Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071923\
Data File : BM040961.D
Acq On : 19 Jul 2023 18:14
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4186

Quant Time: Jul 20 04:59:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 04:54:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	3147	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	11022	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.527	164	5803	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	11127	0.400	ng/ul	0.00
17) Chrysene-d12	21.475	240	15532	0.400	ng/ul	0.00
23) Perylene-d12	23.871	264	13285	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	1997	0.404	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	6118	0.396	ng/ul	0.00
18) Fluoranthene-d10	19.311	212	21308	0.428	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	2128	0.423	ng/ul#	91
5) Naphthalene	10.730	128	12338	0.406	ng/ul	100
7) 2-Methylnaphthalene	12.352	142	6935	0.388	ng/ul	97
8) 1-Methylnaphthalene	12.566	142	7401	0.415	ng/ul	98
10) Acenaphthylene	14.250	152	9881	0.381	ng/ul	99
11) Acenaphthene	14.587	153	8700	0.397	ng/ul	99
12) Fluorene	15.582	166	9046	0.387	ng/ul	100
14) Pentachlorophenol	16.961	266	995	0.464	ng/ul	99
15) Phenanthrene	17.325	178	13420	0.388	ng/ul	100
16) Anthracene	17.417	178	10661	0.367	ng/ul	99
19) Fluoranthene	19.343	202	26456	0.401	ng/ul	95
20) Pyrene	19.706	202	28891	0.408	ng/ul	96
21) Benzo(a)anthracene	21.457	228	20076	0.382	ng/ul	99
22) Chrysene	21.510	228	21935	0.366	ng/ul	100
24) Benzo(b)fluoranthene	23.141	252	19989	0.389	ng/ul	95
25) Benzo(k)fluoranthene	23.187	252	19874	0.392	ng/ul	95
26) Benzo(a)pyrene	23.769	252	17231	0.372	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.351	276	12150	0.188	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.374	278	9275	0.184	ng/ul	98
29) Benzo(g,h,i)perylene	27.112	276	11134	0.197	ng/ul	99

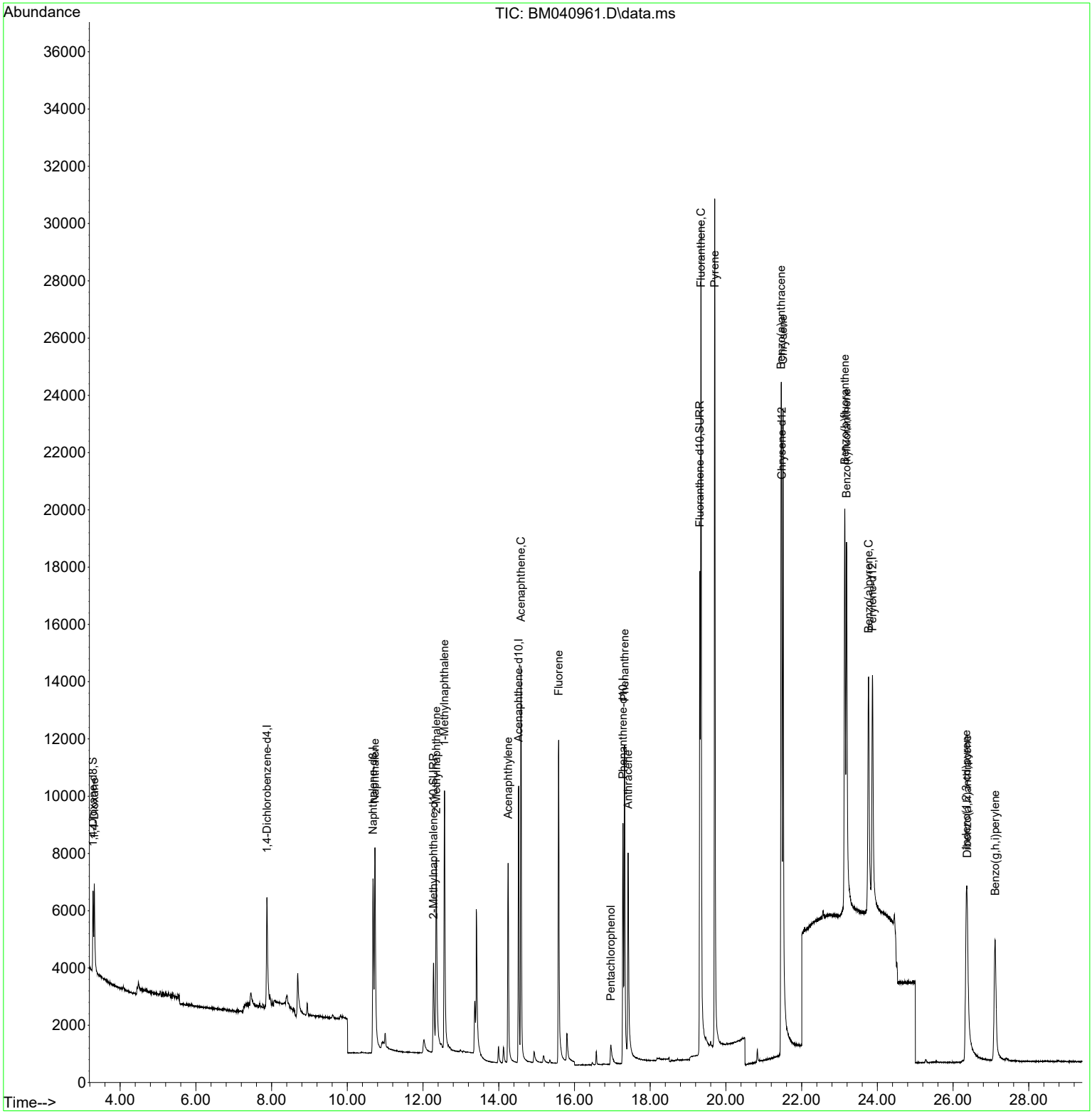
(#) = qualifier out of range (m) = manual integration (+) = signals summed

