Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041635.D
Acq On : 01 Sep 2023 03:17
Operator : MA/JU
Sample : PB155158BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS158

Quant Time: Sep 01 05:14:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 04:06:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	6772	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.933	136	14335	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.740	164	5472	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.493	188	10220	0.400	ng/ul	-0.01
17) Chrysene-d12	21.676	240	3862	0.400	ng/ul	-0.01
23) Perylene-d12	24.231	264	4100	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	6242	0.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	6846	0.396	ng/ul	-0.01
18) Fluoranthene-d10	19.515	212	7154	0.376	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.486	88	15596	1.463	ng/ul#	86
5) Naphthalene	10.988	128	17668	0.385	ng/ul	100
7) 2-Methylnaphthalene	12.583	142	10139	0.390	ng/ul	100
8) 1-Methylnaphthalene	12.803	142	10674	0.406	ng/ul	99
10) Acenaphthylene	14.472	152	15488	0.406	ng/ul	100
11) Acenaphthene	14.805	153	10719	0.407	ng/ul	99
12) Fluorene	15.790	166	11619	0.406	ng/ul	98
14) Pentachlorophenol	17.118	266	2919	0.743	ng/ul	98
15) Phenanthrene	17.536	178	17584	0.394	ng/ul	99
16) Anthracene	17.628	178	15595	0.402	ng/ul	99
19) Fluoranthene	19.543	202	18144	0.358	ng/ul	99
20) Pyrene	19.910	202	17923	0.352	ng/ul	100
21) Benzo(a)anthracene	21.659	228	12132	0.352	ng/ul	100
22) Chrysene	21.717	228	12830	0.347	ng/ul	99
24) Benzo(b)fluoranthene	23.436	252	12971	0.341	ng/ul	99
25) Benzo(k)fluoranthene	23.488	252	12453	0.344	ng/ul	99
26) Benzo(a)pyrene	24.114	252	11046	0.326	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.924	276	14798	0.327	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.954	278	10054	0.330	ng/ul	97
29) Benzo(g,h,i)perylene	27.766	276	13013	0.342	ng/ul	99

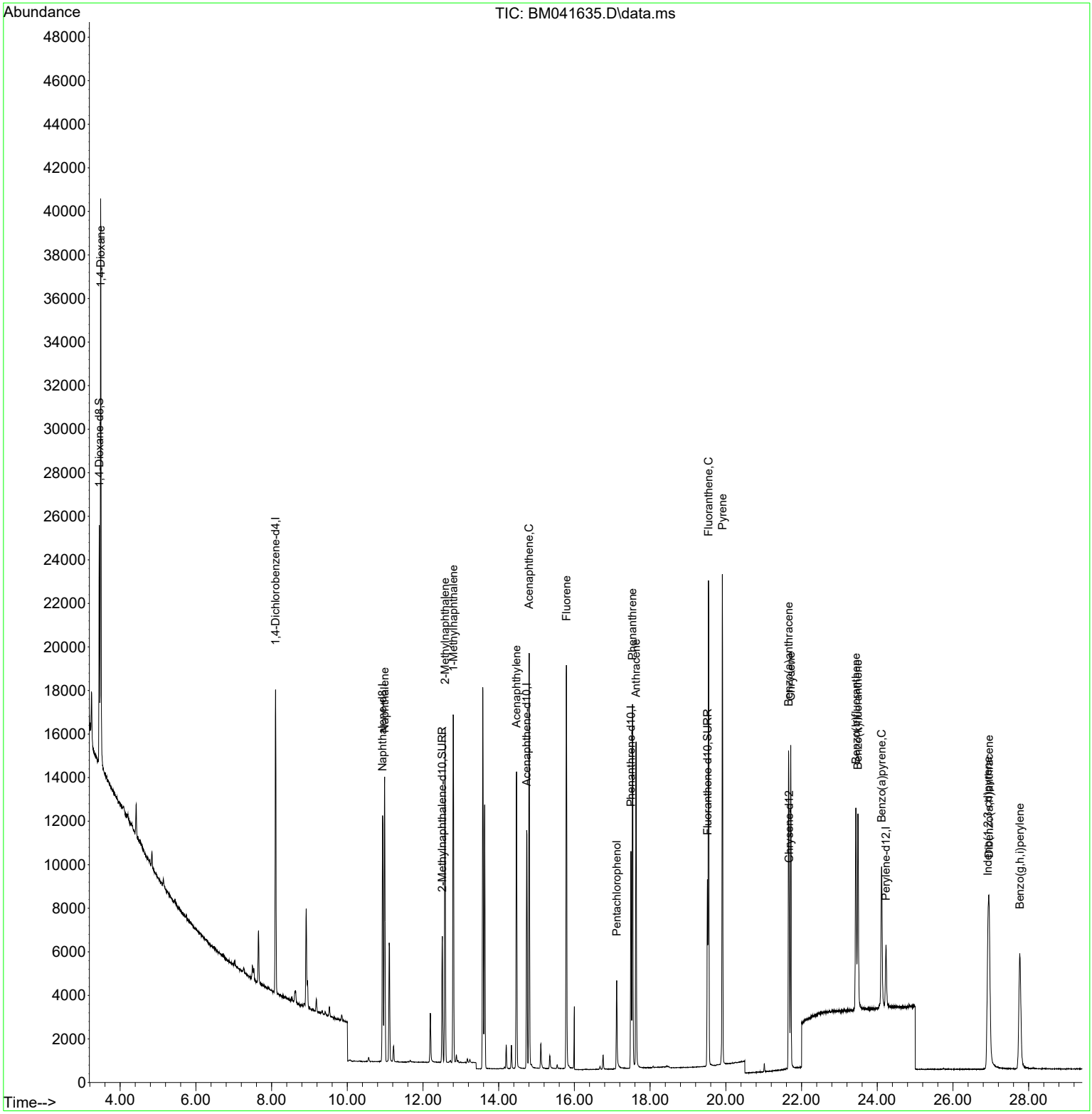
(#) = qualifier out of range (m) = manual integration (+) = signals summed

