Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021725\
Data File : BM049671.D
Acq On : 17 Feb 2025 18:42
Operator : RC/JU
Sample : PB166630BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS630

Quant Time: Feb 19 11:32:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	7182	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	19384	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.446	164	11072	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	21594	0.400	ng/ul	0.00
17) Chrysene-d12	21.362	240	17131	0.400	ng/ul	0.00
23) Perylene-d12	23.648	264	17943	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	6438	0.797	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	12822	0.481	ng/ul	0.00
18) Fluoranthene-d10	19.215	212	24652	0.473	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.286	88	17458	1.999	ng/ul#	83
5) Naphthalene	10.650	128	20968	0.436	ng/ul	100
7) 2-Methylnaphthalene	12.266	142	13631	0.436	ng/ul	99
8) 1-Methylnaphthalene	12.486	142	13947	0.440	ng/ul	100
10) Acenaphthylene	14.163	152	20051	0.426	ng/ul	99
11) Acenaphthene	14.510	153	14612	0.427	ng/ul	100
12) Fluorene	15.496	166	16610	0.424	ng/ul	99
14) Pentachlorophenol	16.841	266	4052	0.916	ng/ul	98
15) Phenanthrene	17.229	178	26326	0.456	ng/ul	99
16) Anthracene	17.318	178	24167	0.457	ng/ul	99
19) Fluoranthene	19.242	202	29838	0.422	ng/ul	100
20) Pyrene	19.605	202	31202	0.427	ng/ul	99
21) Benzo(a)anthracene	21.348	228	26665	0.455	ng/ul	100
22) Chrysene	21.400	228	28291	0.455	ng/ul	100
24) Benzo(b)fluoranthene	22.961	252	28147	0.471	ng/ul	98
25) Benzo(k)fluoranthene	23.005	252	30432	0.452	ng/ul	98
26) Benzo(a)pyrene	23.548	252	25752	0.477	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.970	276	36294	0.475	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.990	278	28126	0.484	ng/ul	99
29) Benzo(g,h,i)perylene	26.681	276	29695	0.484	ng/ul	99

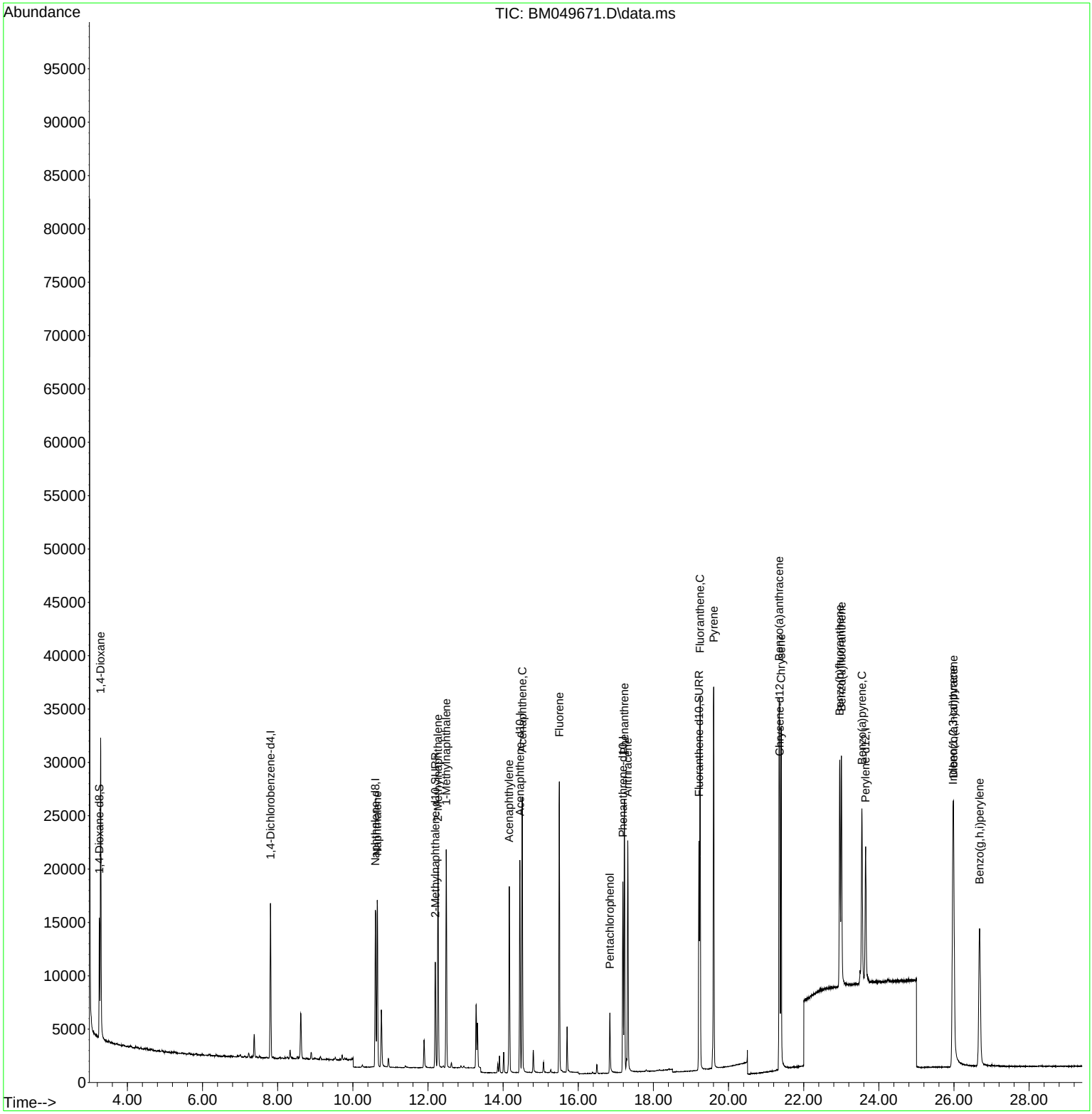
(#) = qualifier out of range (m) = manual integration (+) = signals summed

