Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020124\
Data File : BM043954.D
Acq On : 01 Feb 2024 19:27
Operator : MA/JU
Sample : PB158635BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS635

Quant Time: Feb 01 23:55:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 22:50:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	8110	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	23221	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.566	164	10849	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	22400	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	17296	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	18756	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	7931	0.760	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	12655	0.416	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	22617	0.416	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	24338	2.223	ng/ul#	85
5) Naphthalene	10.776	128	26935	0.405	ng/ul	100
7) 2-Methylnaphthalene	12.393	142	16147	0.407	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	15378	0.391	ng/ul	99
10) Acenaphthylene	14.288	152	23540	0.400	ng/ul	100
11) Acenaphthene	14.631	153	16376	0.402	ng/ul	99
12) Fluorene	15.616	166	17963	0.401	ng/ul	99
14) Pentachlorophenol	16.959	266	5047	0.952	ng/ul	94
15) Phenanthrene	17.360	178	28034	0.411	ng/ul	99
16) Anthracene	17.453	178	27018	0.417	ng/ul	100
19) Fluoranthene	19.382	202	32129	0.403	ng/ul	100
20) Pyrene	19.745	202	32870	0.401	ng/ul	100
21) Benzo(a)anthracene	21.503	228	30524	0.423	ng/ul	99
22) Chrysene	21.555	228	32010	0.423	ng/ul	99
24) Benzo(b)fluoranthene	23.195	252	31073	0.433	ng/ul	99
25) Benzo(k)fluoranthene	23.245	252	31998	0.429	ng/ul	99
26) Benzo(a)pyrene	23.818	252	28104	0.430	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.427	276	35872	0.426	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.457	278	28694	0.428	ng/ul	99
29) Benzo(g,h,i)perylene	27.191	276	30464	0.419	ng/ul	99

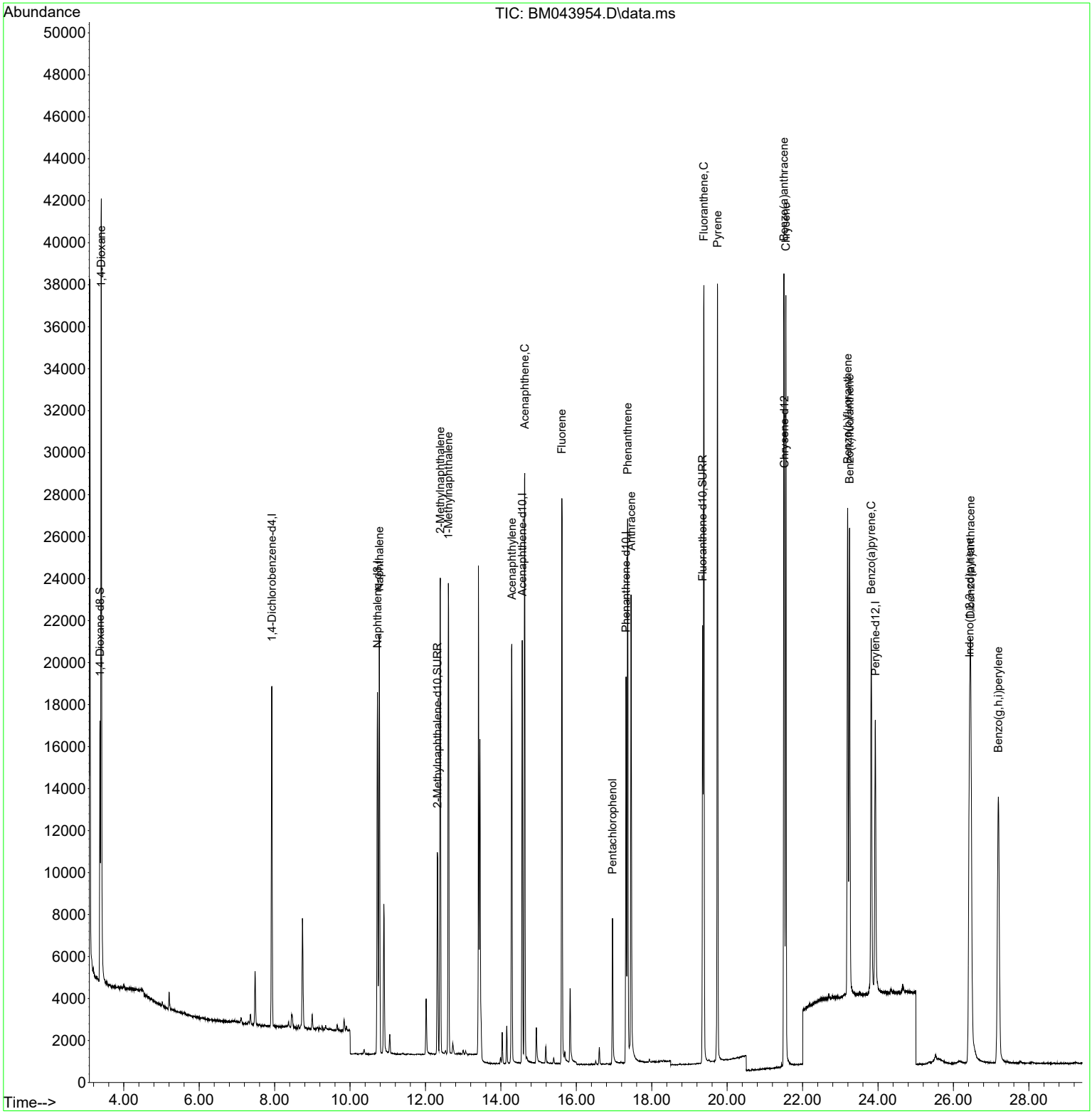
(#) = qualifier out of range (m) = manual integration (+) = signals summed

