Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011924\
Data File : BM043877.D
Acq On : 19 Jan 2024 18:08
Operator : MA/JU
Sample : SSTD1.694
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Quant Time: Jan 19 22:39:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 22:34:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	4549	0.400	ng/ul	0.00
4) Naphthalene-d8	10.738	136	11648	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.575	164	5713	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	10974	0.400	ng/ul	-0.02
17) Chrysene-d12	21.523	240	7352	0.400	ng/ul	-0.01
23) Perylene-d12	23.949	264	8633	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	9731	1.769	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	24408	1.450	ng/ul	-0.03
18) Fluoranthene-d10	19.359	212	38023	1.600	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	10412	1.780	ng/ul#	82
5) Naphthalene	10.787	128	53586	1.602	ng/ul	97
7) 2-Methylnaphthalene	12.409	142	32571	1.482	ng/ul	100
8) 1-Methylnaphthalene	12.618	142	33540	1.503	ng/ul	100
10) Acenaphthylene	14.298	152	49693	1.623	ng/ul	97
11) Acenaphthene	14.635	153	36780	1.652	ng/ul	99
12) Fluorene	15.630	166	38997	1.529	ng/ul	99
14) Pentachlorophenol	17.077	266	2386	0.686	ng/ul#	86
15) Phenanthrene	17.372	178	56899	1.632	ng/ul	98
16) Anthracene	17.474	178	52569	1.584	ng/ul	98
19) Fluoranthene	19.391	202	61548	1.691	ng/ul	99
20) Pyrene	19.759	202	63142	1.665	ng/ul	99
21) Benzo(a)anthracene	21.512	228	50659	1.588	ng/ul	98
22) Chrysene	21.564	228	57116	1.662	ng/ul	98
24) Benzo(b)fluoranthene	23.201	252	56499	1.606	ng/ul	86
25) Benzo(k)fluoranthene	23.254	252	61879	1.594	ng/ul#	86
26) Benzo(a)pyrene	23.841	252	55467	1.682	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.447	276	75463	1.810	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.484	278	58126	1.799	ng/ul#	88
29) Benzo(g,h,i)perylene	27.225	276	64349	1.845	ng/ul	95

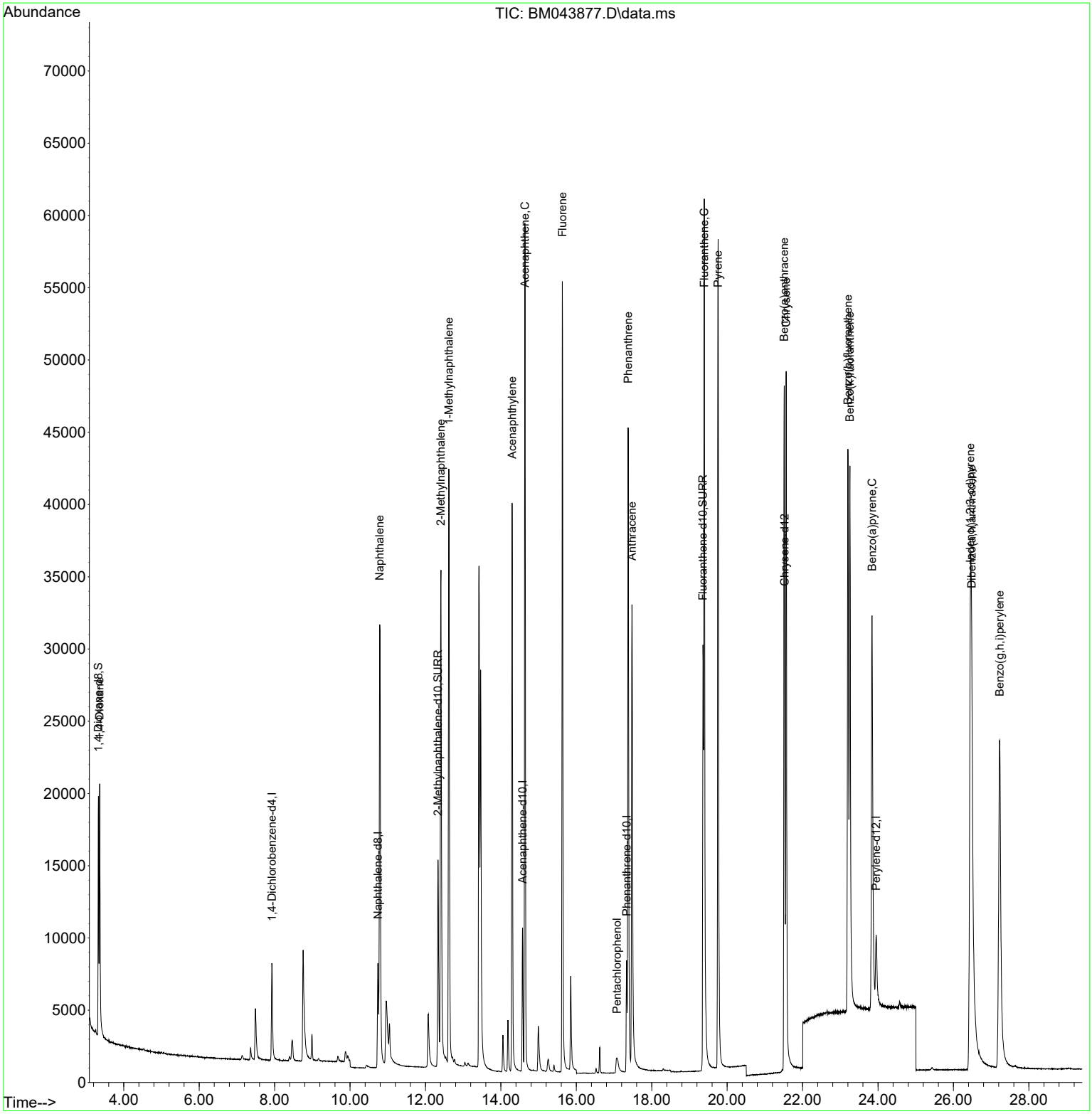
(#) = qualifier out of range (m) = manual integration (+) = signals summed