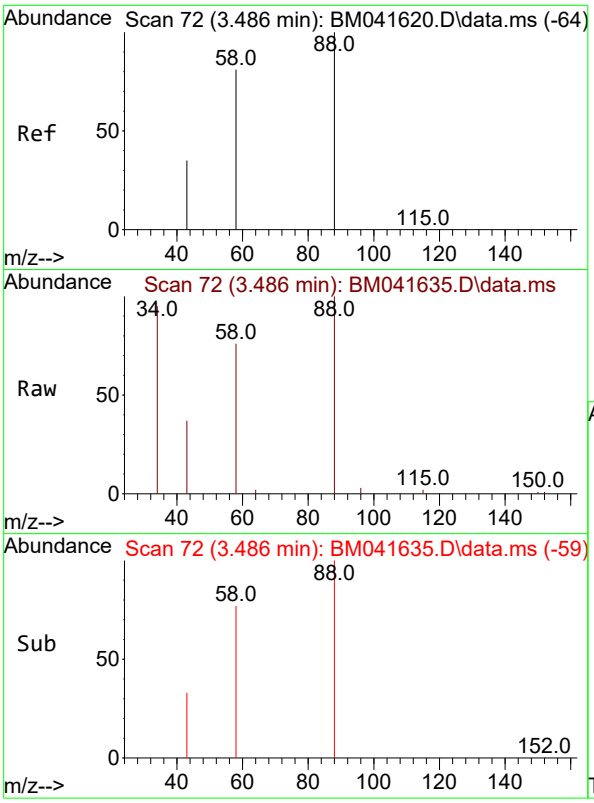
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041635.D
Acq On : 01 Sep 2023 03:17
Operator : MA/JU
Sample : PB155158BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS158

Quant Time: Sep 01 05:14:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 04:06:38 2023
Response via : Initial Calibration



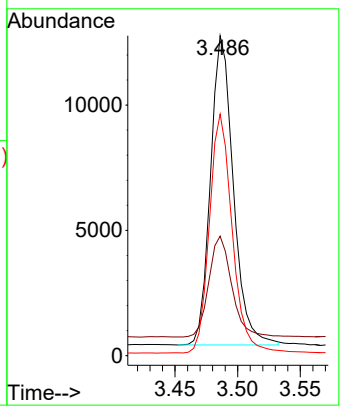


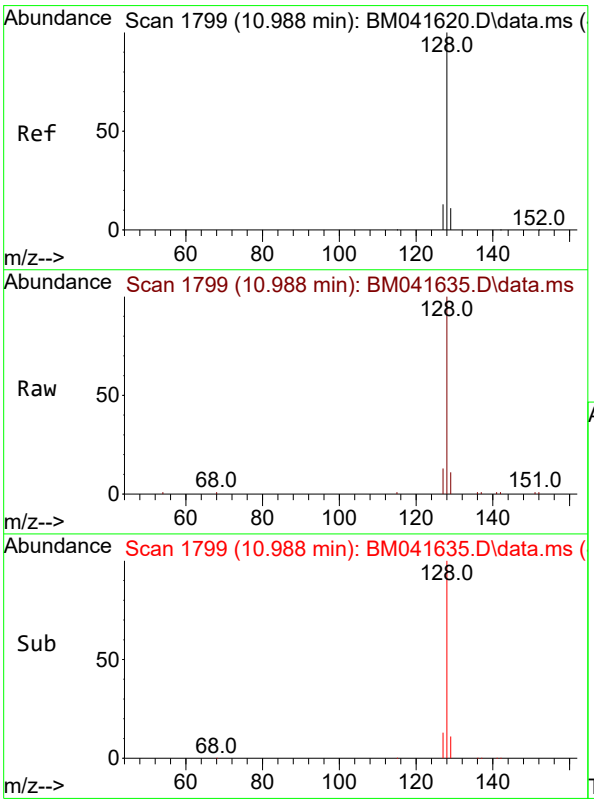
#2
1,4-Dioxane
Concen: 1.463 ng/ul
RT: 3.486 min Scan# 7
Delta R.T. -0.004 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS158

Tgt Ion: 88 Resp: 15596

Ion	Ratio	Lower	Upper
88	100		
43	37.4	46.2	69.2#
58	75.5	58.1	87.1

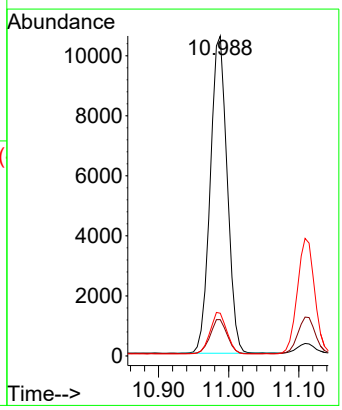


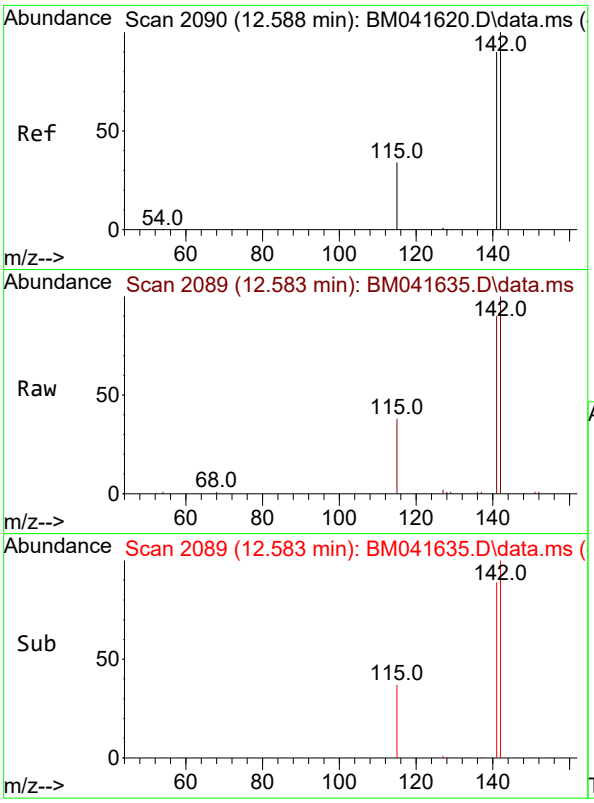


#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.988 min Scan# 1799
Delta R.T. -0.011 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Tgt Ion:128 Resp: 17668