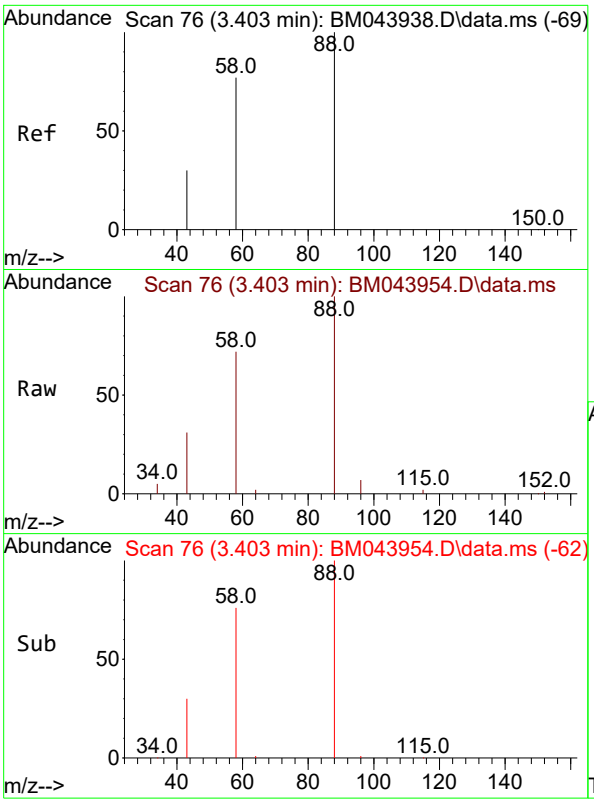
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020124\
Data File : BM043954.D
Acq On : 01 Feb 2024 19:27
Operator : MA/JU
Sample : PB158635BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS635

Quant Time: Feb 01 23:55:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 22:50:05 2024
Response via : Initial Calibration



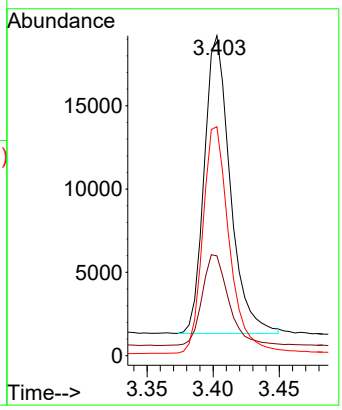


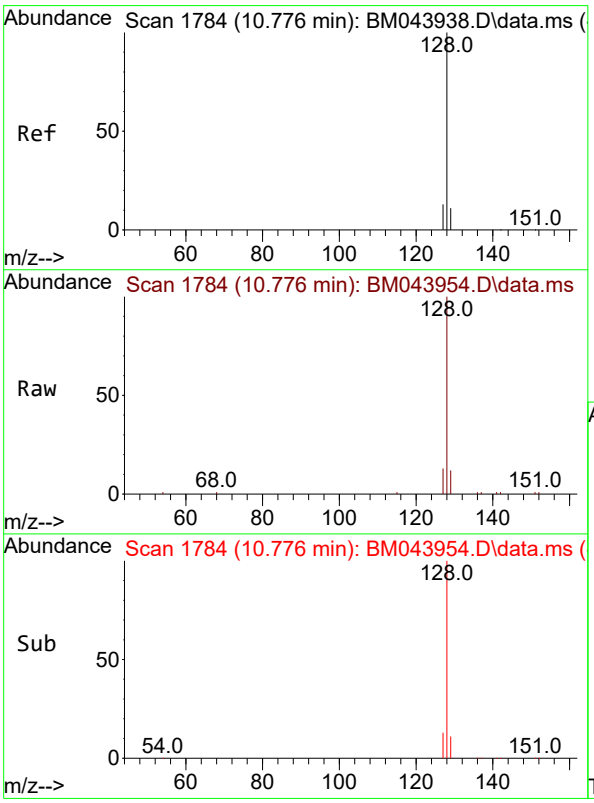
#2
1,4-Dioxane
Concen: 2.223 ng/ul
RT: 3.403 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Instrument :
BNA_M
ClientSampleId :
SLCS635

Tgt Ion: 88 Resp: 24338

Ion	Ratio	Lower	Upper
88	100		
43	31.2	27.1	40.7
58	71.5	44.6	67.0#

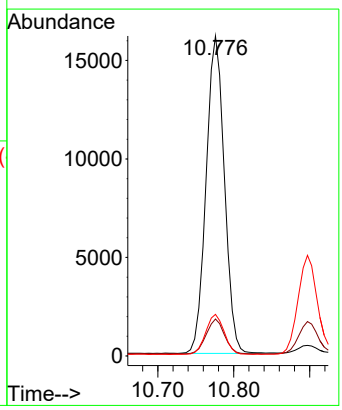


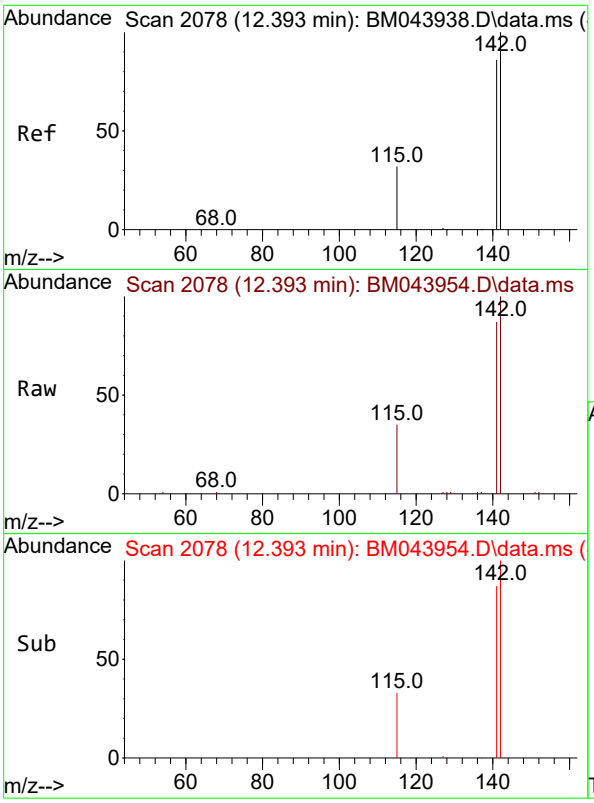


#5
Naphthalene
Concen: 0.405 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:128 Resp: 26935