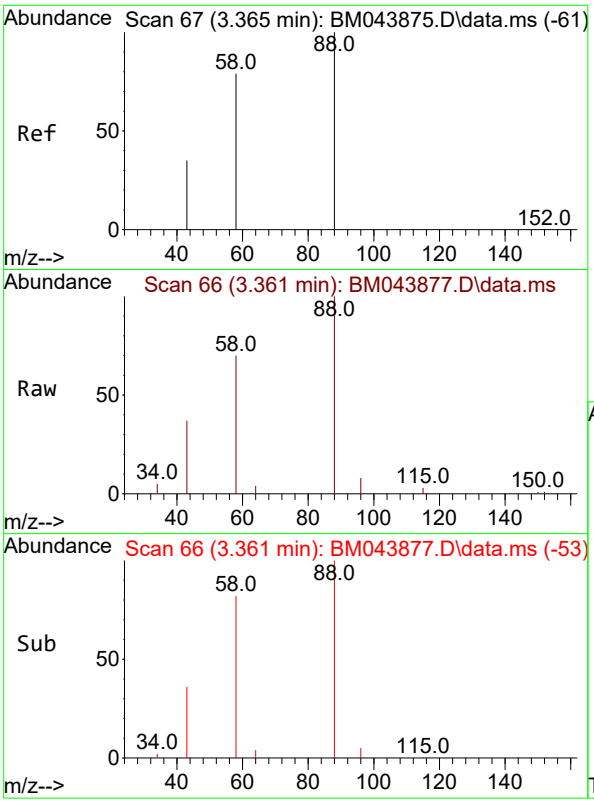
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011924\
Data File : BM043877.D
Acq On : 19 Jan 2024 18:08
Operator : MA/JU
Sample : SSTD1.694
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Quant Time: Jan 19 22:39:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 22:34:12 2024
Response via : Initial Calibration



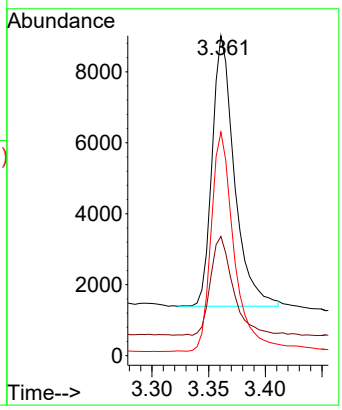


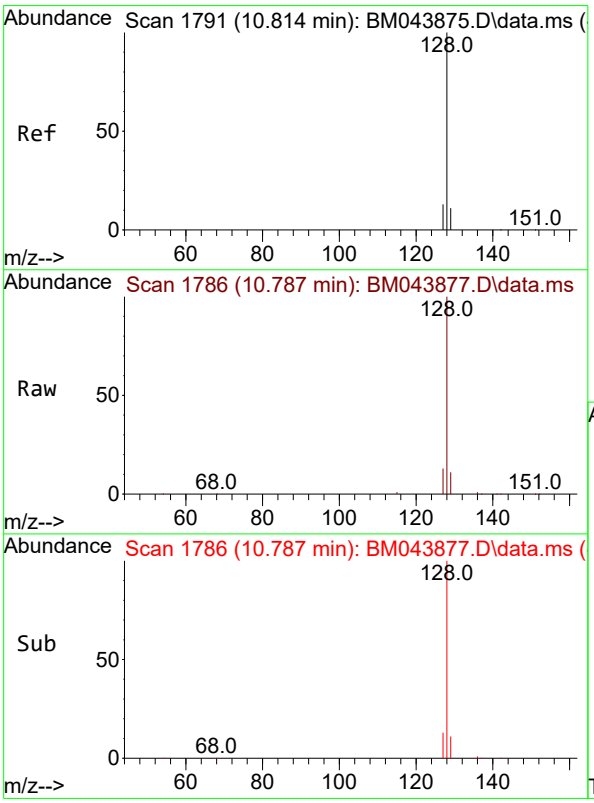
#2
1,4-Dioxane
Concen: 1.780 ng/ul
RT: 3.361 min Scan# 6
Delta R.T. -0.004 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion: 88 Resp: 10412

Ion	Ratio	Lower	Upper
88	100		
43	37.2	32.2	48.4
58	69.8	40.2	60.4#

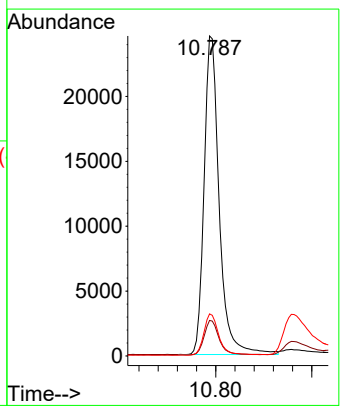


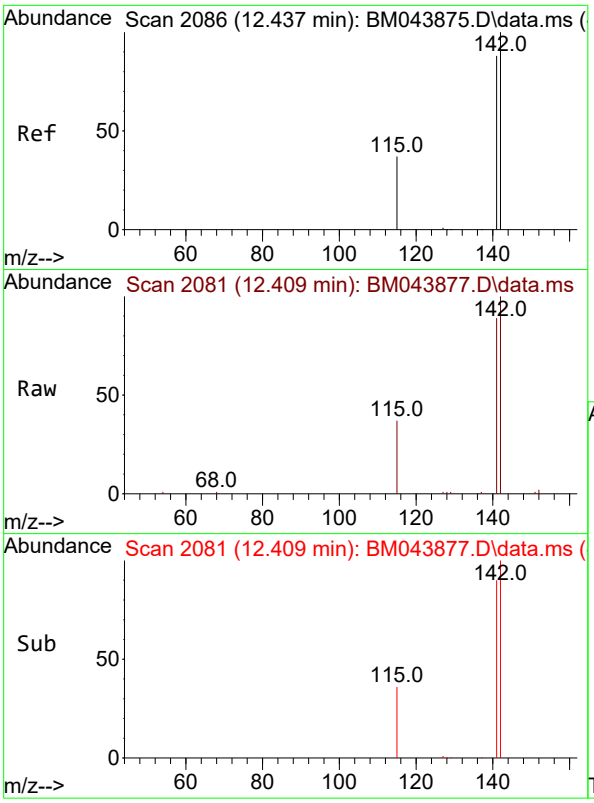


#5
Naphthalene
Concen: 1.602 ng/ul
RT: 10.787 min Scan# 1786
Delta R.T. -0.027 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Tgt Ion:128 Resp: 53586

Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.0	15.0
127	13.2	11.4	17.0



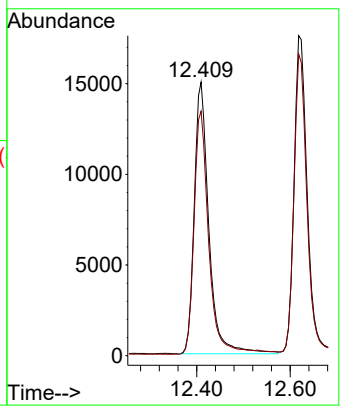


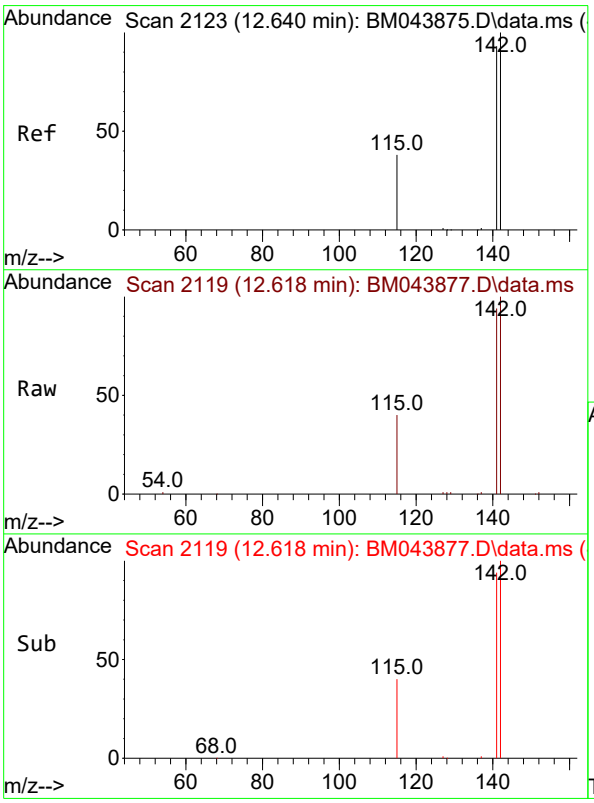
#7
2-Methylnaphthalene
Concen: 1.482 ng/ul
RT: 12.409 min Scan# 2
Delta R.T. -0.027 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:142 Resp: 32571

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.0	109.4

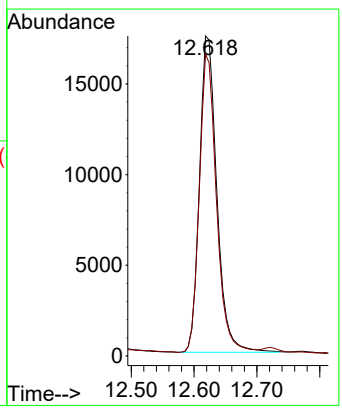


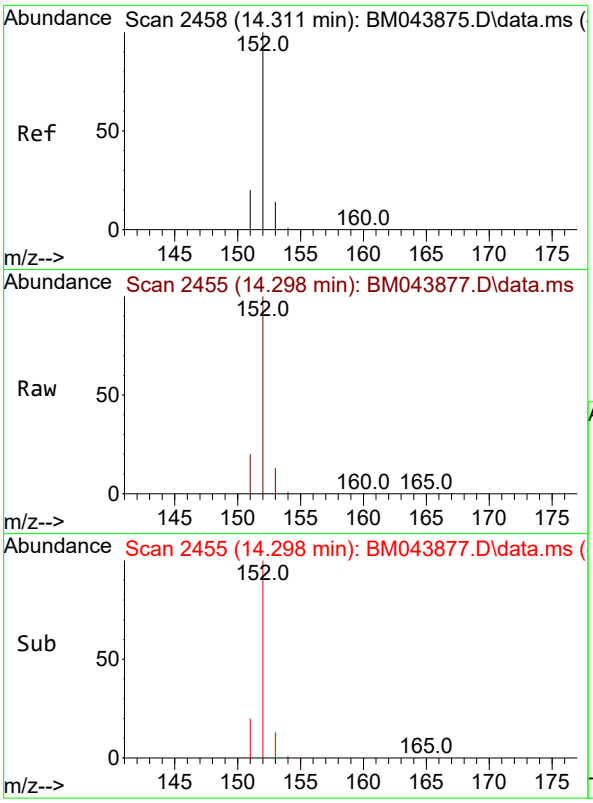


#8
1-Methylnaphthalene
Concen: 1.503 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.022 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Tgt Ion:142 Resp: 33540

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.6	111.8



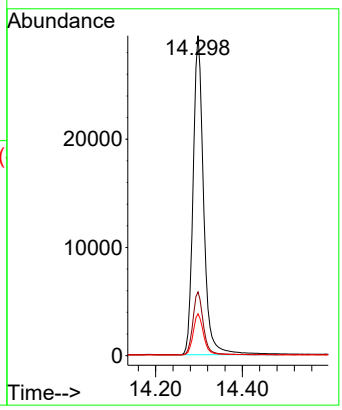


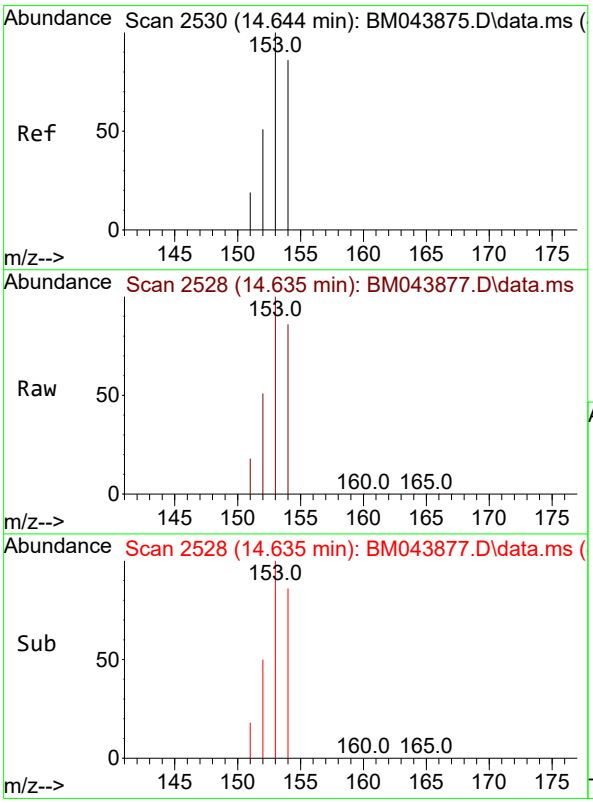
#10
Acenaphthylene
Concen: 1.623 ng/ul
RT: 14.298 min Scan# 24
Delta R.T. -0.014 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:152 Resp: 49693

