Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041562.D
Acq On : 29 Aug 2023 18:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4062

Quant Time: Aug 30 01:42:09 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 : Wed Aug 30 01:40:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	5932	0.400	ng/ul	0.00
4) Naphthalene-d8	10.950	136	13964	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	5776	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	10988	0.400	ng/ul	0.00
17) Chrysene-d12	21.694	240	3938	0.400	ng/ul	0.00
23) Perylene-d12	24.257	264	4372	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.456	96	3485	0.472	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	6915	0.375	ng/ul	0.00
18) Fluoranthene-d10	19.529	212	7724	0.479	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.490	88	3578	0.468	ng/ul	99
5) Naphthalene	10.999	128	18053	0.404	ng/ul	100
7) 2-Methylnaphthalene	12.594	142	10393	0.384	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	10509	0.384	ng/ul	100
10) Acenaphthylene	14.481	152	16039	0.421	ng/ul	100
11) Acenaphthene	14.819	153	11081	0.414	ng/ul	99
12) Fluorene	15.799	166	12028	0.416	ng/ul	99
14) Pentachlorophenol	17.126	266	1727	0.382	ng/ul	98
15) Phenanthrene	17.548	178	19025	0.422	ng/ul	100
16) Anthracene	17.641	178	16777	0.405	ng/ul	99
19) Fluoranthene	19.557	202	19963	0.547	ng/ul	100
20) Pyrene	19.924	202	20071	0.544	ng/ul	100
21) Benzo(a)anthracene	21.673	228	13673	0.487	ng/ul	98
22) Chrysene	21.729	228	14527	0.523	ng/ul	100
24) Benzo(b)fluoranthene	23.456	252	15069	0.542	ng/ul	99
25) Benzo(k)fluoranthene	23.515	252	14849	0.546	ng/ul	98
26) Benzo(a)pyrene	24.137	252	13739	0.547	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.964	276	17647	0.523	ng/ul#	37
28) Dibenzo(a,h)anthracene	27.001	278	12022	0.495	ng/ul	97
29) Benzo(g,h,i)perylene	27.813	276	15213	0.538	ng/ul	99

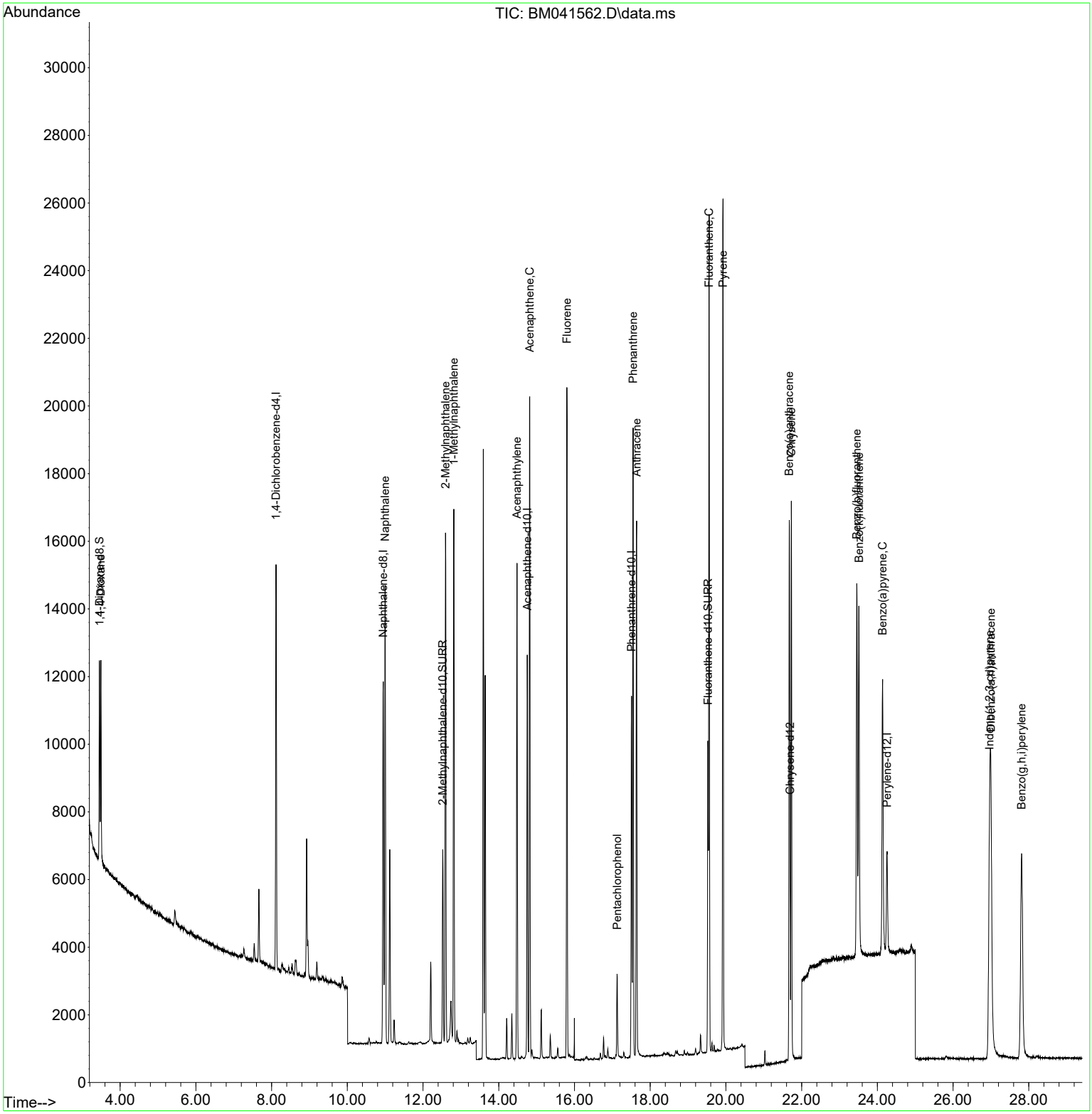
(#) = qualifier out of range (m) = manual integration (+) = signals summed

