Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011624\
Data File : BM043853.D
Acq On : 15 Jan 2024 23:24
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

Quant Time: Jan 16 00:42:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 10 15:40:11 2024
Response via : Initial Calibration

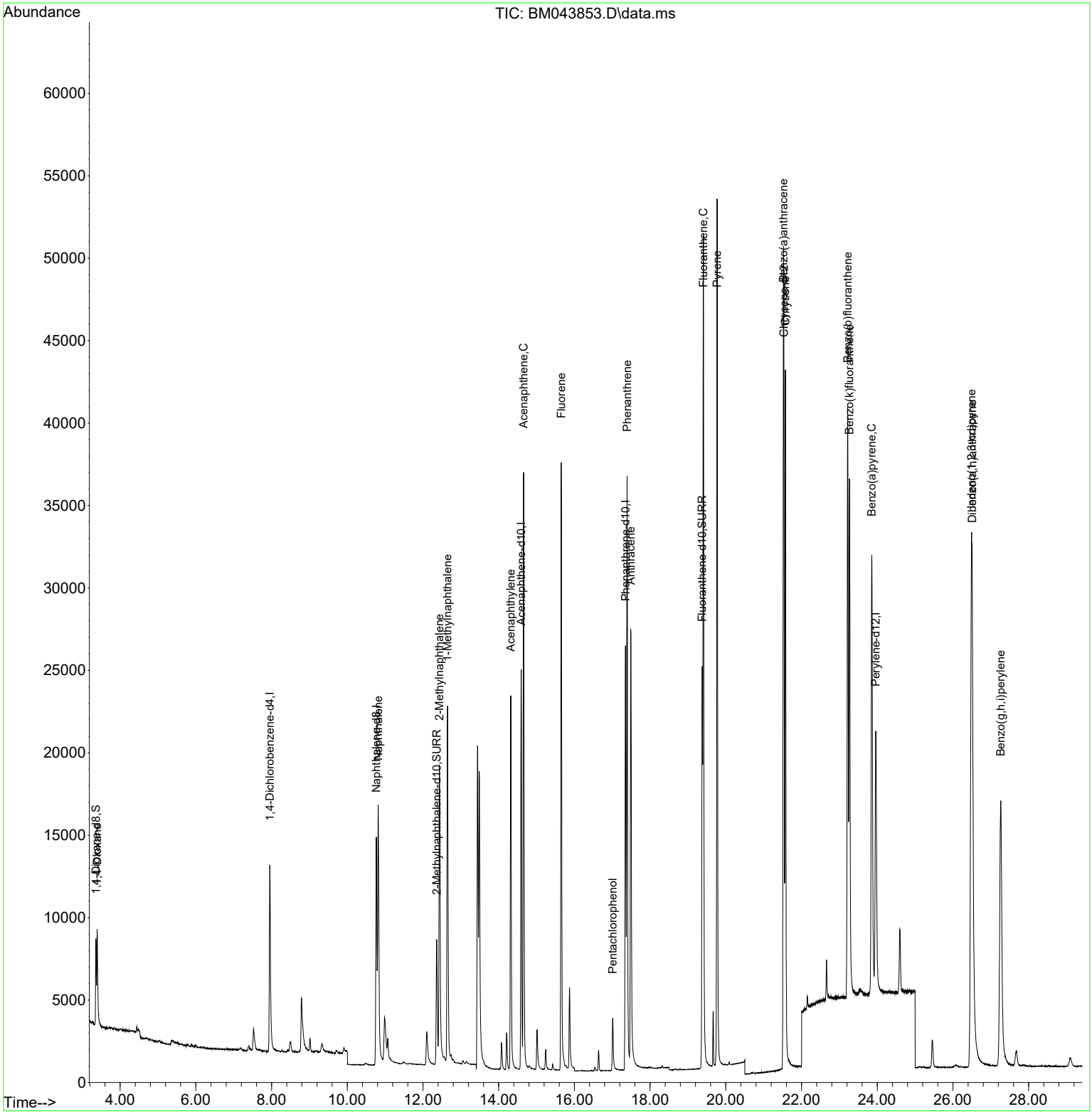
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	8114	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	24647	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	14661	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	33695	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	24840	0.400	ng/ul	0.00
23) Perylene-d12	23.962	264	27628	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	3817	0.389	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	13691	0.384	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	29911	0.372	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	3930	0.377	ng/ul	95
5) Naphthalene	10.818	128	27885	0.394	ng/ul	99
7) 2-Methylnaphthalene	12.434	142	18115	0.390	ng/ul	100
8) 1-Methylnaphthalene	12.649	142	18545	0.393	ng/ul	99
10) Acenaphthylene	14.319	152	30397	0.387	ng/ul	100
11) Acenaphthene	14.657	153	22754	0.398	ng/ul	99
12) Fluorene	15.651	166	26225	0.401	ng/ul	99
14) Pentachlorophenol	17.012	266	2969	0.278	ng/ul	99
15) Phenanthrene	17.392	178	42801	0.400	ng/ul	100
16) Anthracene	17.489	178	39737	0.390	ng/ul	100
19) Fluoranthene	19.408	202	47612	0.387	ng/ul	99
20) Pyrene	19.770	202	50624	0.395	ng/ul	99
21) Benzo(a)anthracene	21.521	228	41540	0.385	ng/ul	100
22) Chrysene	21.574	228	44603	0.384	ng/ul	100
24) Benzo(b)fluoranthene	23.219	252	46631	0.414	ng/ul	96
25) Benzo(k)fluoranthene	23.266	252	47317	0.381	ng/ul	99
26) Benzo(a)pyrene	23.854	252	43118	0.409	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.488	276	55697	0.417	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.509	278	43118	0.417	ng/ul	99
29) Benzo(g,h,i)perylene	27.263	276	44070	0.395	ng/ul	99

