Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041837.D
Acq On : 13 Sep 2023 19:21
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4085

Quant Time: Sep 14 03:38:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	5112	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	12620	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	6158	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	13474	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	7349	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	7875	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	2822	0.434	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	7044	0.411	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	11699	0.464	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.418	88	2932	0.430	ng/ul#	77
5) Naphthalene	10.840	128	17251	0.406	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	10574	0.414	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	10732	0.412	ng/ul	100
10) Acenaphthylene	14.342	152	15651	0.405	ng/ul	100
11) Acenaphthene	14.680	153	12438	0.421	ng/ul	99
12) Fluorene	15.665	166	14462	0.419	ng/ul	99
14) Pentachlorophenol	16.991	266	2697	0.351	ng/ul	98
15) Phenanthrene	17.409	178	23707	0.403	ng/ul	99
16) Anthracene	17.502	178	20640	0.403	ng/ul	100
19) Fluoranthene	19.417	202	26346	0.463	ng/ul	99
20) Pyrene	19.784	202	27108	0.455	ng/ul	99
21) Benzo(a)anthracene	21.521	228	20663	0.426	ng/ul	100
22) Chrysene	21.574	228	21646	0.436	ng/ul	100
24) Benzo(b)fluoranthene	23.208	252	24444	0.436	ng/ul	99
25) Benzo(k)fluoranthene	23.257	252	22420	0.434	ng/ul	99
26) Benzo(a)pyrene	23.845	252	18556	0.434	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.454	276	26585	0.405	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.475	278	19534	0.403	ng/ul	100
29) Benzo(g,h,i)perylene	27.233	276	22582	0.406	ng/ul	99

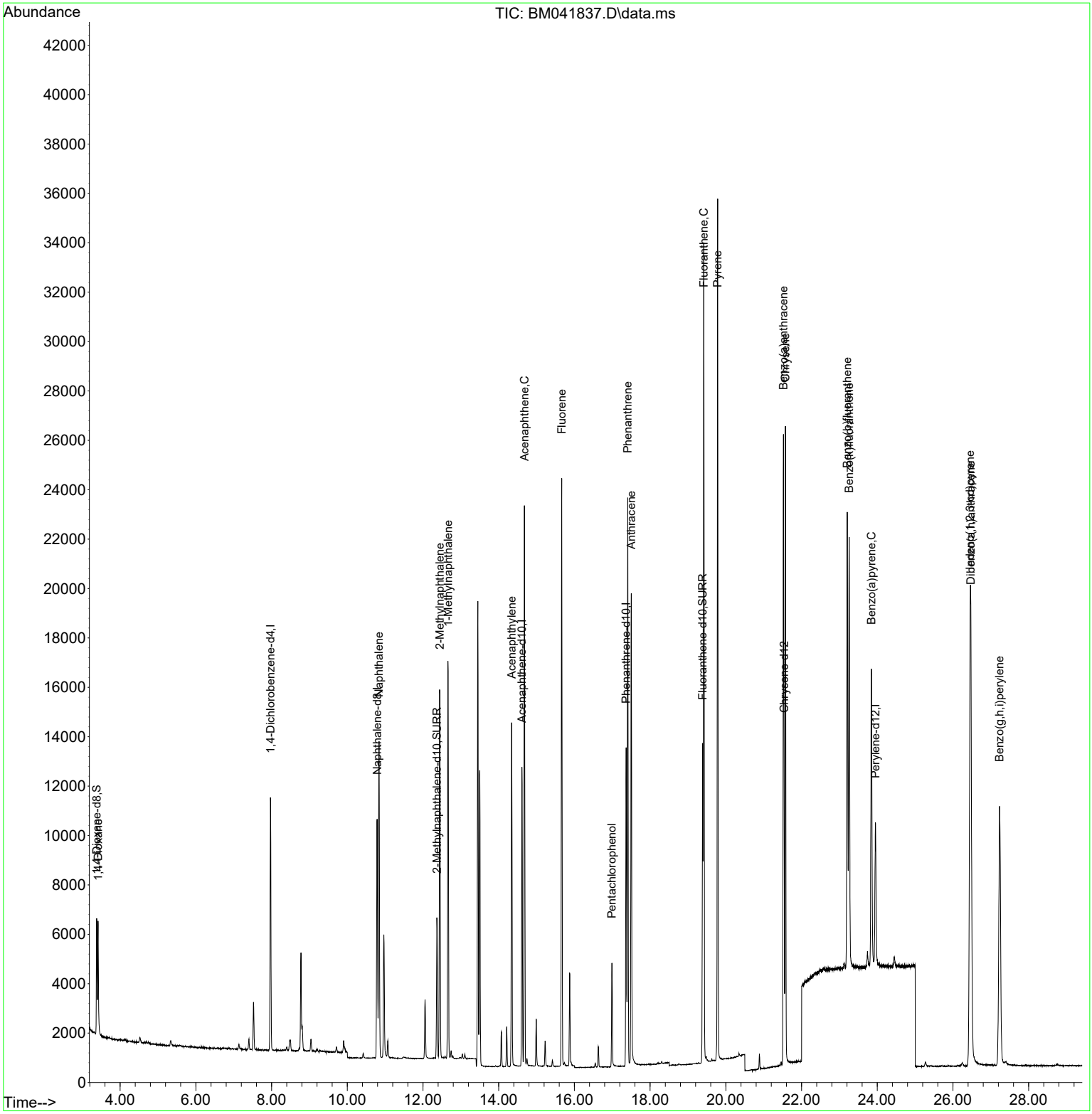
(#) = qualifier out of range (m) = manual integration (+) = signals summed

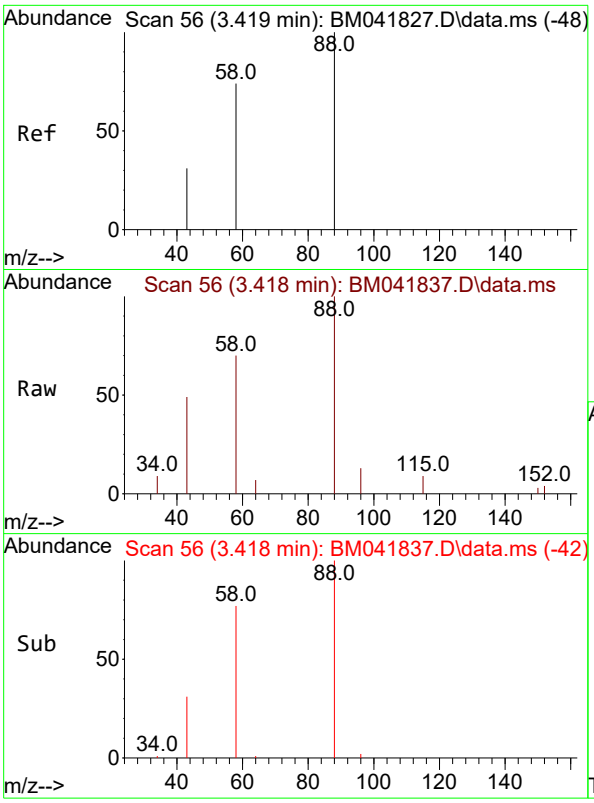
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041837.D
Acq On : 13 Sep 2023 19:21
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4085