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.6	24.8
153	13.1	11.7	17.5

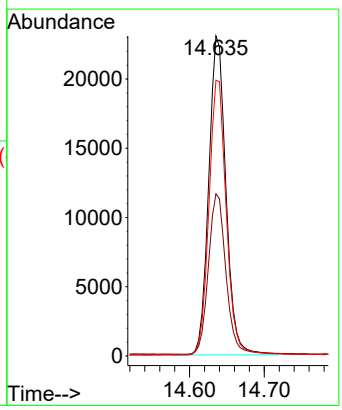


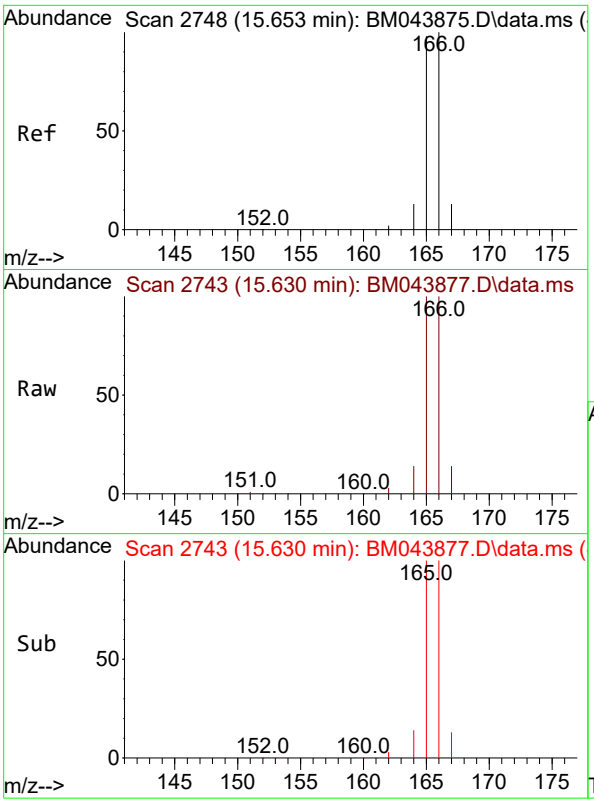


#11
Acenaphthene
Concen: 1.652 ng/ul
RT: 14.635 min Scan# 2528
Delta R.T. -0.009 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Tgt Ion:153 Resp: 36780

Ion	Ratio	Lower	Upper
153	100		
152	50.7	42.1	63.1
154	86.2	69.0	103.6



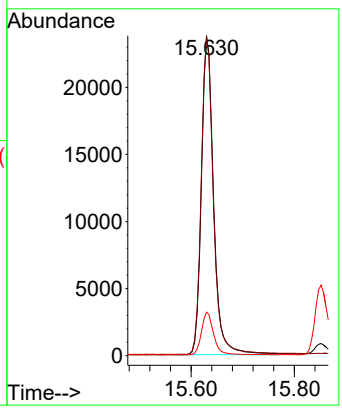


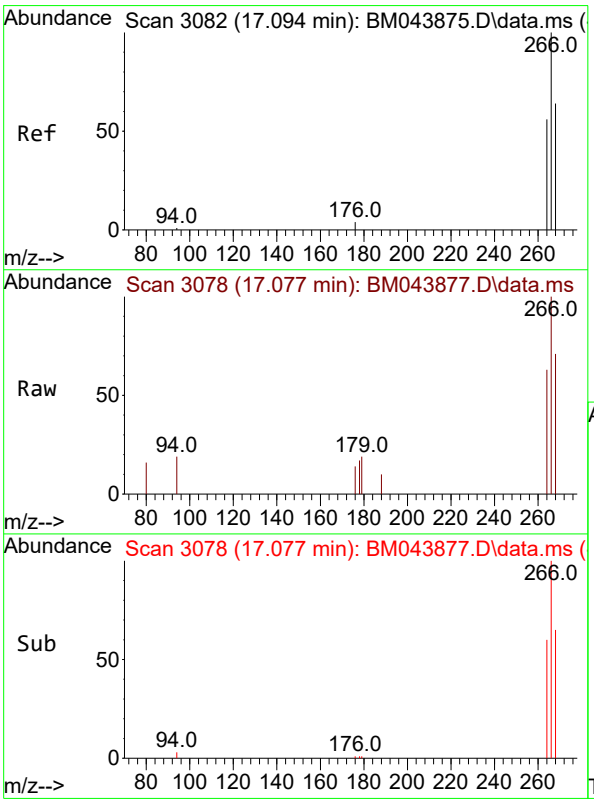
#12
Fluorene
Concen: 1.529 ng/ul
RT: 15.630 min Scan# 2
Delta R.T. -0.023 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:166 Resp: 38997

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.2	118.8
167	13.6	11.4	17.2

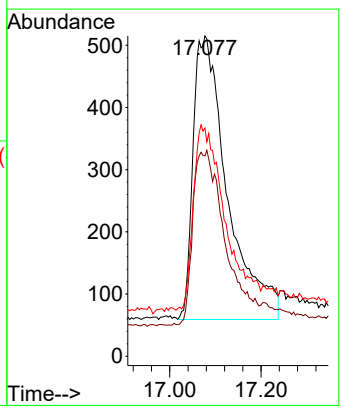


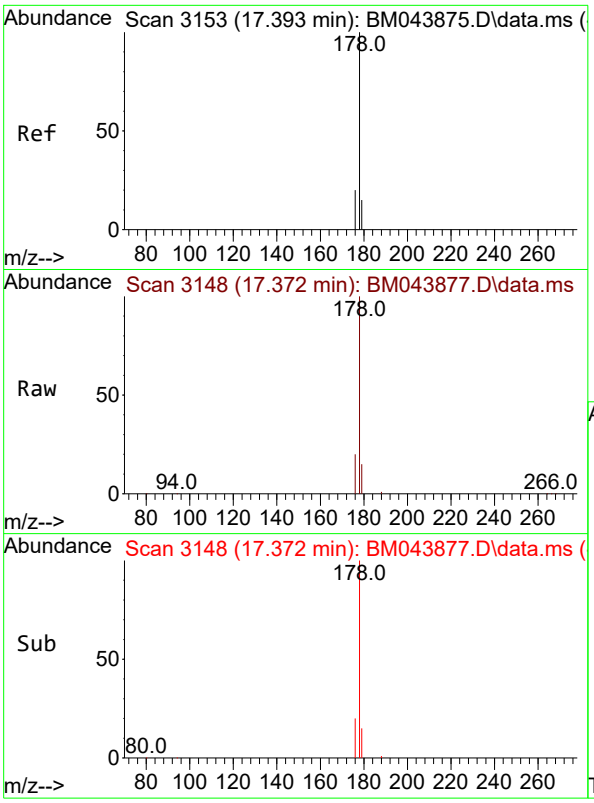


#14
Pentachlorophenol
Concen: 0.686 ng/ul
RT: 17.077 min Scan# 3078
Delta R.T. -0.017 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Tgt Ion:266 Resp: 2386

