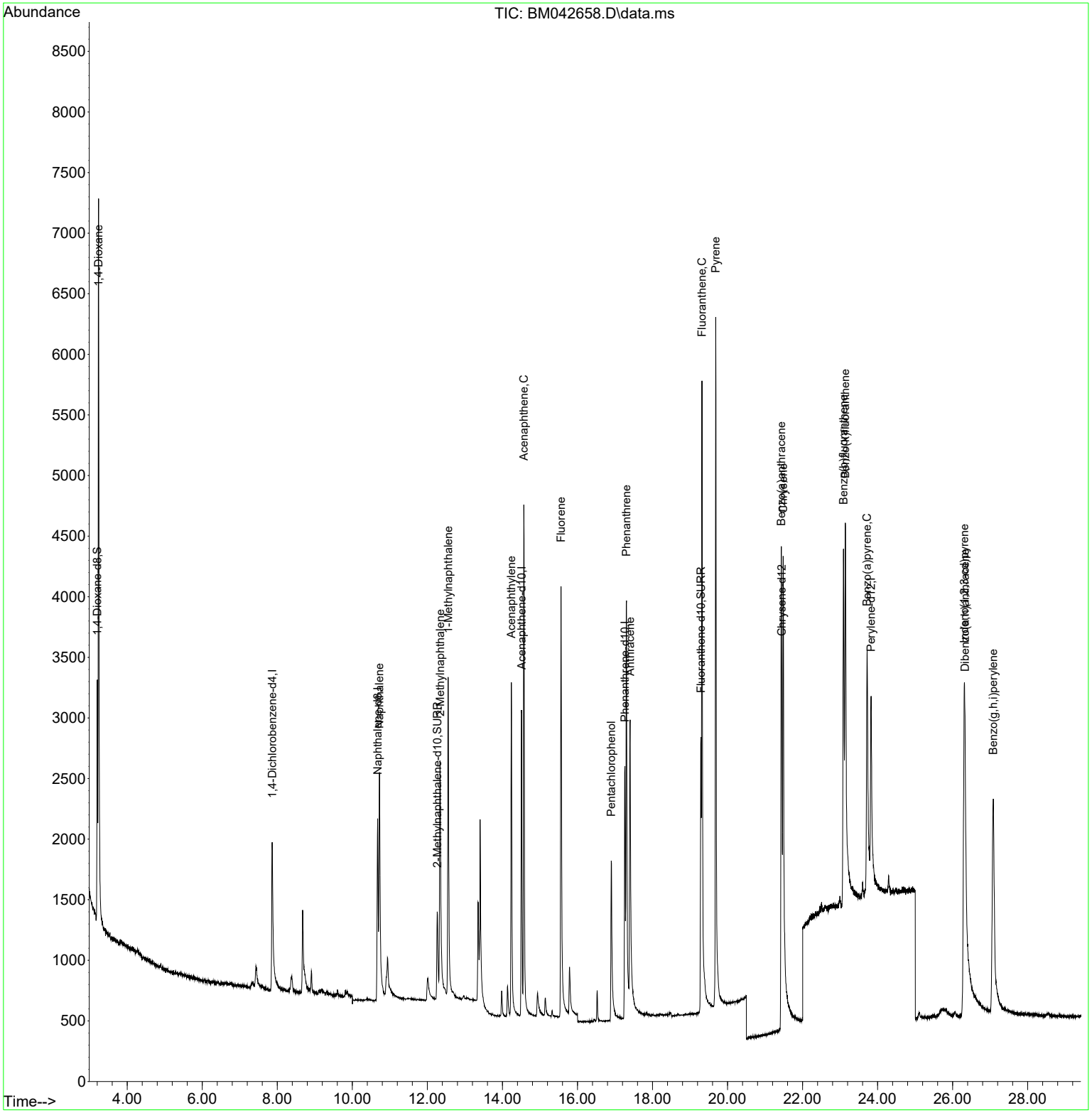
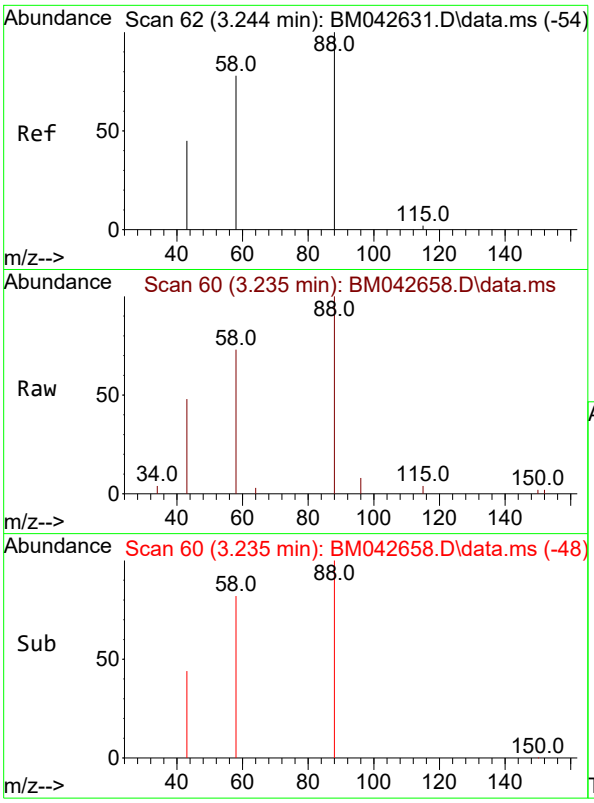
Quant Time: Nov 08 22:56:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 02:23:03 2023
Response via : Initial Calibration