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.0	10.3	15.5



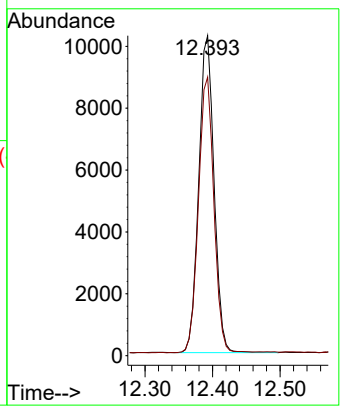


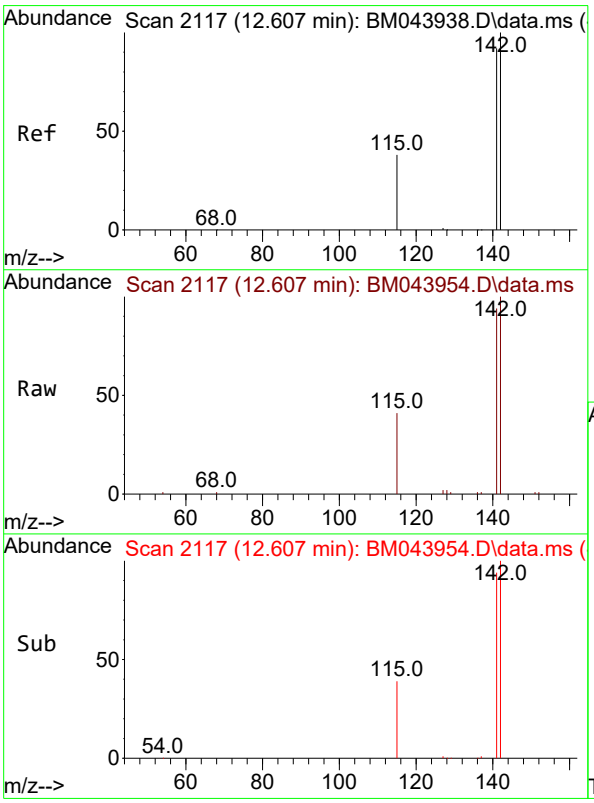
#7
2-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.393 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Instrument :
BNA_M
ClientSampleId :
SLCS635

Tgt Ion:142 Resp: 16147

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.2	105.4

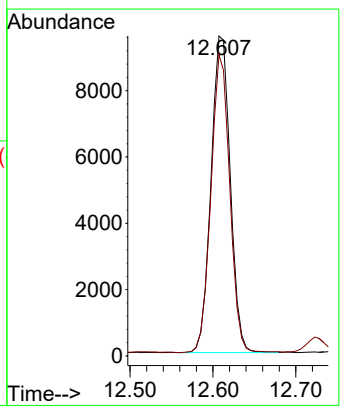


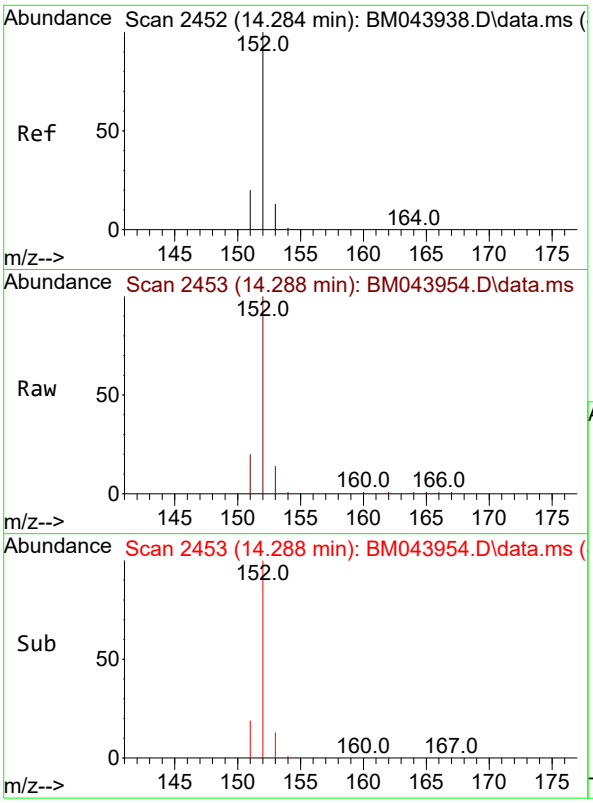


#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:142 Resp: 15378

Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.9	109.3



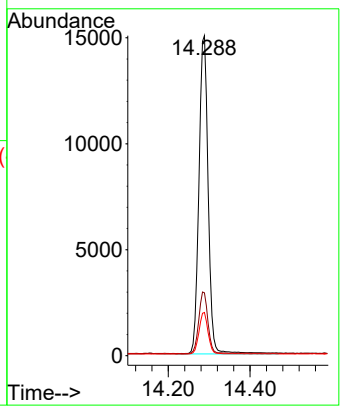


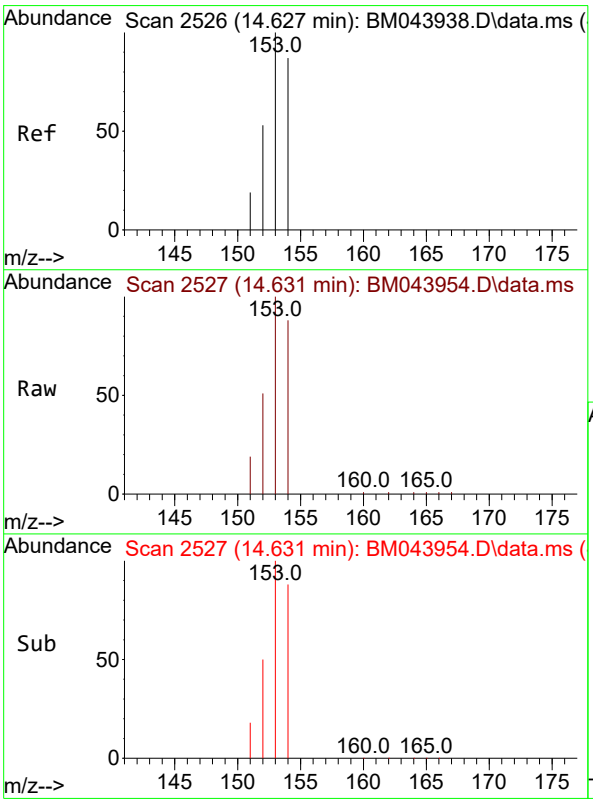
#10
Acenaphthylene
Concen: 0.400 ng/ul
RT: 14.288 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Instrument :
BNA_M
ClientSampleId :
SLCS635