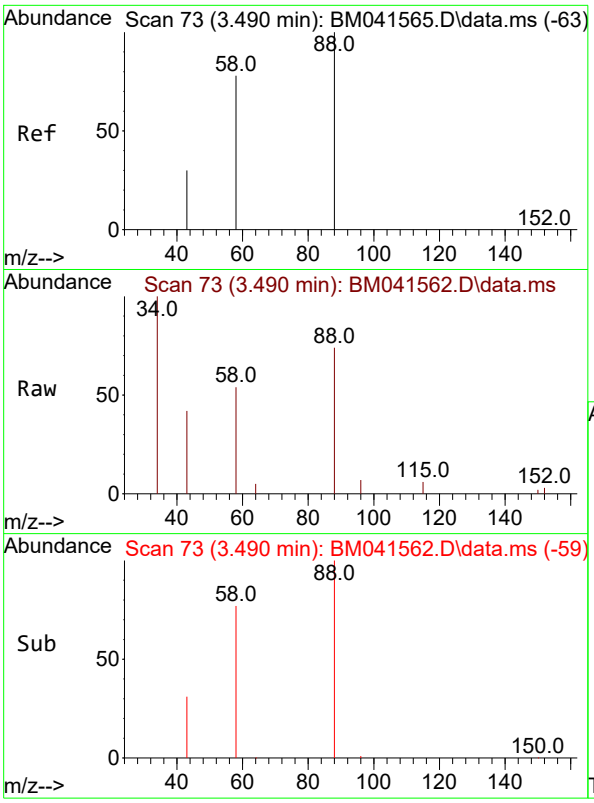
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041562.D
Acq On : 29 Aug 2023 18:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4062

Quant Time: Aug 30 01:42:09 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 : Wed Aug 30 01:40:31 2023
Response via : Initial Calibration



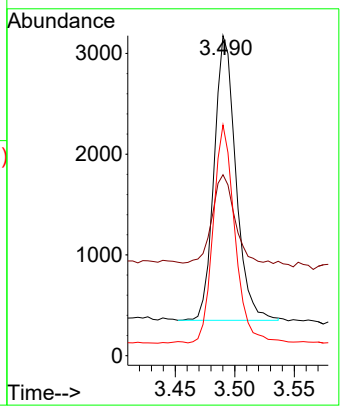


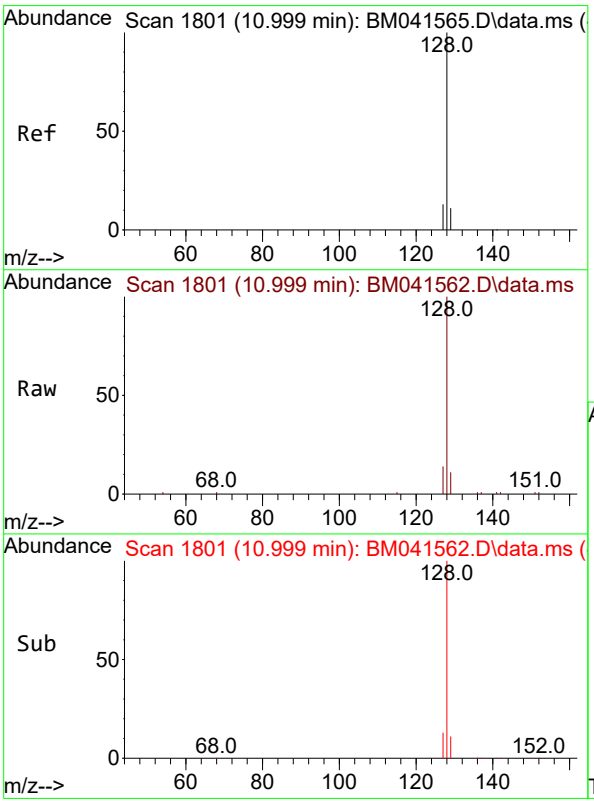
#2
1,4-Dioxane
Concen: 0.468 ng/ul
RT: 3.490 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.4062