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.4	10.6	15.8



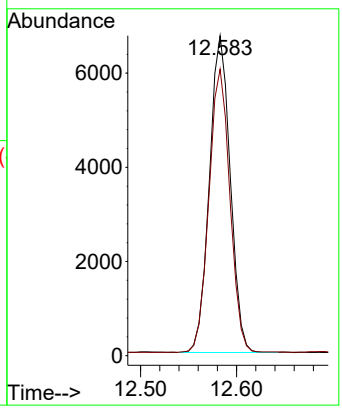


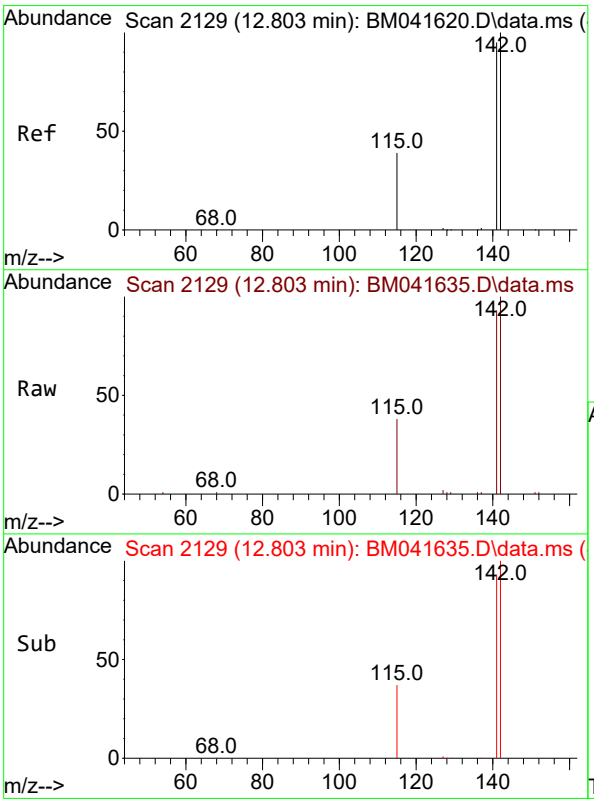
#7
2-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.583 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS158

Tgt Ion:142 Resp: 10139

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.8	107.8

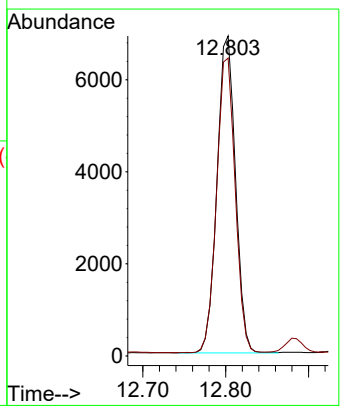


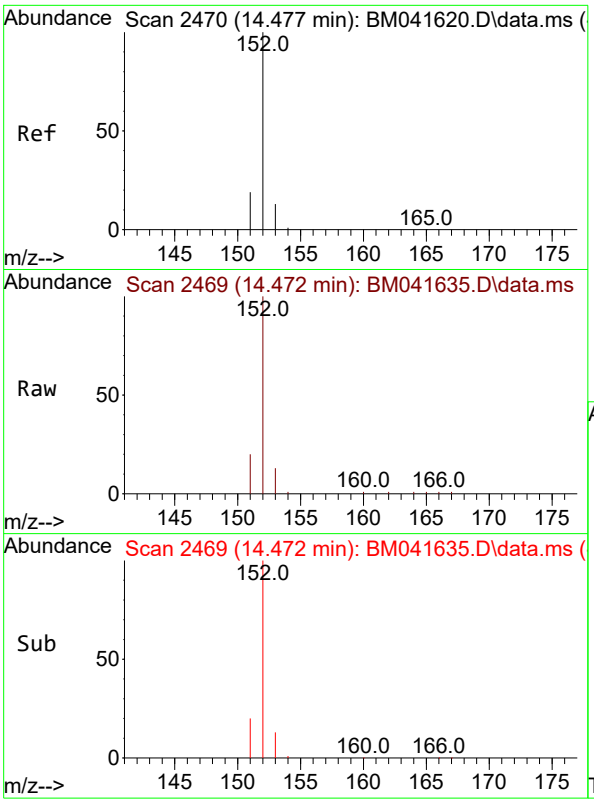


#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.803 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Tgt Ion:142 Resp: 10674

Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.2	111.2



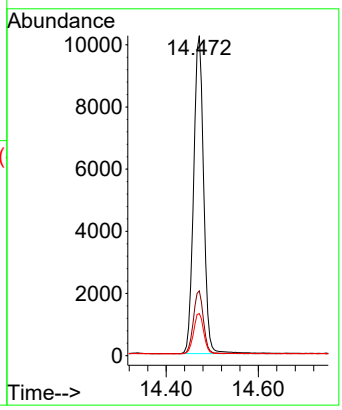


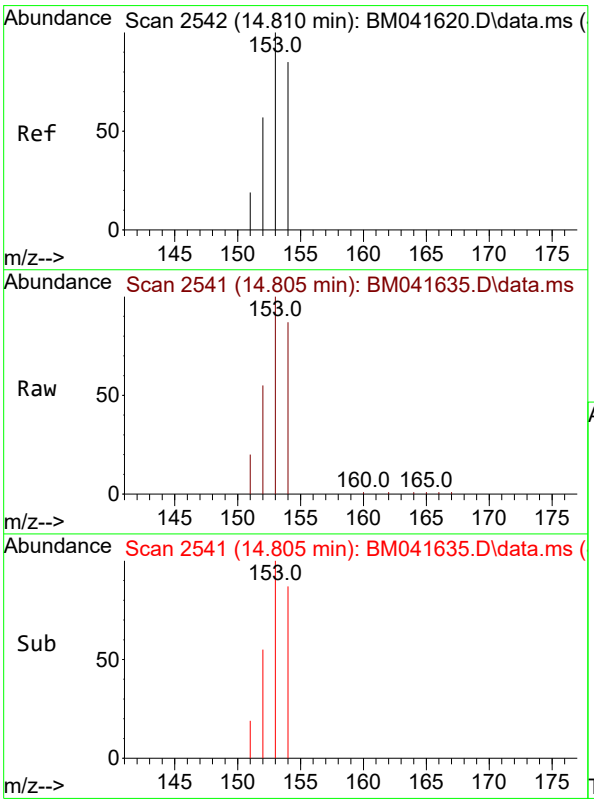
#10
Acenaphthylene
Concen: 0.406 ng/ul
RT: 14.472 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS158