Quant Time: Sep 14 03:38:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
Response via : Initial Calibration



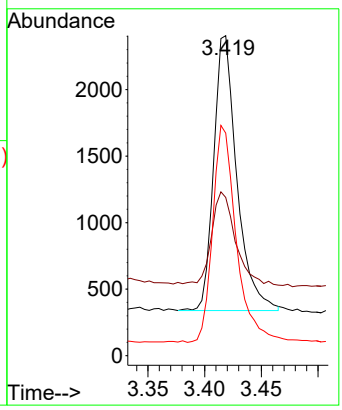


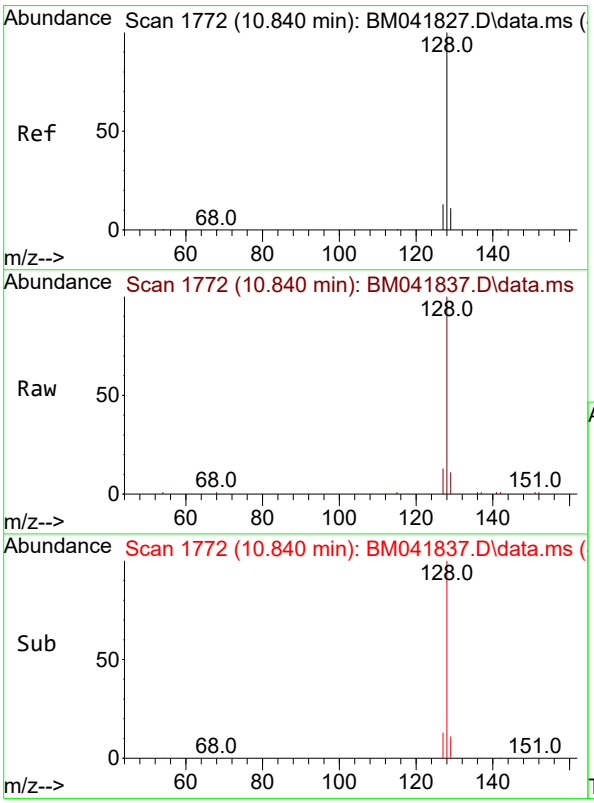
#2
1,4-Dioxane
Concen: 0.430 ng/ul
RT: 3.418 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Instrument :
BNA_M
ClientSampleId :
SSTD0.4085