Ion	Ratio	Lower	Upper
266	100		
264	61.9	39.8	59.6#
268	65.5	45.6	68.4



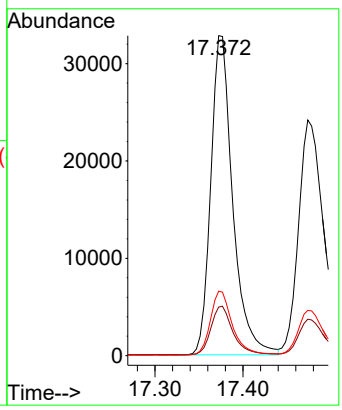


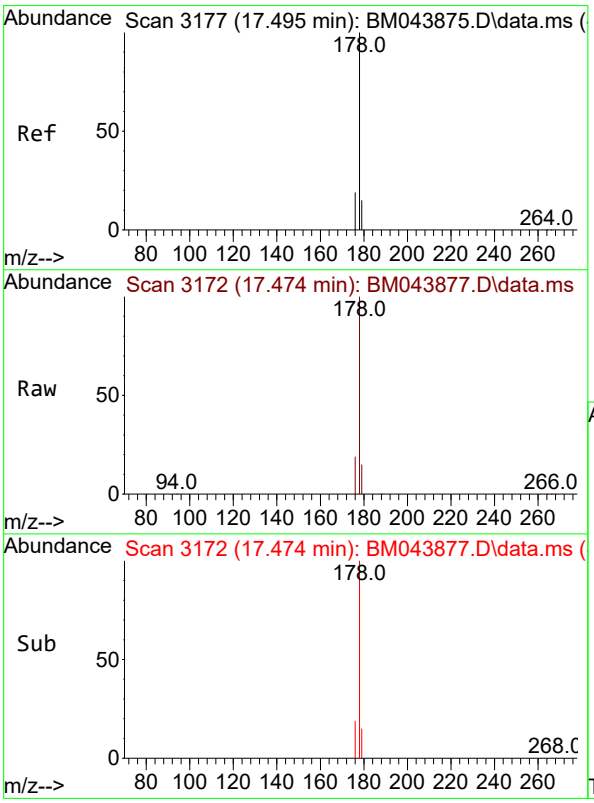
#15
Phenanthrene
Concen: 1.632 ng/ul
RT: 17.372 min Scan# 3
Delta R.T. -0.021 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:178 Resp: 56899

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.0	19.6
176	20.1	16.4	24.6

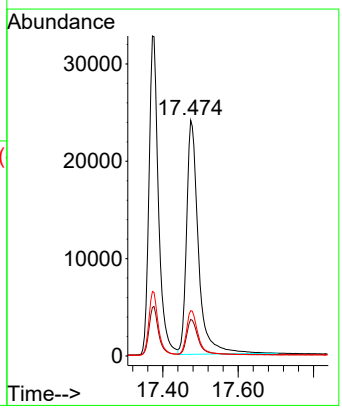


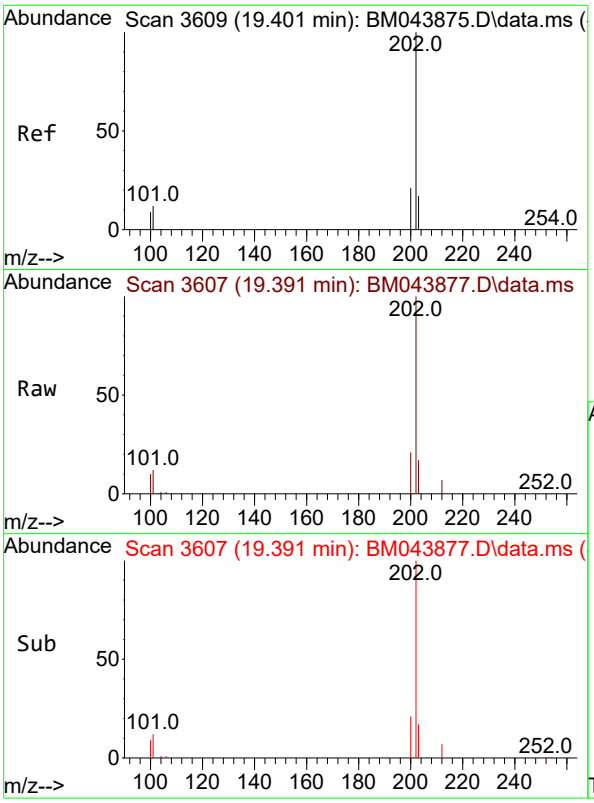


#16
Anthracene
Concen: 1.584 ng/ul
RT: 17.474 min Scan# 3172
Delta R.T. -0.021 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Tgt Ion:178 Resp: 52569

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.2	19.8
176	19.2	16.2	24.2



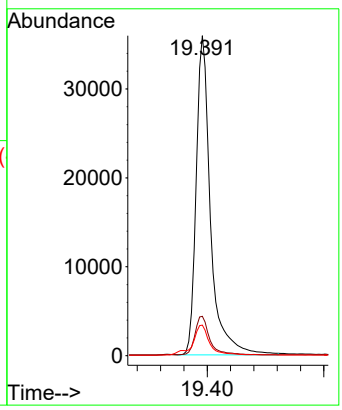


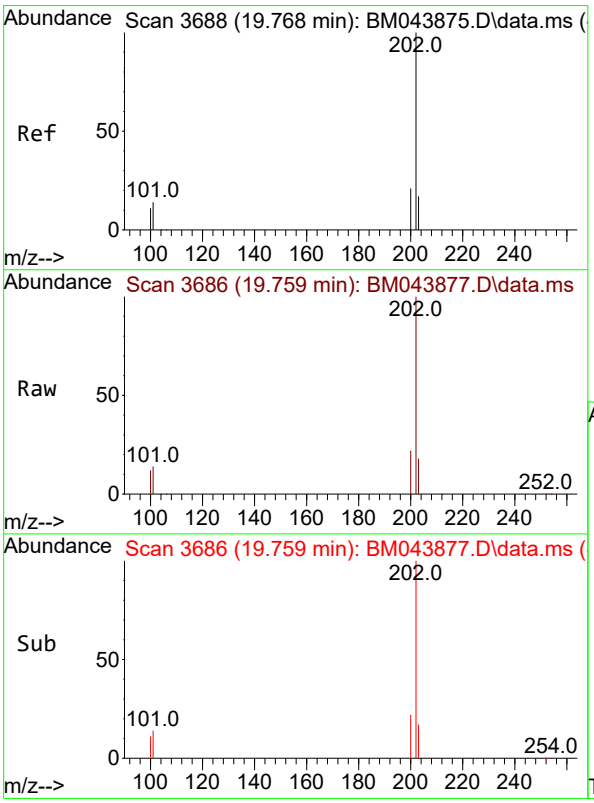
#19
Fluoranthene
Concen: 1.691 ng/ul
RT: 19.391 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:202 Resp: 61548