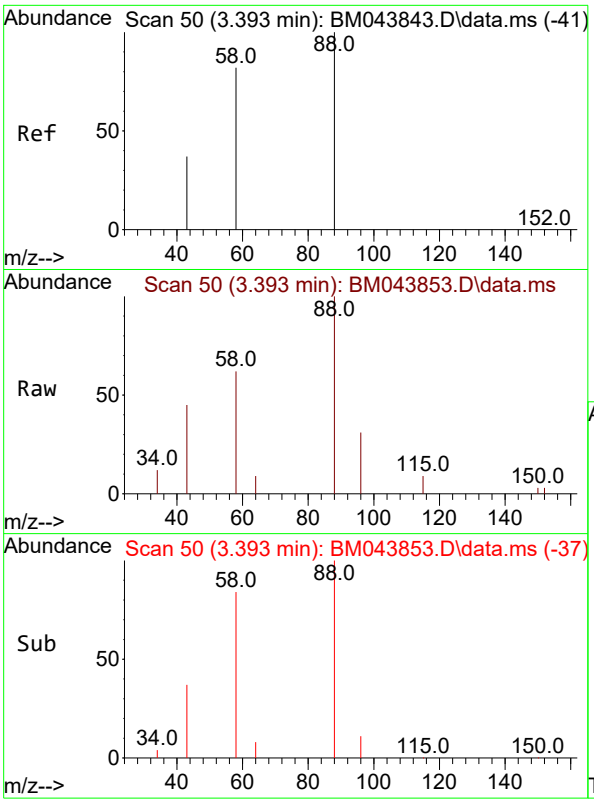
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011624\
Data File : BM043853.D
Acq On : 15 Jan 2024 23:24
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

Quant Time: Jan 16 00:42:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 10 15:40:11 2024
Response via : Initial Calibration



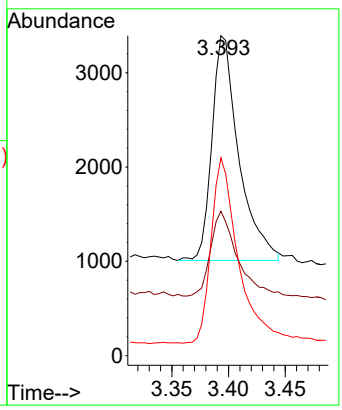


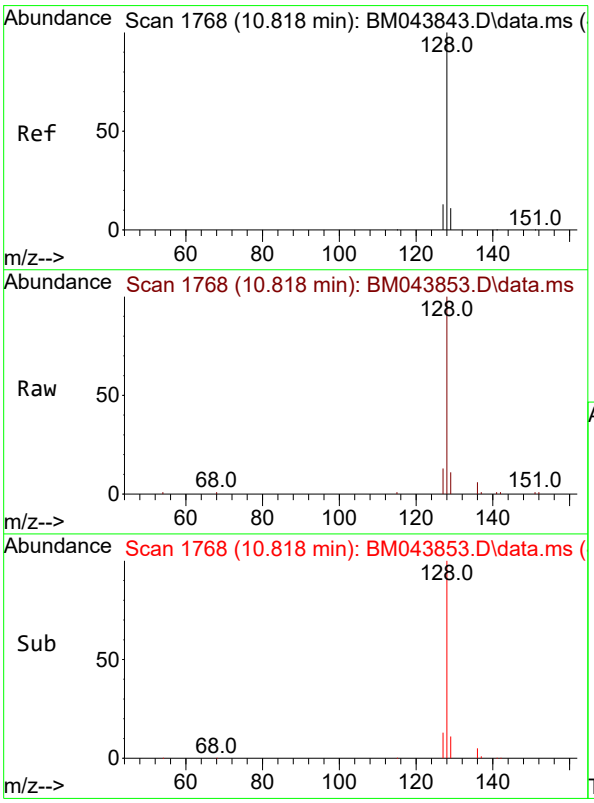
#2
1,4-Dioxane
Concen: 0.377 ng/ul
RT: 3.393 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