Tgt Ion:152 Resp: 15488

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.2	10.6	15.8

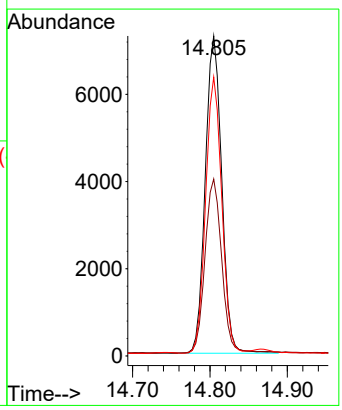


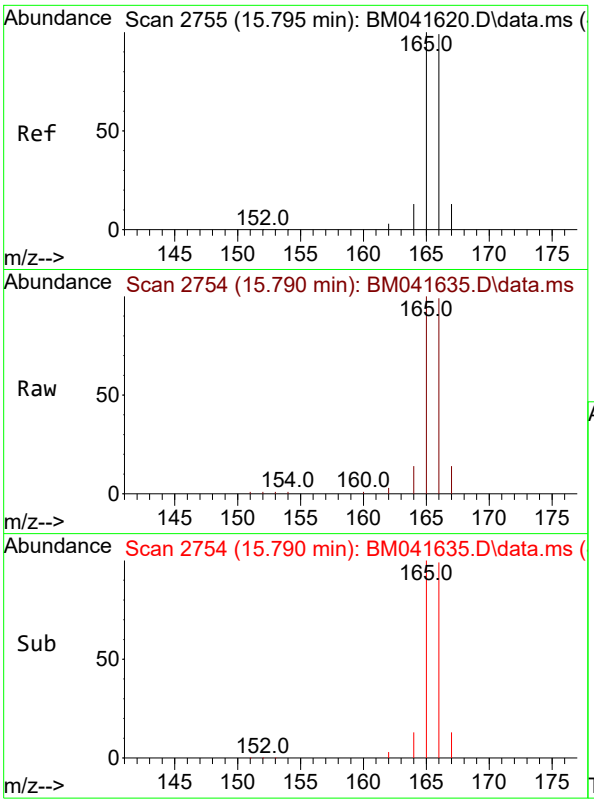


#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.805 min Scan# 2541
Delta R.T. -0.014 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Tgt Ion:153 Resp: 10719

Ion	Ratio	Lower	Upper
153	100		
152	55.3	43.4	65.2
154	87.2	70.2	105.2



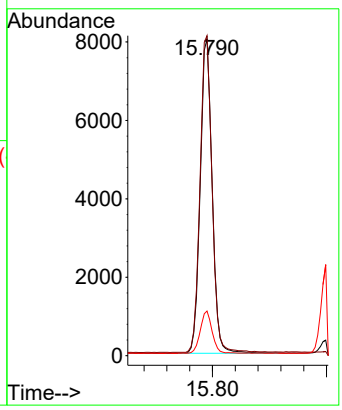


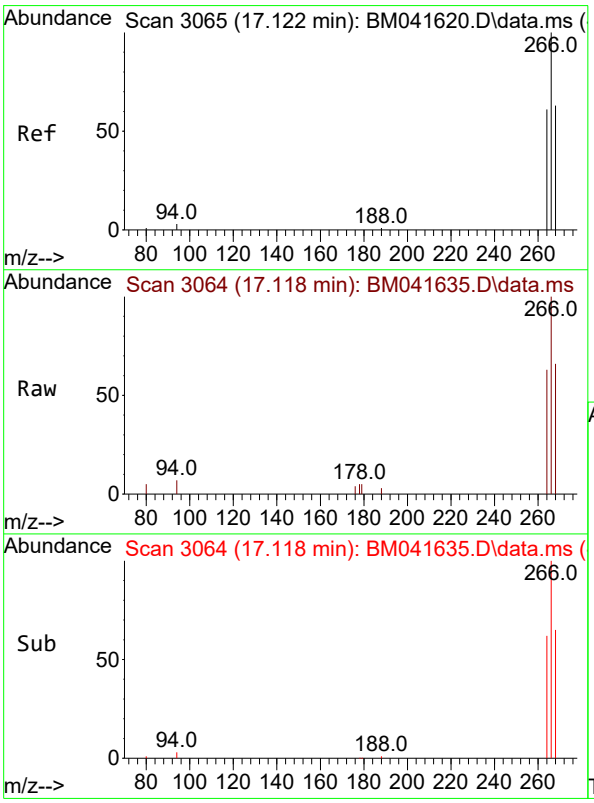
#12
Fluorene
Concen: 0.406 ng/ul
RT: 15.790 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS158

Tgt Ion:166 Resp: 11619

Ion	Ratio	Lower	Upper
166	100		
165	101.0	82.2	123.2
167	14.1	11.5	17.3

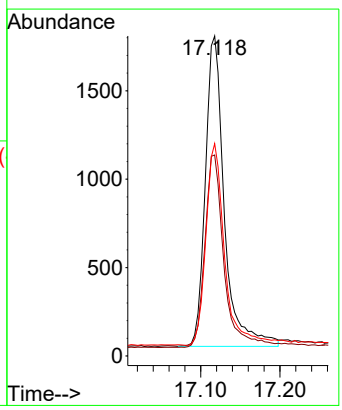


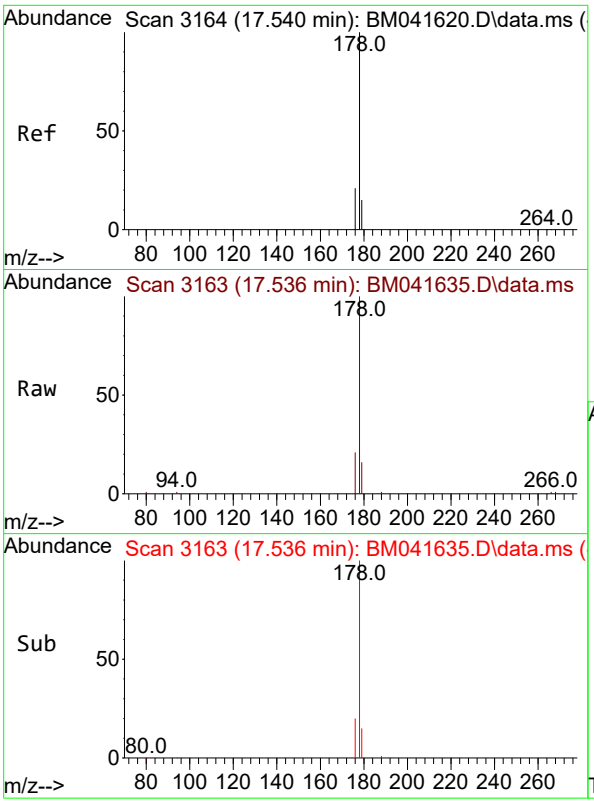


#14
Pentachlorophenol
Concen: 0.743 ng/ul
RT: 17.118 min Scan# 3064
Delta R.T. -0.008 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Tgt Ion:266 Resp: 2919