Tgt Ion:152 Resp: 23540

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.5	10.9	16.3

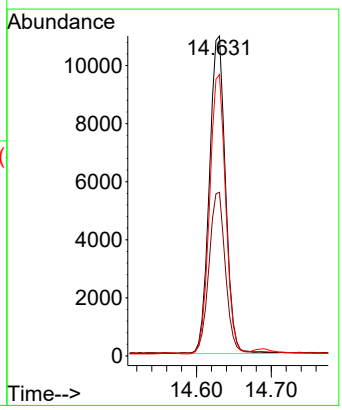


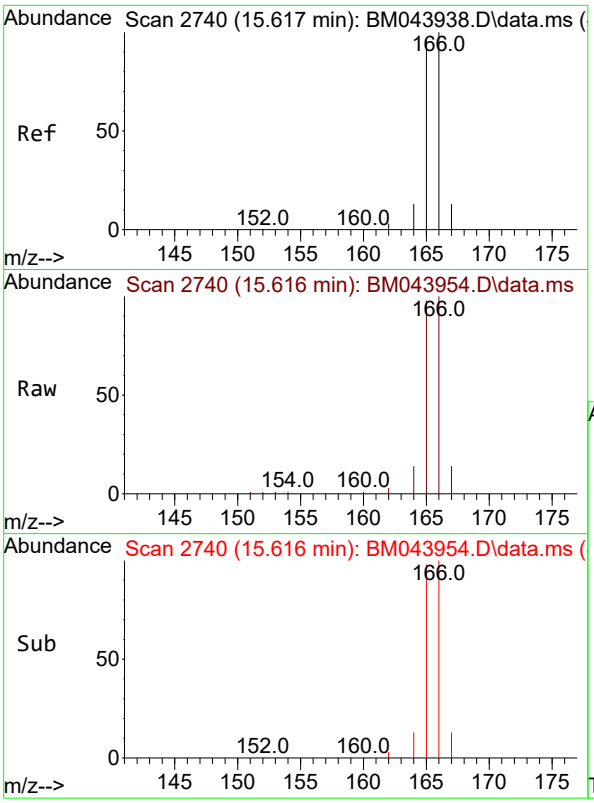


#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.631 min Scan# 2527
Delta R.T. 0.005 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:153 Resp: 16376

Ion	Ratio	Lower	Upper
153	100		
152	51.2	41.8	62.8
154	87.9	69.8	104.8



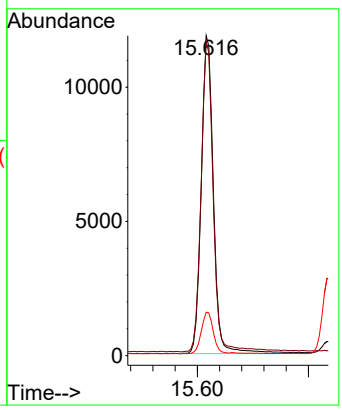


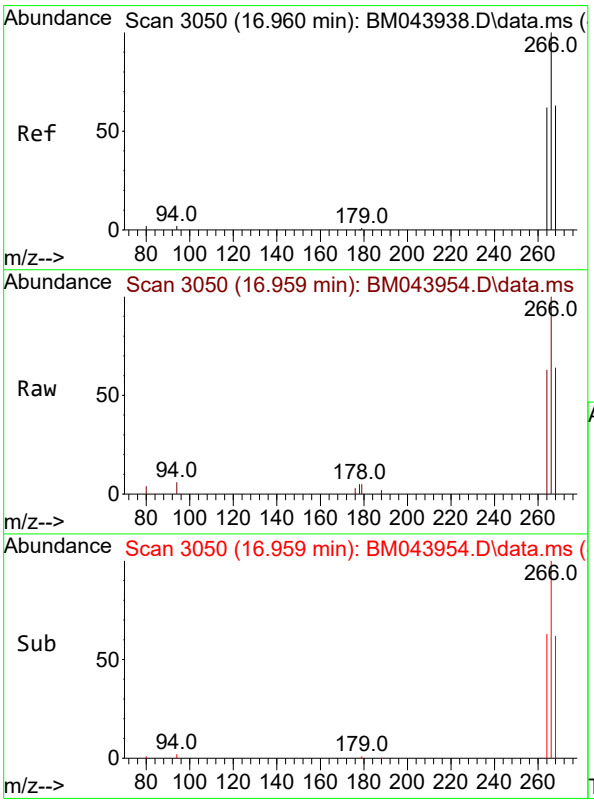
#12
Fluorene
Concen: 0.401 ng/ul
RT: 15.616 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Instrument :
BNA_M
ClientSampleId :
SLCS635

Tgt Ion:166 Resp: 17963

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.5	119.3
167	13.6	10.9	16.3

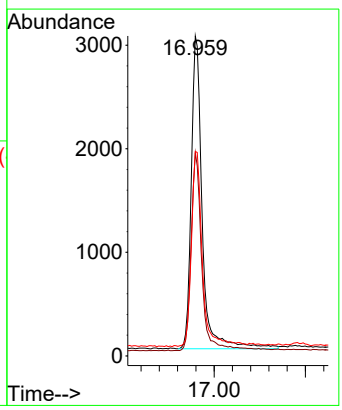


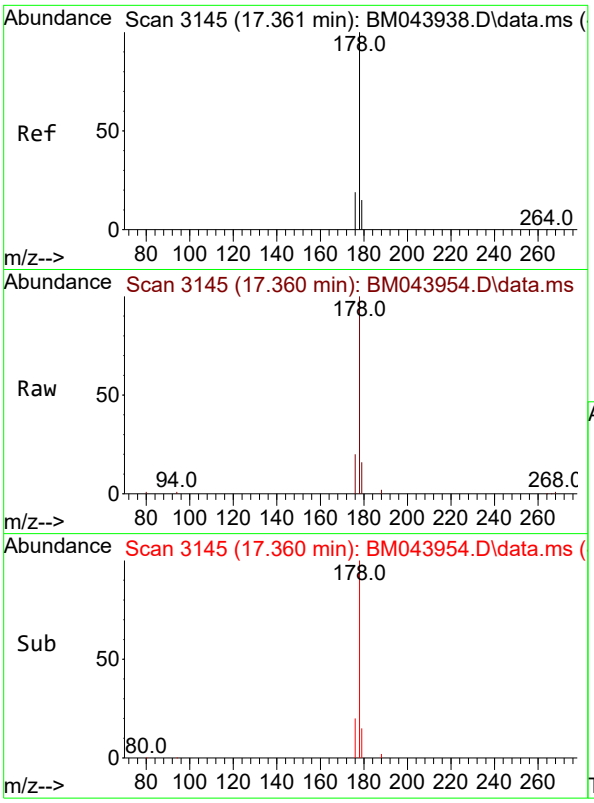


#14
Pentachlorophenol
Concen: 0.952 ng/ul
RT: 16.959 min Scan# 3050
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:266 Resp: 5047