Tgt Ion: 88 Resp: 3930

Ion	Ratio	Lower	Upper
88	100		
43	45.2	42.1	63.1
58	61.8	50.2	75.2

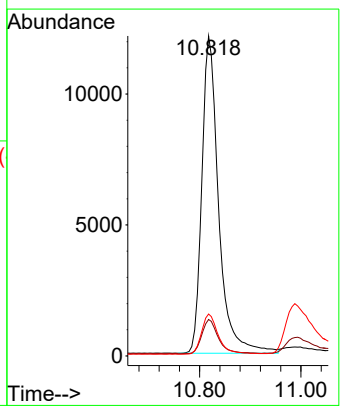


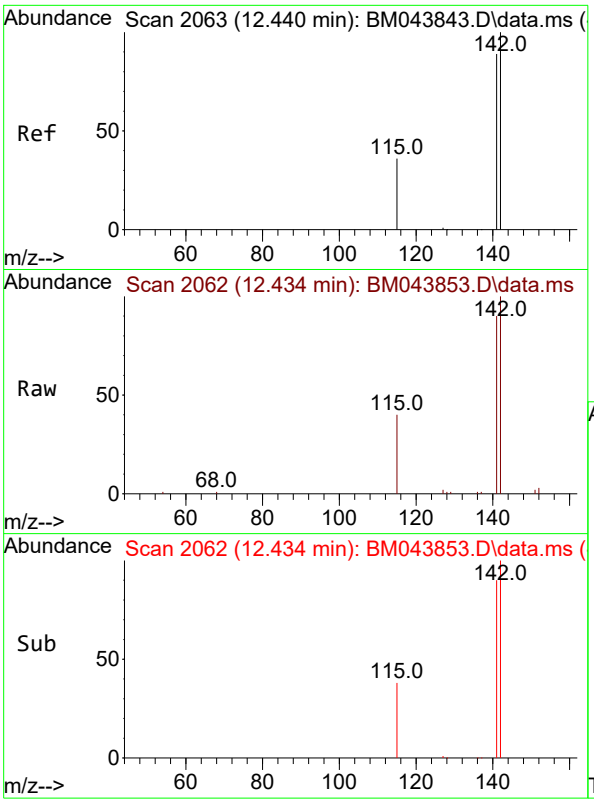


#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Tgt Ion:128 Resp: 27885

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.1	10.6	15.8



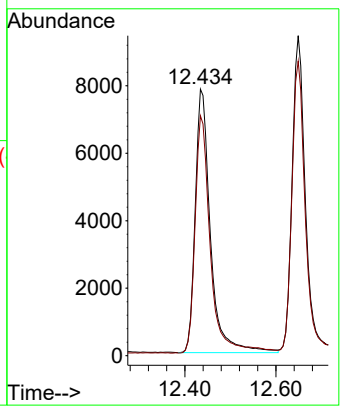


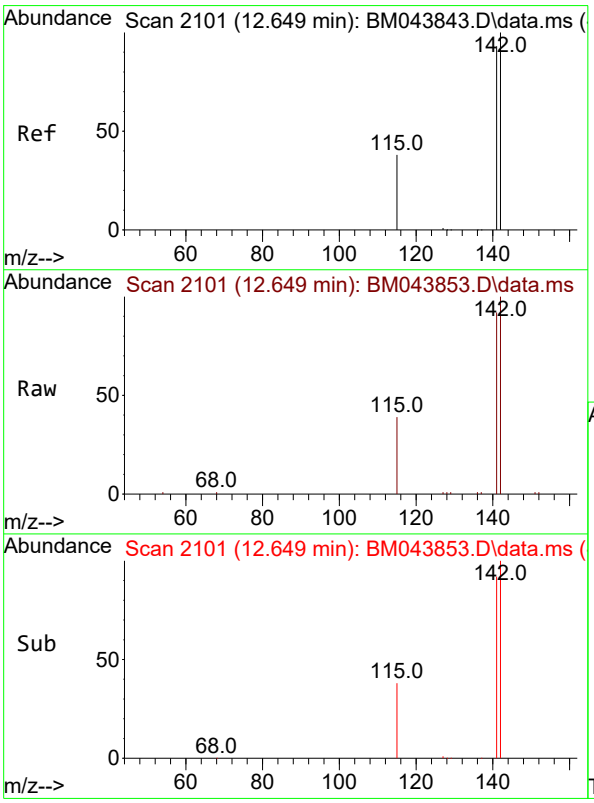
#7
2-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.434 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

Tgt Ion:142 Resp: 18115

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1

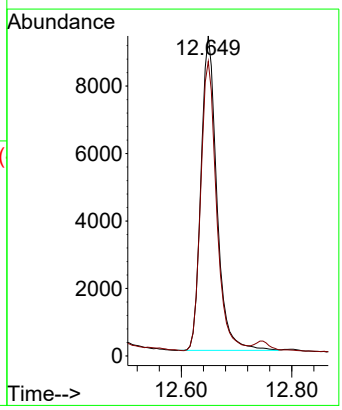


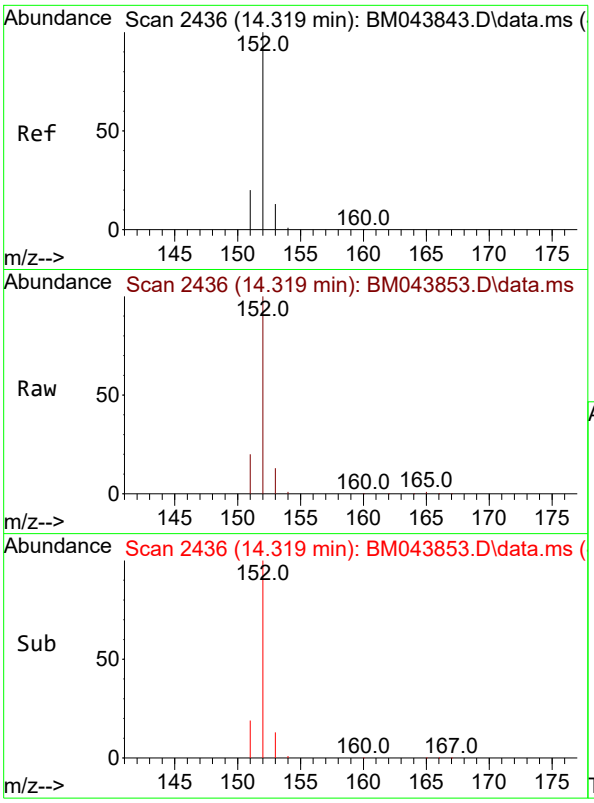


#8
1-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.649 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Tgt Ion:142 Resp: 18545

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.0	109.6



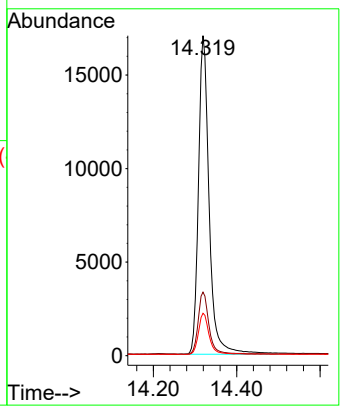


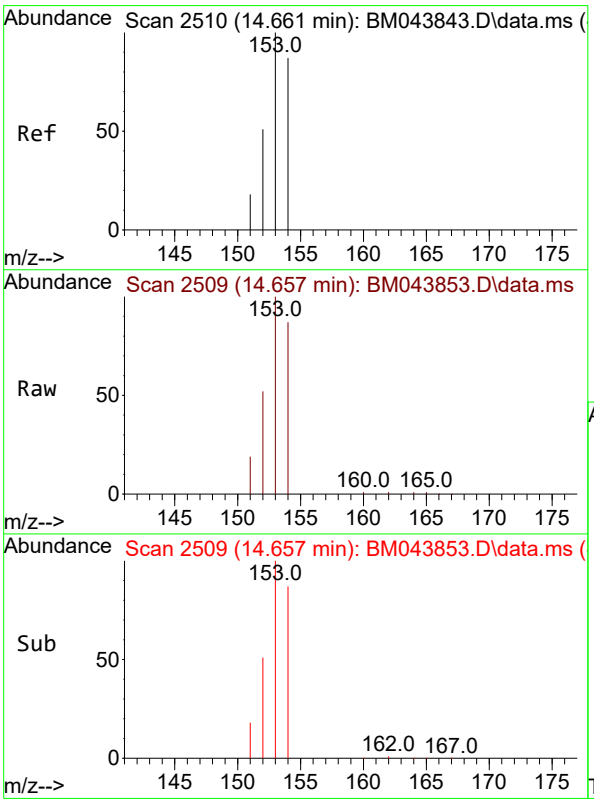
#10
Acenaphthylene
Concen: 0.387 ng/ul
RT: 14.319 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