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.1	15.1
100	9.6	8.0	12.0

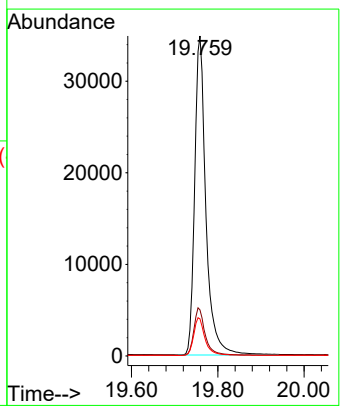


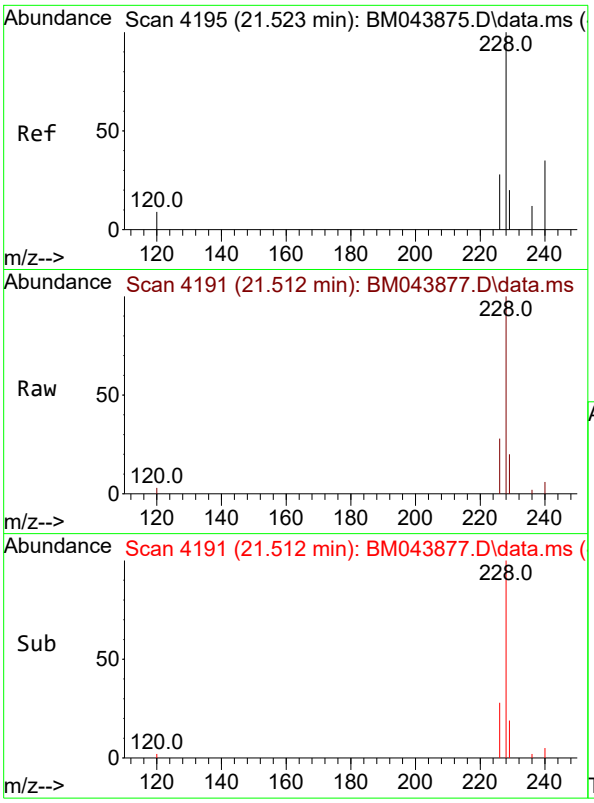


#20
Pyrene
Concen: 1.665 ng/ul
RT: 19.759 min Scan# 3686
Delta R.T. -0.009 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Tgt Ion:202 Resp: 63142

Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.9	17.9
100	11.6	9.5	14.3



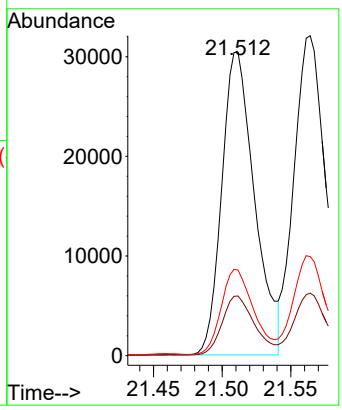


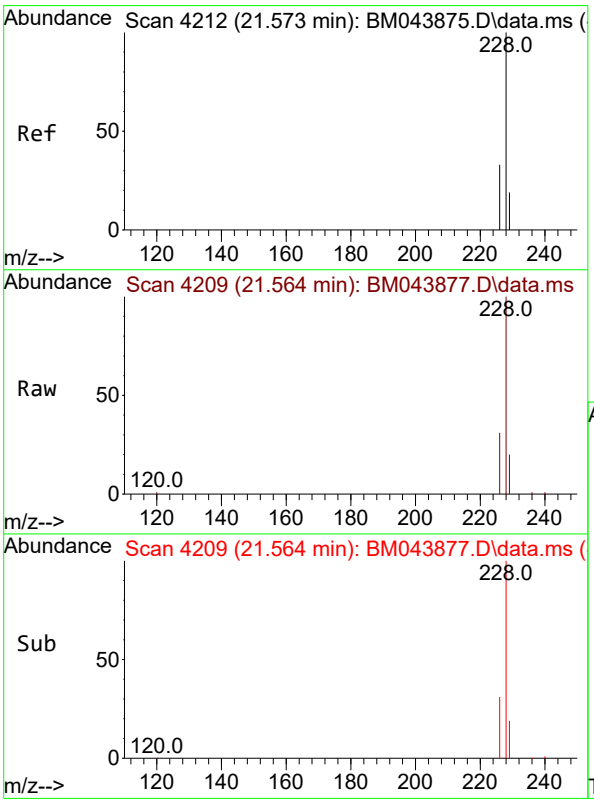
#21
Benzo(a)anthracene
Concen: 1.588 ng/ul
RT: 21.512 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:228 Resp: 50659

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.5	24.7
226	28.2	23.1	34.7

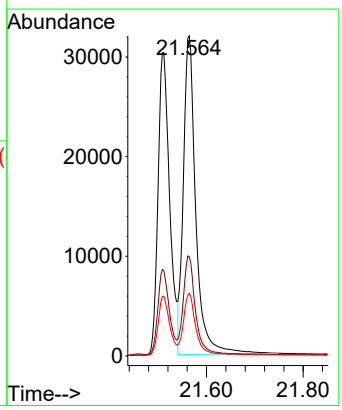


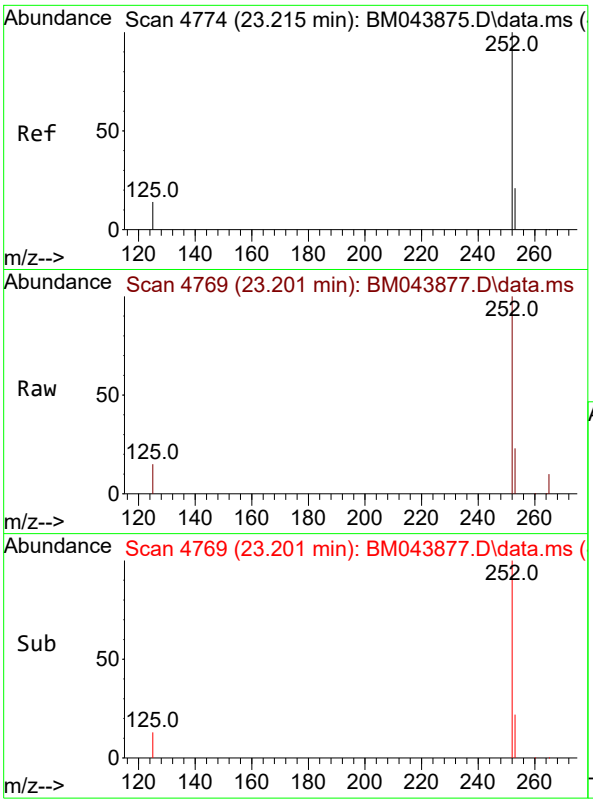


#22
Chrysene
Concen: 1.662 ng/ul
RT: 21.564 min Scan# 4209
Delta R.T. -0.009 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Tgt Ion:228 Resp: 57116