Tgt Ion: 88 Resp: 2932

Ion	Ratio	Lower	Upper
88	100		
43	49.4	69.9	104.9#
58	69.6	55.6	83.4

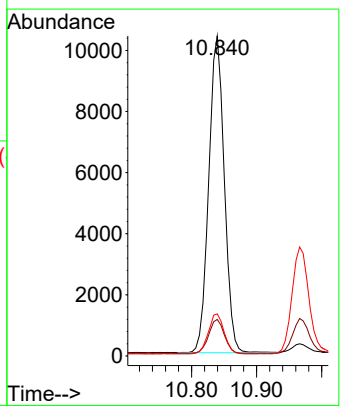


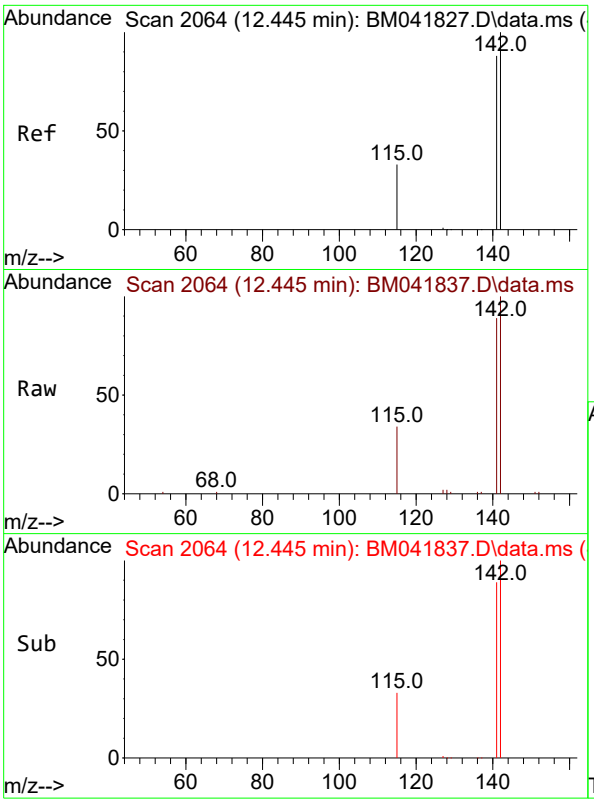


#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Tgt Ion:128 Resp: 17251

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.2	10.7	16.1



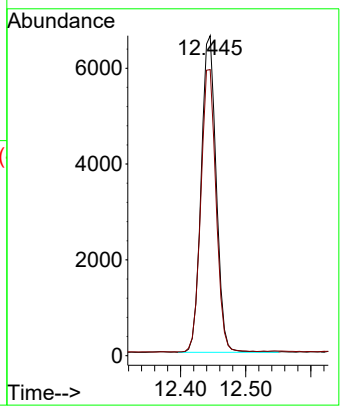


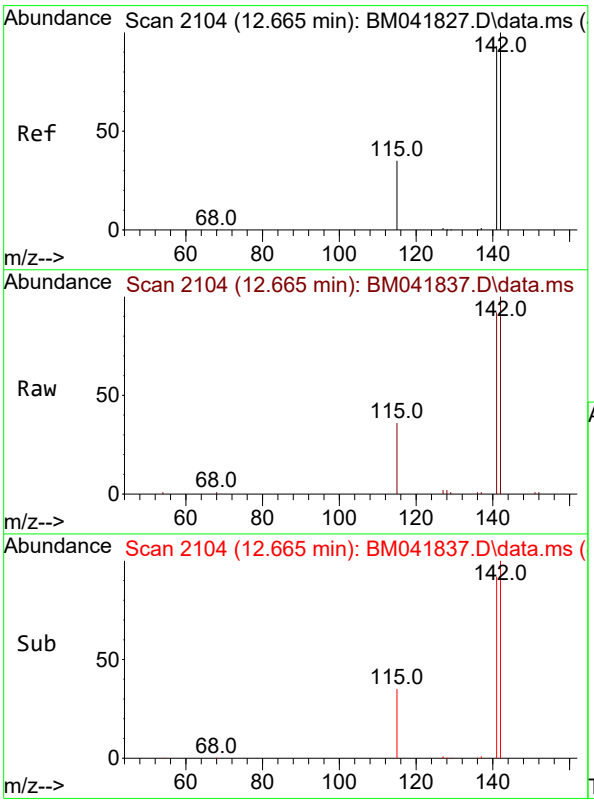
#7
2-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.445 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Instrument :
BNA_M
ClientSampleId :
SSTD0.4085

Tgt Ion:142 Resp: 10574

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.1	108.1

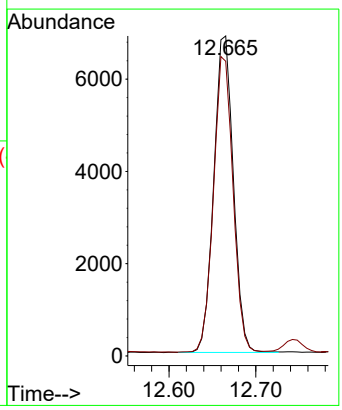


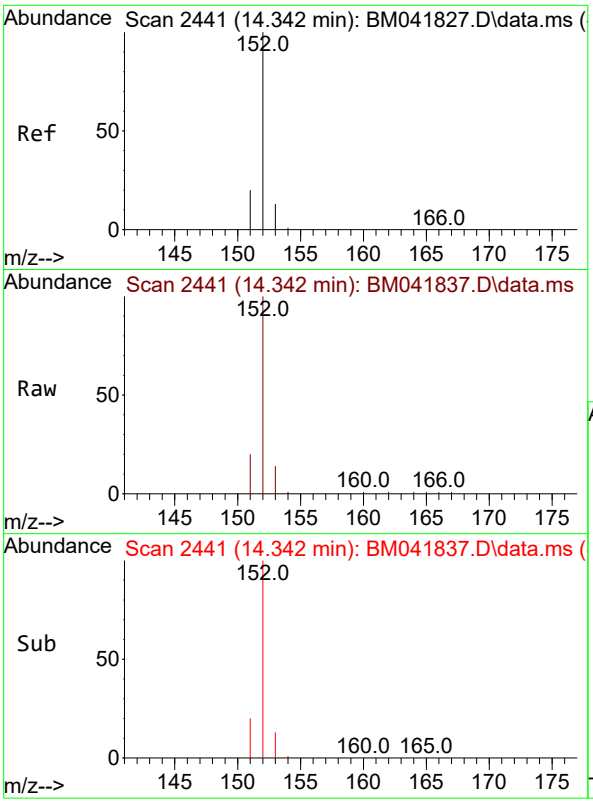


#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Tgt Ion:142 Resp: 10732

Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.3	111.5



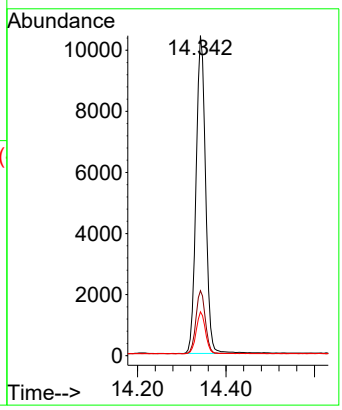


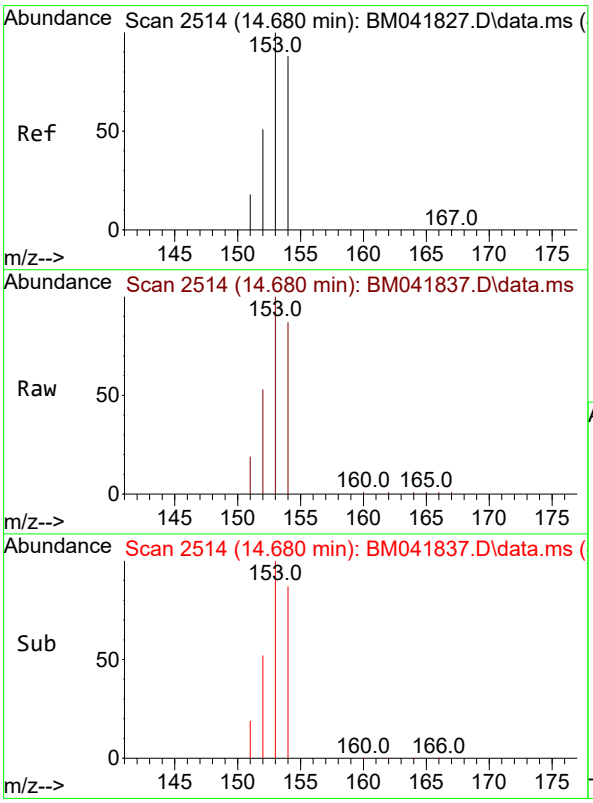
#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.342 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Instrument :
BNA_M
ClientSampleId :
SSTD0.4085