Tgt Ion:152 Resp: 30397

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.2	10.6	16.0

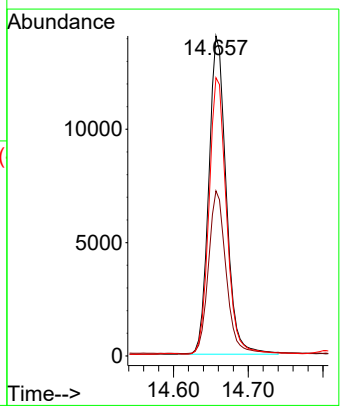


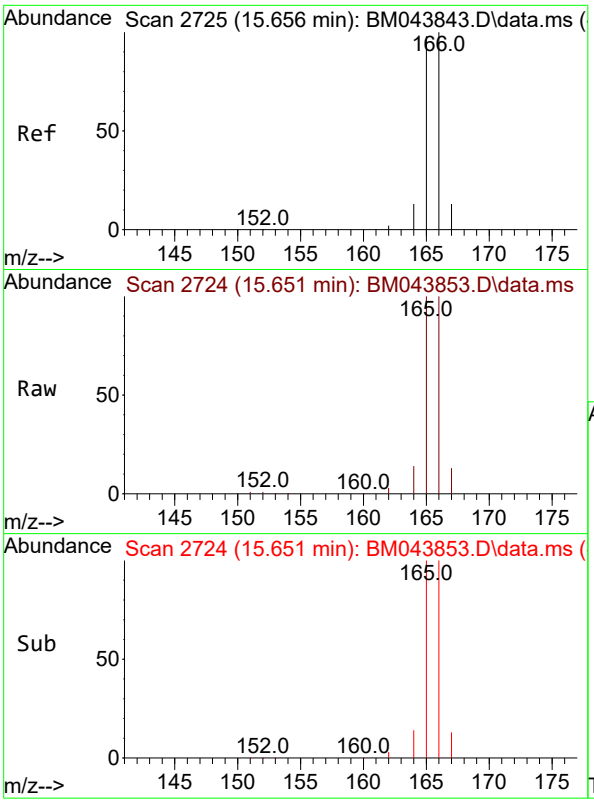


#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.657 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Tgt Ion:153 Resp: 22754

Ion	Ratio	Lower	Upper
153	100		
152	51.6	40.6	61.0
154	86.9	69.4	104.2



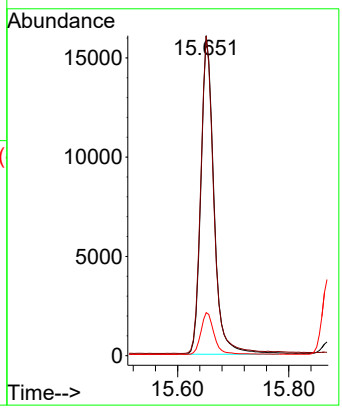


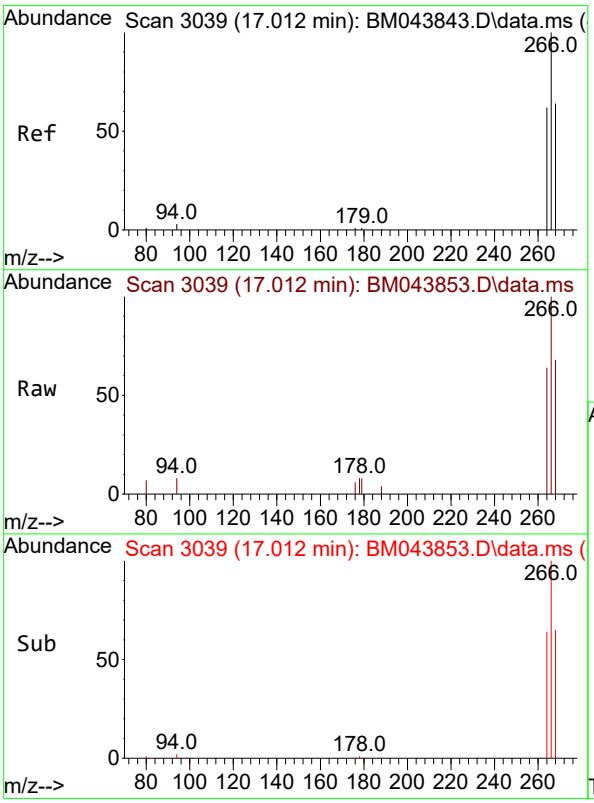
#12
Fluorene
Concen: 0.401 ng/ul
RT: 15.651 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

Tgt Ion:166 Resp: 26225

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.4	119.2
167	13.4	11.1	16.7

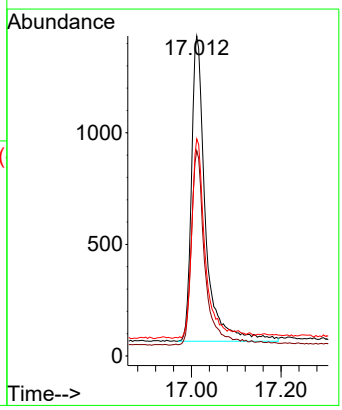


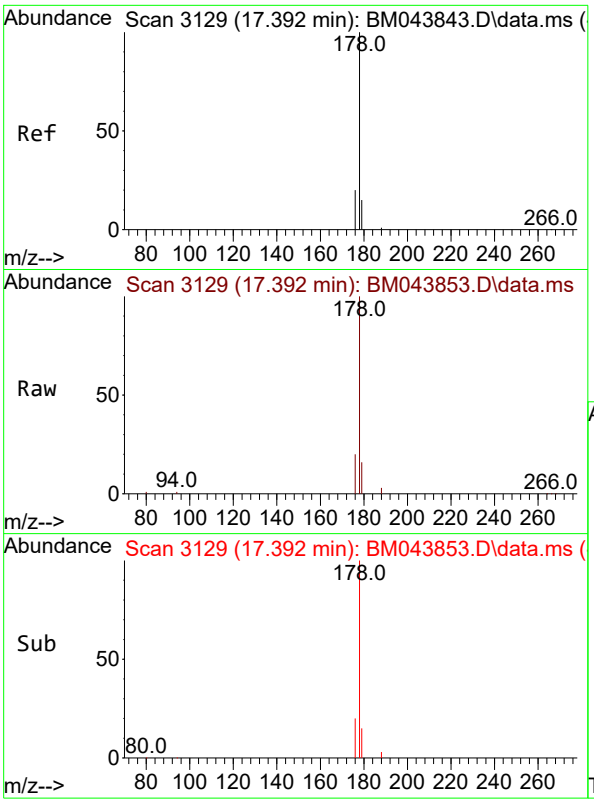


#14
Pentachlorophenol
Concen: 0.278 ng/ul
RT: 17.012 min Scan# 3039
Delta R.T. -0.004 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Tgt Ion:266 Resp: 2969