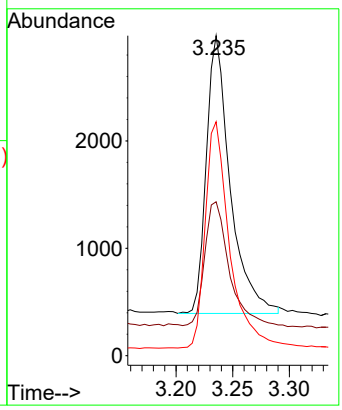


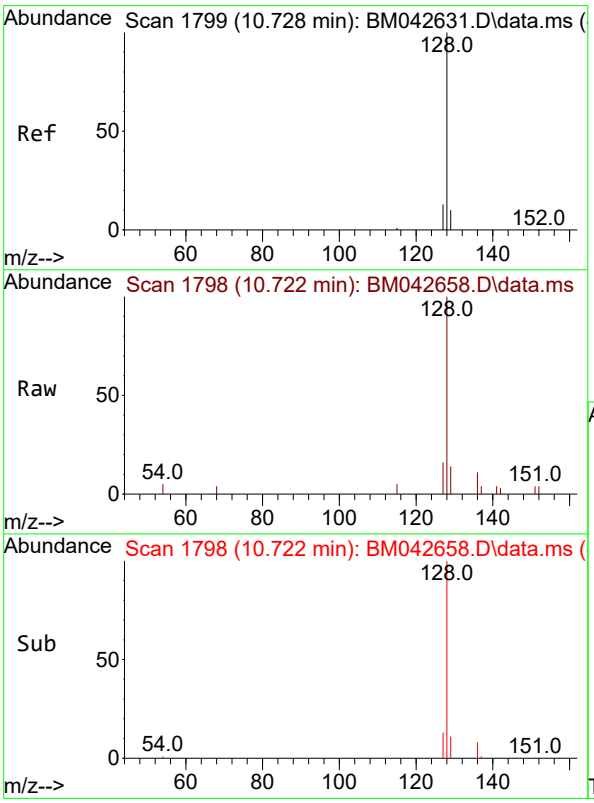
#2
1,4-Dioxane
Concen: 2.109 ng/ul
RT: 3.235 min Scan# 6
Delta R.T. -0.011 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Instrument :
BNA_M
ClientSampleId :
SLCS697

Tgt Ion: 88 Resp: 3779

Ion	Ratio	Lower	Upper
88	100		
43	48.1	77.5	116.3#
58	73.1	40.9	61.3#

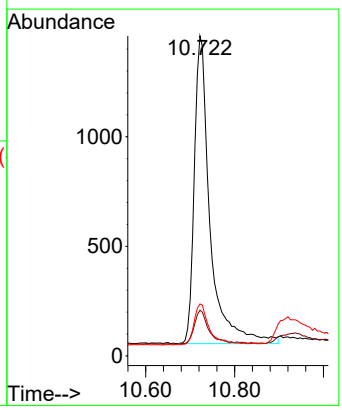


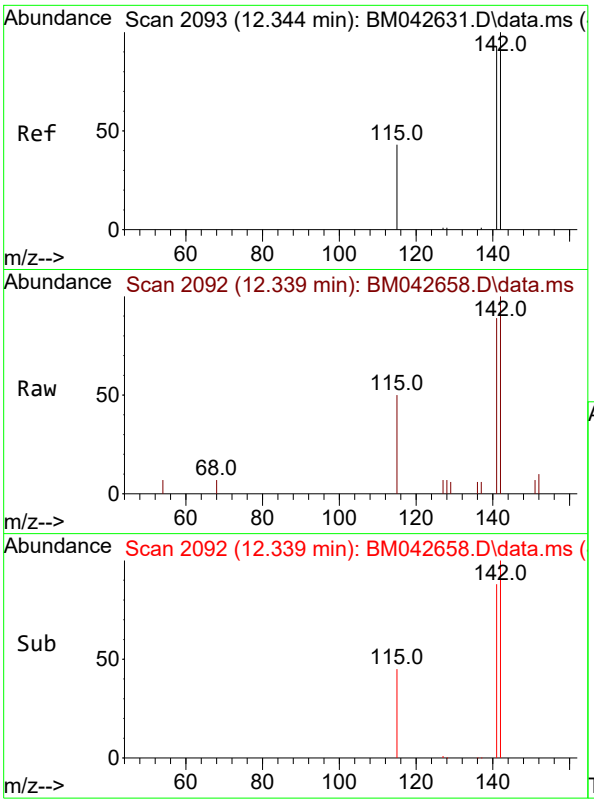


#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.722 min Scan# 1798
Delta R.T. -0.013 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Tgt Ion:128 Resp: 3457

Ion	Ratio	Lower	Upper
128	100		
129	14.3	11.3	16.9
127	16.2	13.0	19.4



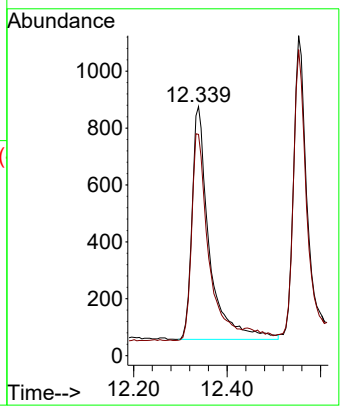


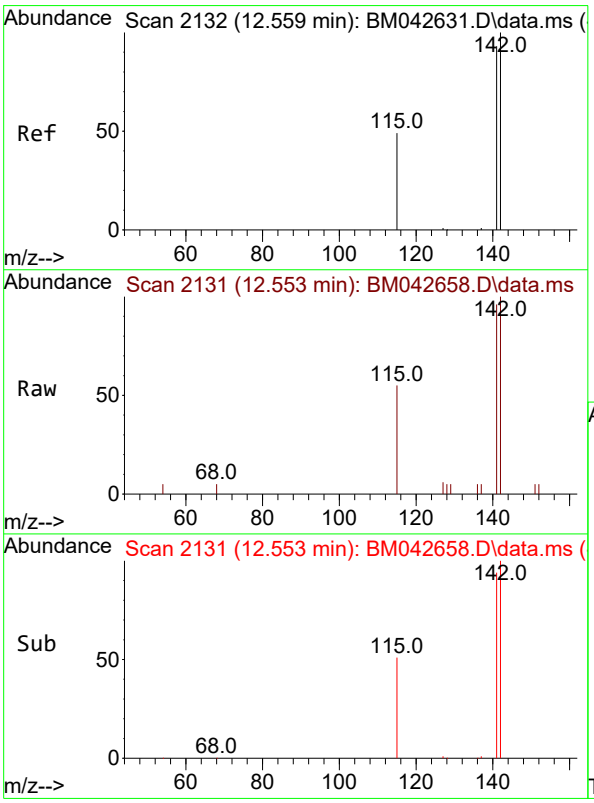
#7
2-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.339 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Instrument :
BNA_M
ClientSampleId :
SLCS697