Tgt Ion:152 Resp: 15651

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.7	10.9	16.3

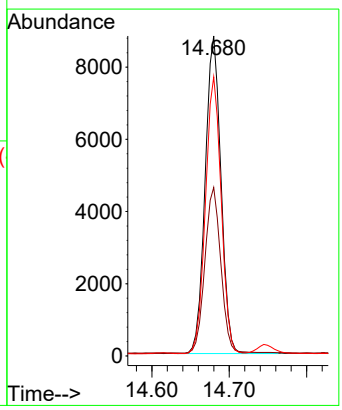


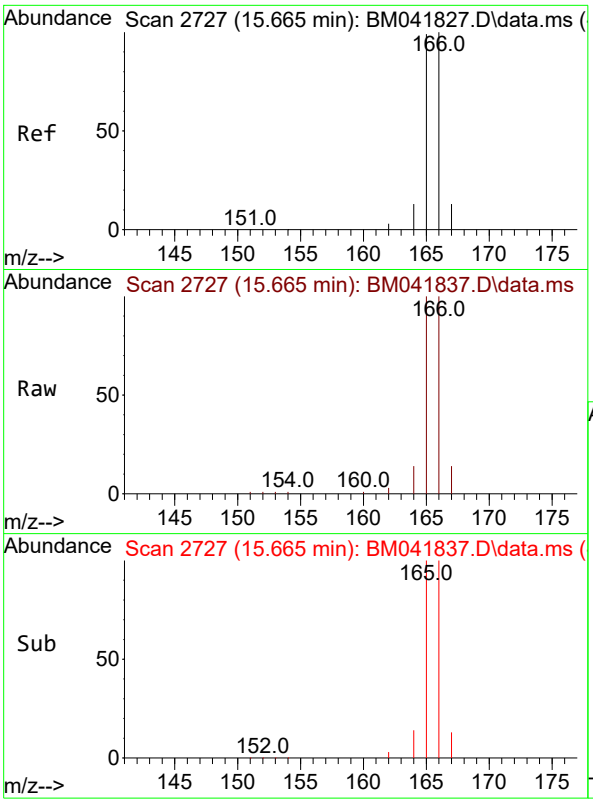


#11
Acenaphthene
Concen: 0.421 ng/ul
RT: 14.680 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Tgt Ion:153 Resp: 12438

Ion	Ratio	Lower	Upper
153	100		
152	52.6	41.5	62.3
154	87.2	70.7	106.1



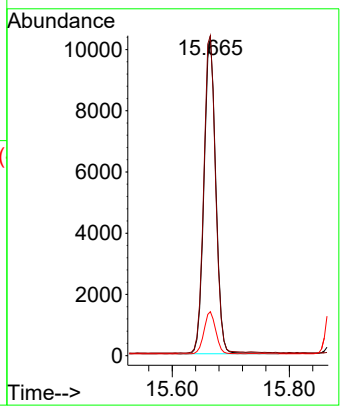


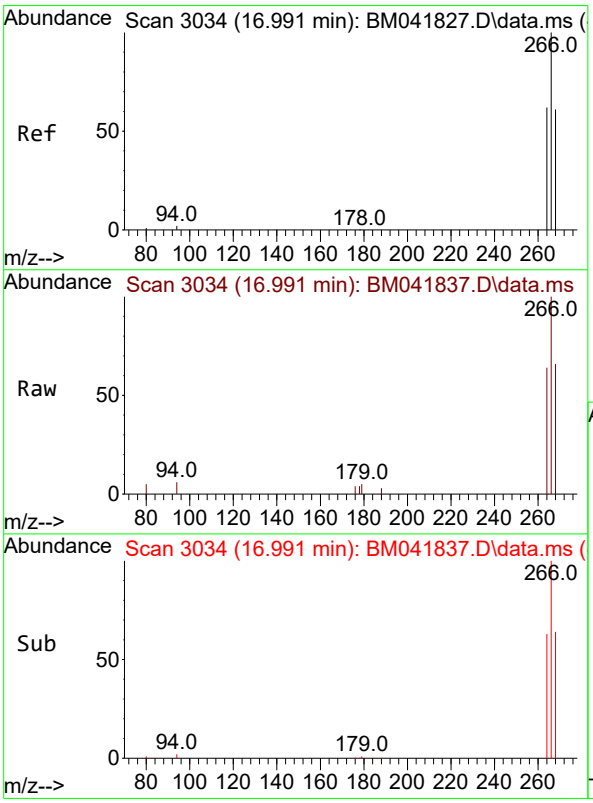
#12
Fluorene
Concen: 0.419 ng/ul
RT: 15.665 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Instrument :
BNA_M
ClientSampleId :
SSTD0.4085

Tgt Ion:166 Resp: 14462

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.3	118.9
167	13.8	11.2	16.8

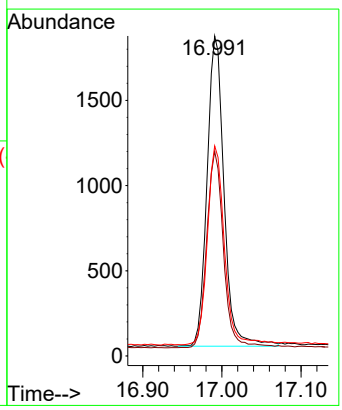


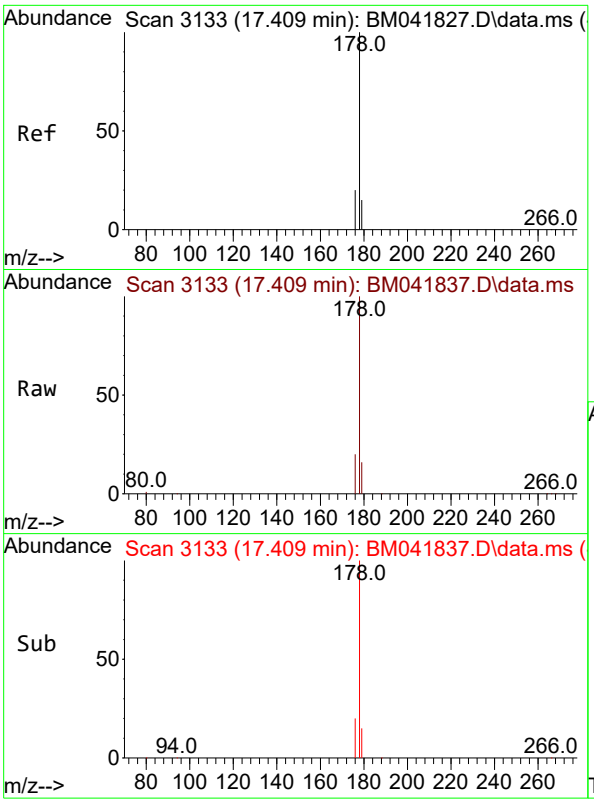


#14
Pentachlorophenol
Concen: 0.351 ng/ul
RT: 16.991 min Scan# 3034
Delta R.T. -0.000 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Tgt Ion:266 Resp: 2697