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.4	75.6
268	64.0	52.2	78.2



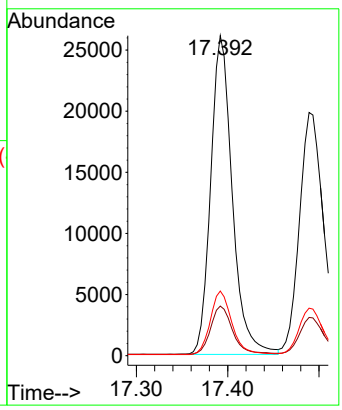


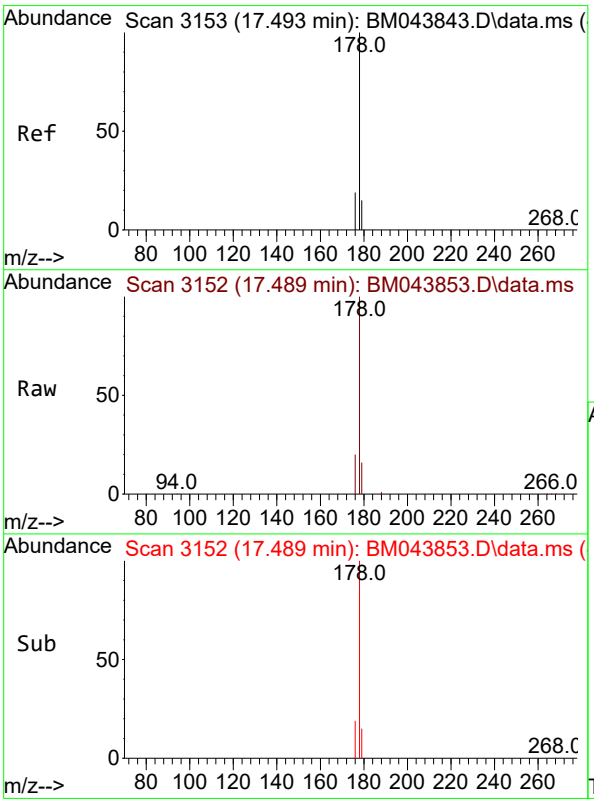
#15
Phenanthrene
Concen: 0.400 ng/ul
RT: 17.392 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

Tgt Ion:178 Resp: 42801

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	20.2	15.9	23.9

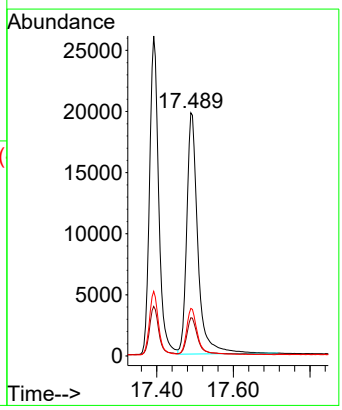


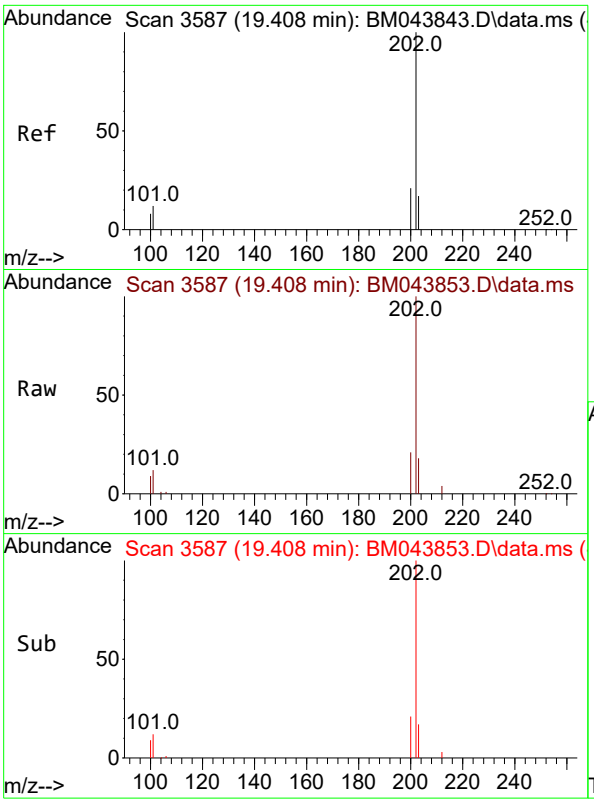


#16
Anthracene
Concen: 0.390 ng/ul
RT: 17.489 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Tgt Ion:178 Resp: 39737

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.7	19.1
176	19.5	15.6	23.4



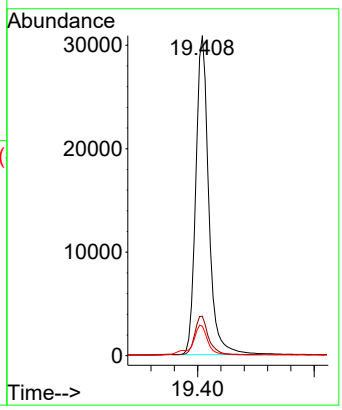


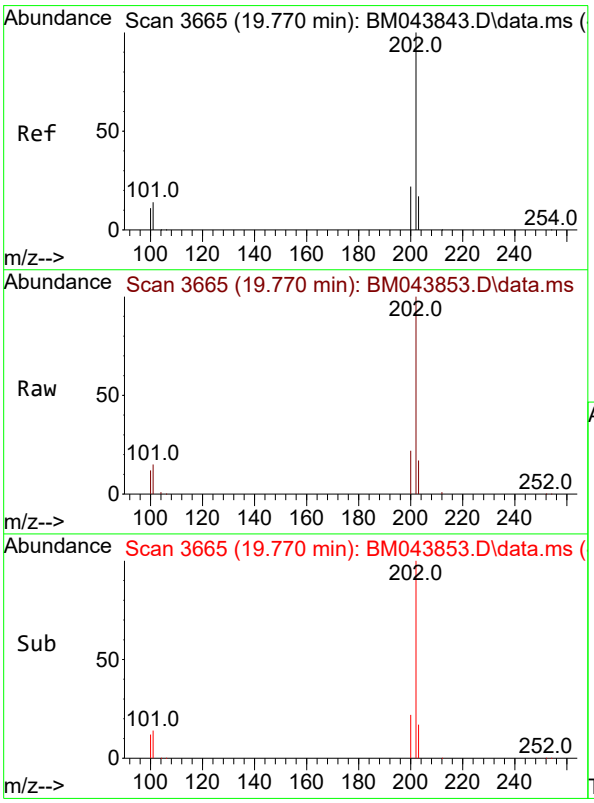
#19
Fluoranthene
Concen: 0.387 ng/ul
RT: 19.408 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