Tgt Ion:142 Resp: 2106

Ion	Ratio	Lower	Upper
142	100		
141	93.0	71.7	107.5

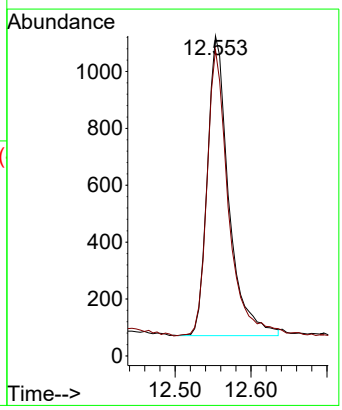


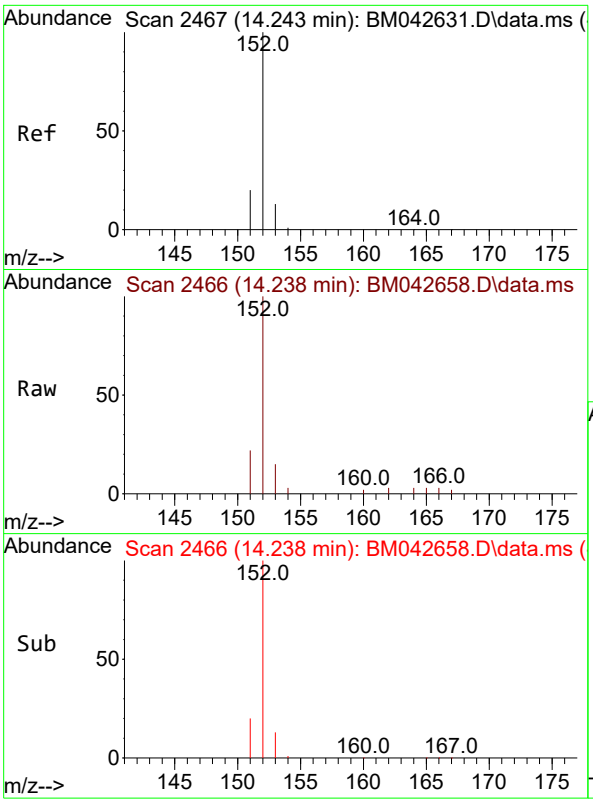


#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.553 min Scan# 2131
Delta R.T. -0.013 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Tgt Ion:142 Resp: 2067

Ion	Ratio	Lower	Upper
142	100		
141	95.2	75.4	113.2



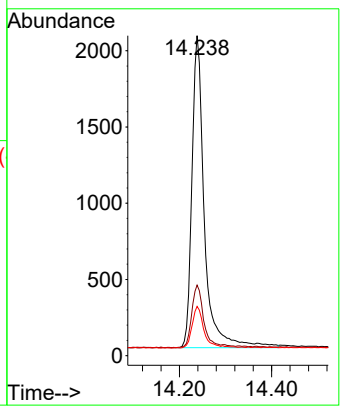


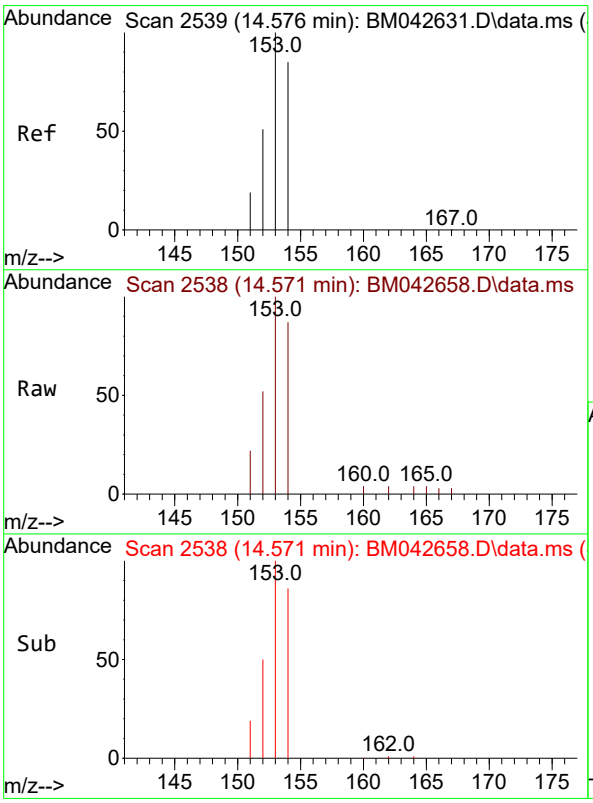
#10
Acenaphthylene
Concen: 0.383 ng/ul
RT: 14.238 min Scan# 24
Delta R.T. -0.007 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Instrument :
BNA_M
ClientSampleId :
SLCS697

Tgt Ion:152 Resp: 3844

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.2	25.8
153	15.4	11.8	17.8

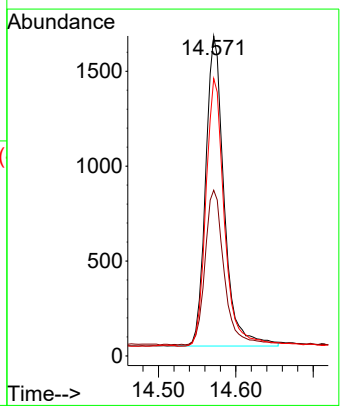


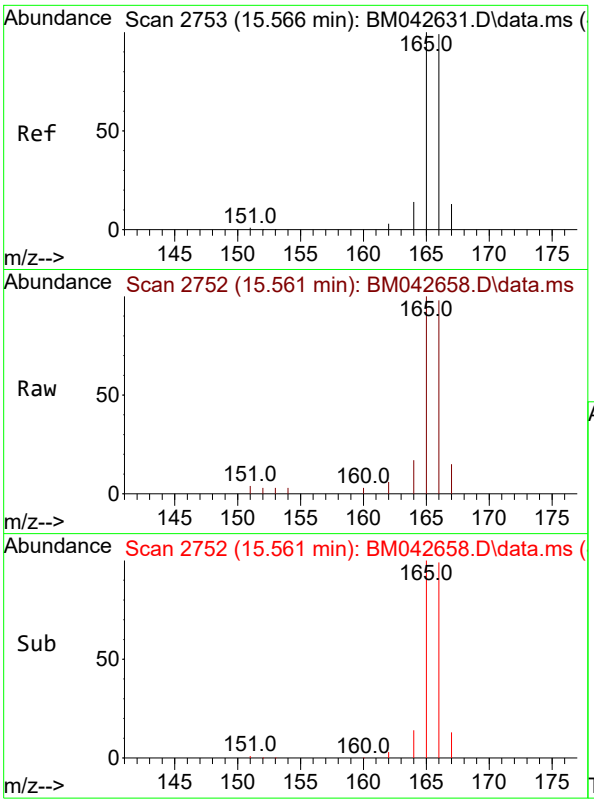


#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.571 min Scan# 2538
Delta R.T. -0.007 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Tgt Ion:153 Resp: 2704