Ion	Ratio	Lower	Upper
266	100		
264	62.2	49.3	73.9
268	64.6	50.2	75.4



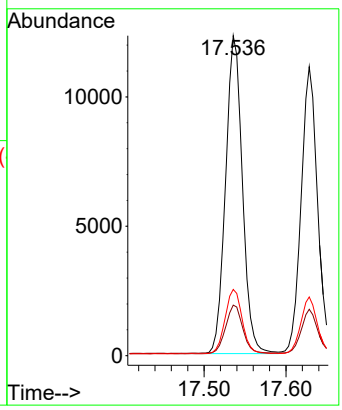


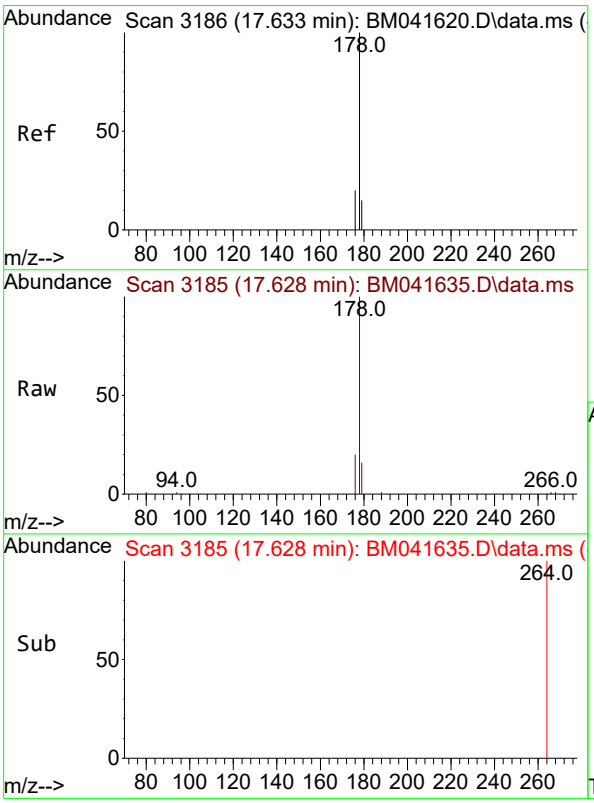
#15
Phenanthrene
Concen: 0.394 ng/ul
RT: 17.536 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS158

Tgt Ion:178 Resp: 17584

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	20.7	16.2	24.4

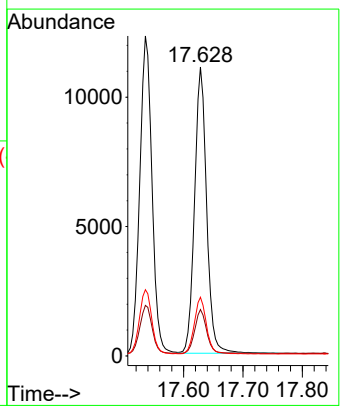


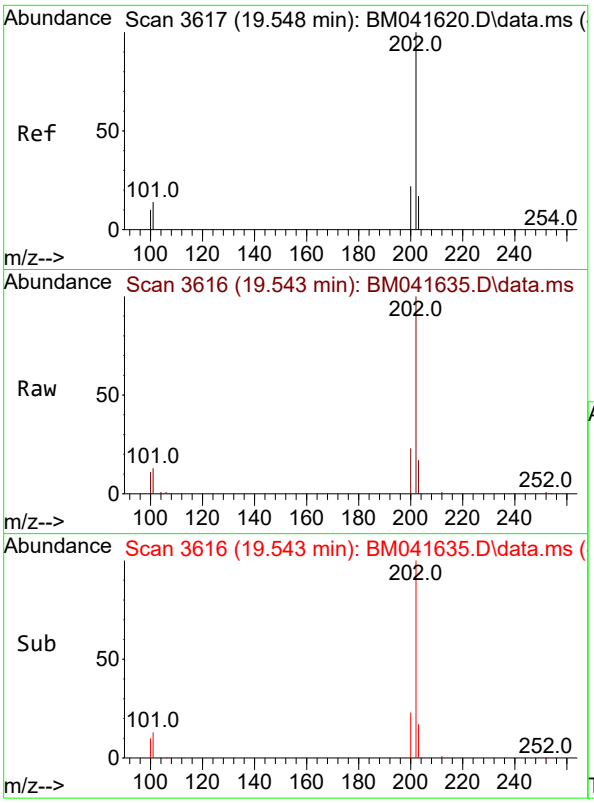


#16
Anthracene
Concen: 0.402 ng/ul
RT: 17.628 min Scan# 3185
Delta R.T. -0.013 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Tgt Ion:178 Resp: 15595

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	20.3	15.6	23.4



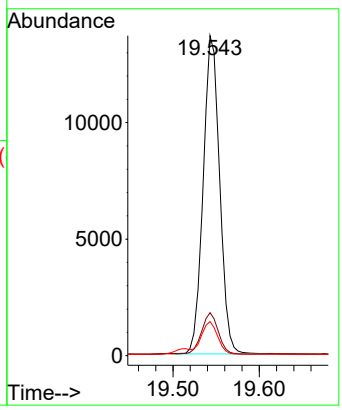


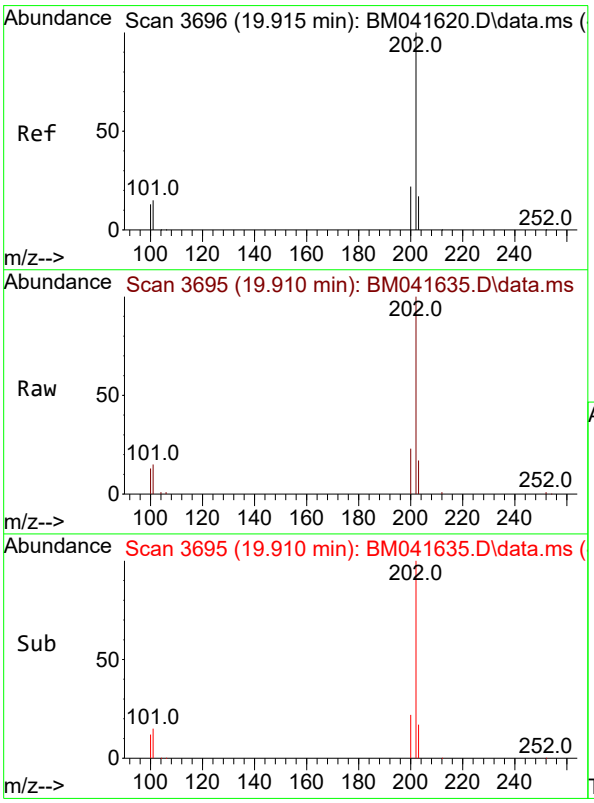
#19
Fluoranthene
Concen: 0.358 ng/ul
RT: 19.543 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS158