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.4	74.2
268	64.3	50.3	75.5



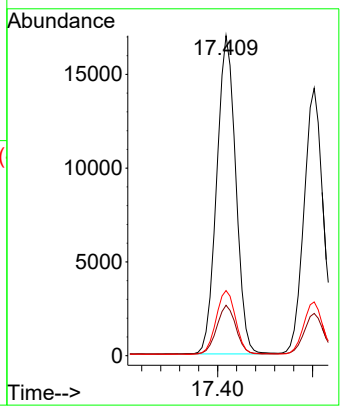


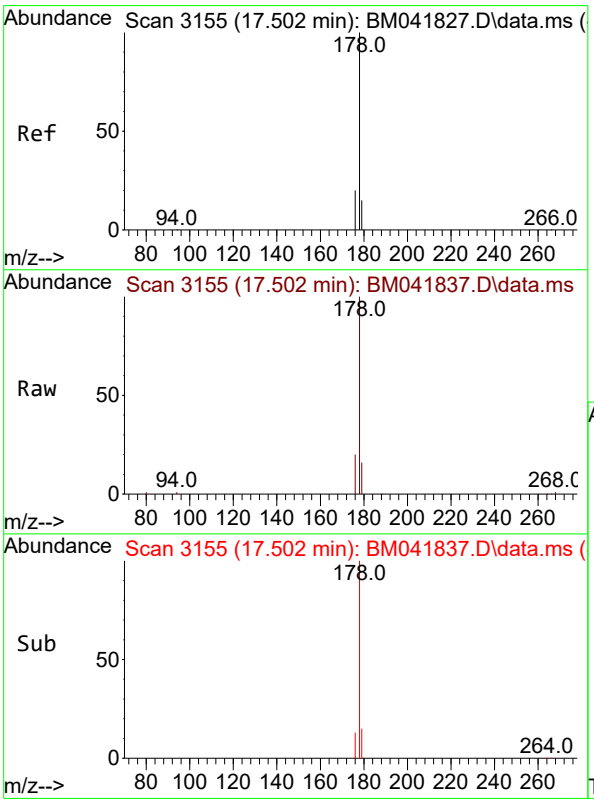
#15
Phenanthrene
Concen: 0.403 ng/ul
RT: 17.409 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Instrument :
BNA_M
ClientSampleId :
SSTD0.4085

Tgt Ion:178 Resp: 23707

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	20.3	16.6	25.0

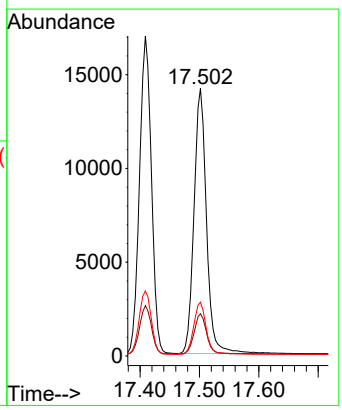


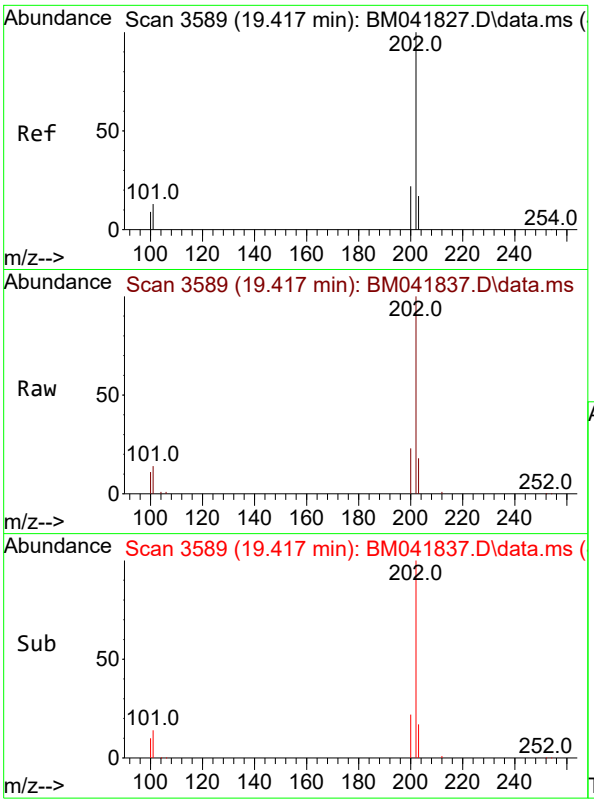


#16
Anthracene
Concen: 0.403 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Tgt Ion:178 Resp: 20640

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.7	19.1
176	20.1	16.1	24.1



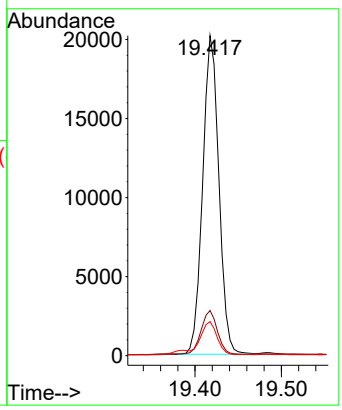


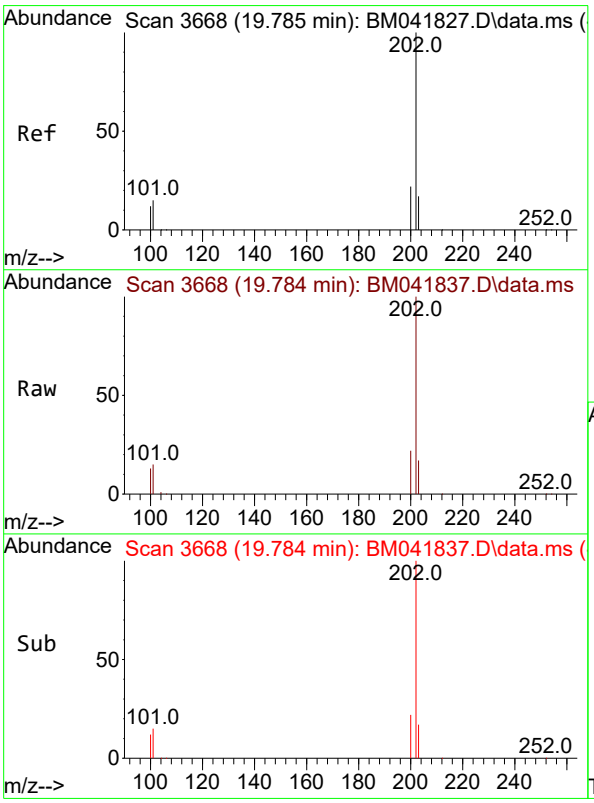
#19
Fluoranthene
Concen: 0.463 ng/ul
RT: 19.417 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Instrument :
BNA_M
ClientSampleId :
SSTD0.4085