Ion	Ratio	Lower	Upper
153	100		
152	51.8	41.8	62.6
154	86.7	69.2	103.8



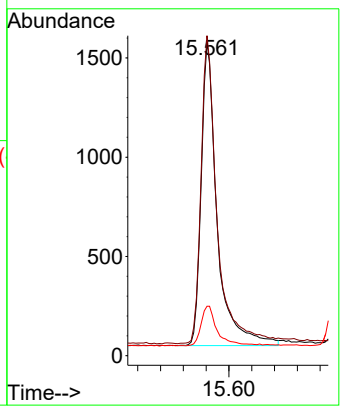


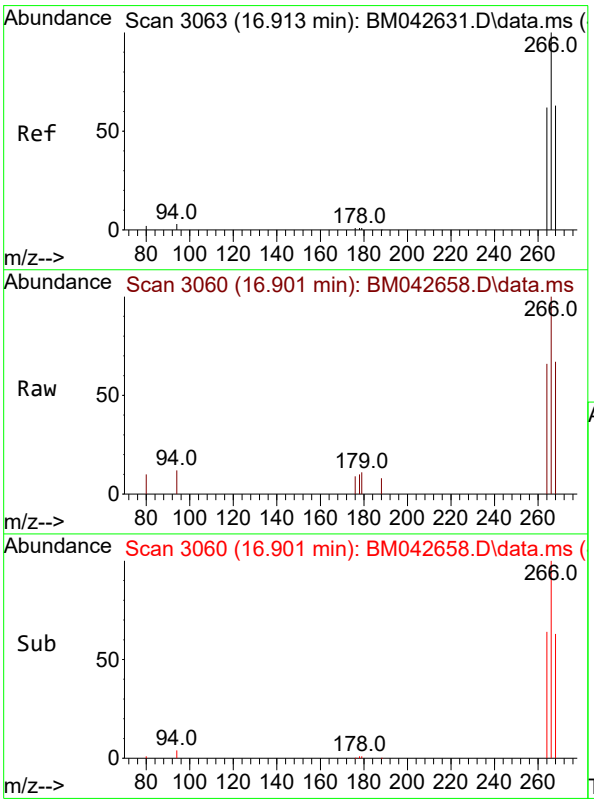
#12
Fluorene
Concen: 0.382 ng/ul
RT: 15.561 min Scan# 2
Delta R.T. -0.007 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Instrument :
BNA_M
ClientSampleId :
SLCS697

Tgt Ion:166 Resp: 2985

Ion	Ratio	Lower	Upper
166	100		
165	102.2	81.2	121.8
167	15.8	11.9	17.9

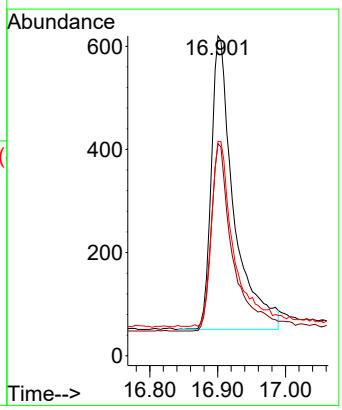


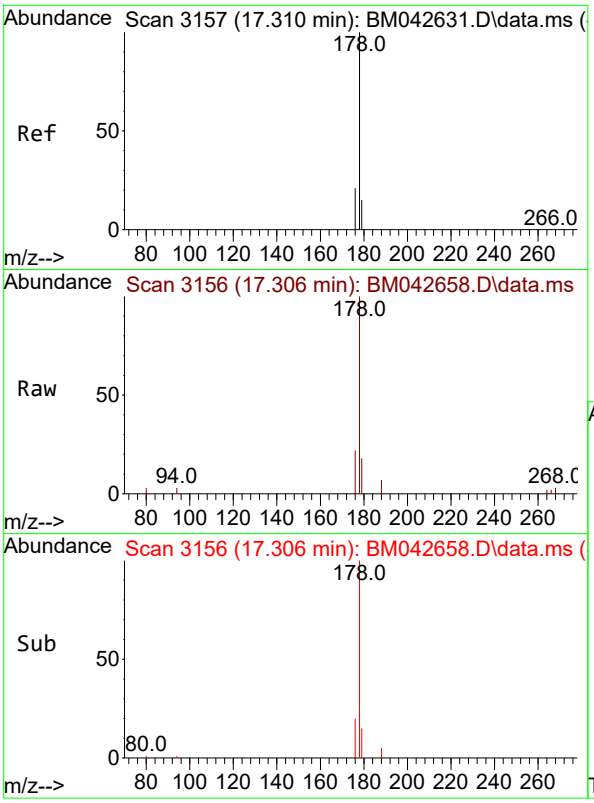


#14
Pentachlorophenol
Concen: 0.877 ng/ul
RT: 16.901 min Scan# 3060
Delta R.T. -0.010 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Tgt Ion:266 Resp: 1302