Tgt Ion:202 Resp: 18144

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.7	16.1
100	10.7	8.1	12.1

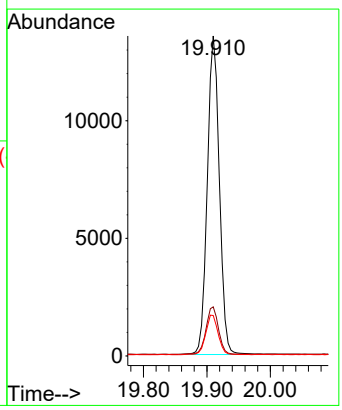


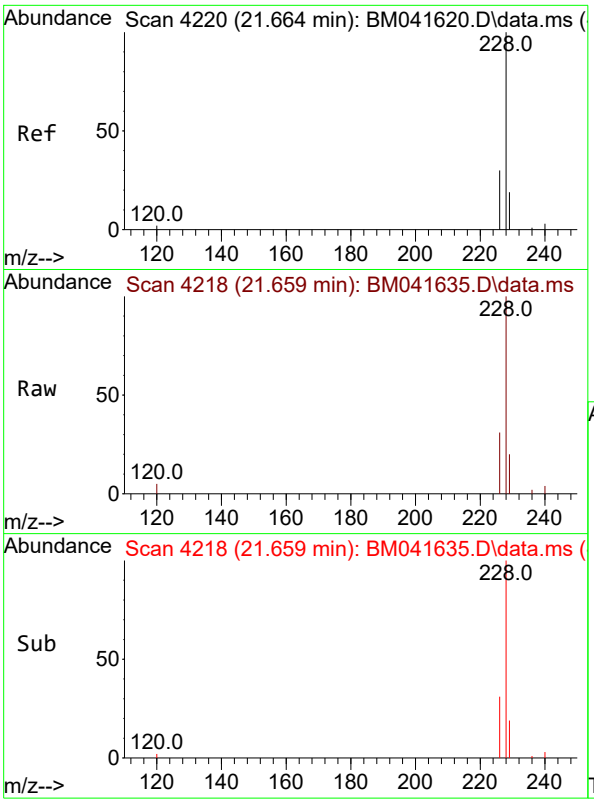


#20
Pyrene
Concen: 0.352 ng/ul
RT: 19.910 min Scan# 3695
Delta R.T. -0.014 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Tgt Ion:202 Resp: 17923

Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.2	18.4
100	12.7	9.8	14.8



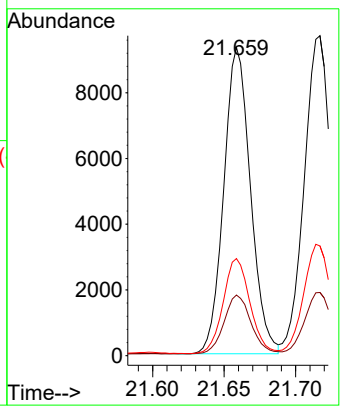


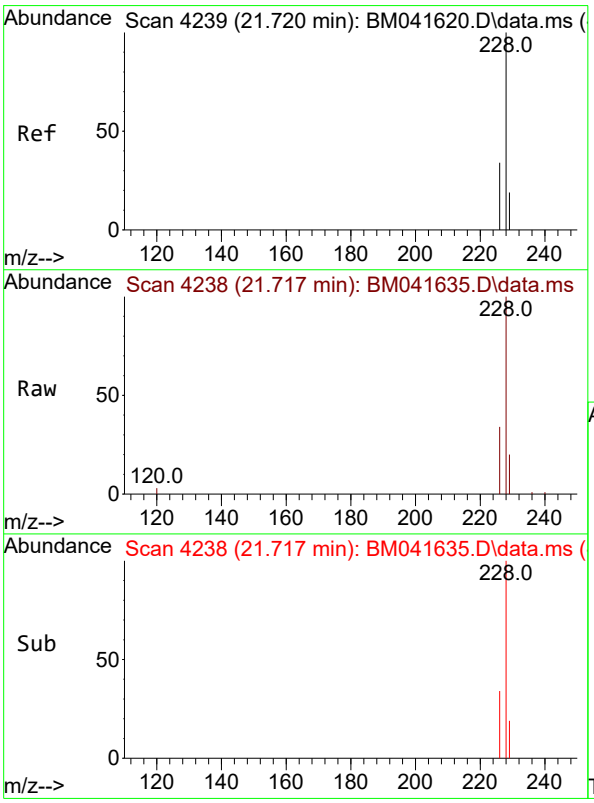
#21
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.659 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS158

Tgt Ion:228 Resp: 12132

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.6	23.4
226	31.5	25.0	37.4

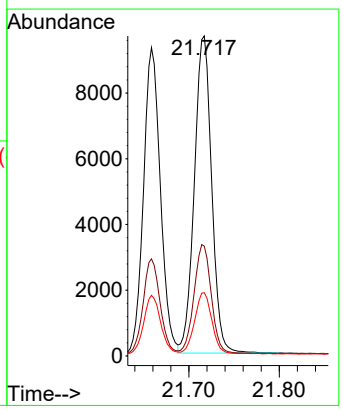


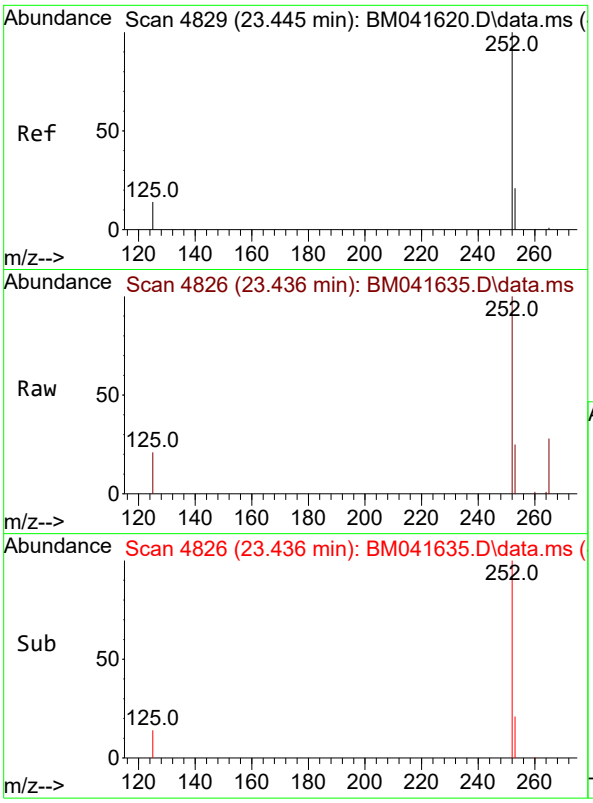


#22
Chrysene
Concen: 0.347 ng/ul
RT: 21.717 min Scan# 4238
Delta R.T. -0.012 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Tgt Ion:228 Resp: 12830