Ion	Ratio	Lower	Upper
266	100		
264	61.8	51.3	76.9
268	61.8	54.7	82.1



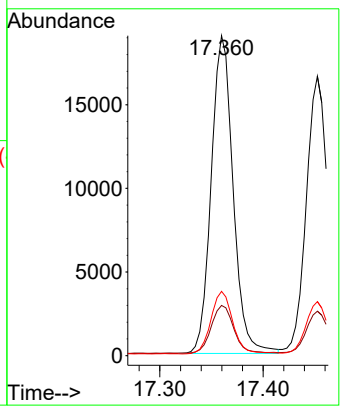


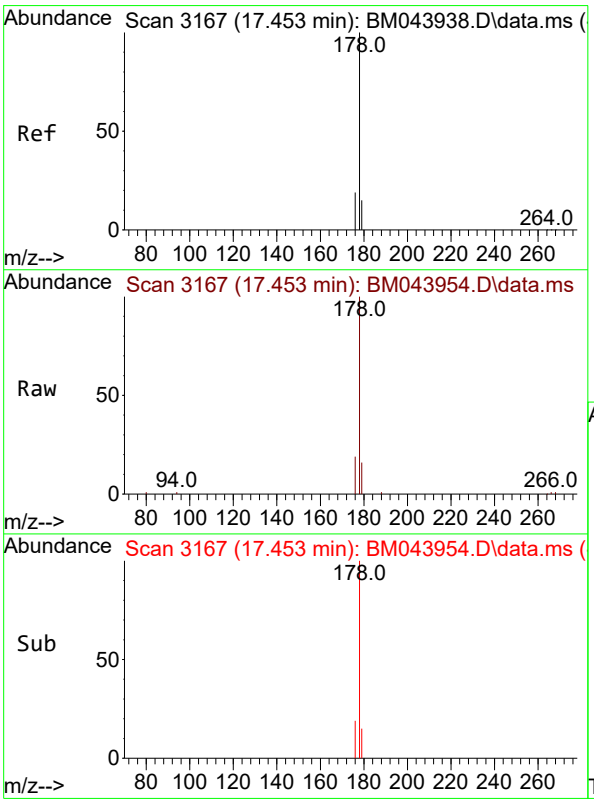
#15
Phenanthrene
Concen: 0.411 ng/ul
RT: 17.360 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Instrument :
BNA_M
ClientSampleId :
SLCS635

Tgt Ion:178 Resp: 28034

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	20.1	15.6	23.4

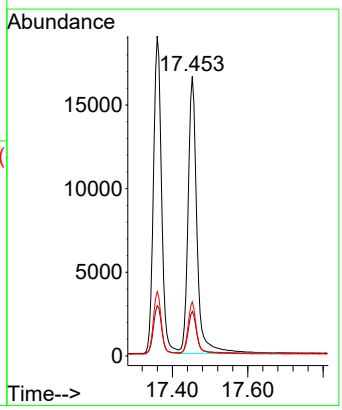


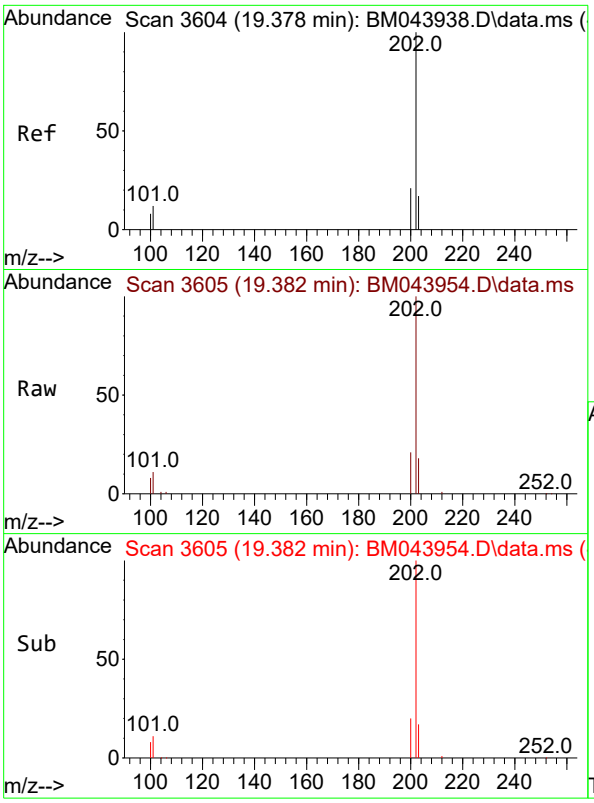


#16
Anthracene
Concen: 0.417 ng/ul
RT: 17.453 min Scan# 3167
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:178 Resp: 27018

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	19.3	15.4	23.0



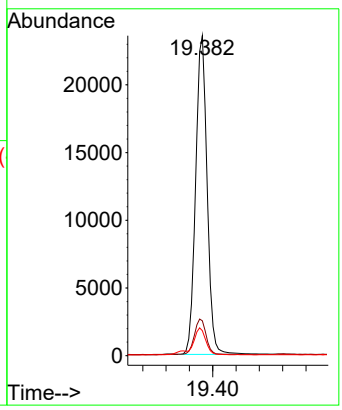


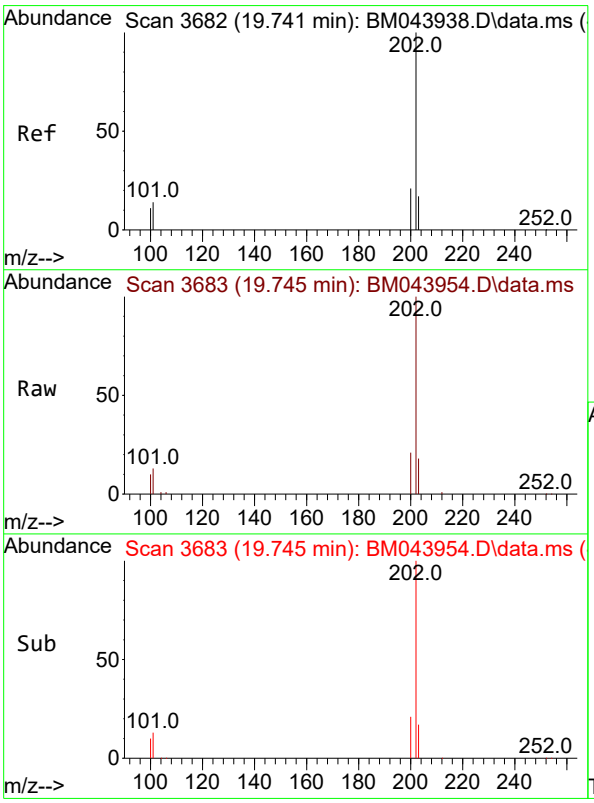
#19
Fluoranthene
Concen: 0.403 ng/ul
RT: 19.382 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Instrument :
BNA_M
ClientSampleId :
SLCS635