Ion	Ratio	Lower	Upper
266	100		
264	61.8	50.4	75.6
268	62.7	54.8	82.2



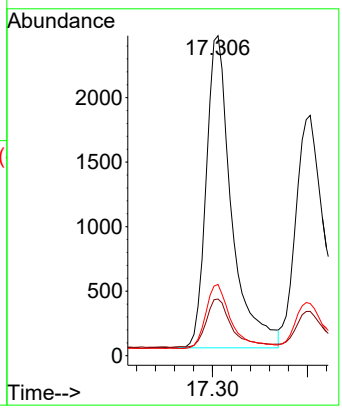


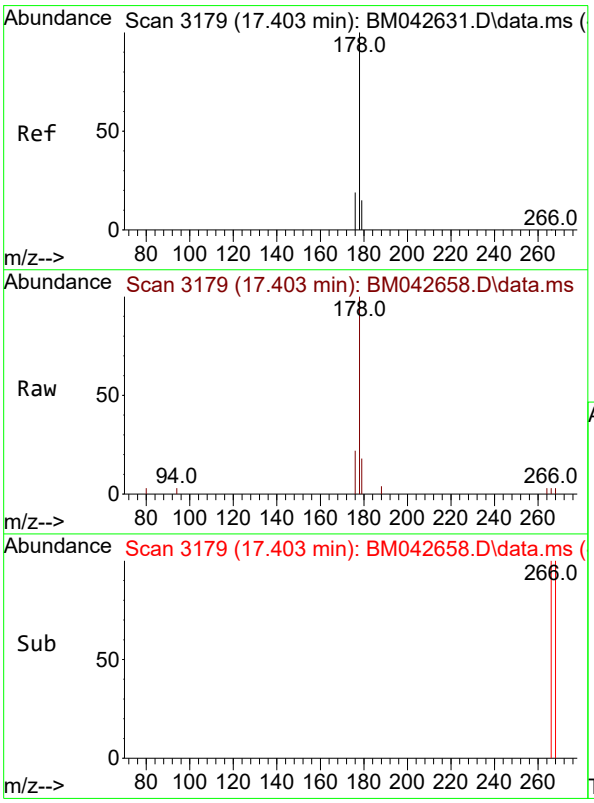
#15
Phenanthrene
Concen: 0.398 ng/ul
RT: 17.306 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Instrument :
BNA_M
ClientSampleId :
SLCS697

Tgt Ion:178 Resp: 4496

Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.7	20.5
176	22.3	18.2	27.2

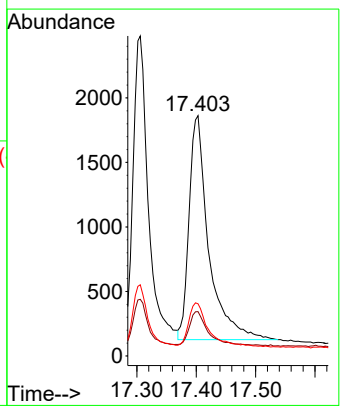


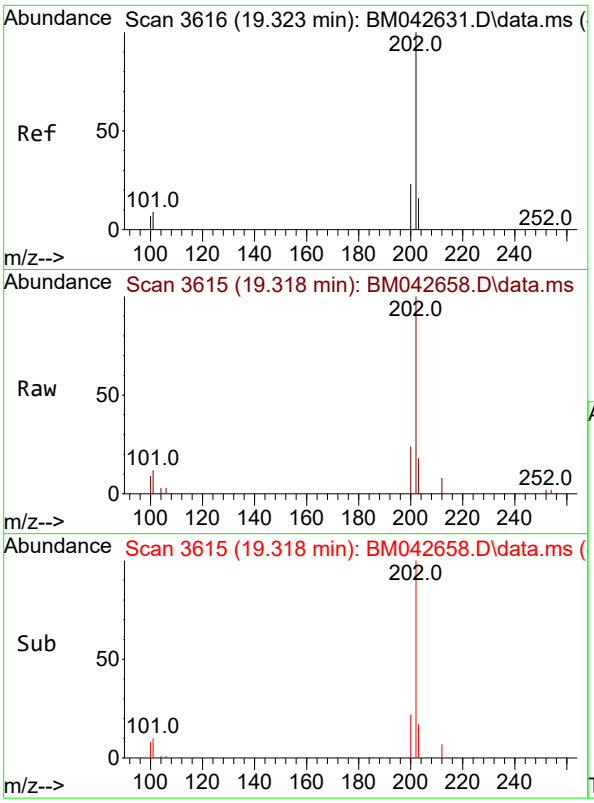


#16
Anthracene
Concen: 0.390 ng/ul
RT: 17.403 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Tgt Ion:178 Resp: 3979

Ion	Ratio	Lower	Upper
178	100		
179	18.5	14.2	21.4
176	21.7	17.6	26.4



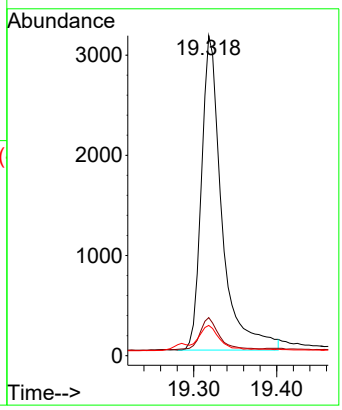


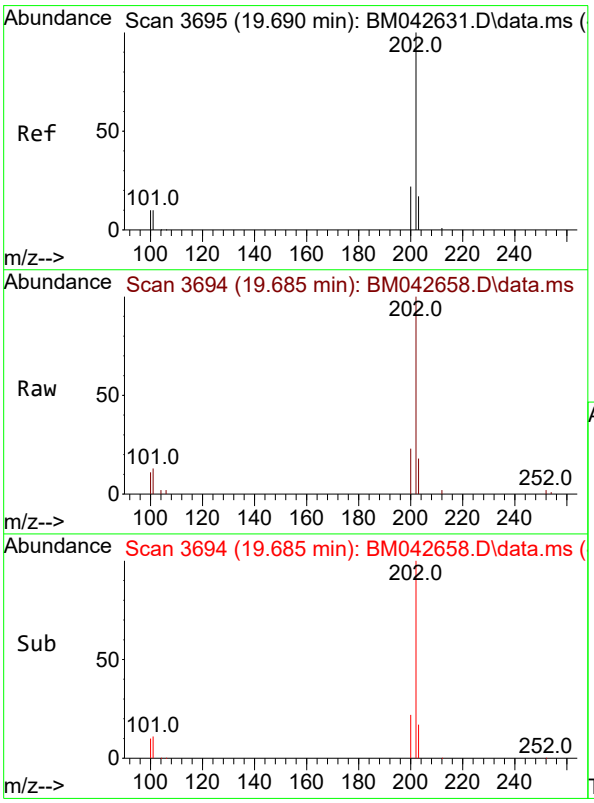
#19
Fluoranthene
Concen: 0.407 ng/ul
RT: 19.318 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Instrument :
BNA_M
ClientSampleId :
SLCS697