Tgt Ion:202 Resp: 26346

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.0	16.6
100	10.6	8.2	12.4

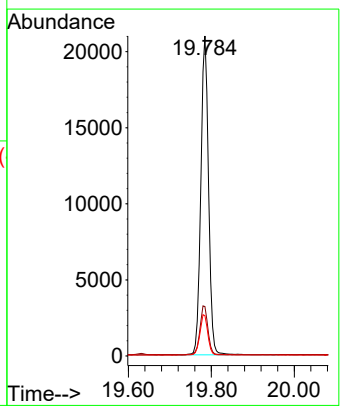


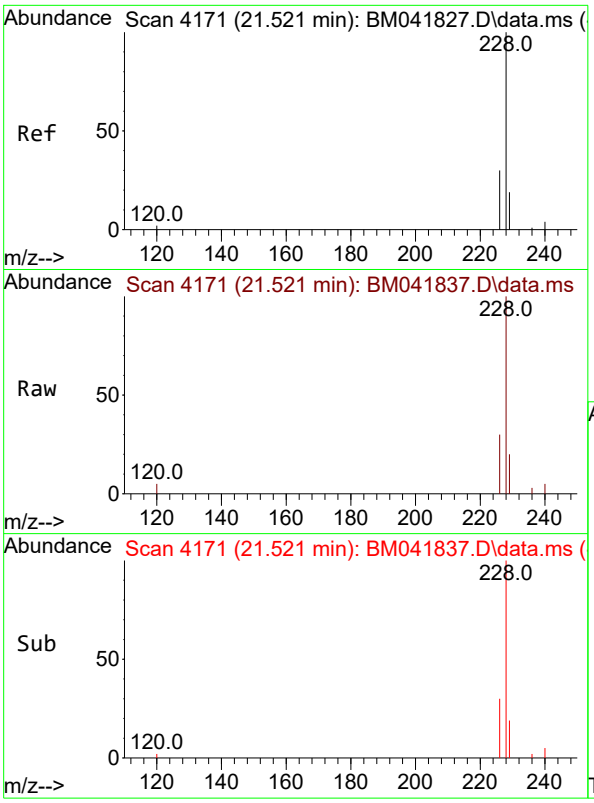


#20
Pyrene
Concen: 0.455 ng/ul
RT: 19.784 min Scan# 3668
Delta R.T. -0.000 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Tgt Ion:202 Resp: 27108

Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.6	19.0
100	12.6	9.9	14.9



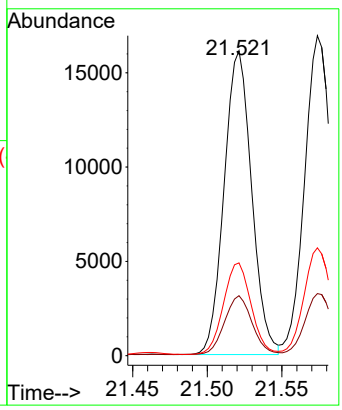


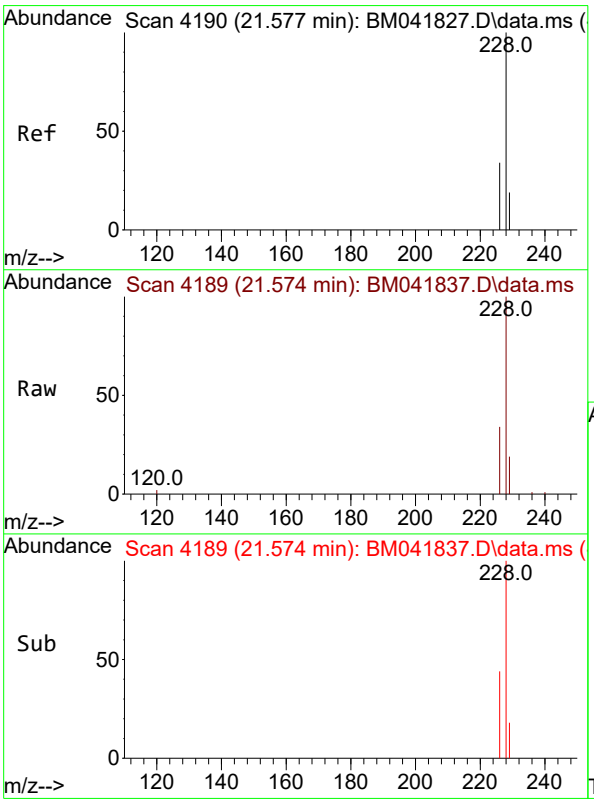
#21
Benzo(a)anthracene
Concen: 0.426 ng/ul
RT: 21.521 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Instrument :
BNA_M
ClientSampleId :
SSTD0.4085

Tgt Ion:228 Resp: 20663

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.8
226	30.4	24.3	36.5

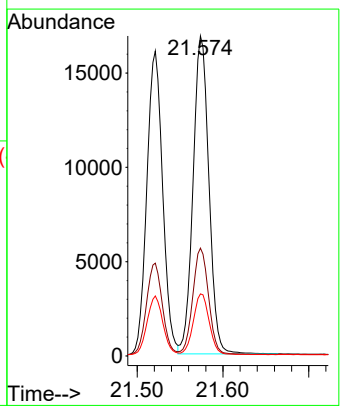


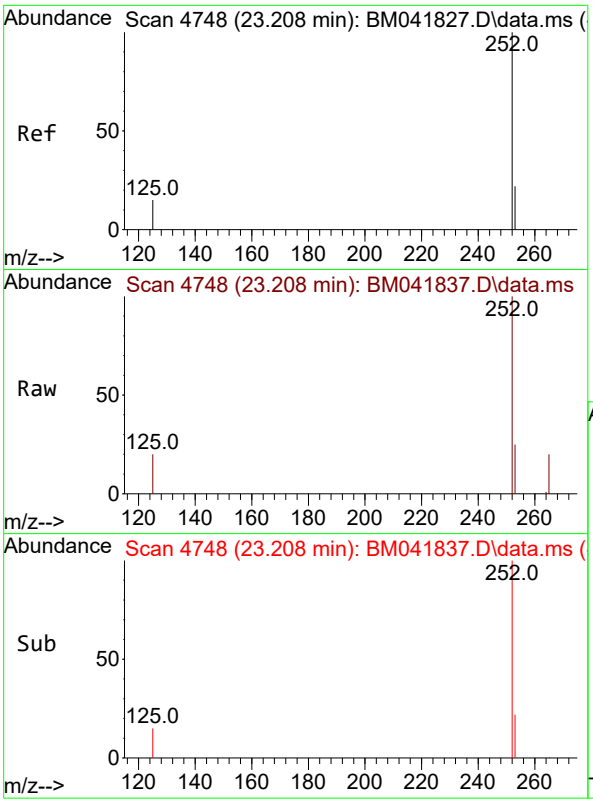


#22
Chrysene
Concen: 0.436 ng/ul
RT: 21.574 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Tgt Ion:228 Resp: 21646