Tgt Ion: 88 Resp: 3578

Ion	Ratio	Lower	Upper
88	100		
43	56.5	46.2	69.2
58	72.1	58.1	87.1

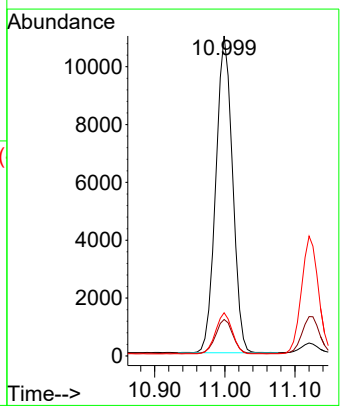


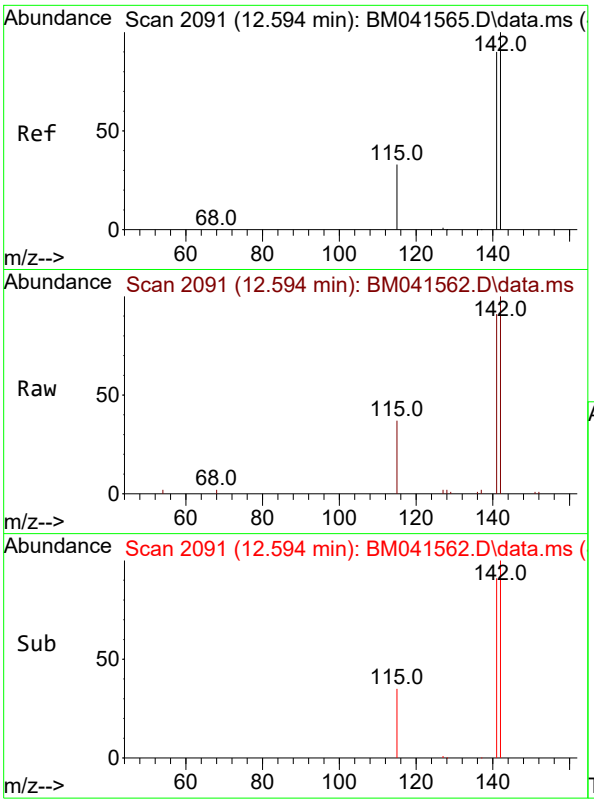


#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Tgt Ion:128 Resp: 18053

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.5	10.6	15.8



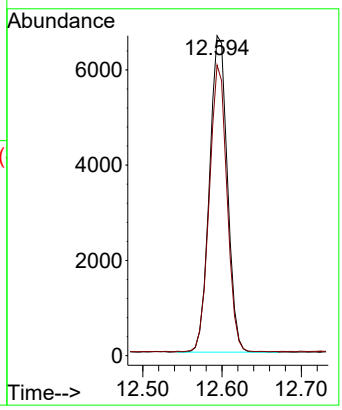


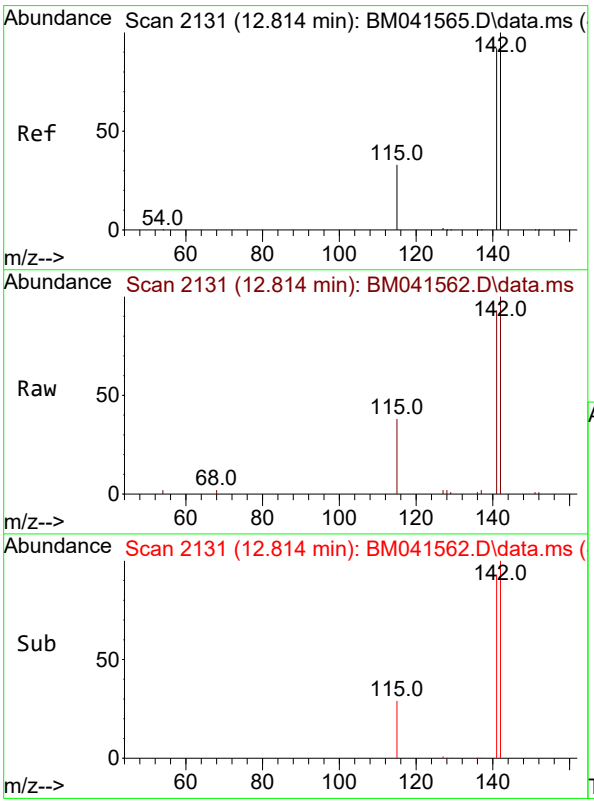
#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.594 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.4062

Tgt Ion:142 Resp: 10393

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.8	107.8

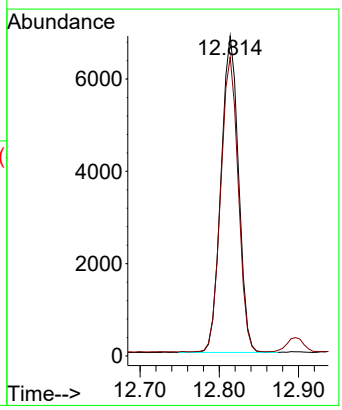


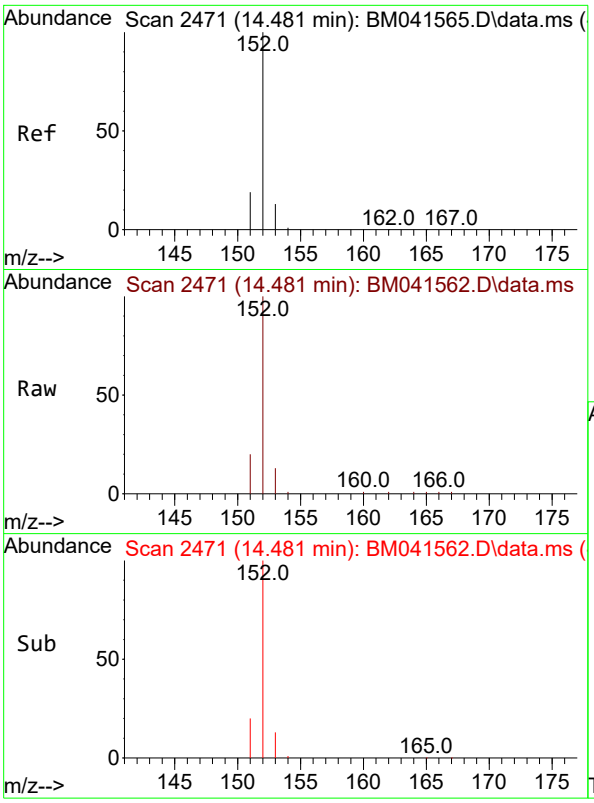


#8
1-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Tgt Ion:142 Resp: 10509

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.2



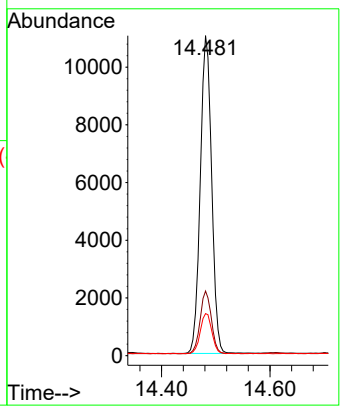


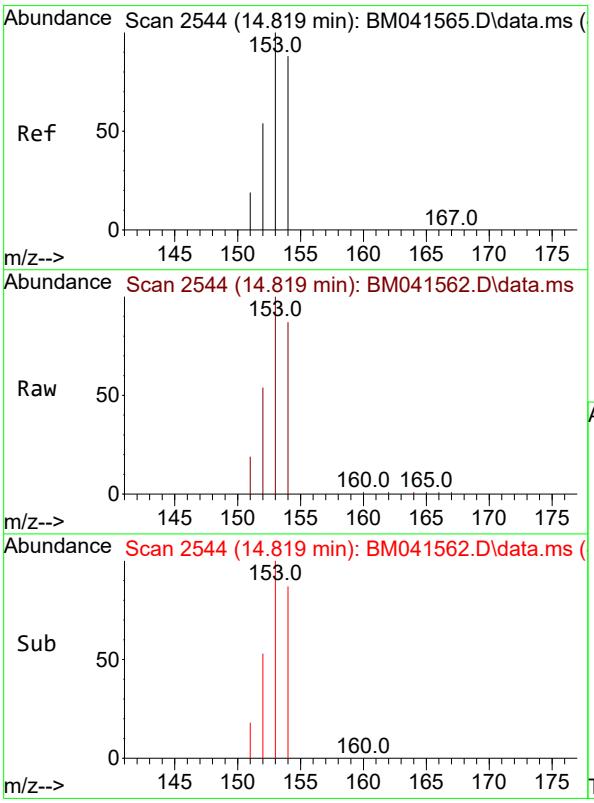
#10
Acenaphthylene
Concen: 0.421 ng/ul
RT: 14.481 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.4062