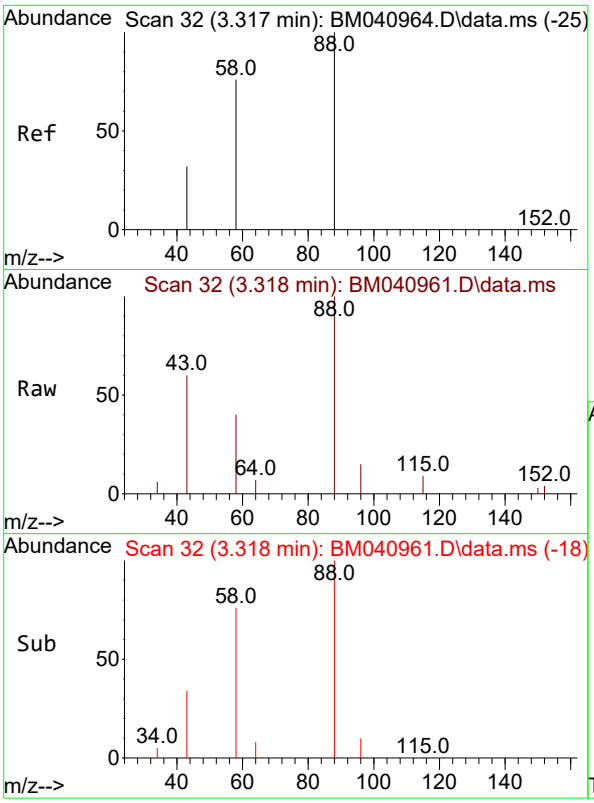
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071923\
Data File : BM040961.D
Acq On : 19 Jul 2023 18:14
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4186

Quant Time: Jul 20 04:59:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 04:54:10 2023
Response via : Initial Calibration