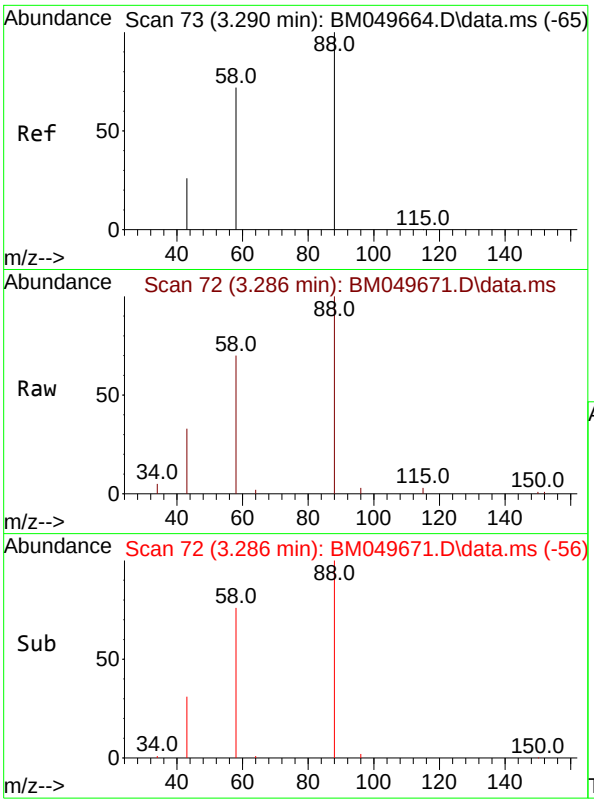
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021725\
Data File : BM049671.D
Acq On : 17 Feb 2025 18:42
Operator : RC/JU
Sample : PB166630BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS630

Quant Time: Feb 19 11:32:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration



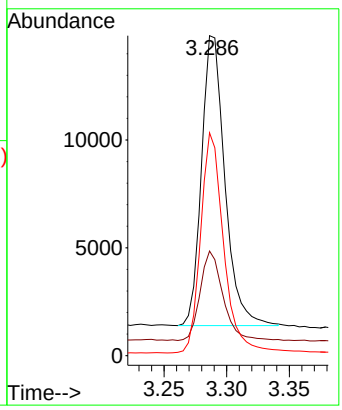


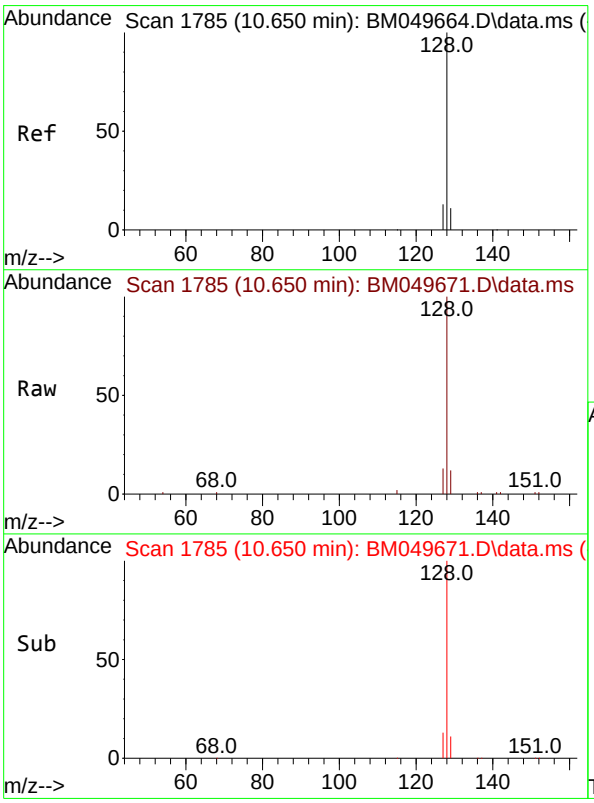
#2
1,4-Dioxane
Concen: 1.999 ng/ul
RT: 3.286 min Scan# 7
Delta R.T. -0.004 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Instrument :
BNA_M
ClientSampleId :
SLCS630

Tgt Ion: 88 Resp: 17458

Ion	Ratio	Lower	Upper
88	100		
43	32.7	31.9	47.9
58	69.7	43.7	65.5#

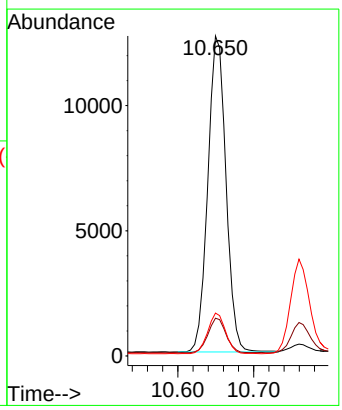


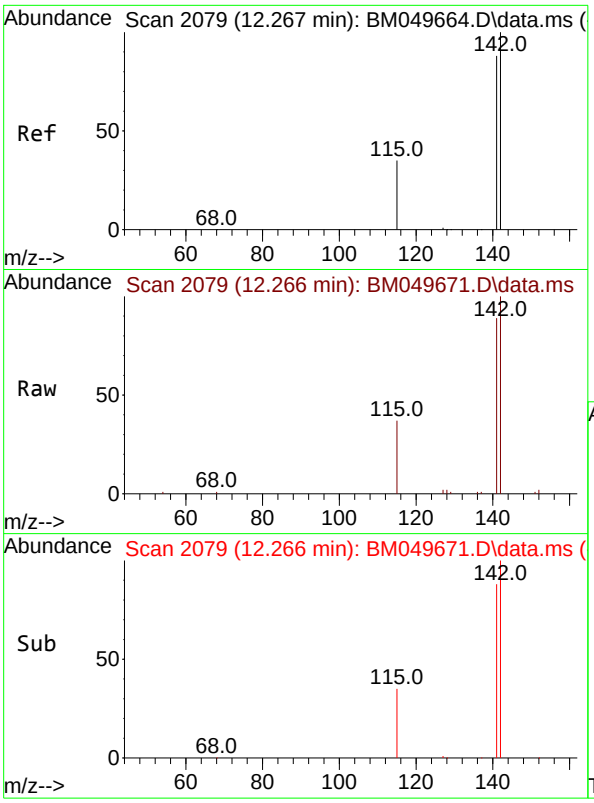


#5
Naphthalene
Concen: 0.436 ng/ul
RT: 10.650 min Scan# 1785
Delta R.T. -0.005 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Tgt Ion:128 Resp: 20968