Tgt Ion:202 Resp: 32129

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.6	13.0
100	7.8	6.4	9.6

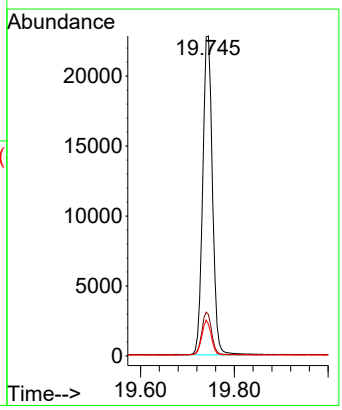


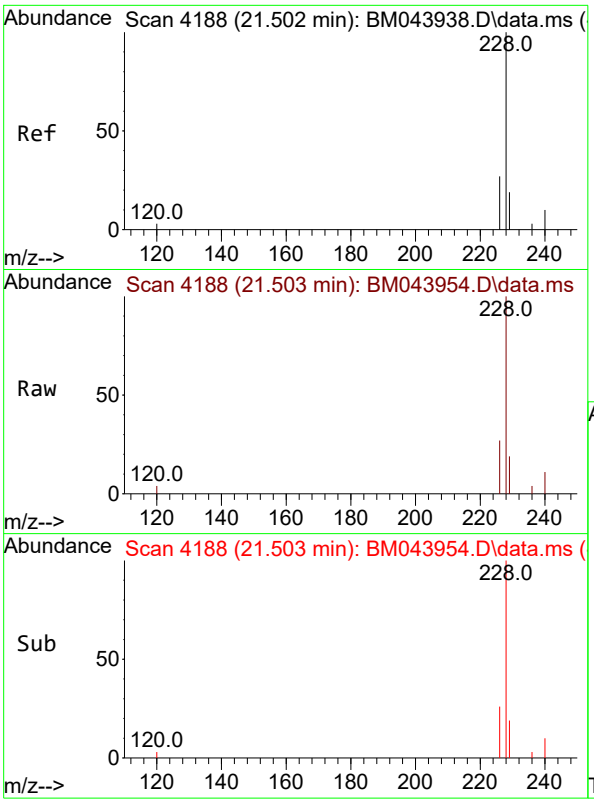


#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.745 min Scan# 3683
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:202 Resp: 32870

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.3	15.5
100	9.9	8.1	12.1



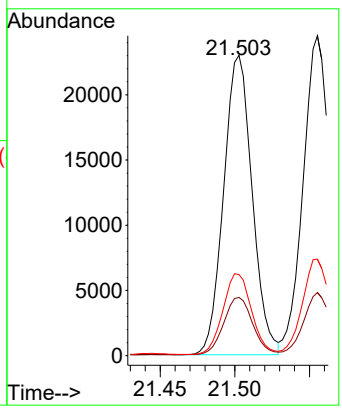


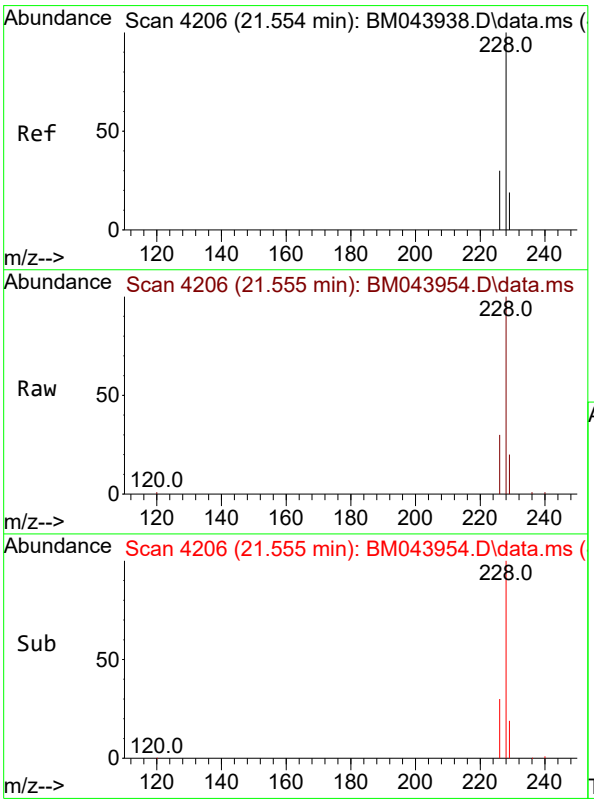
#21
Benzo(a)anthracene
Concen: 0.423 ng/ul
RT: 21.503 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Instrument :
BNA_M
ClientSampleId :
SLCS635

Tgt Ion:228 Resp: 30524

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.5	23.3
226	27.0	22.3	33.5

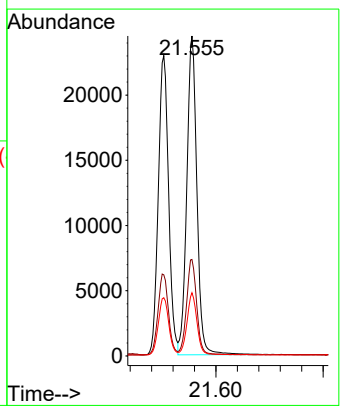


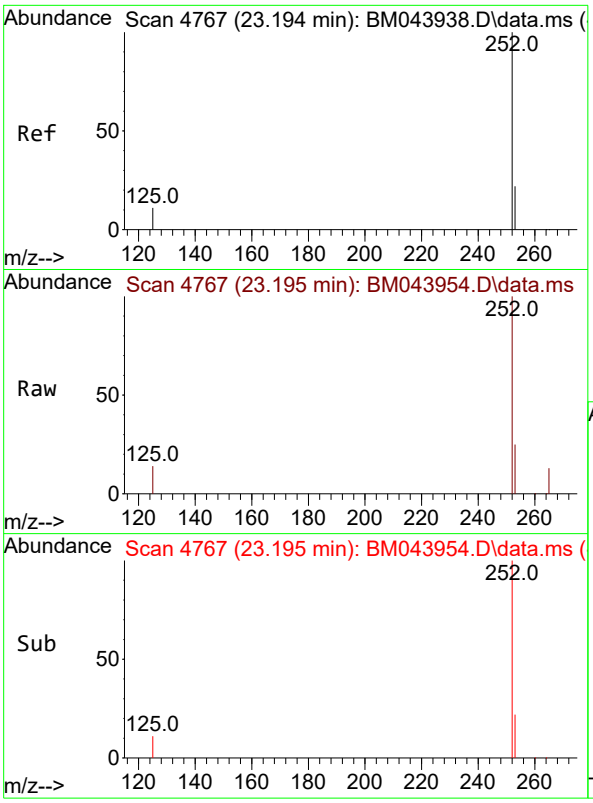


#22
Chrysene
Concen: 0.423 ng/ul
RT: 21.555 min Scan# 4206
Delta R.T. 0.003 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:228 Resp: 32010