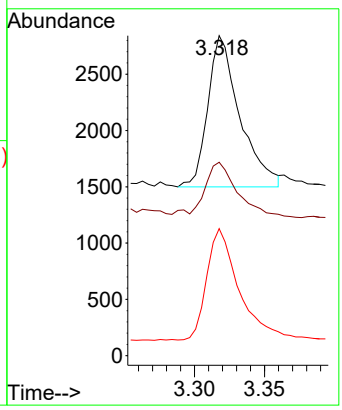


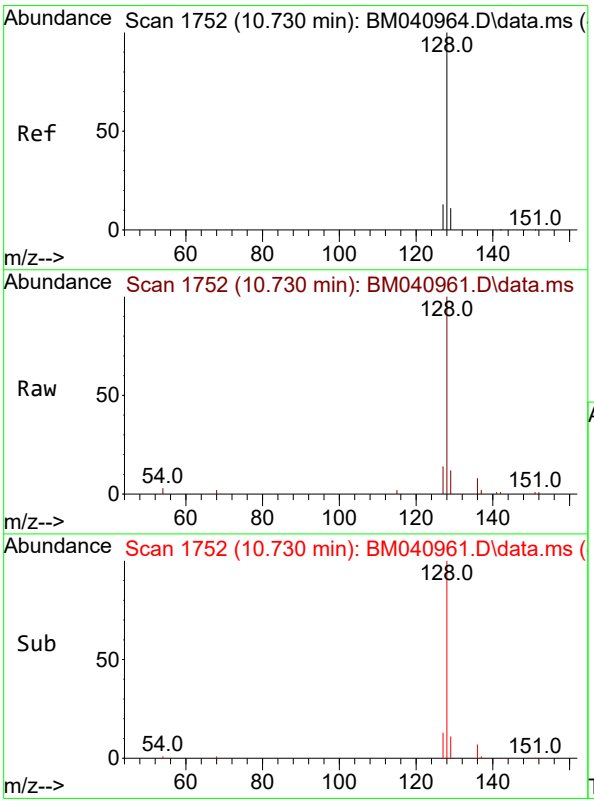
#2
1,4-Dioxane
Concen: 0.423 ng/ul
RT: 3.318 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Instrument :
BNA_M
ClientSampleId :
SSTD0.4186

Tgt Ion: 88 Resp: 2128

Ion	Ratio	Lower	Upper
88	100		
43	60.5	46.7	70.1
58	39.7	40.3	60.5#

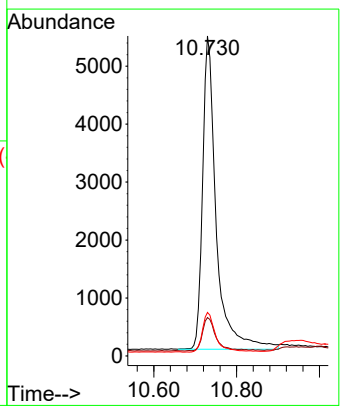


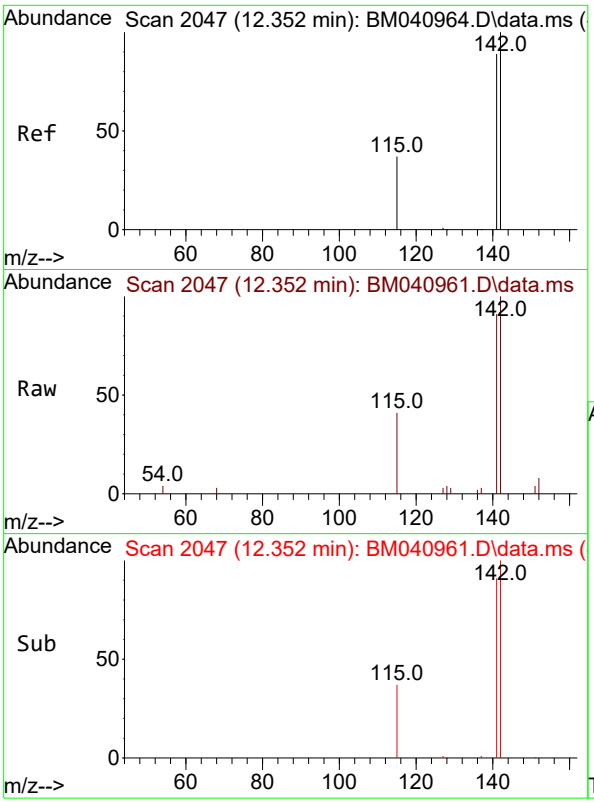


#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.730 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Tgt Ion:128 Resp: 12338