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	13.4	10.8	16.2



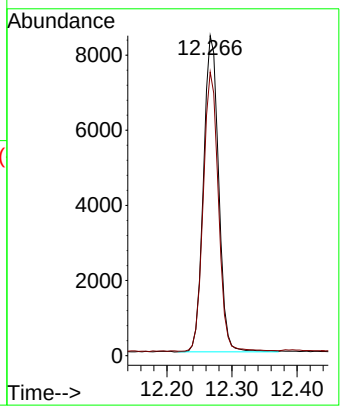


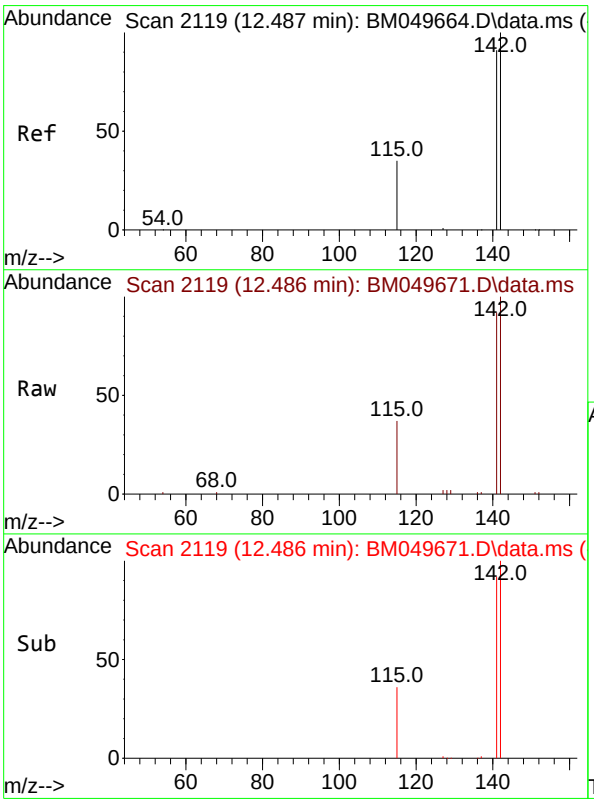
#7
2-Methylnaphthalene
Concen: 0.436 ng/ul
RT: 12.266 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Instrument :
BNA_M
ClientSampleId :
SLCS630

Tgt Ion:142 Resp: 13631

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.6

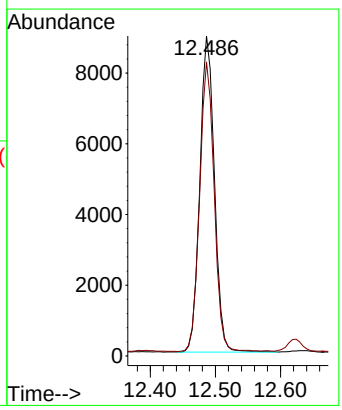


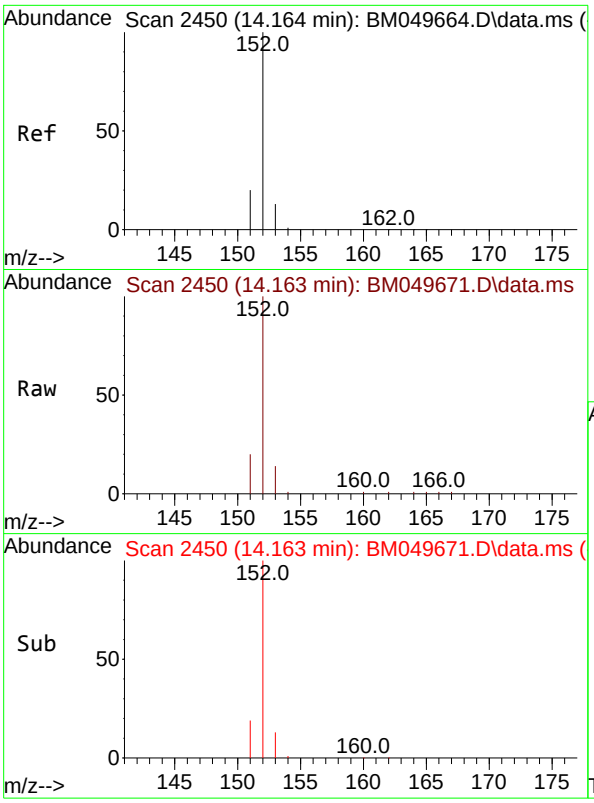


#8
1-Methylnaphthalene
Concen: 0.440 ng/ul
RT: 12.486 min Scan# 2119
Delta R.T. -0.005 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Tgt Ion:142 Resp: 13947

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.1	109.7



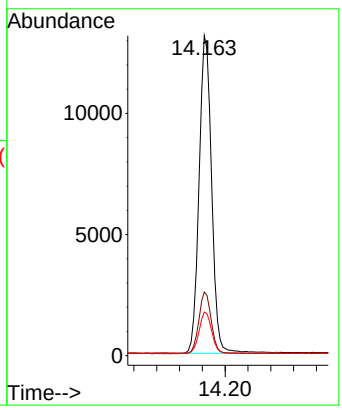


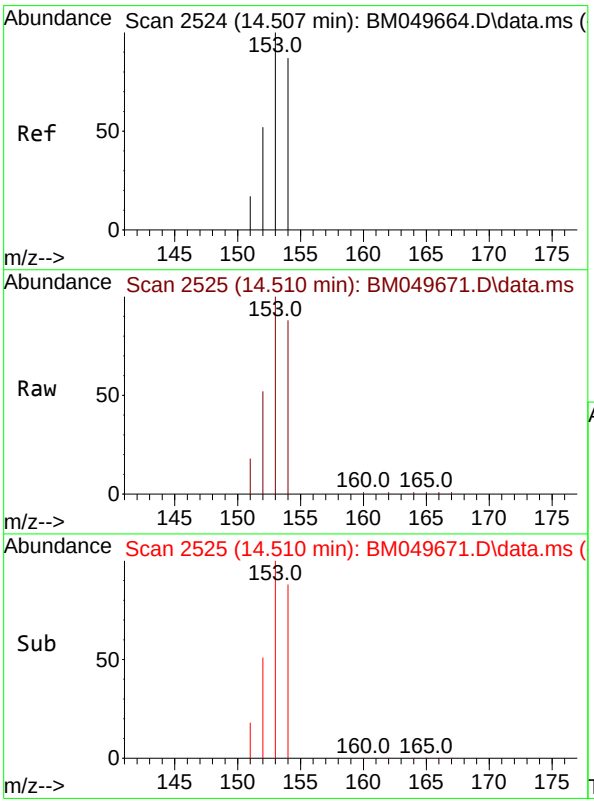
#10
Acenaphthylene
Concen: 0.426 ng/ul
RT: 14.163 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Instrument :
BNA_M
ClientSampleId :
SLCS630