Tgt Ion:152 Resp: 16039

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

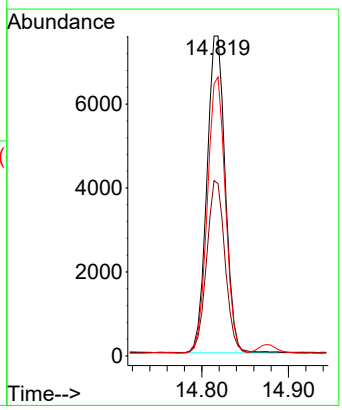


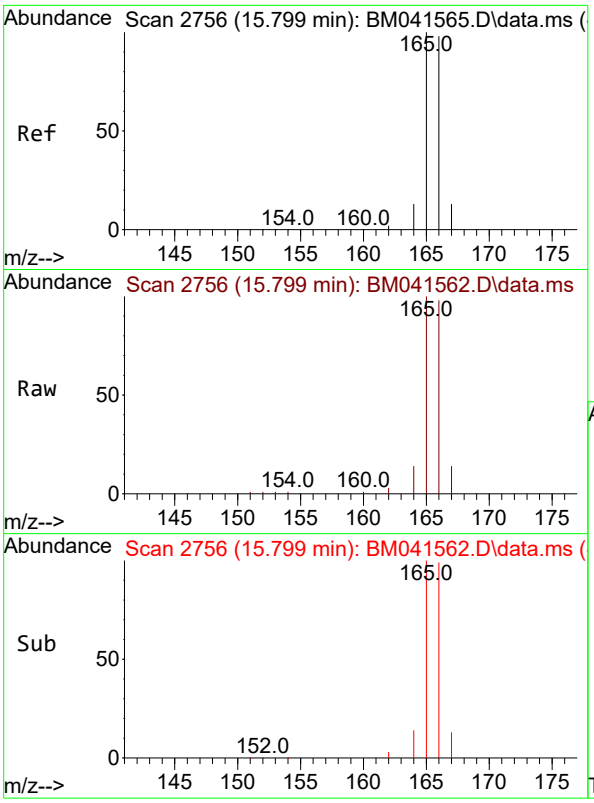


#11
Acenaphthene
Concen: 0.414 ng/ul
RT: 14.819 min Scan# 2544
Delta R.T. 0.000 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Tgt Ion:153 Resp: 11081

Ion	Ratio	Lower	Upper
153	100		
152	53.8	43.4	65.2
154	87.2	70.2	105.2



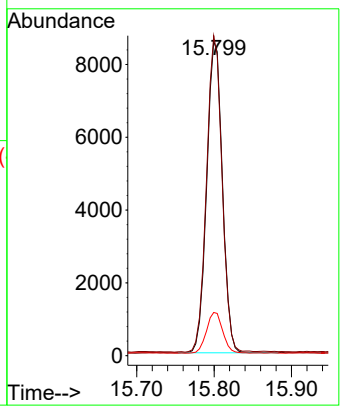


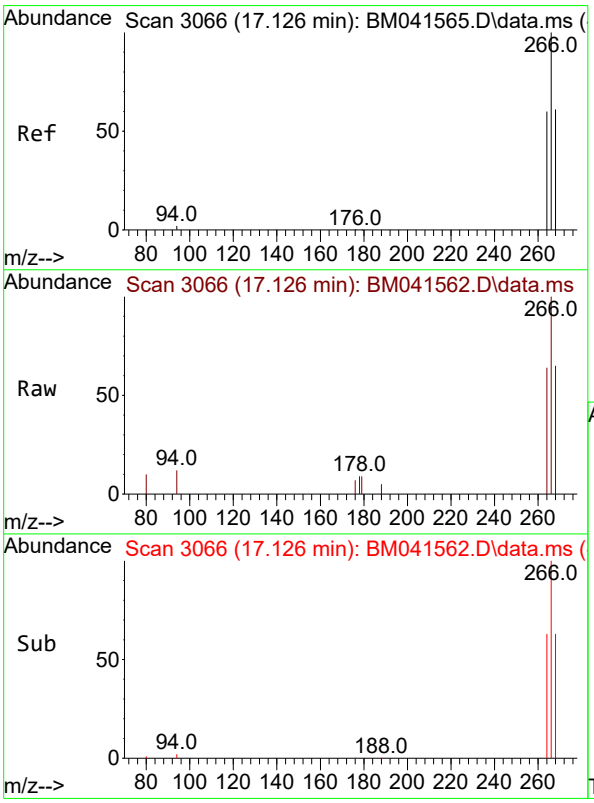
#12
Fluorene
Concen: 0.416 ng/ul
RT: 15.799 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.4062

Tgt Ion:166 Resp: 12028

Ion	Ratio	Lower	Upper
166	100		
165	101.8	82.2	123.2
167	13.8	11.5	17.3

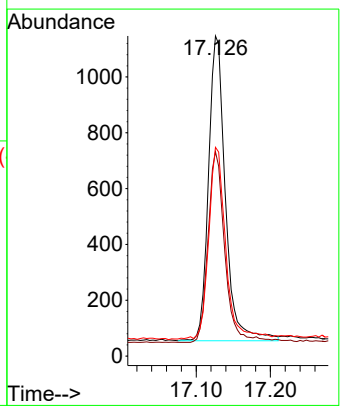


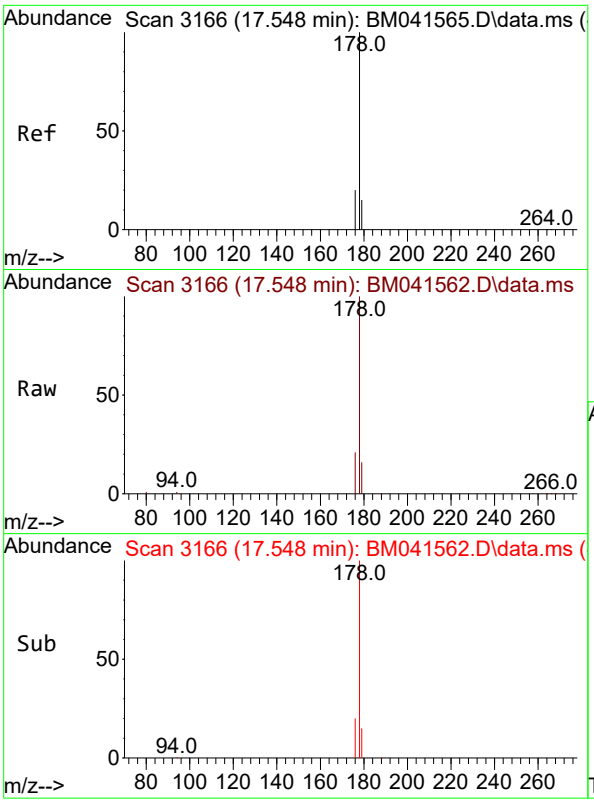


#14
Pentachlorophenol
Concen: 0.382 ng/ul
RT: 17.126 min Scan# 3066
Delta R.T. 0.000 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Tgt Ion:266 Resp: 1727