Ion	Ratio	Lower	Upper
228	100		
226	31.0	26.2	39.2
229	19.5	16.2	24.2



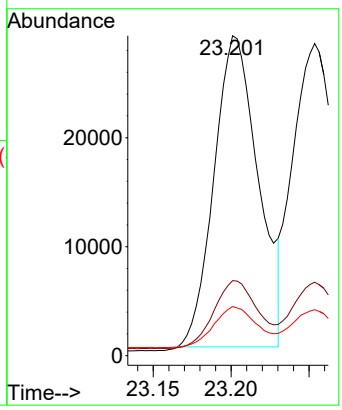


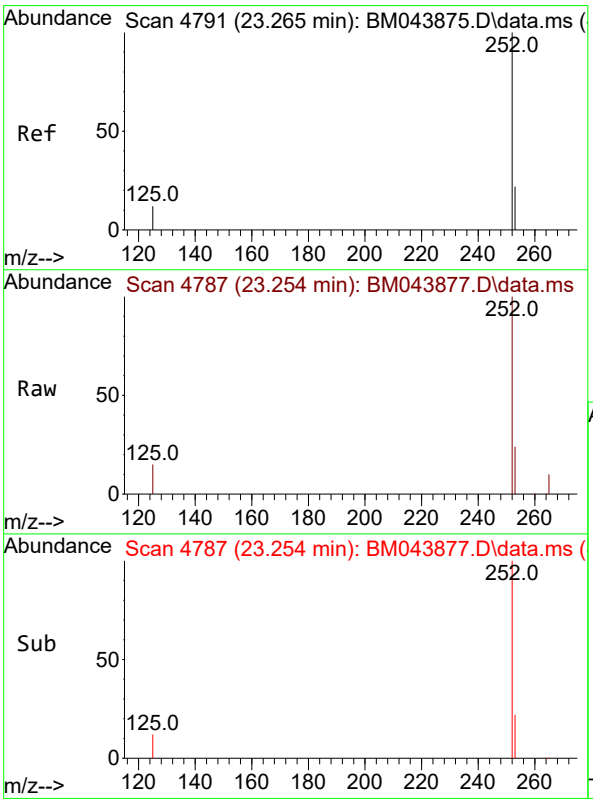
#24
Benzo(b)fluoranthene
Concen: 1.606 ng/ul
RT: 23.201 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:252 Resp: 56499

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	58.8
125	15.3	0.0	47.2

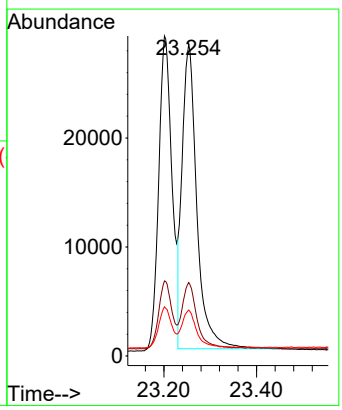


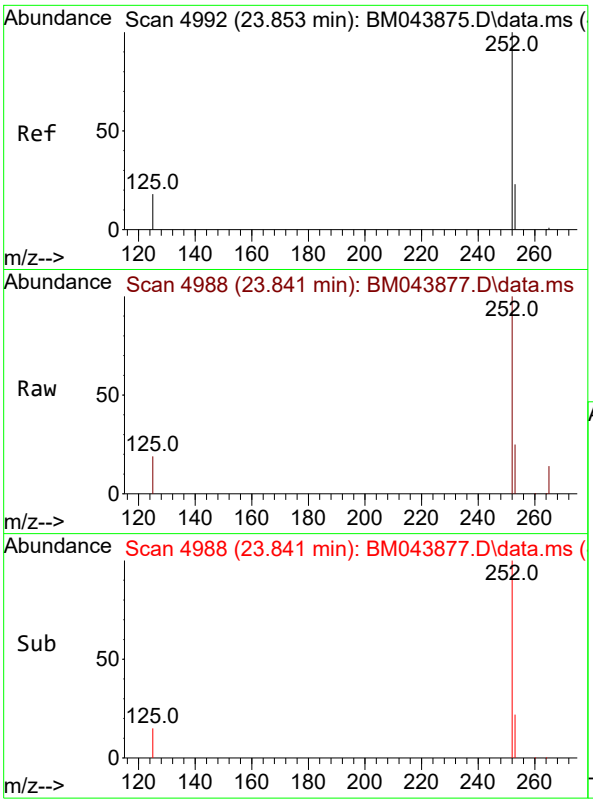


#25
Benzo(k)fluoranthene
Concen: 1.594 ng/ul
RT: 23.254 min Scan# 4787
Delta R.T. -0.012 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Tgt Ion:252 Resp: 61879