Tgt Ion:152 Resp: 20051

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.6	10.5	15.7

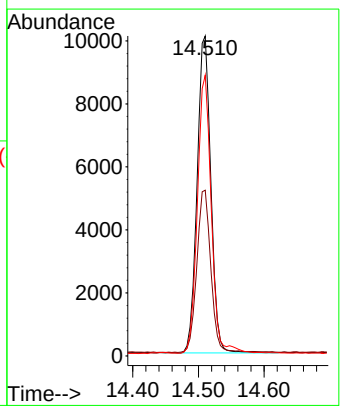


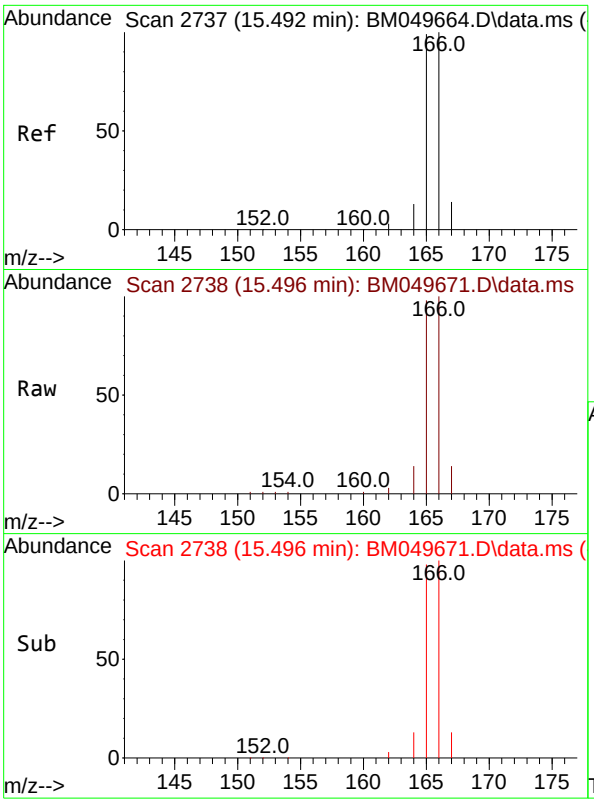


#11
Acenaphthene
Concen: 0.427 ng/ul
RT: 14.510 min Scan# 2525
Delta R.T. -0.004 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Tgt Ion:153 Resp: 14612

Ion	Ratio	Lower	Upper
153	100		
152	51.8	41.9	62.9
154	87.7	70.2	105.2



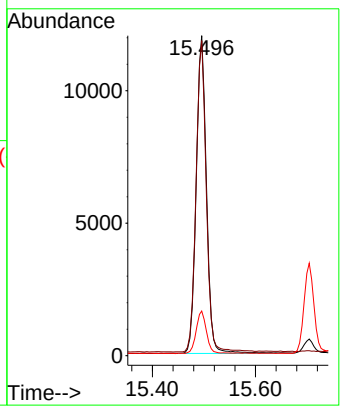


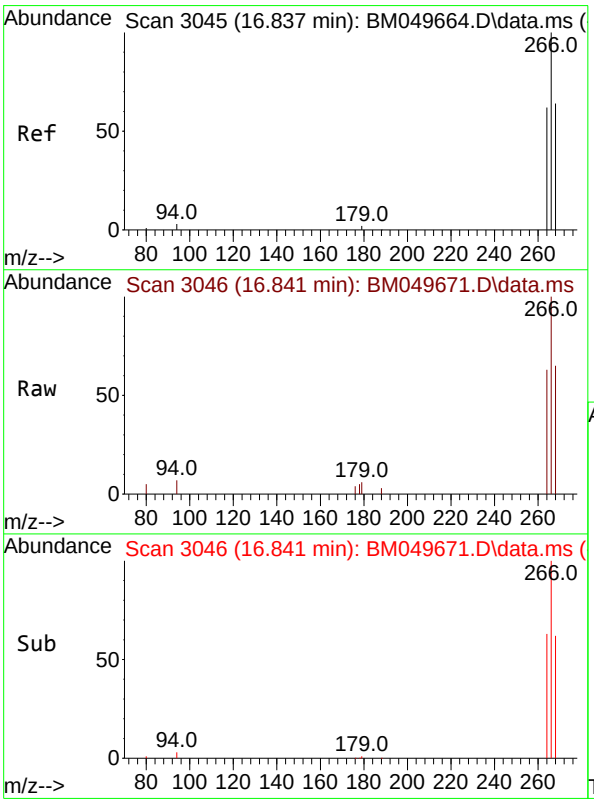
#12
Fluorene
Concen: 0.424 ng/ul
RT: 15.496 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Instrument :
BNA_M
ClientSampleId :
SLCS630

Tgt Ion:166 Resp: 16610

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.6	119.4
167	14.0	11.4	17.2

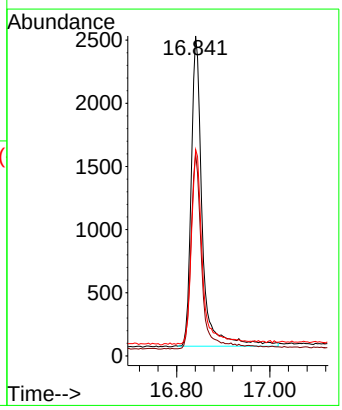


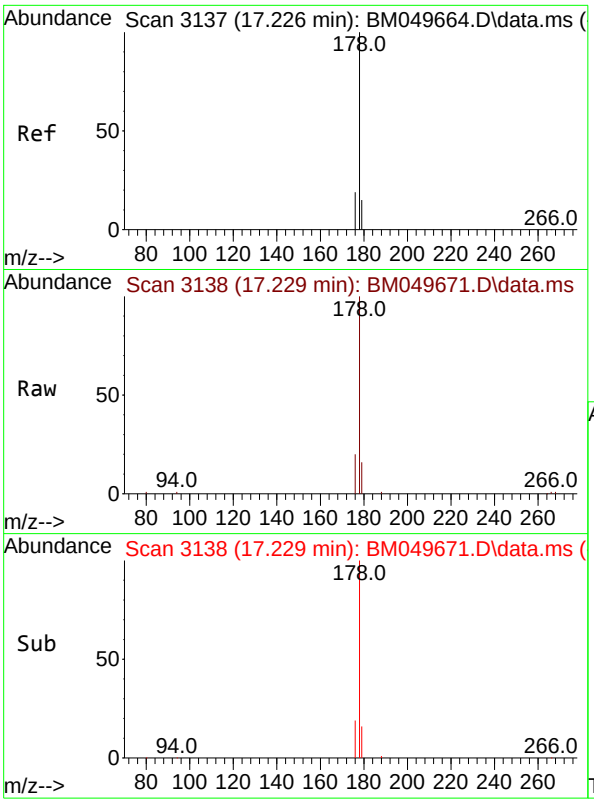


#14
Pentachlorophenol
Concen: 0.916 ng/ul
RT: 16.841 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Tgt Ion:266 Resp: 4052