Ion	Ratio	Lower	Upper
228	100		
226	34.3	26.7	40.1
229	19.8	15.9	23.9



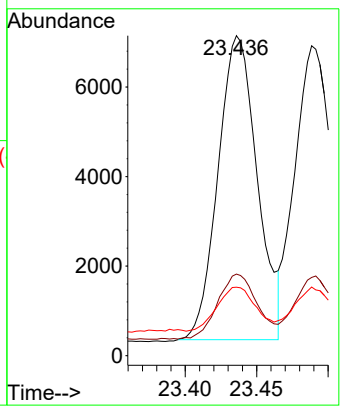


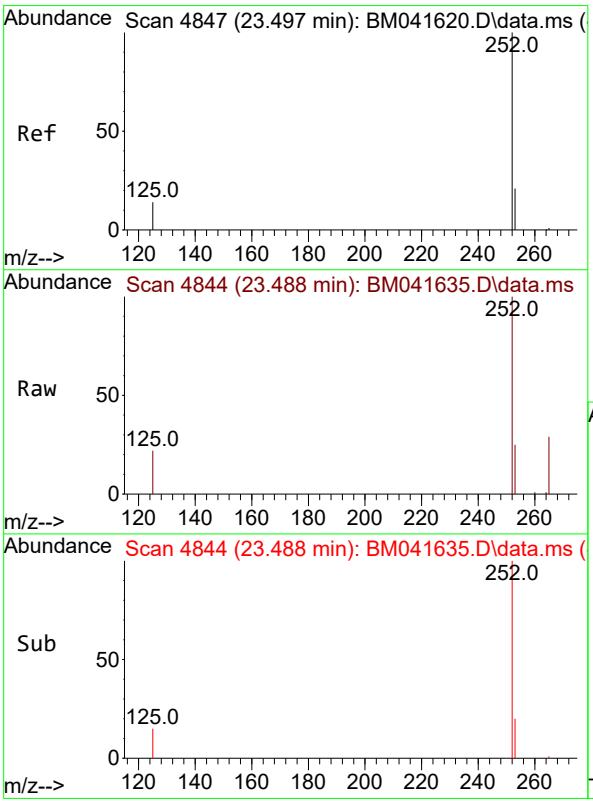
#24
Benzo(b)fluoranthene
Concen: 0.341 ng/ul
RT: 23.436 min Scan# 4
Delta R.T. -0.023 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS158

Tgt Ion:252 Resp: 12971

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	50.0
125	21.4	0.0	44.0

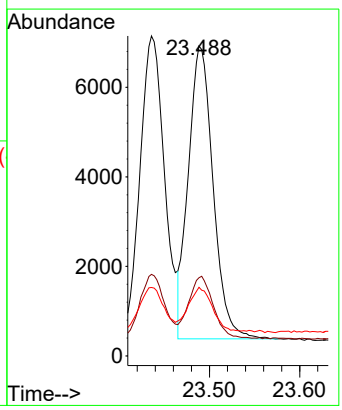


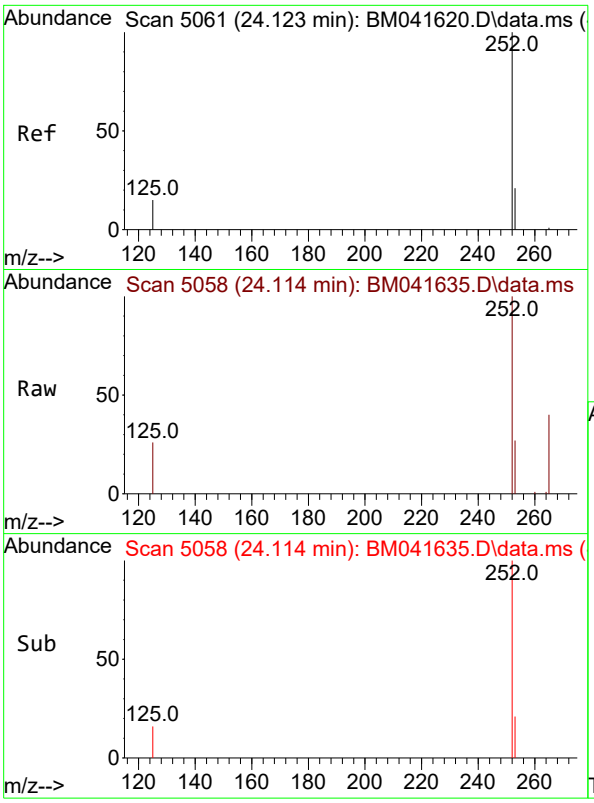


#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul
RT: 23.488 min Scan# 4844
Delta R.T. -0.023 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Tgt Ion:252 Resp: 12453