Ion	Ratio	Lower	Upper
252	100		
253	23.5	24.2	36.2#
125	14.7	17.9	26.9#



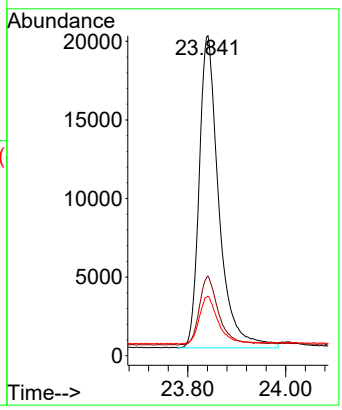


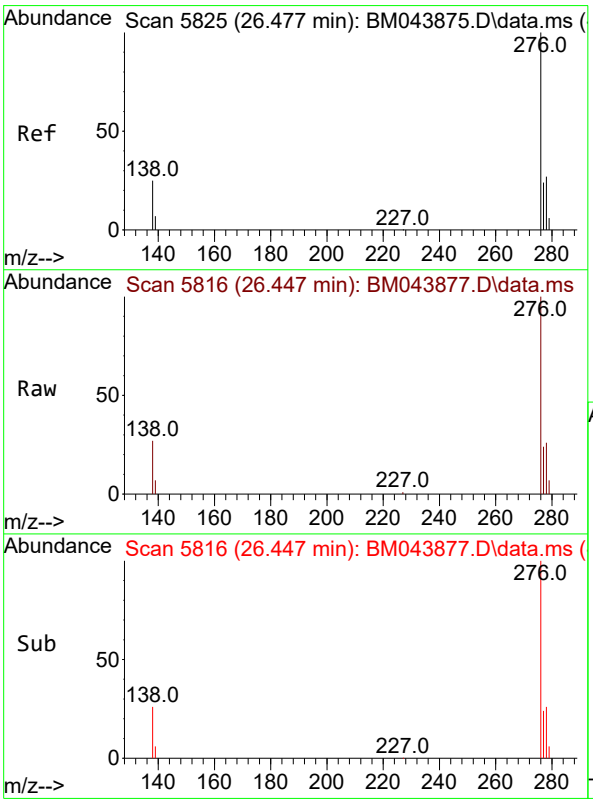
#26
Benzo(a)pyrene
Concen: 1.682 ng/ul
RT: 23.841 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:252 Resp: 55467

Ion	Ratio	Lower	Upper
252	100		
253	24.8	28.6	42.8#
125	18.6	26.9	40.3#

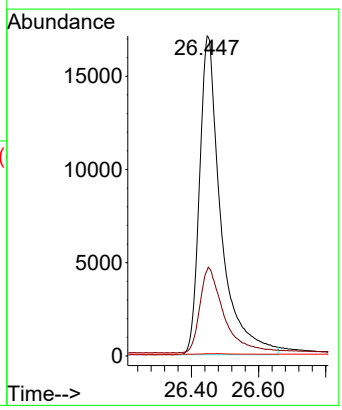


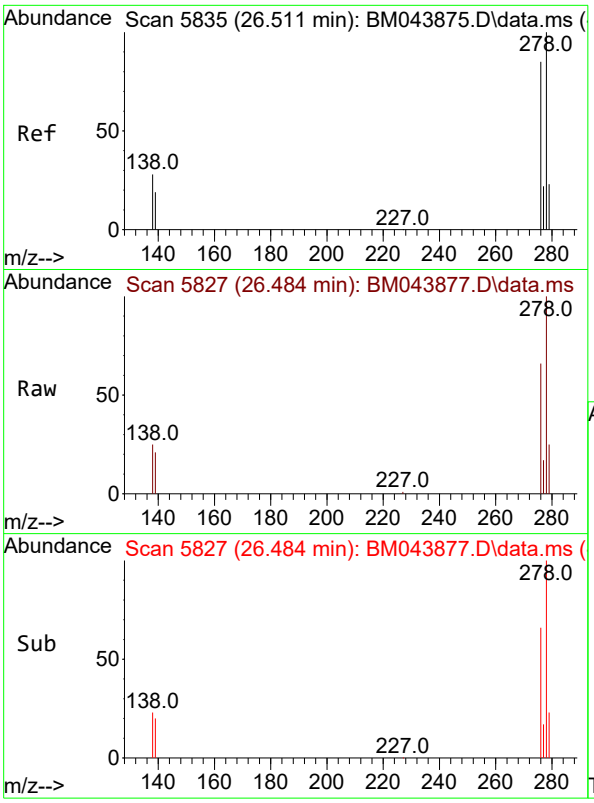


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.810 ng/ul
RT: 26.447 min Scan# 5816
Delta R.T. -0.030 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Tgt Ion:276 Resp: 75463

Ion	Ratio	Lower	Upper
276	100		
138	30.1	24.6	36.8
227	0.1	0.1	0.1#



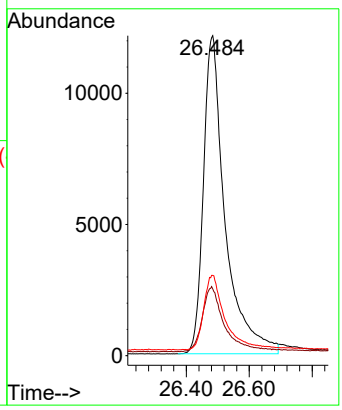


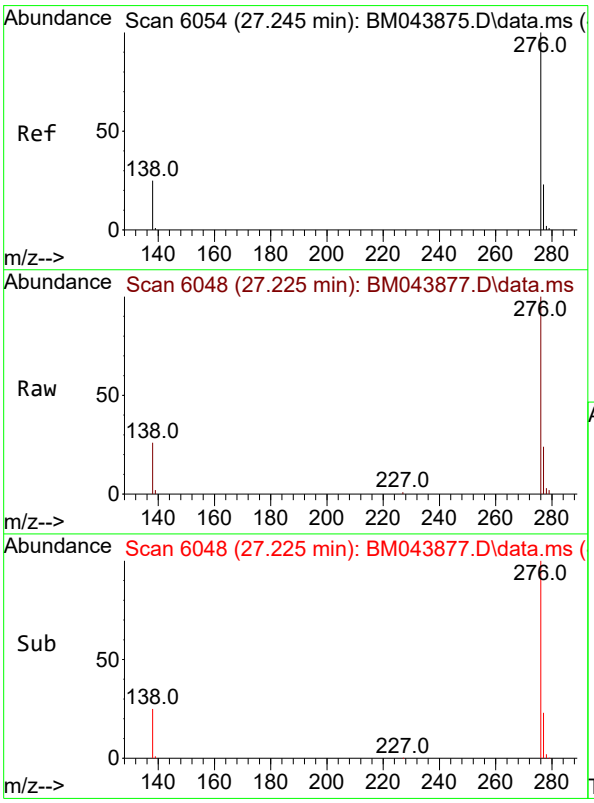
#28
Dibenzo(a,h)anthracene
Concen: 1.799 ng/ul
RT: 26.484 min Scan# 5
Delta R.T. -0.027 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:278 Resp: 58126

Ion	Ratio	Lower	Upper
278	100		
139	20.8	21.1	31.7#
279	25.1	25.8	38.6#





#29
Benzo(g,h,i)perylene
Concen: 1.845 ng/ul
RT: 27.225 min Scan# 6048
Delta R.T. -0.020 min
Lab File: BM043877.D
Acq: 19 Jan 2024 18:08

Tgt Ion:276 Resp: 64349

Ion	Ratio	Lower	Upper
276	100		
138	26.3	24.0	36.0
277	23.9	20.6	31.0