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.3	75.5
268	64.1	49.2	73.8





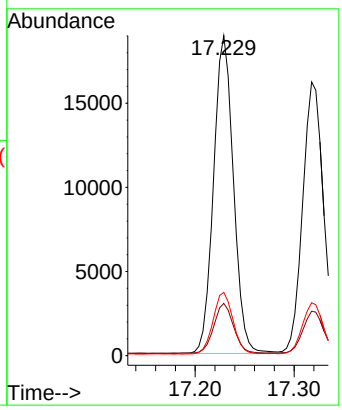
#15
Phenanthrene
Concen: 0.456 ng/ul
RT: 17.229 min Scan# 3

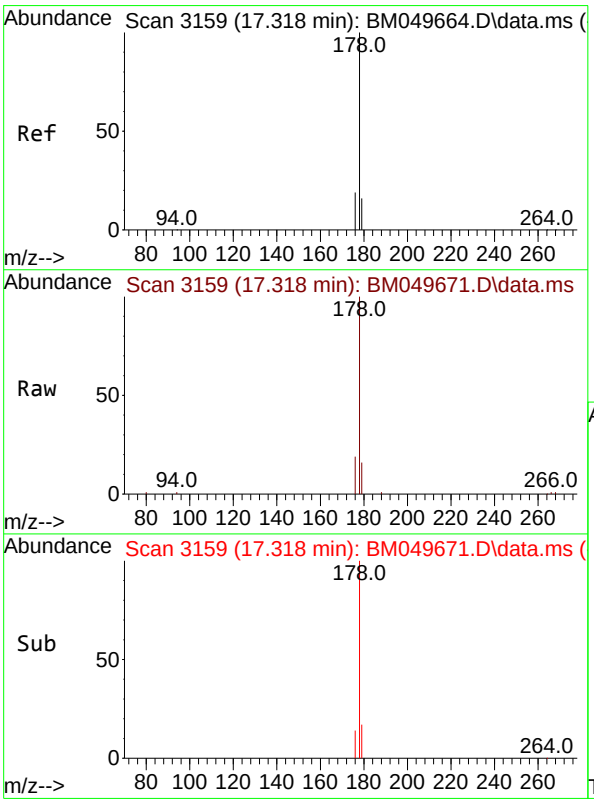
Instrument :
BNA_M
ClientSampleId :
SLCS630

Delta R.T. -0.004 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Tgt Ion:178 Resp: 26326

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	19.0
176	19.8	16.2	24.2

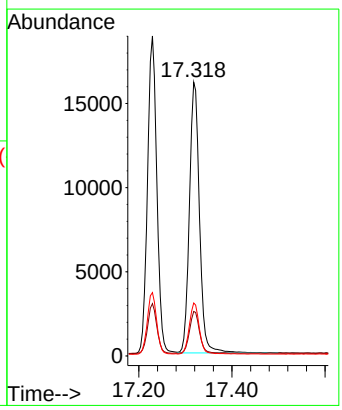


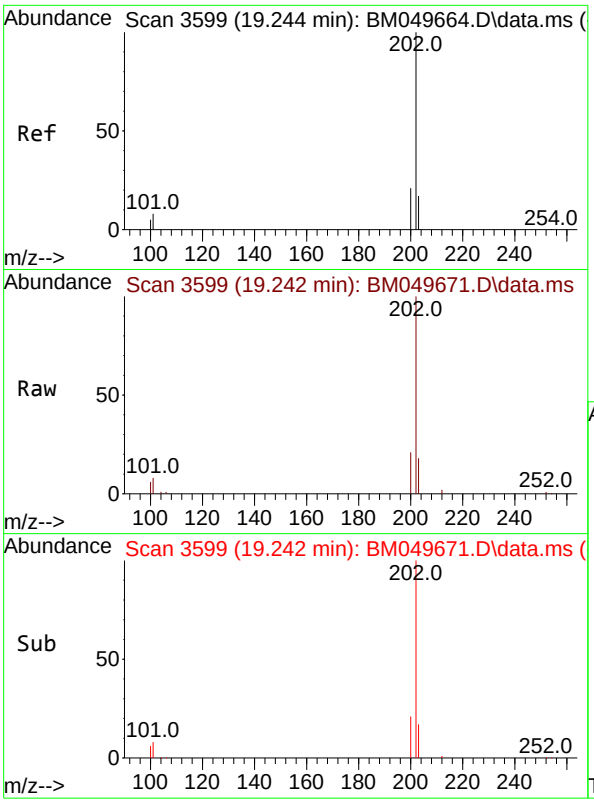


#16
Anthracene
Concen: 0.457 ng/ul
RT: 17.318 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Tgt Ion:178 Resp: 24167

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	19.3	15.8	23.6



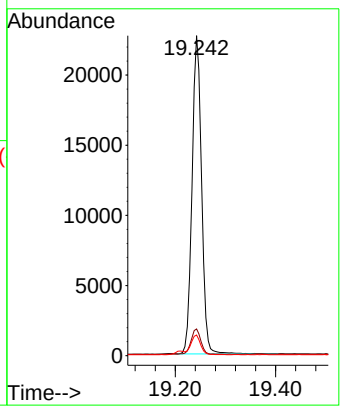


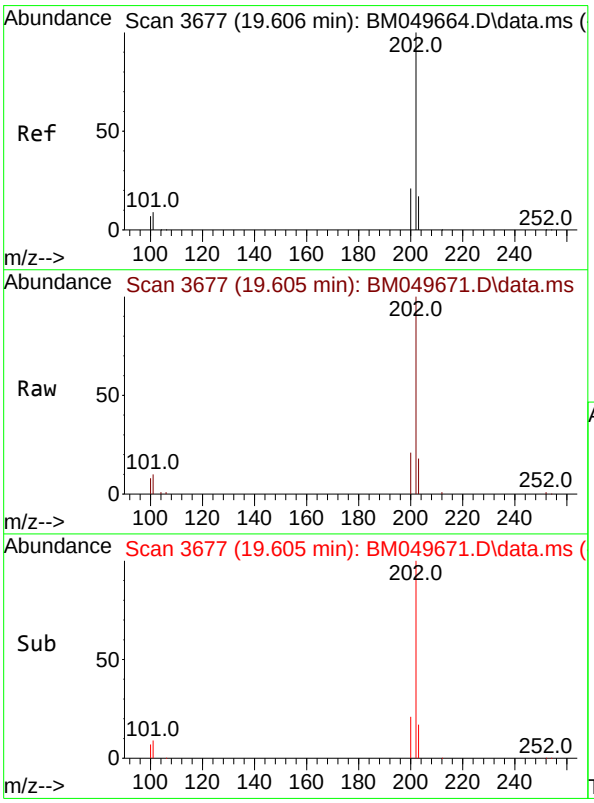
#19
Fluoranthene
Concen: 0.422 ng/ul
RT: 19.242 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Instrument :
BNA_M
ClientSampleId :
SLCS630