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.8
127	13.6	11.0	16.4



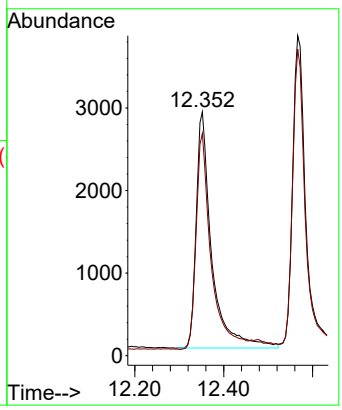


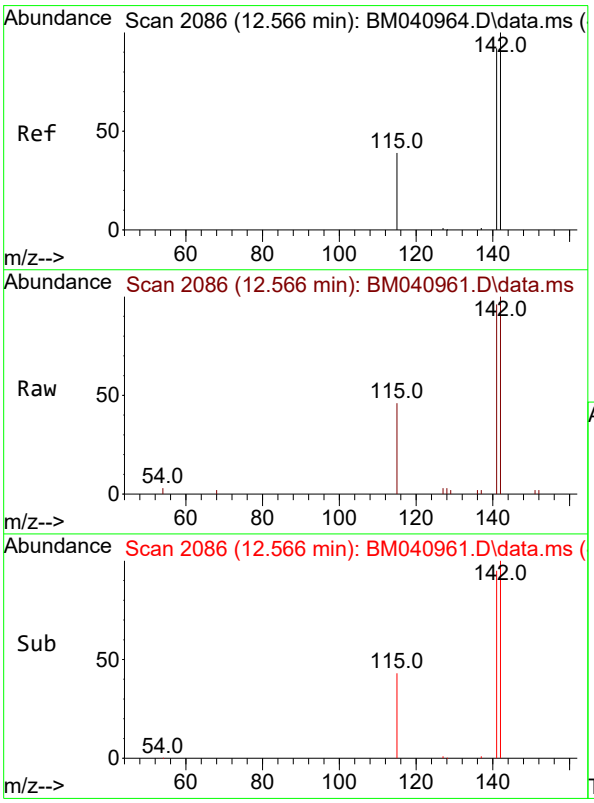
#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.352 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Instrument :
BNA_M
ClientSampleId :
SSTD0.4186