Tgt Ion:202 Resp: 5394

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.0	13.6
100	9.4	7.3	10.9

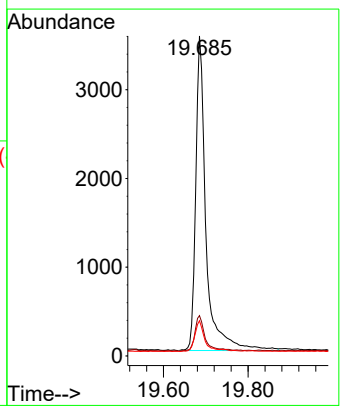


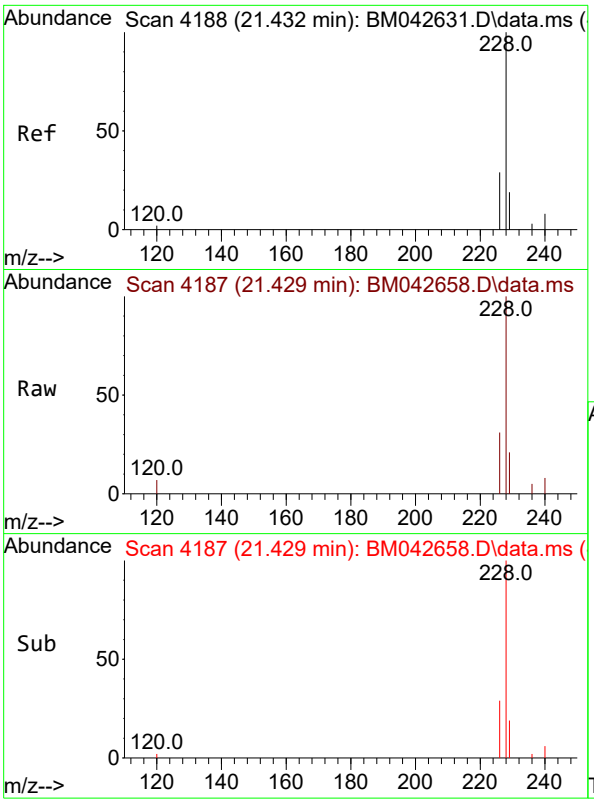


#20
Pyrene
Concen: 0.410 ng/ul
RT: 19.685 min Scan# 3694
Delta R.T. -0.011 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Tgt Ion:202 Resp: 5972

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.6	16.0
100	11.0	8.6	13.0



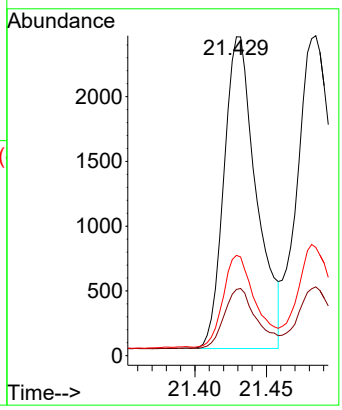


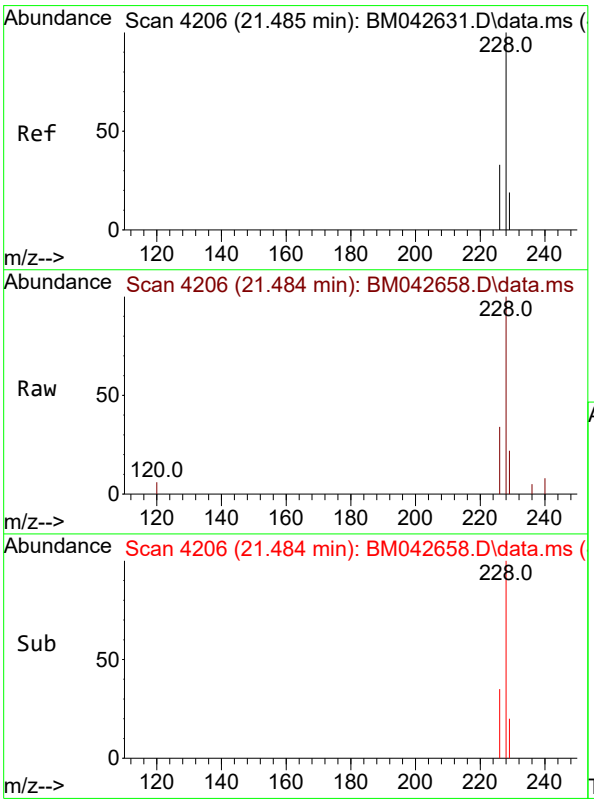
#21
Benzo(a)anthracene
Concen: 0.403 ng/ul
RT: 21.429 min Scan# 4
Delta R.T. -0.008 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Instrument :
BNA_M
ClientSampleId :
SLCS697

Tgt Ion:228 Resp: 3800

Ion	Ratio	Lower	Upper
228	100		
229	20.8	17.0	25.4
226	31.5	25.2	37.8

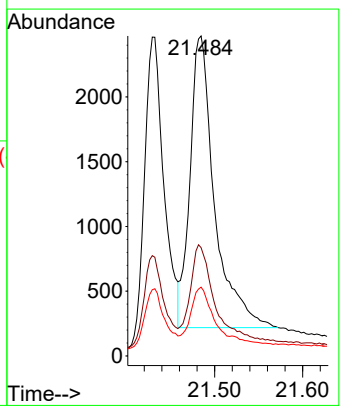


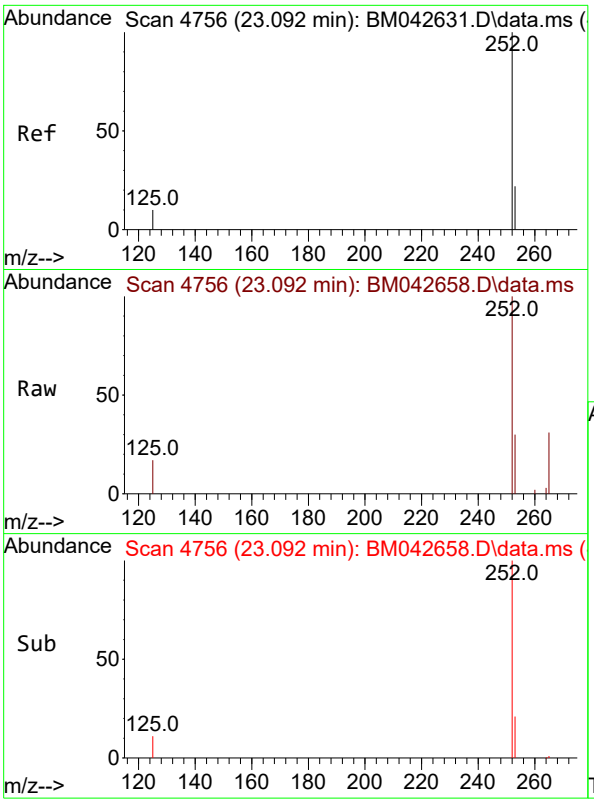


#22
Chrysene
Concen: 0.448 ng/ul
RT: 21.484 min Scan# 4206
Delta R.T. -0.008 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Tgt Ion:228 Resp: 4371