Ion	Ratio	Lower	Upper
228	100		
226	33.7	27.0	40.4
229	19.4	15.7	23.5



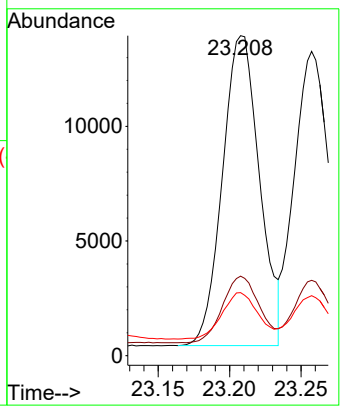


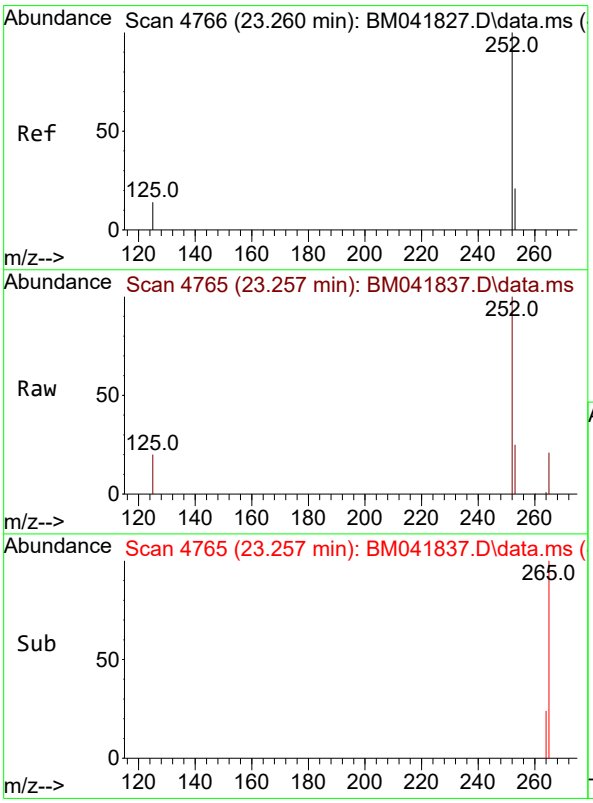
#24
Benzo(b)fluoranthene
Concen: 0.436 ng/ul
RT: 23.208 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Instrument :
BNA_M
ClientSampleId :
SSTD0.4085

Tgt Ion:252 Resp: 24444

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	51.0
125	19.7	0.0	39.8

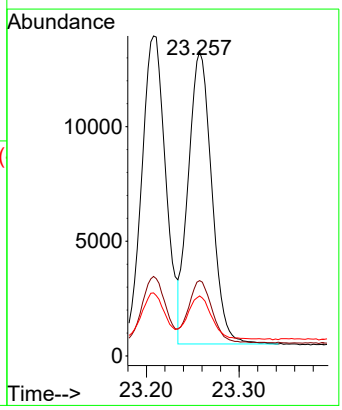


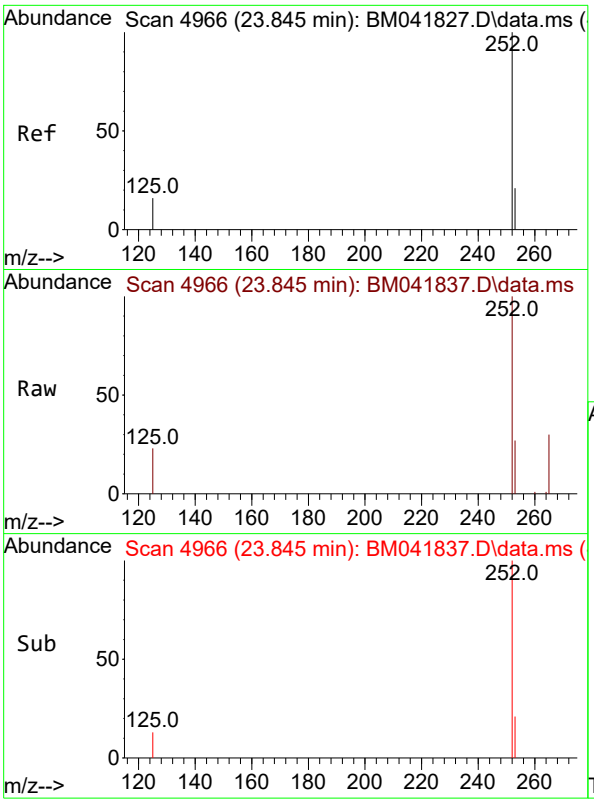


#25
Benzo(k)fluoranthene
Concen: 0.434 ng/ul
RT: 23.257 min Scan# 4765
Delta R.T. -0.003 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Tgt Ion:252 Resp: 22420