Tgt Ion:202 Resp: 29838

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.7	10.1
100	6.5	5.0	7.4

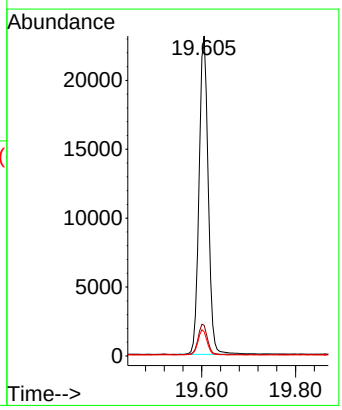


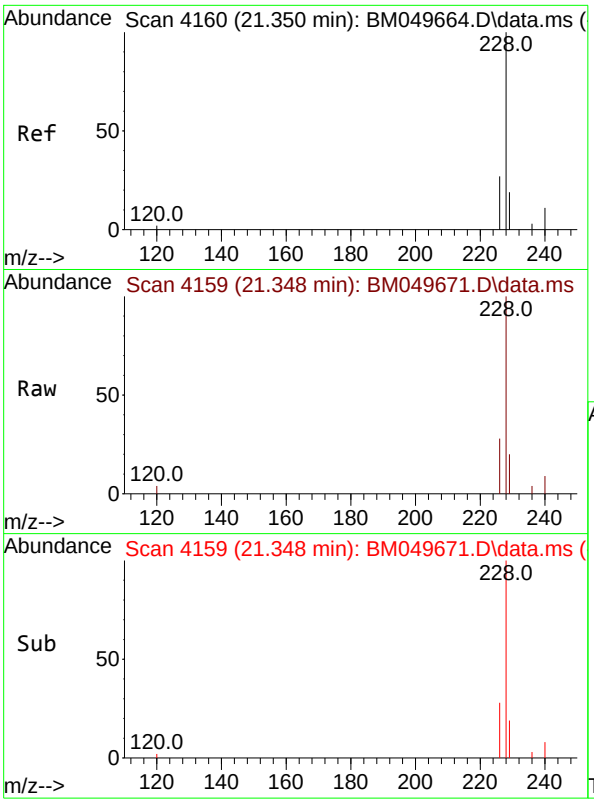


#20
Pyrene
Concen: 0.427 ng/ul
RT: 19.605 min Scan# 3677
Delta R.T. -0.005 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Tgt Ion:202 Resp: 31202

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.5	11.3
100	7.6	6.3	9.5



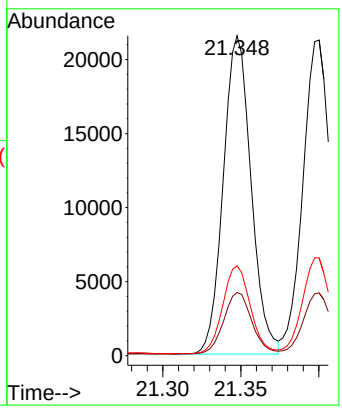


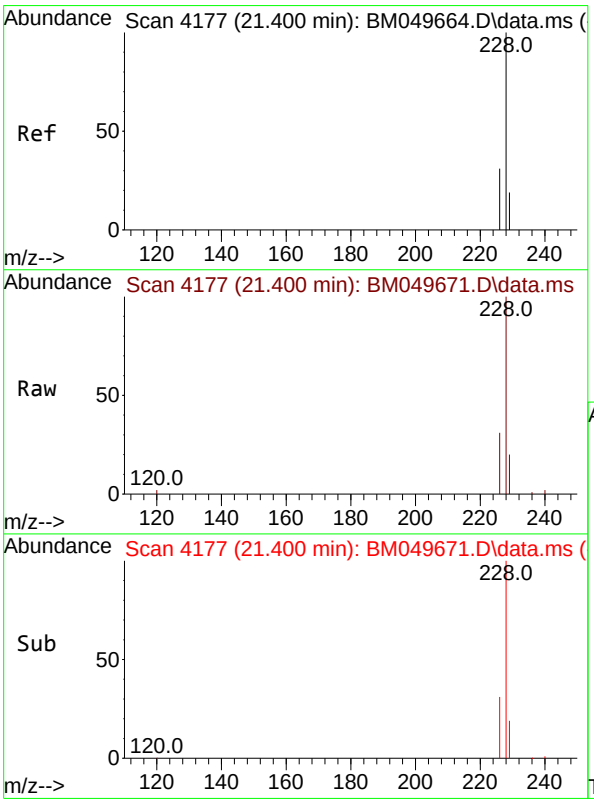
#21
Benzo(a)anthracene
Concen: 0.455 ng/ul
RT: 21.348 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Instrument :
BNA_M
ClientSampleId :
SLCS630