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.7	15.5	23.3



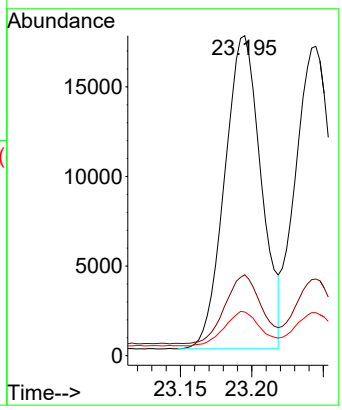


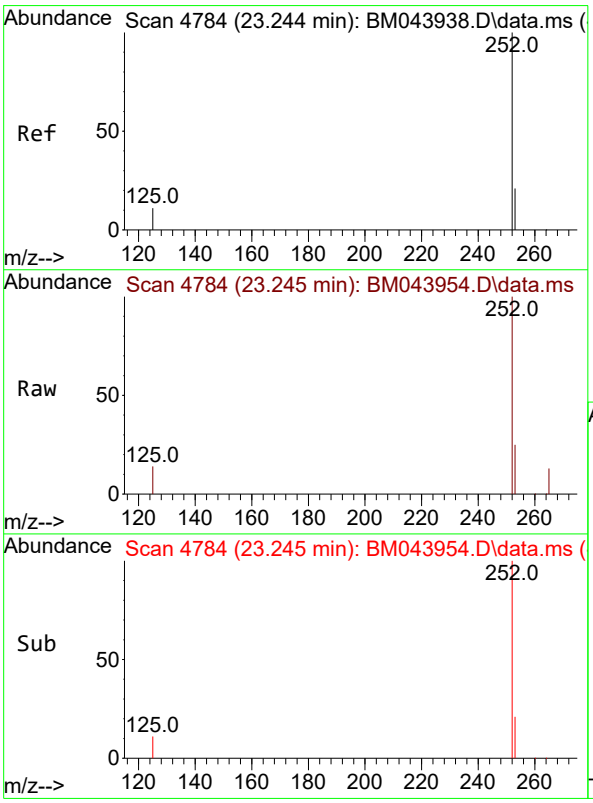
#24
Benzo(b)fluoranthene
Concen: 0.433 ng/ul
RT: 23.195 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Instrument :
BNA_M
ClientSampleId :
SLCS635

Tgt Ion:252 Resp: 31073

Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	50.0
125	13.7	0.0	26.4

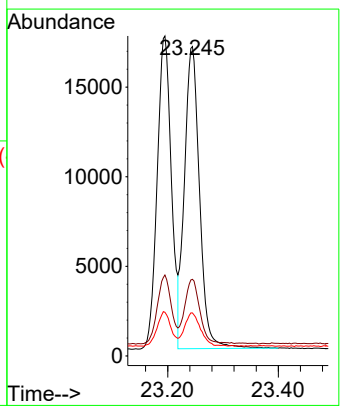


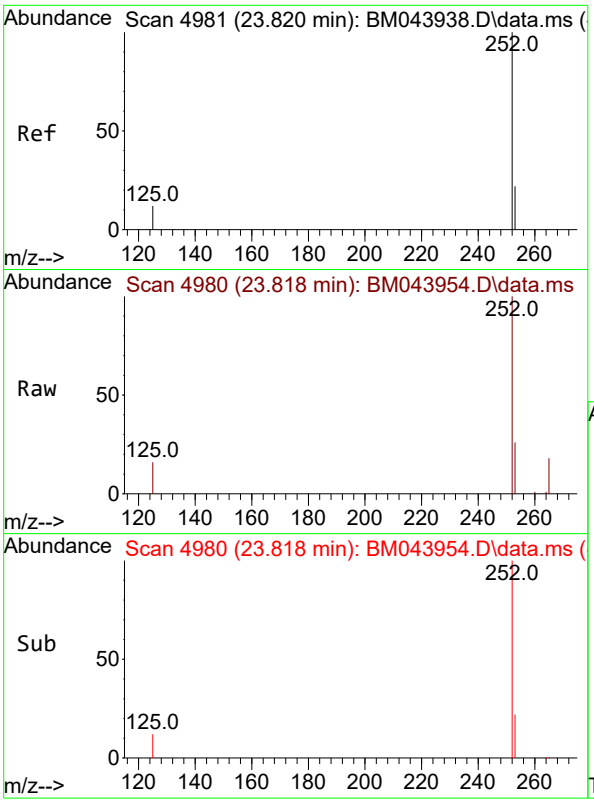


#25
Benzo(k)fluoranthene
Concen: 0.429 ng/ul
RT: 23.245 min Scan# 4784
Delta R.T. 0.003 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:252 Resp: 31998