Ion	Ratio	Lower	Upper
228	100		
226	33.8	27.4	41.0
229	21.5	17.0	25.6



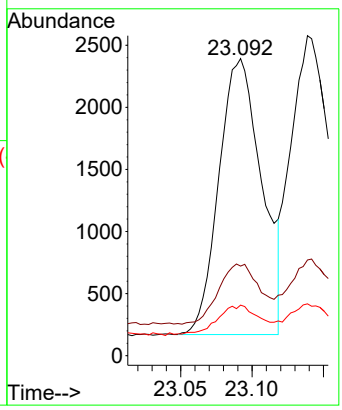


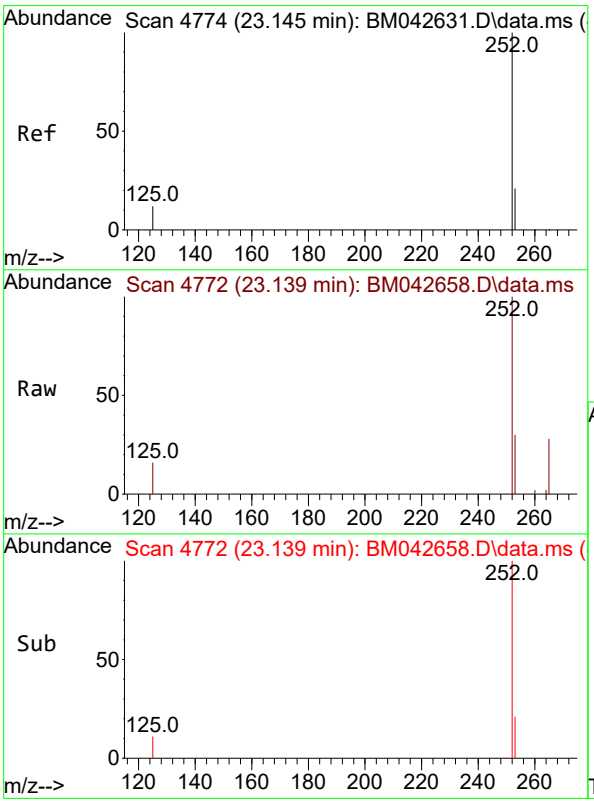
#24
Benzo(b)fluoranthene
Concen: 0.452 ng/ul
RT: 23.092 min Scan# 4
Delta R.T. -0.008 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Instrument :
BNA_M
ClientSampleId :
SLCS697

Tgt Ion:252 Resp: 4639

Ion	Ratio	Lower	Upper
252	100		
253	30.2	0.0	65.8
125	17.0	0.0	43.6

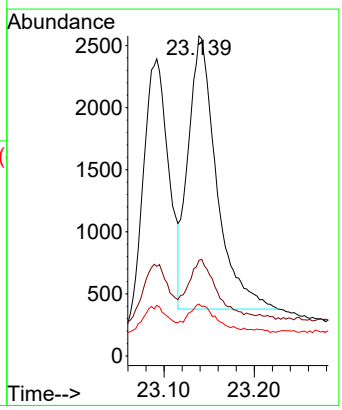


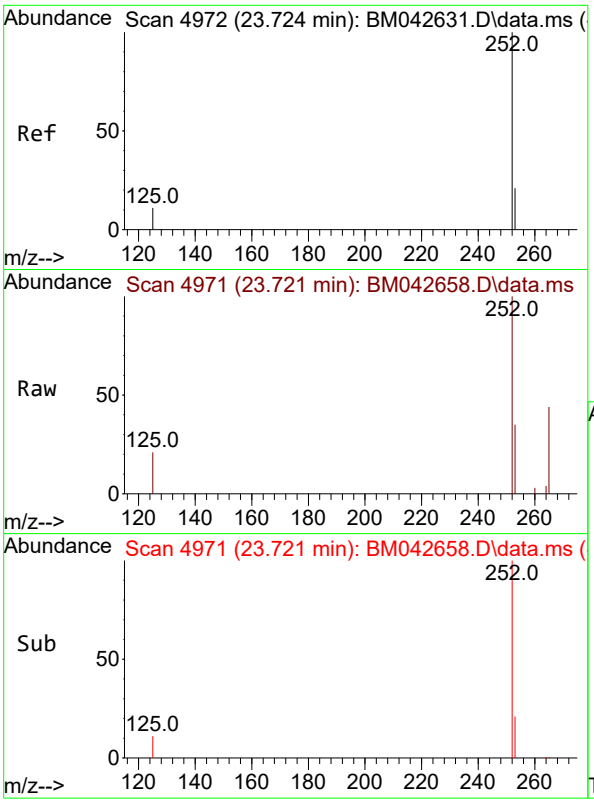


#25
Benzo(k)fluoranthene
Concen: 0.449 ng/ul
RT: 23.139 min Scan# 4772
Delta R.T. -0.011 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Tgt Ion:252 Resp: 4824