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.2	30.2
125	19.7	15.8	23.8



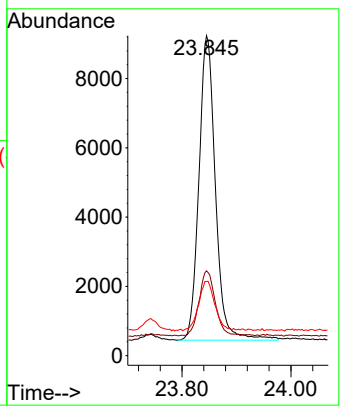


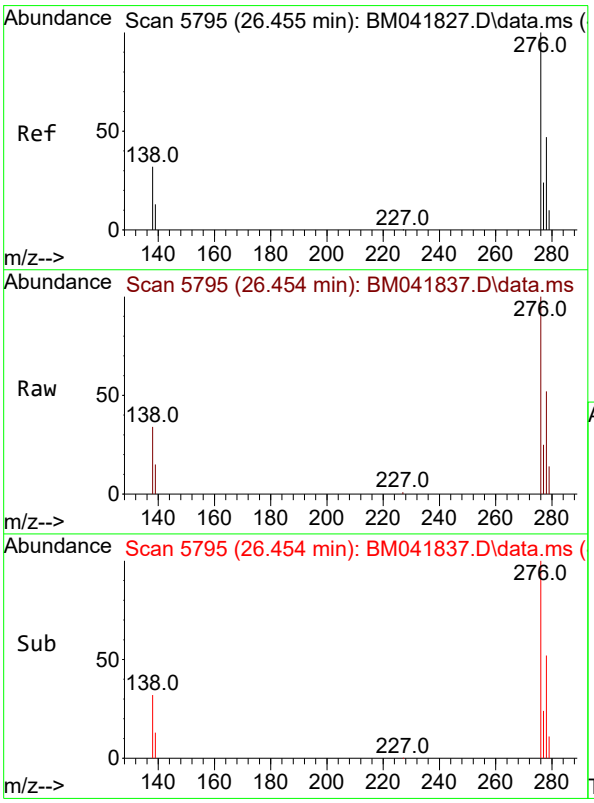
#26
Benzo(a)pyrene
Concen: 0.434 ng/ul
RT: 23.845 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Instrument :
BNA_M
ClientSampleId :
SSTD0.4085

Tgt Ion:252 Resp: 18556

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.8	32.8
125	23.2	18.8	28.2

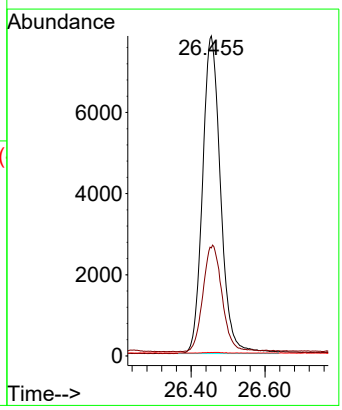


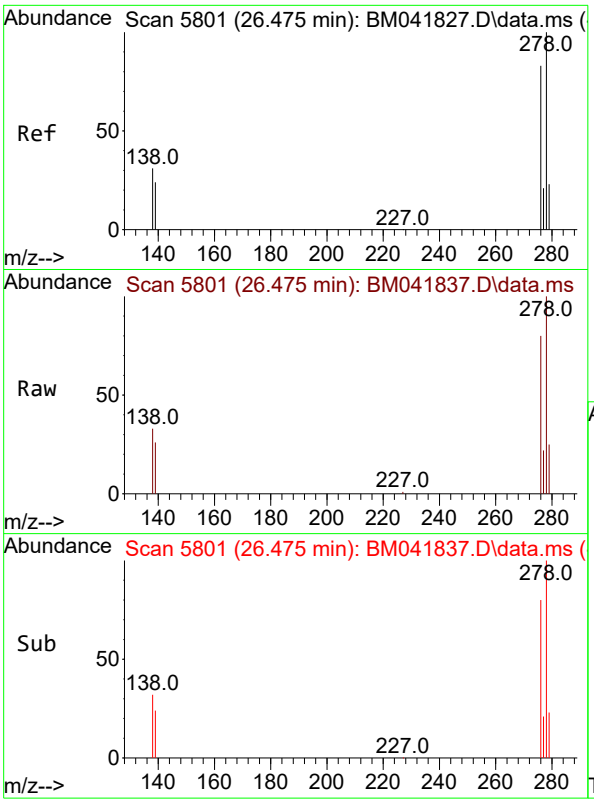


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng/ul
RT: 26.454 min Scan# 5795
Delta R.T. -0.000 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Tgt Ion:276 Resp: 26585

Ion	Ratio	Lower	Upper
276	100		
138	35.5	27.7	41.5
227	0.2	0.1	0.1#



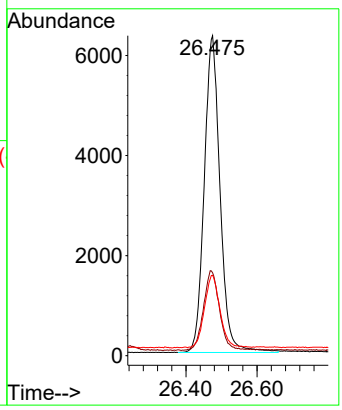


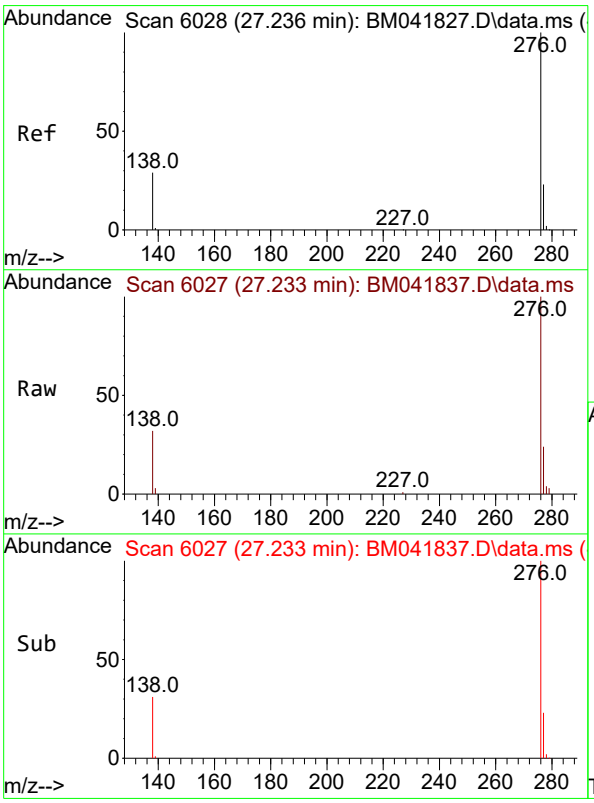
#28
Dibenzo(a,h)anthracene
Concen: 0.403 ng/ul
RT: 26.475 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Instrument :
BNA_M
ClientSampleId :
SSTD0.4085

Tgt Ion:278 Resp: 19534

Ion	Ratio	Lower	Upper
278	100		
139	25.9	20.9	31.3
279	25.1	20.3	30.5





#29
Benzo(g,h,i)perylene
Concen: 0.406 ng/ul
RT: 27.233 min Scan# 6027
Delta R.T. -0.003 min
Lab File: BM041837.D
Acq: 13 Sep 2023 19:21

Tgt Ion:276 Resp: 22582

Ion	Ratio	Lower	Upper
276	100		
138	32.2	24.7	37.1
277	24.1	19.3	28.9