Tgt Ion:202 Resp: 47612

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.6	14.4
100	9.2	7.1	10.7

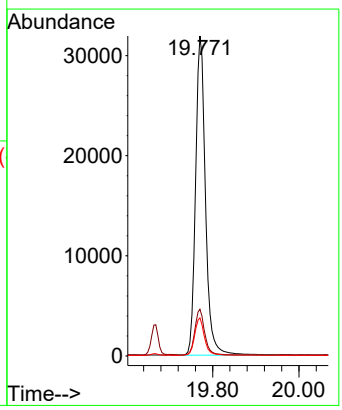


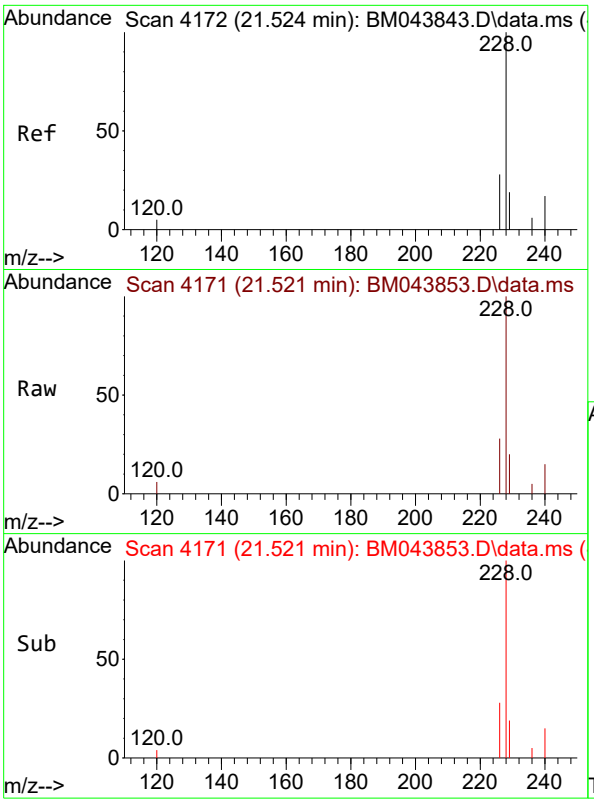


#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.770 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Tgt Ion:202 Resp: 50624

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.3	16.9
100	11.9	9.0	13.6



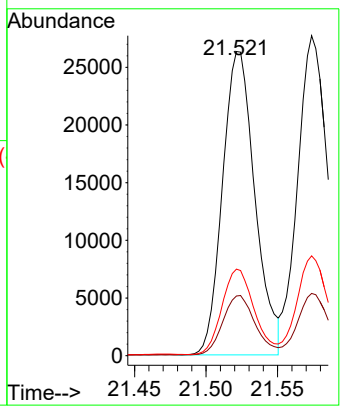


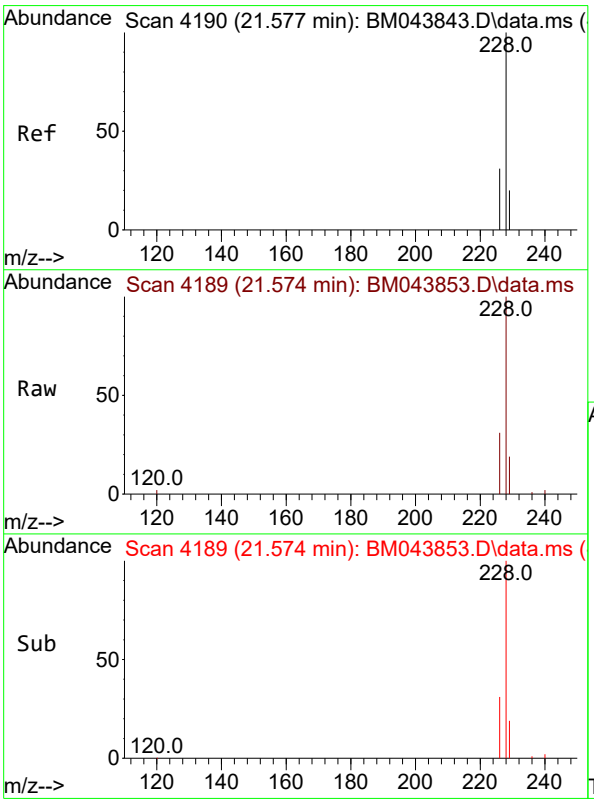
#21
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 21.521 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

Tgt Ion:228 Resp: 41540

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	28.5	22.5	33.7

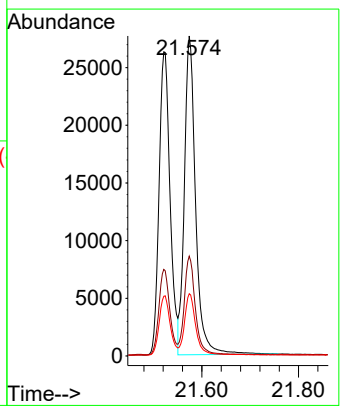


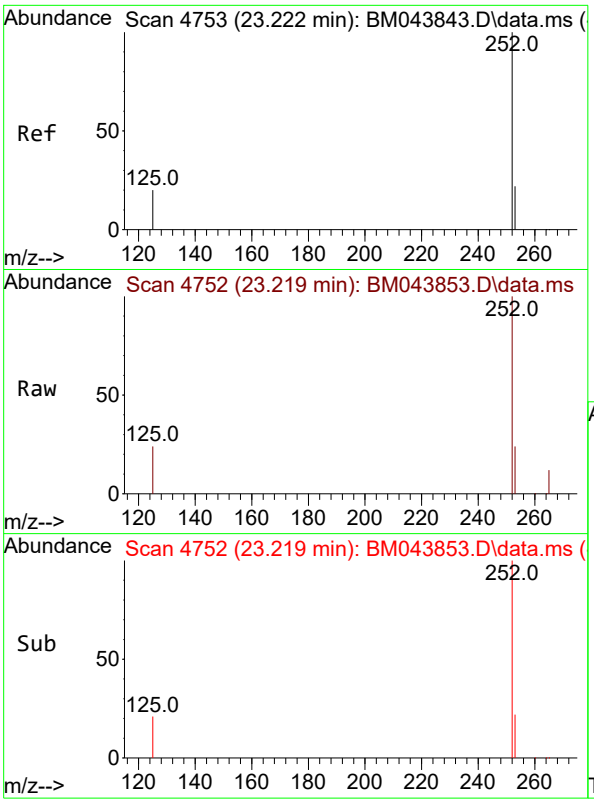


#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.574 min Scan# 4189
Delta R.T. -0.006 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Tgt Ion:228 Resp: 44603