Ion	Ratio	Lower	Upper
252	100		
253	29.9	27.0	40.6
125	16.2	17.5	26.3#



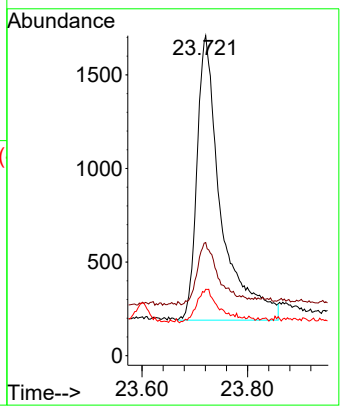


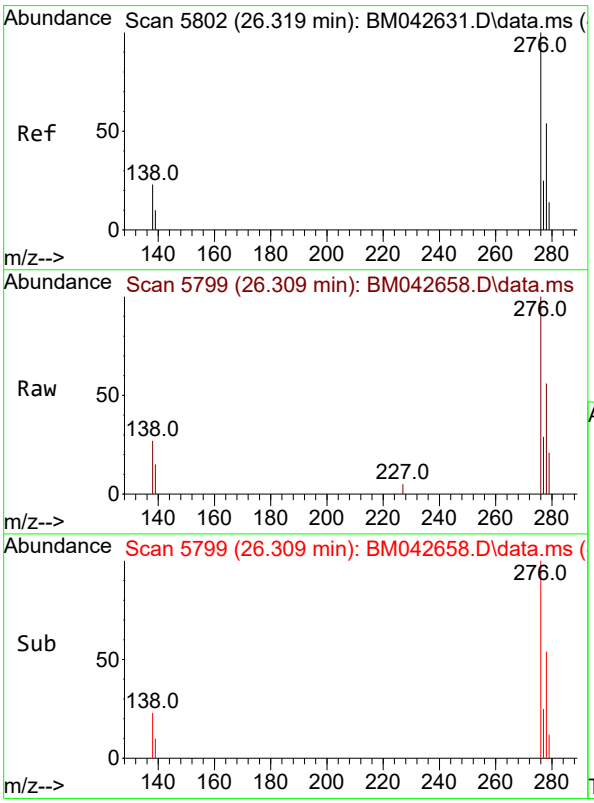
#26
Benzo(a)pyrene
Concen: 0.451 ng/ul
RT: 23.721 min Scan# 4
Delta R.T. -0.014 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Instrument :
BNA_M
ClientSampleId :
SLCS697

Tgt Ion:252 Resp: 4793

Ion	Ratio	Lower	Upper
252	100		
253	35.3	31.7	47.5
125	20.8	22.1	33.1#

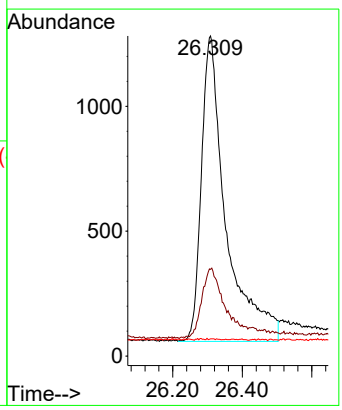


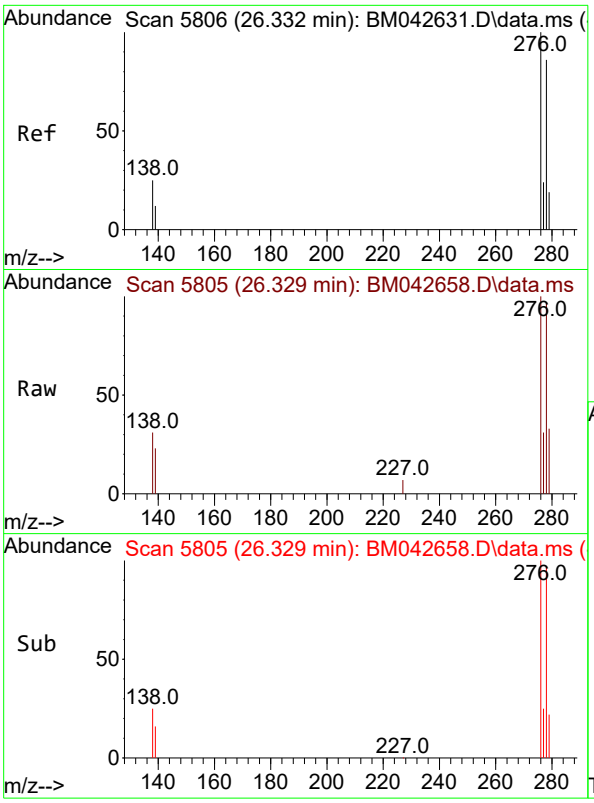


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng/ul
RT: 26.309 min Scan# 5799
Delta R.T. -0.019 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Tgt Ion:276 Resp: 6002

Ion	Ratio	Lower	Upper
276	100		
138	23.5	20.7	31.1
227	0.0	0.1	0.1#



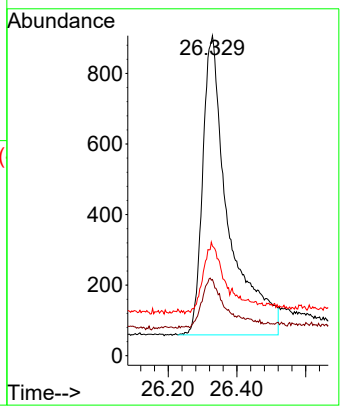


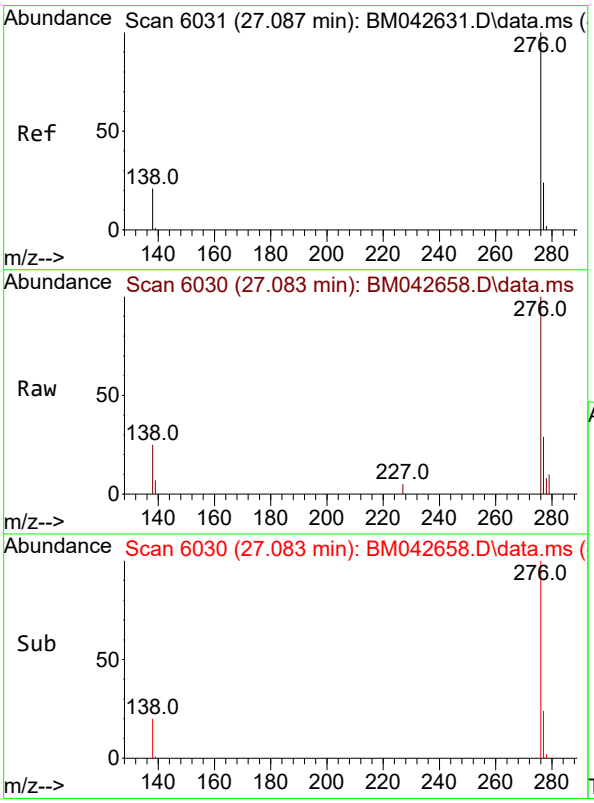
#28
Dibenzo(a,h)anthracene
Concen: 0.450 ng/ul
RT: 26.329 min Scan# 5
Delta R.T. -0.019 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Instrument :
BNA_M
ClientSampleId :
SLCS697

Tgt Ion:278 Resp: 4435

Ion	Ratio	Lower	Upper
278	100		
139	23.8	24.3	36.5#
279	34.3	31.5	47.3





#29
Benzo(g,h,i)perylene
Concen: 0.412 ng/ul
RT: 27.083 min Scan# 6030
Delta R.T. -0.022 min
Lab File: BM042658.D
Acq: 08 Nov 2023 20:23

Tgt Ion:276 Resp: 5287

Ion	Ratio	Lower	Upper
276	100		
138	25.2	22.3	33.5
277	28.6	23.6	35.4