Tgt Ion:142 Resp: 6935

Ion	Ratio	Lower	Upper
142	100		
141	94.3	73.2	109.8

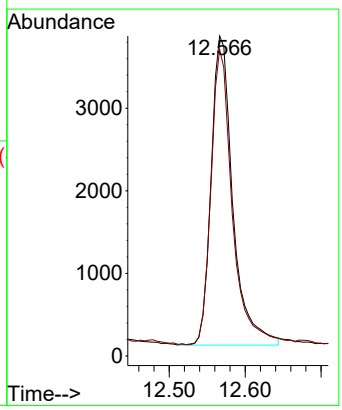


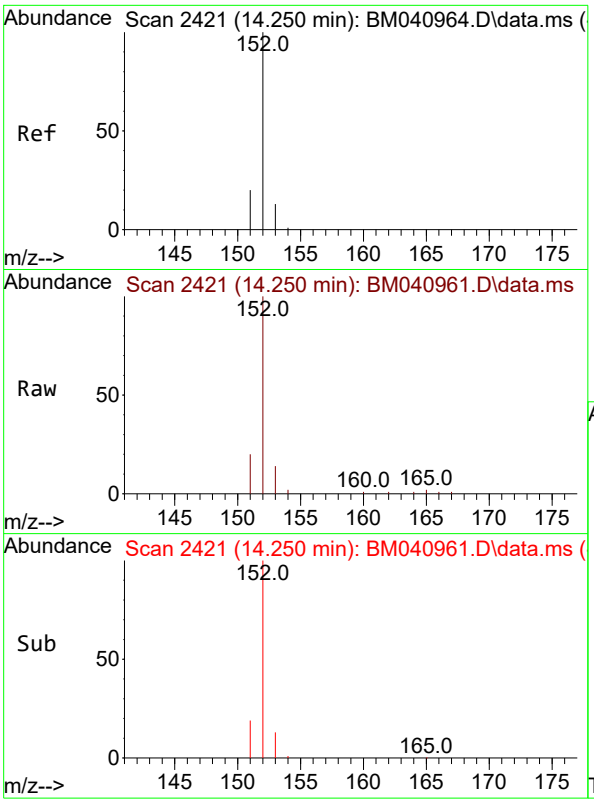


#8
1-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.566 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Tgt Ion:142 Resp: 7401

Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.4	110.2



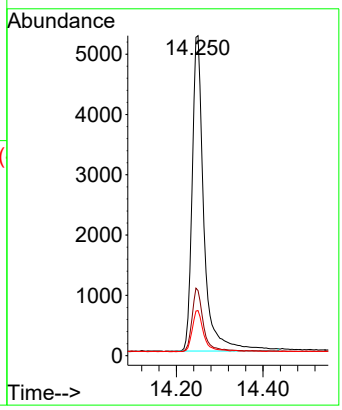


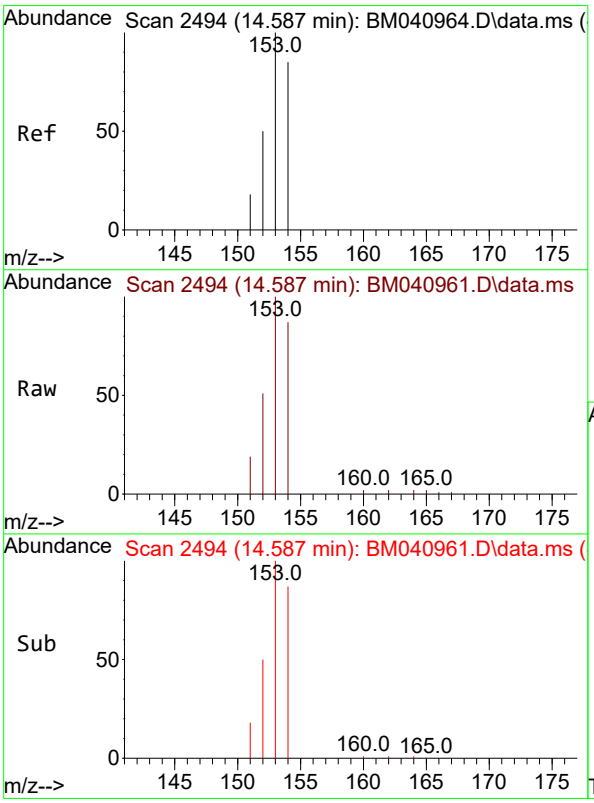
#10
Acenaphthylene
Concen: 0.381 ng/ul
RT: 14.250 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Instrument :
BNA_M
ClientSampleId :
SSTD0.4186