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	19.5	15.7	23.5



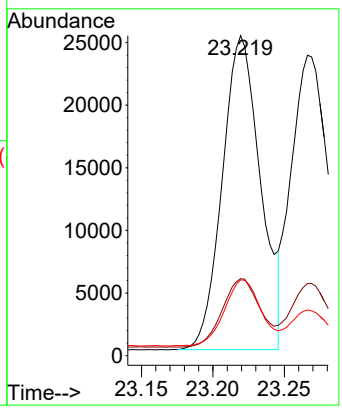


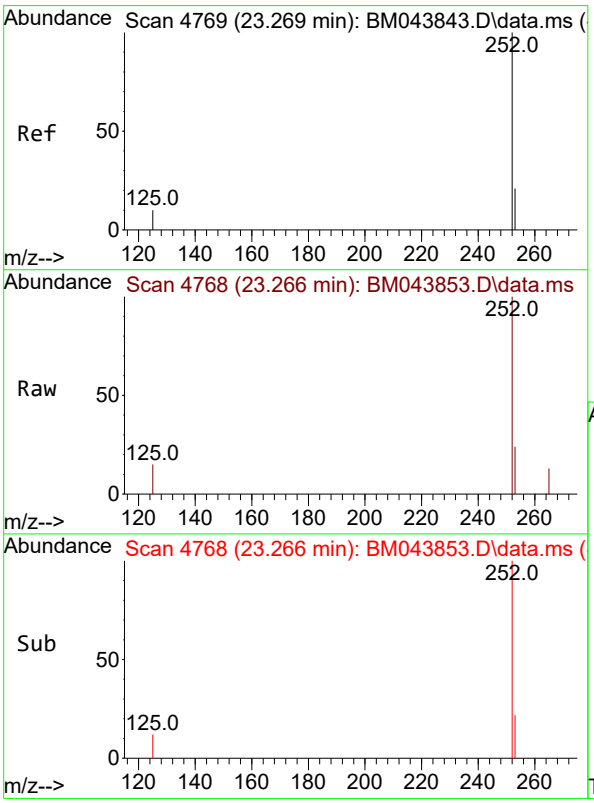
#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul
RT: 23.219 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

Tgt Ion:252 Resp: 46631

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	49.8
125	23.7	0.0	40.4

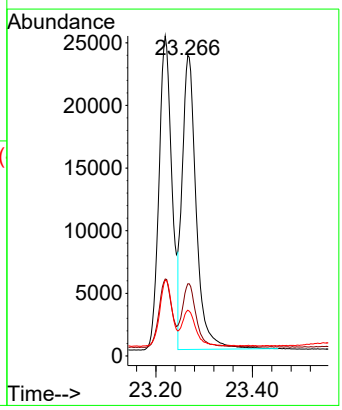


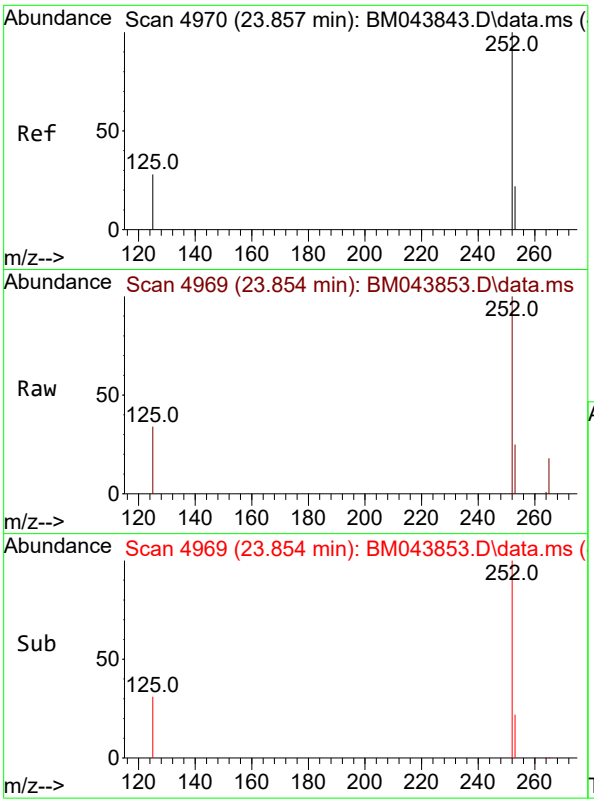


#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 23.266 min Scan# 4768
Delta R.T. -0.012 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Tgt Ion:252 Resp: 47317