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.7	29.5
125	13.9	10.6	16.0



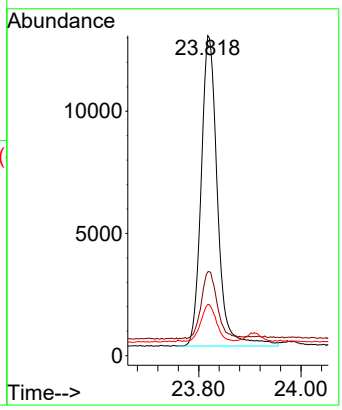


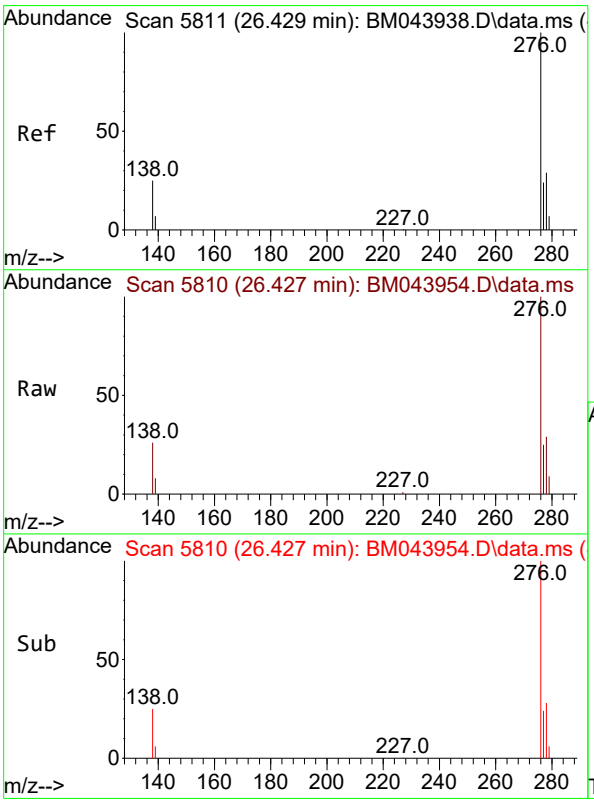
#26
Benzo(a)pyrene
Concen: 0.430 ng/ul
RT: 23.818 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Instrument :
BNA_M
ClientSampleId :
SLCS635

Tgt Ion:252 Resp: 28104

Ion	Ratio	Lower	Upper
252	100		
253	26.2	20.6	31.0
125	16.0	12.6	18.8

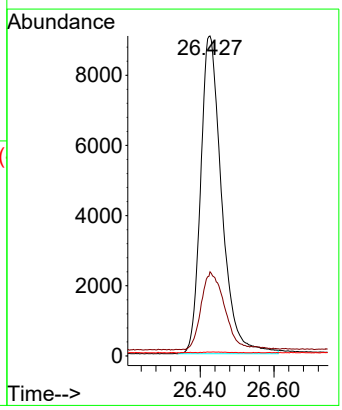


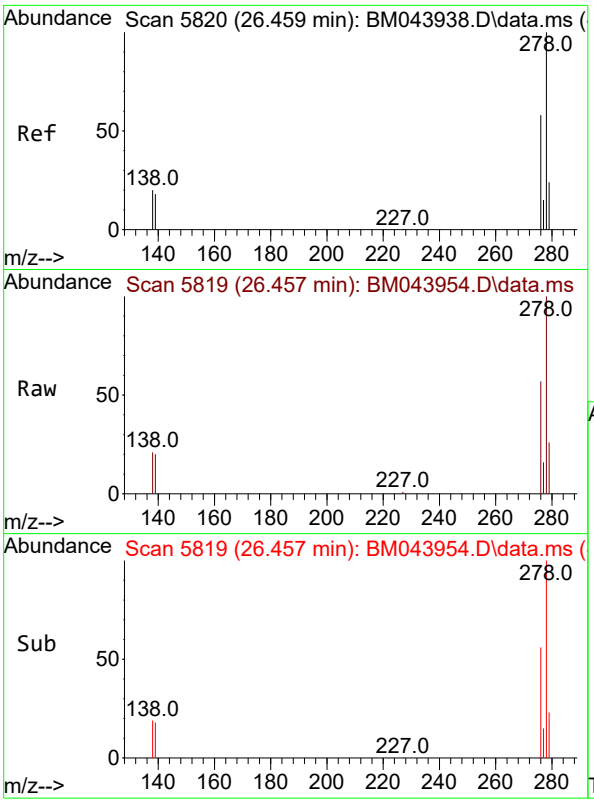


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.426 ng/ul
RT: 26.427 min Scan# 5810
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:276 Resp: 35872

Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.2	33.2
227	0.1	0.0	0.0#



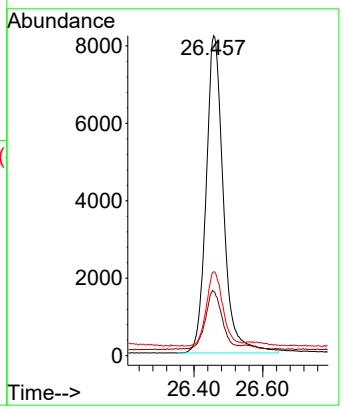


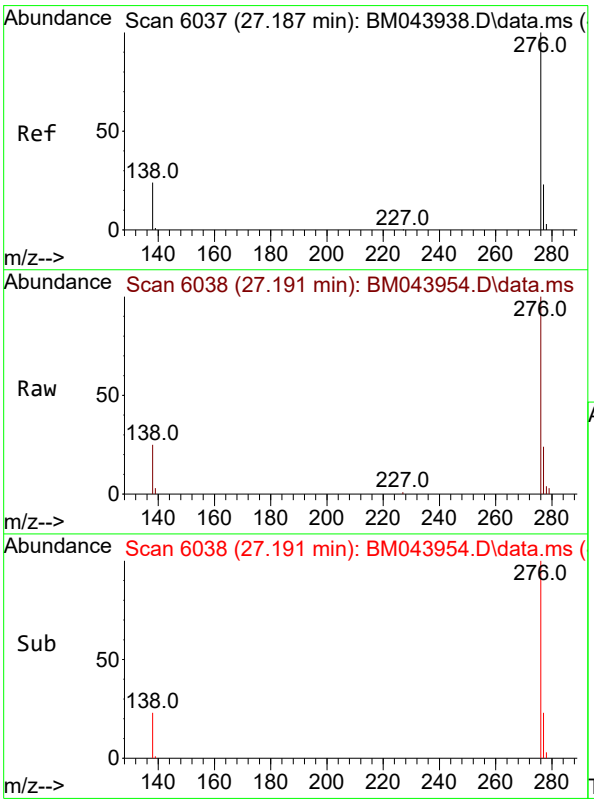
#28
Dibenzo(a,h)anthracene
Concen: 0.428 ng/ul
RT: 26.457 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Instrument :
BNA_M
ClientSampleId :
SLCS635

Tgt Ion:278 Resp: 28694

Ion	Ratio	Lower	Upper
278	100		
139	20.1	16.2	24.2
279	26.2	21.7	32.5





#29
Benzo(g,h,i)perylene
Concen: 0.419 ng/ul
RT: 27.191 min Scan# 6038
Delta R.T. -0.000 min
Lab File: BM043954.D
Acq: 01 Feb 2024 19:27

Tgt Ion:276 Resp: 30464

Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.2	30.2
277	23.8	19.0	28.4