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.3	73.9
268	64.5	50.2	75.4



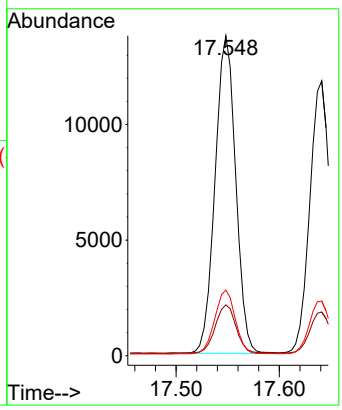


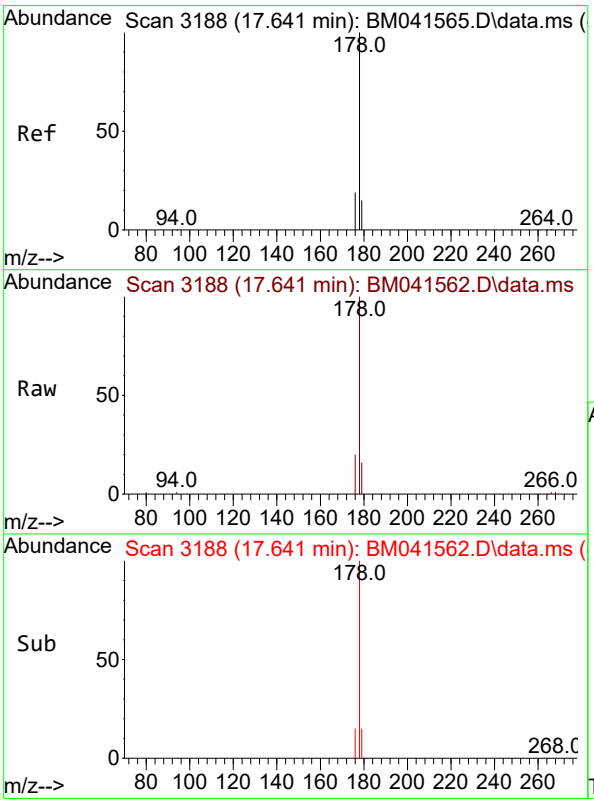
#15
Phenanthrene
Concen: 0.422 ng/ul
RT: 17.548 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.4062

Tgt Ion:178 Resp: 19025

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	20.5	16.2	24.4

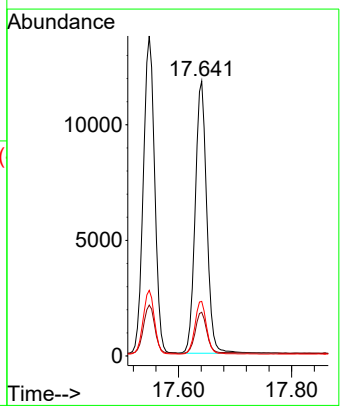


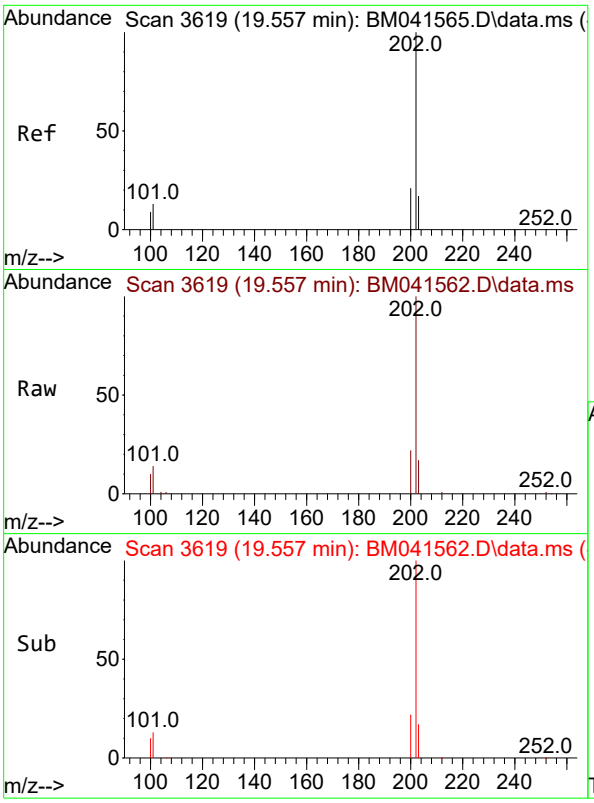


#16
Anthracene
Concen: 0.405 ng/ul
RT: 17.641 min Scan# 3188
Delta R.T. 0.000 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Tgt Ion:178 Resp: 16777

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.9	15.6	23.4



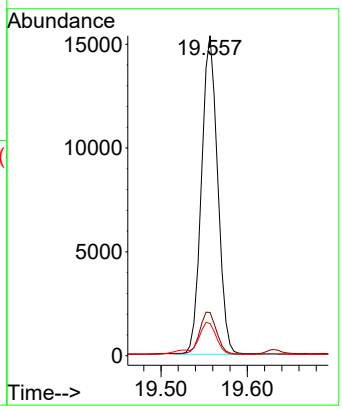


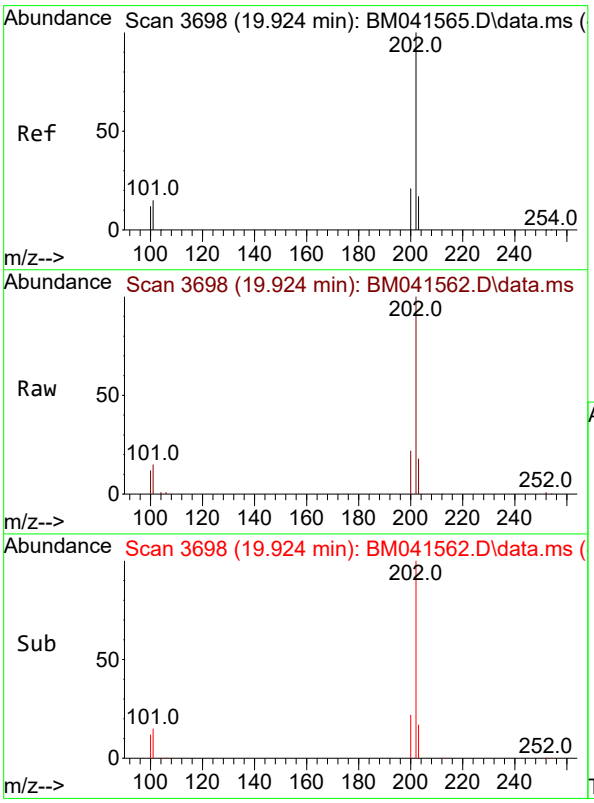
#19
Fluoranthene
Concen: 0.547 ng/ul
RT: 19.557 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.4062