Tgt Ion:228 Resp: 26665

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.7	23.5
226	28.1	22.2	33.4

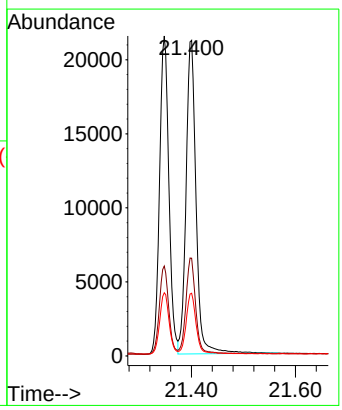


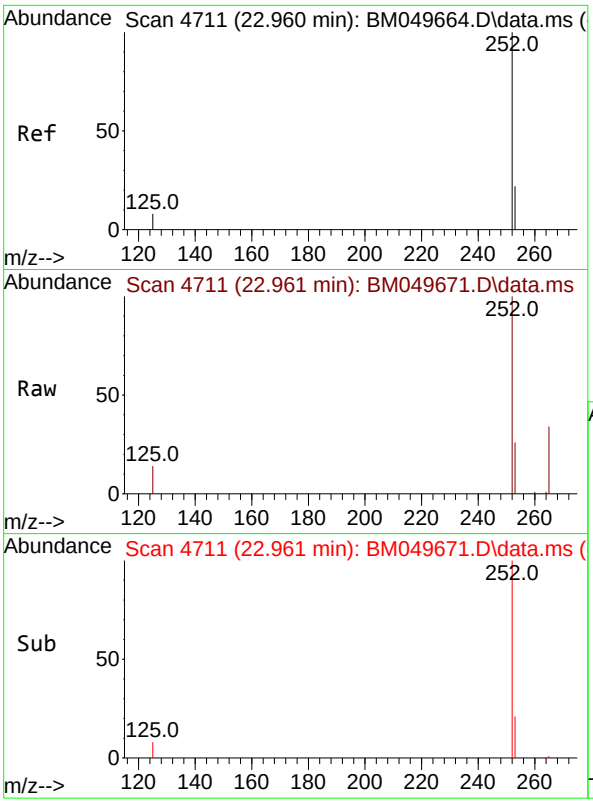


#22
Chrysene
Concen: 0.455 ng/ul
RT: 21.400 min Scan# 4177
Delta R.T. -0.003 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Tgt Ion:228 Resp: 28291

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	19.9	15.6	23.4



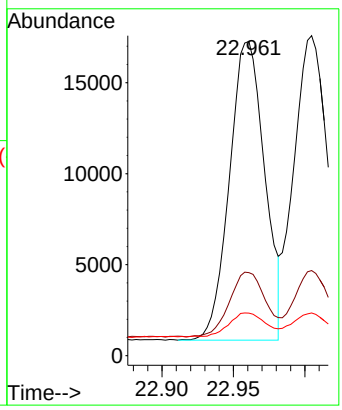


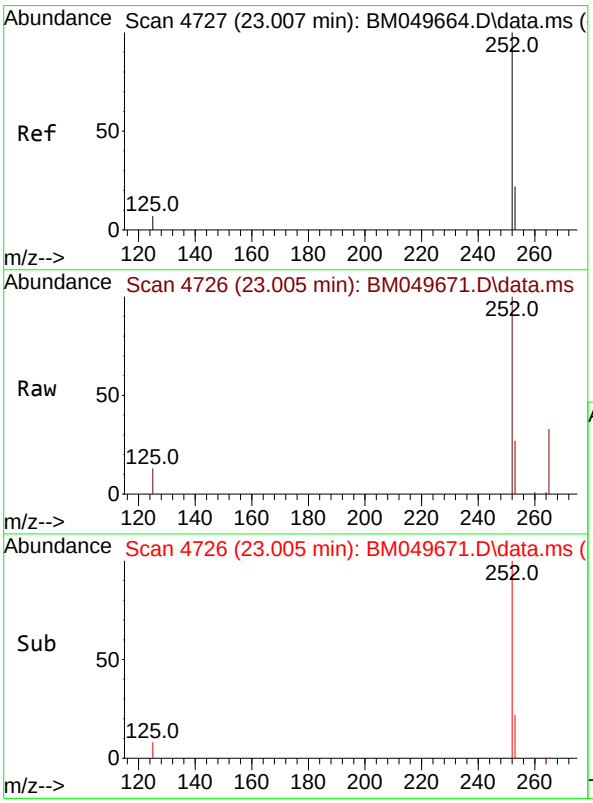
#24
Benzo(b)fluoranthene
Concen: 0.471 ng/ul
RT: 22.961 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Instrument :
BNA_M
ClientSampleId :
SLCS630

Tgt Ion:252 Resp: 28147

Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	50.2
125	13.5	0.0	25.6

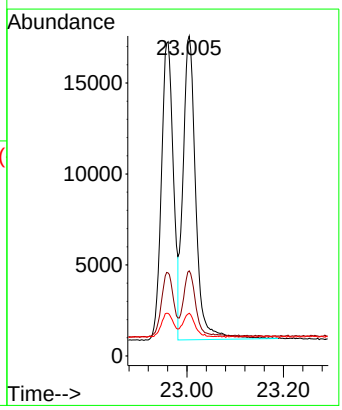


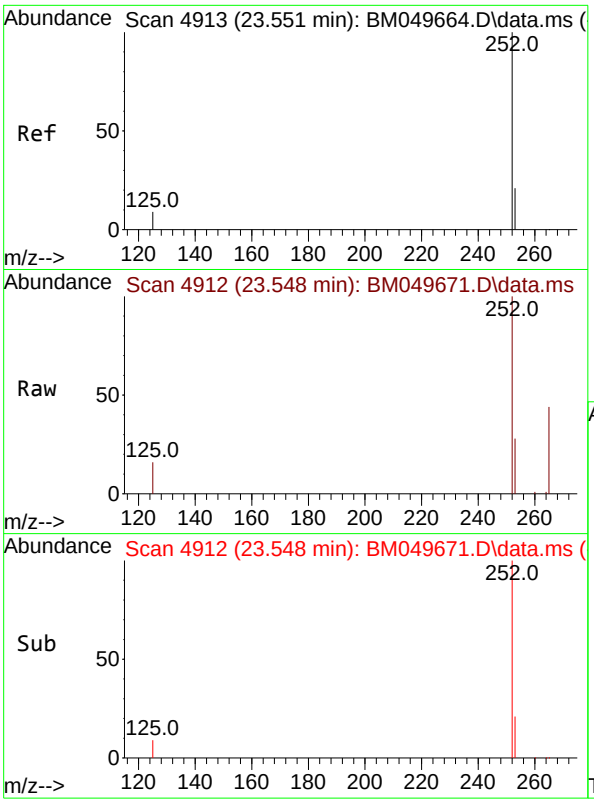


#25
Benzo(k)fluoranthene
Concen: 0.452 ng/ul
RT: 23.005 min Scan# 4726
Delta R.T. -0.006 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Tgt Ion:252 Resp: 30432

Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.2	30.4
125	13.4	10.4	15.6



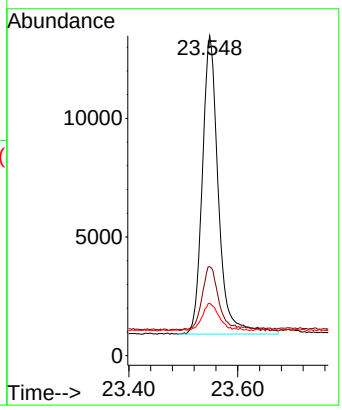


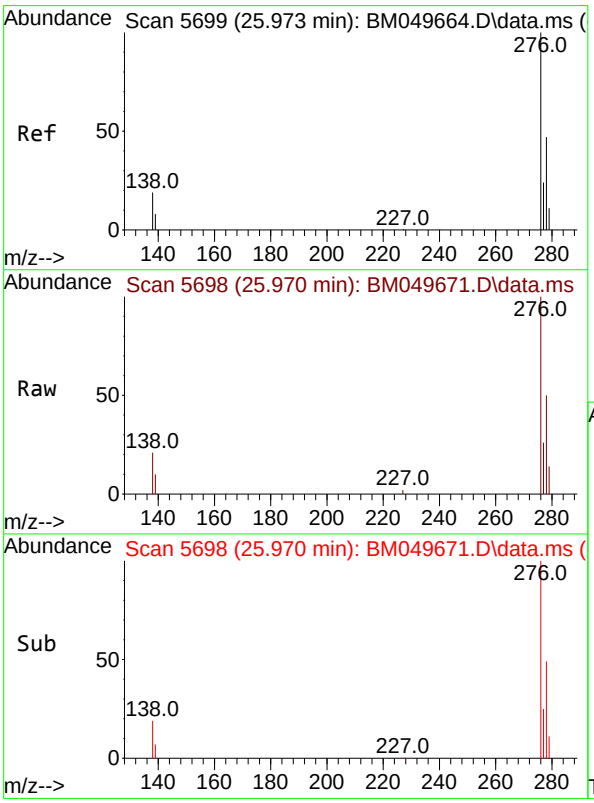
#26
Benzo(a)pyrene
Concen: 0.477 ng/ul
RT: 23.548 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Instrument :
BNA_M
ClientSampleId :
SLCS630

Tgt Ion:252 Resp: 25752

Ion	Ratio	Lower	Upper
252	100		
253	27.8	21.6	32.4
125	16.4	12.6	18.8

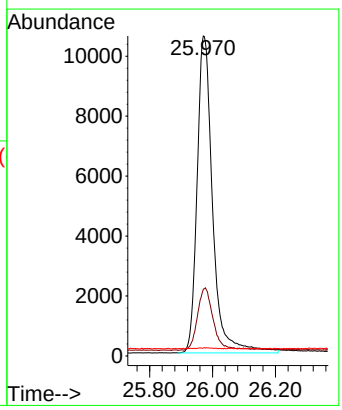


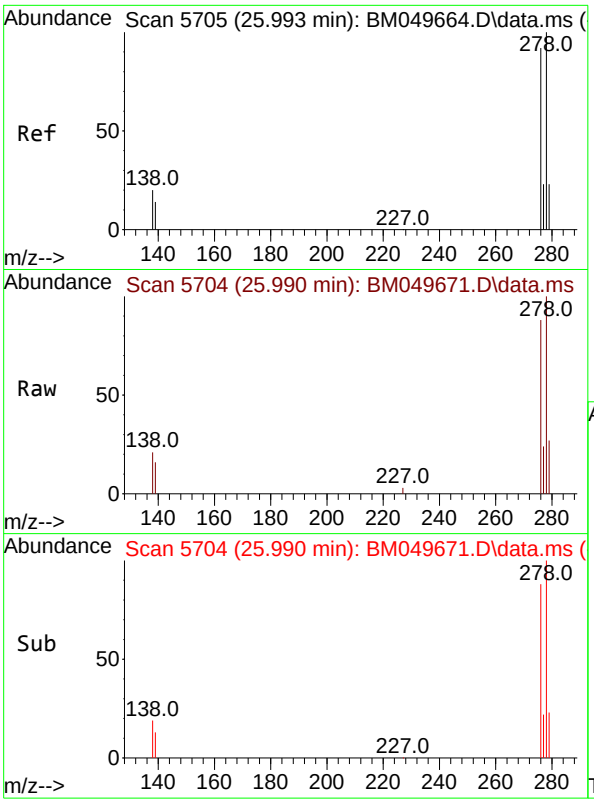


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.475 ng/ul
RT: 25.970 min Scan# 5698
Delta R.T. -0.014 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Tgt Ion:276 Resp: 36294

Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.5	24.7
227	0.2	0.1	0.1#



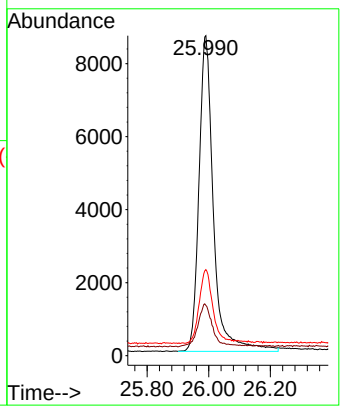


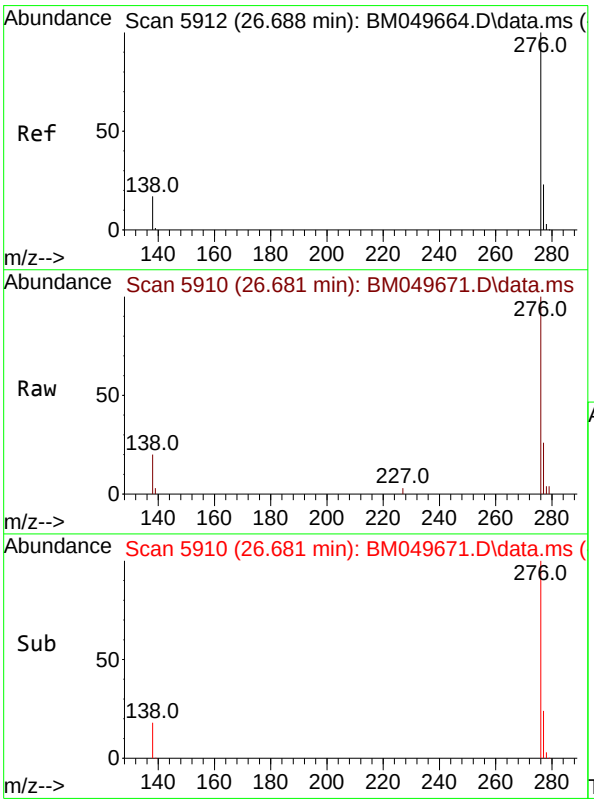
#28
Dibenzo(a,h)anthracene
Concen: 0.484 ng/ul
RT: 25.990 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Instrument :
BNA_M
ClientSampleId :
SLCS630

Tgt Ion:278 Resp: 28126

Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.4	20.0
279	26.9	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.484 ng/ul
RT: 26.681 min Scan# 5910
Delta R.T. -0.010 min
Lab File: BM049671.D
Acq: 17 Feb 2025 18:42

Tgt Ion:276 Resp: 29695

Ion	Ratio	Lower	Upper
276	100		
138	19.7	15.8	23.6
277	25.6	19.9	29.9