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.9	29.9
125	15.2	12.1	18.1



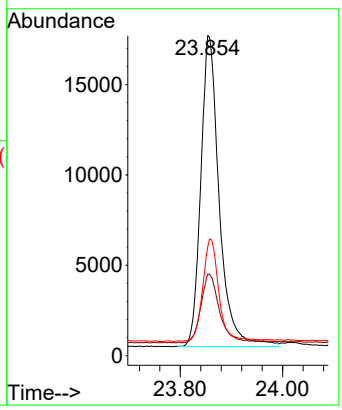


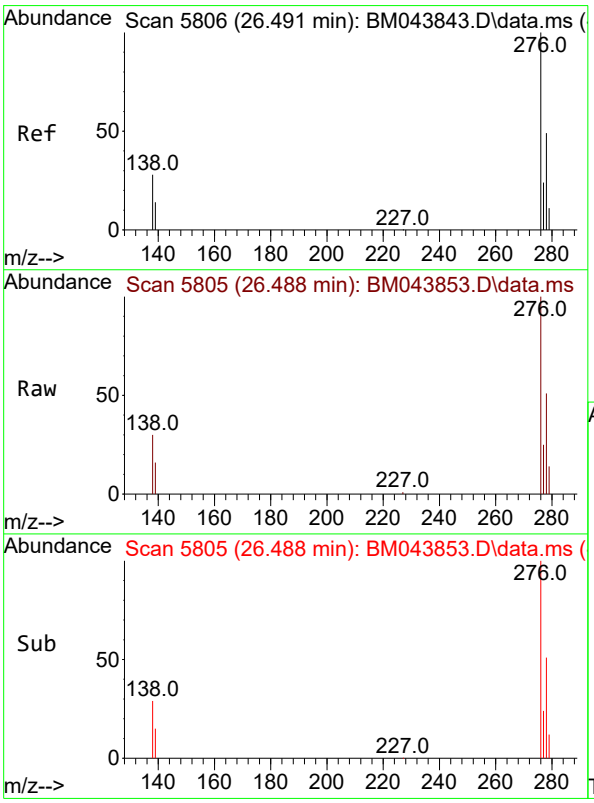
#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.854 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

Tgt Ion:252 Resp: 43118

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.8	31.2
125	34.1	20.2	30.2#

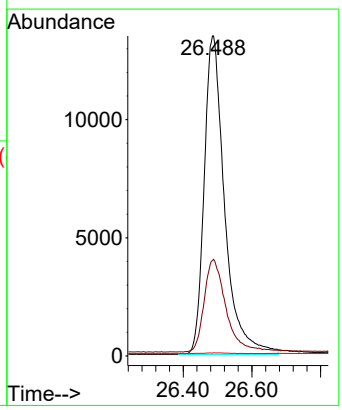


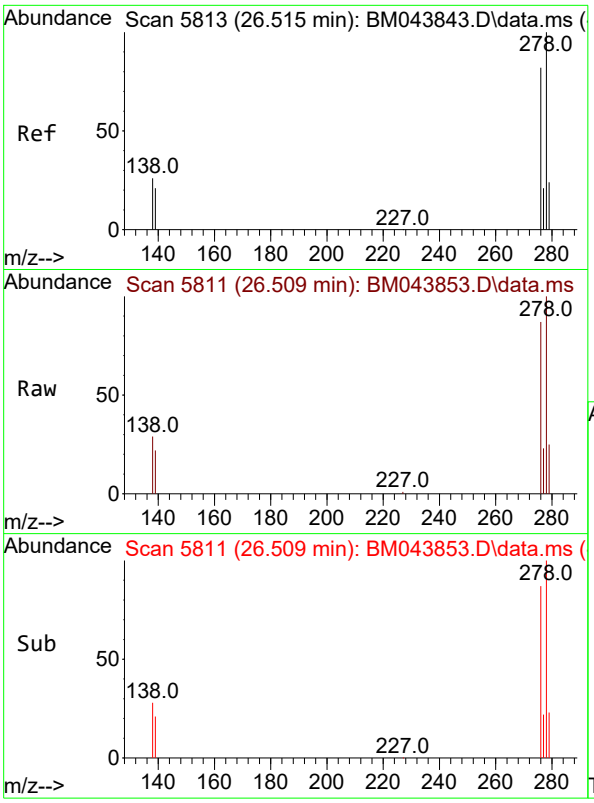


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.417 ng/ul
RT: 26.488 min Scan# 5805
Delta R.T. -0.013 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Tgt Ion:276 Resp: 55697

Ion	Ratio	Lower	Upper
276	100		
138	31.1	23.5	35.3
227	0.1	0.2	0.2#



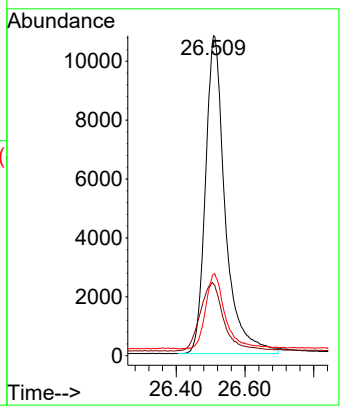


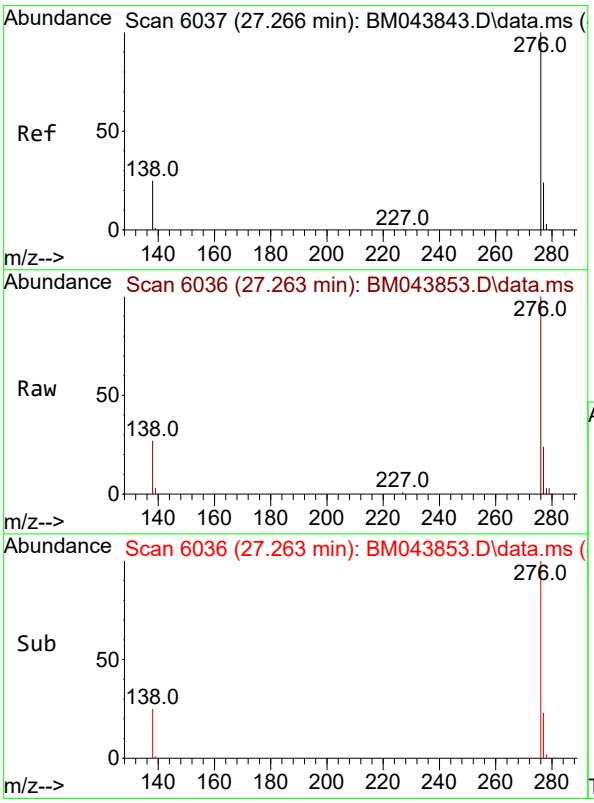
#28
Dibenzo(a,h)anthracene
Concen: 0.417 ng/ul
RT: 26.509 min Scan# 5
Delta R.T. -0.016 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.4177

Tgt Ion:278 Resp: 43118

Ion	Ratio	Lower	Upper
278	100		
139	22.3	18.1	27.1
279	25.5	20.6	30.8





#29
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 27.263 min Scan# 6036
Delta R.T. -0.016 min
Lab File: BM043853.D
Acq: 15 Jan 2024 23:24

Tgt Ion:276 Resp: 44070

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.0	31.4
277	24.1	19.8	29.6