Tgt Ion:202 Resp: 19963

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.7	16.1
100	10.0	8.1	12.1

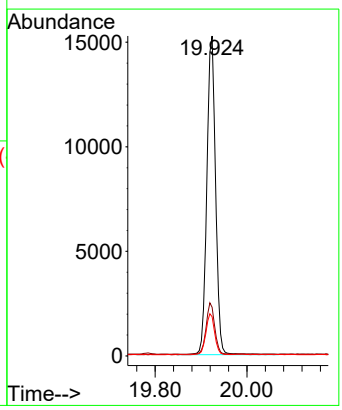


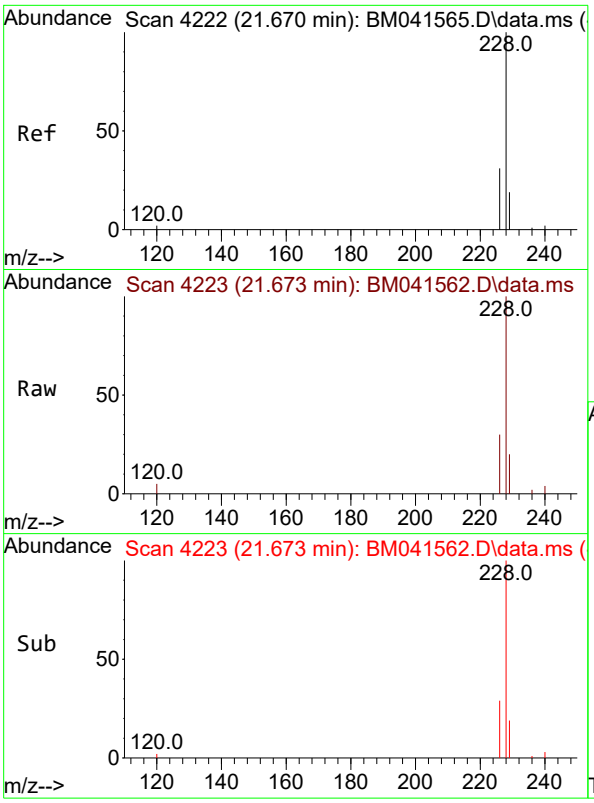


#20
Pyrene
Concen: 0.544 ng/ul
RT: 19.924 min Scan# 3698
Delta R.T. 0.000 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Tgt Ion:202 Resp: 20071

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.2	18.4
100	12.3	9.8	14.8



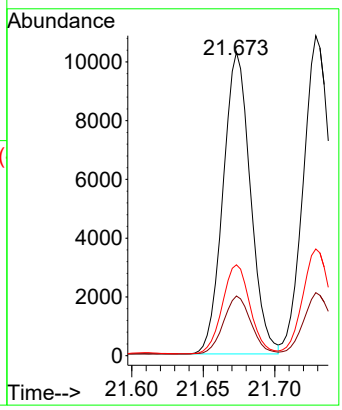


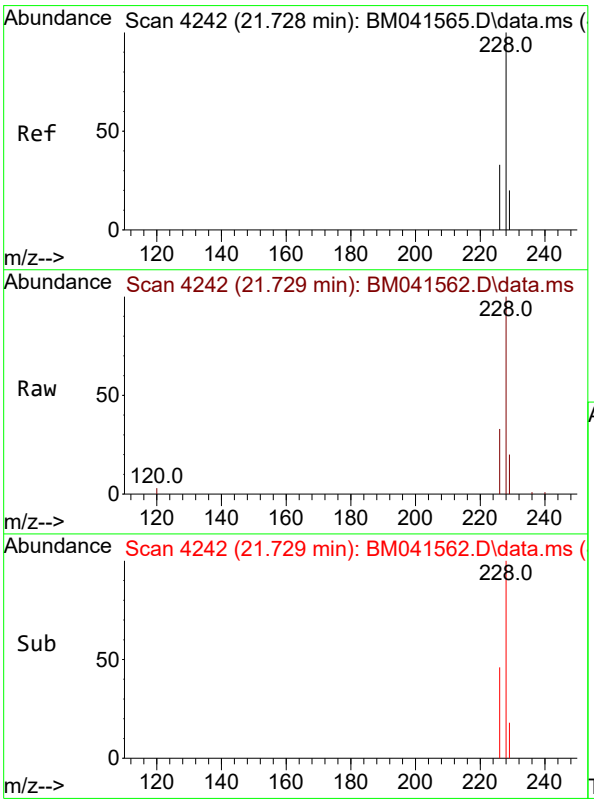
#21
Benzo(a)anthracene
Concen: 0.487 ng/ul
RT: 21.673 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.4062

Tgt Ion:228 Resp: 13673

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.6	23.4
226	29.9	25.0	37.4

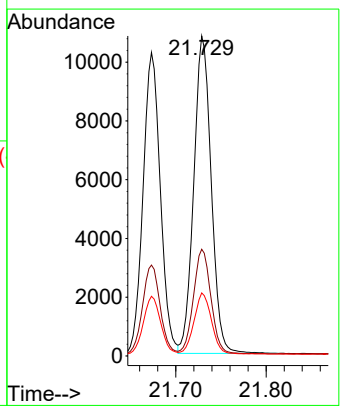


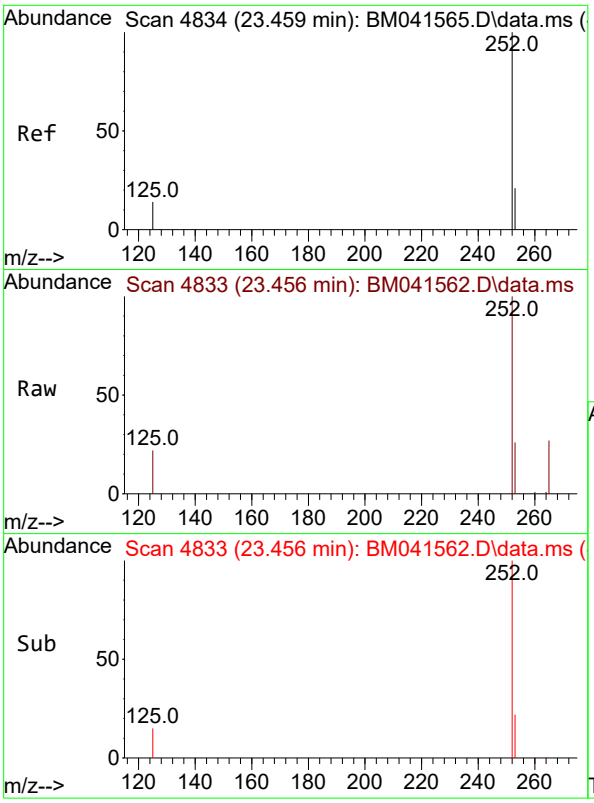


#22
Chrysene
Concen: 0.523 ng/ul
RT: 21.729 min Scan# 4242
Delta R.T. 0.000 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Tgt Ion:228 Resp: 14527

Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.7	40.1
229	19.7	15.9	23.9



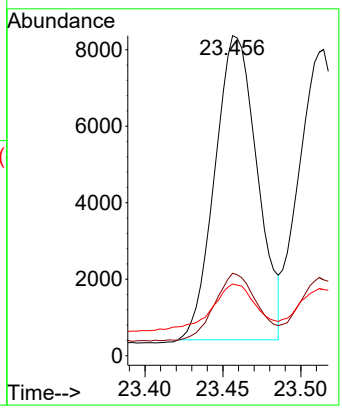


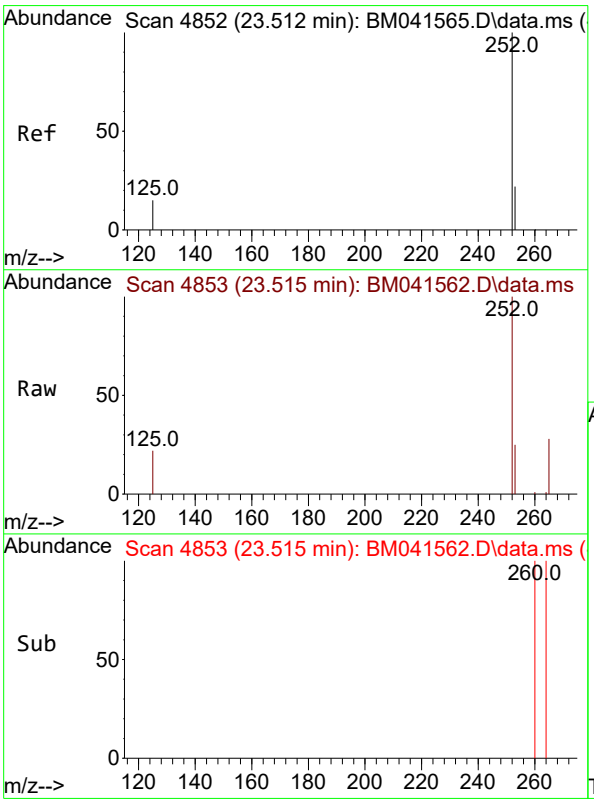
#24
Benzo(b)fluoranthene
Concen: 0.542 ng/ul
RT: 23.456 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.4062

Tgt Ion:252 Resp: 15069

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	50.0
125	22.4	0.0	44.0

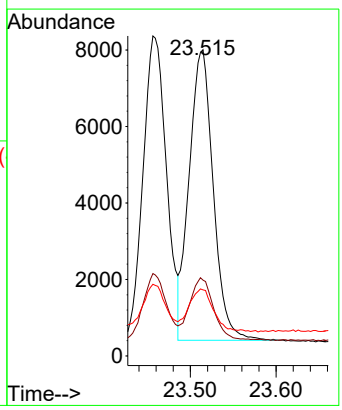


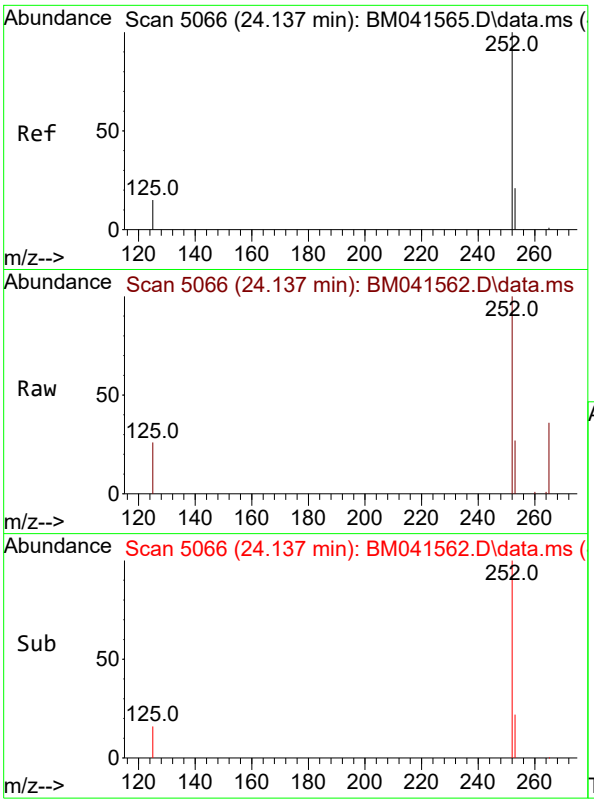


#25
Benzo(k)fluoranthene
Concen: 0.546 ng/ul
RT: 23.515 min Scan# 4853
Delta R.T. 0.003 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Tgt Ion:252 Resp: 14849