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.2	30.4
125	22.1	18.2	27.4



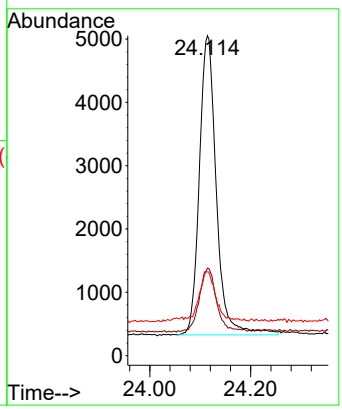


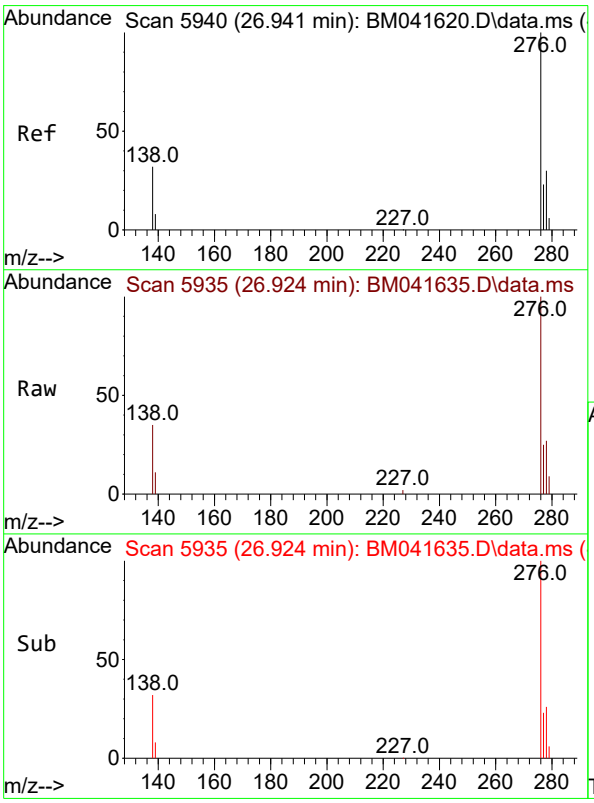
#26
Benzo(a)pyrene
Concen: 0.326 ng/ul
RT: 24.114 min Scan# 5
Delta R.T. -0.023 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS158

Tgt Ion:252 Resp: 11046

Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.9	31.3
125	26.2	21.1	31.7

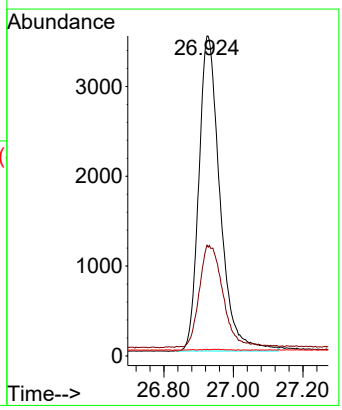


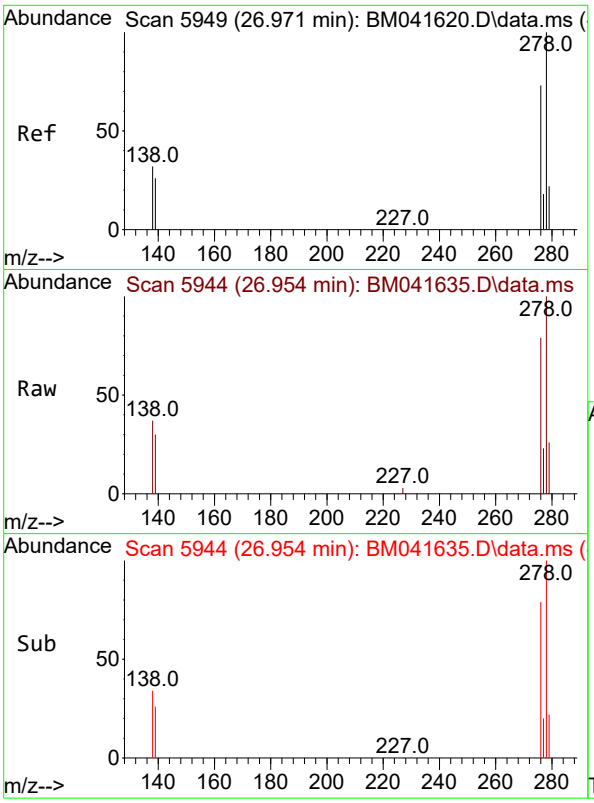


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.327 ng/ul
RT: 26.924 min Scan# 5935
Delta R.T. -0.040 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Tgt Ion:276 Resp: 14798

Ion	Ratio	Lower	Upper
276	100		
138	35.7	30.3	45.5
227	0.0	0.1	0.1#



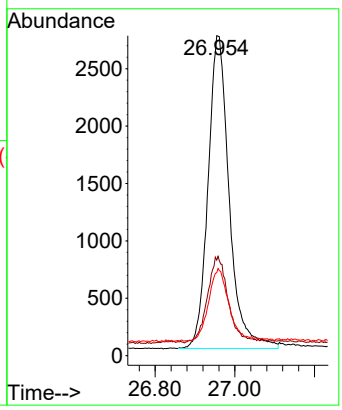


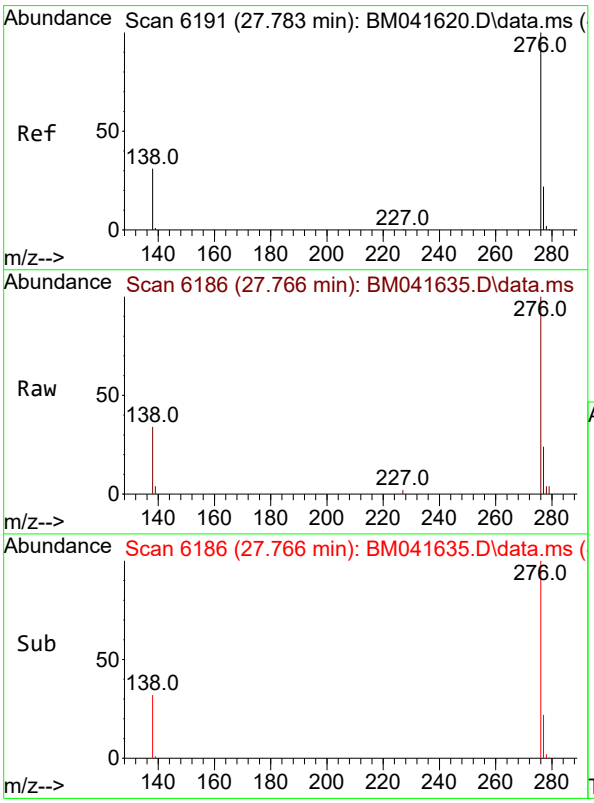
#28
Dibenzo(a,h)anthracene
Concen: 0.330 ng/ul
RT: 26.954 min Scan# 5
Delta R.T. -0.040 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS158

Tgt Ion:278 Resp: 10054

Ion	Ratio	Lower	Upper
278	100		
139	29.8	25.0	37.4
279	25.9	22.6	34.0





#29
Benzo(g,h,i)perylene
Concen: 0.342 ng/ul
RT: 27.766 min Scan# 6186
Delta R.T. -0.040 min
Lab File: BM041635.D
Acq: 01 Sep 2023 03:17

Tgt Ion:276 Resp: 13013

Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.4	41.0
277	24.0	20.4	30.6