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.2	30.4
125	21.6	18.2	27.4



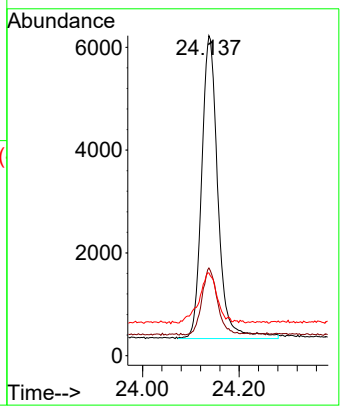


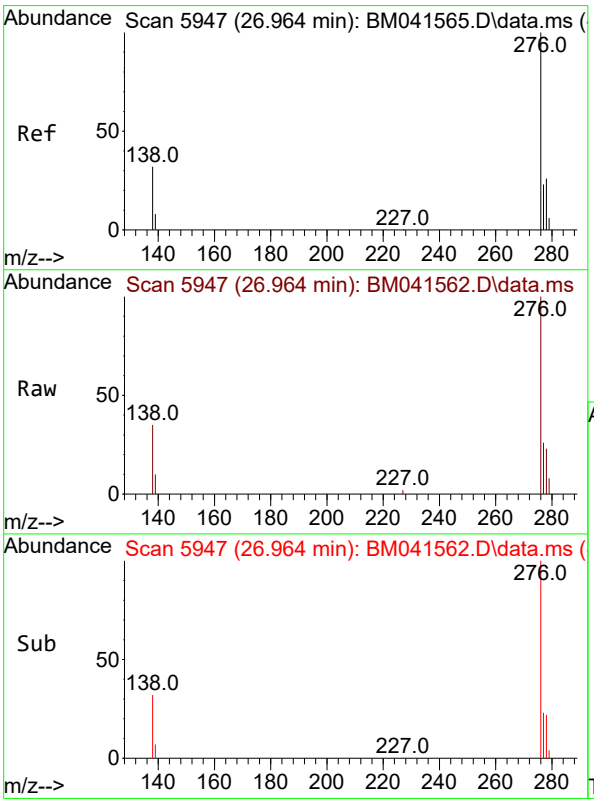
#26
Benzo(a)pyrene
Concen: 0.547 ng/ul
RT: 24.137 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.4062

Tgt Ion:252 Resp: 13739

Ion	Ratio	Lower	Upper
252	100		
253	27.4	20.9	31.3
125	25.8	21.1	31.7

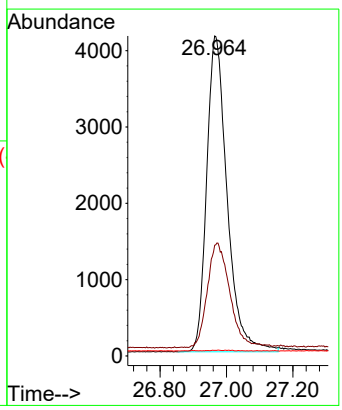


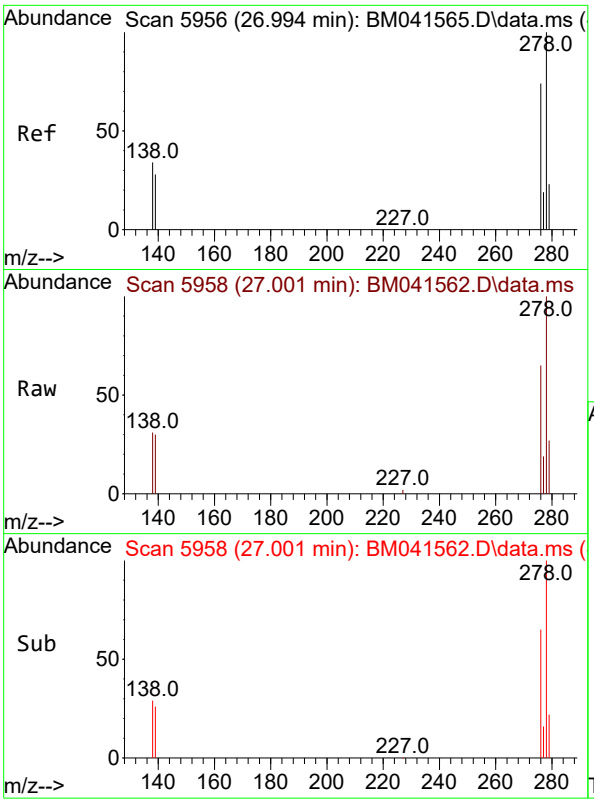


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.523 ng/ul
RT: 26.964 min Scan# 5947
Delta R.T. 0.000 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Tgt Ion:276 Resp: 17647

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



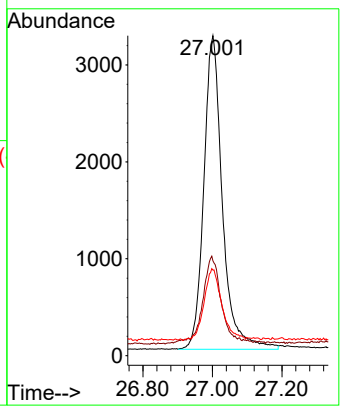


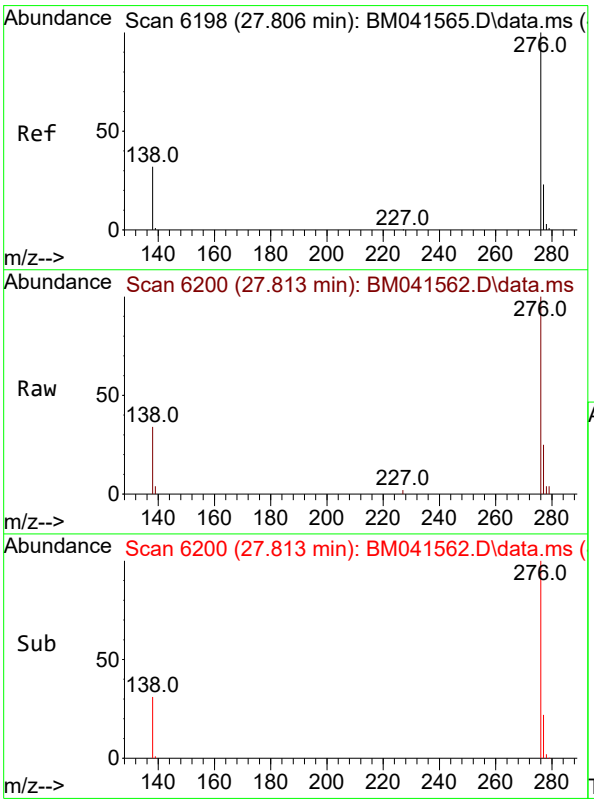
#28
Dibenzo(a,h)anthracene
Concen: 0.495 ng/ul
RT: 27.001 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Instrument :
BNA_M
ClientSampleId :
SSTD0.4062

Tgt Ion:278 Resp: 12022

Ion	Ratio	Lower	Upper
278	100		
139	29.6	25.0	37.4
279	26.8	22.6	34.0





#29
Benzo(g,h,i)perylene
Concen: 0.538 ng/ul
RT: 27.813 min Scan# 6200
Delta R.T. 0.007 min
Lab File: BM041562.D
Acq: 29 Aug 2023 18:55

Tgt Ion:276 Resp: 15213

Ion	Ratio	Lower	Upper
276	100		
138	33.7	27.4	41.0
277	24.8	20.4	30.6