Tgt Ion:152 Resp: 9881

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	14.1	11.6	17.4

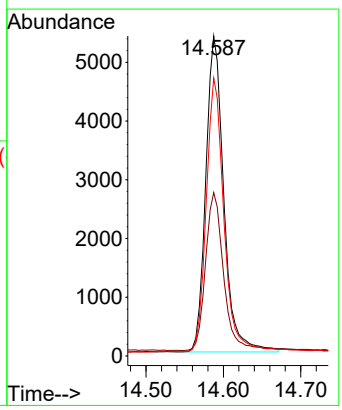


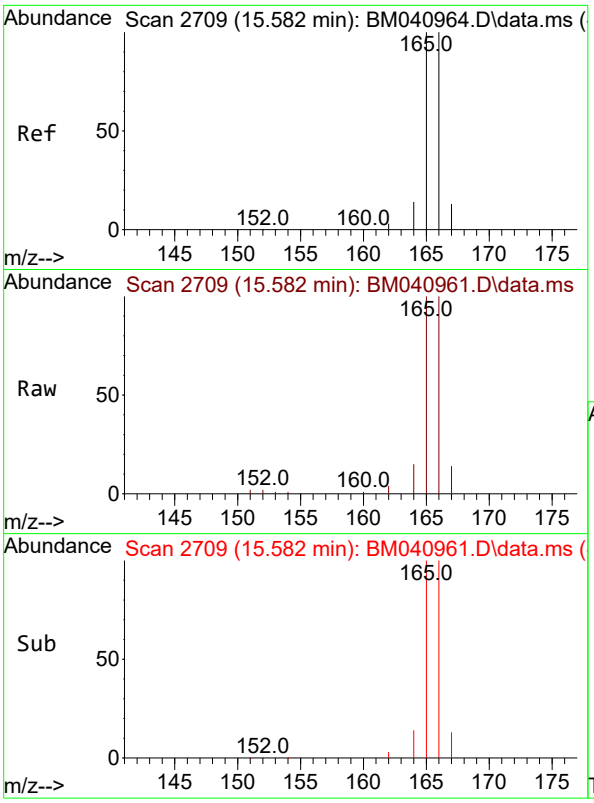


#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.587 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Tgt Ion:153 Resp: 8700

Ion	Ratio	Lower	Upper
153	100		
152	51.1	41.0	61.6
154	86.9	68.2	102.2



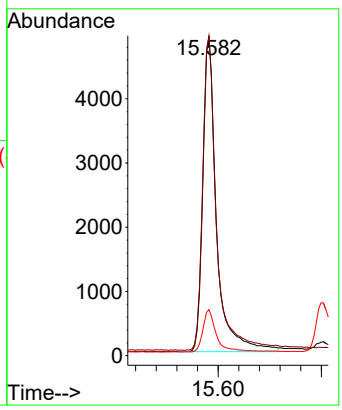


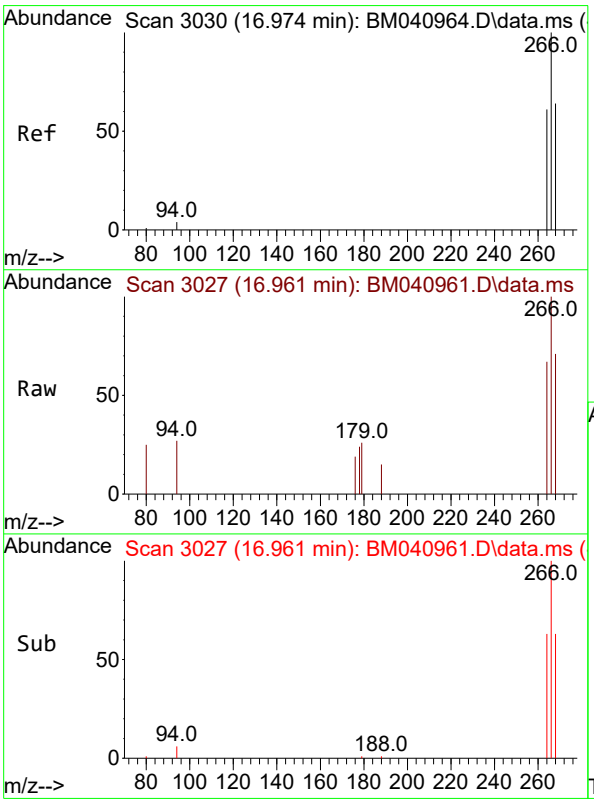
#12
Fluorene
Concen: 0.387 ng/ul
RT: 15.582 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Instrument :
BNA_M
ClientSampleId :
SSTD0.4186

Tgt Ion:166 Resp: 9046

Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.3	120.5
167	14.4	11.7	17.5

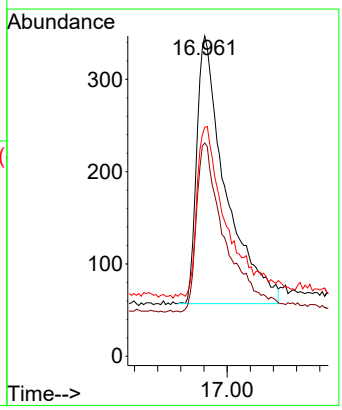


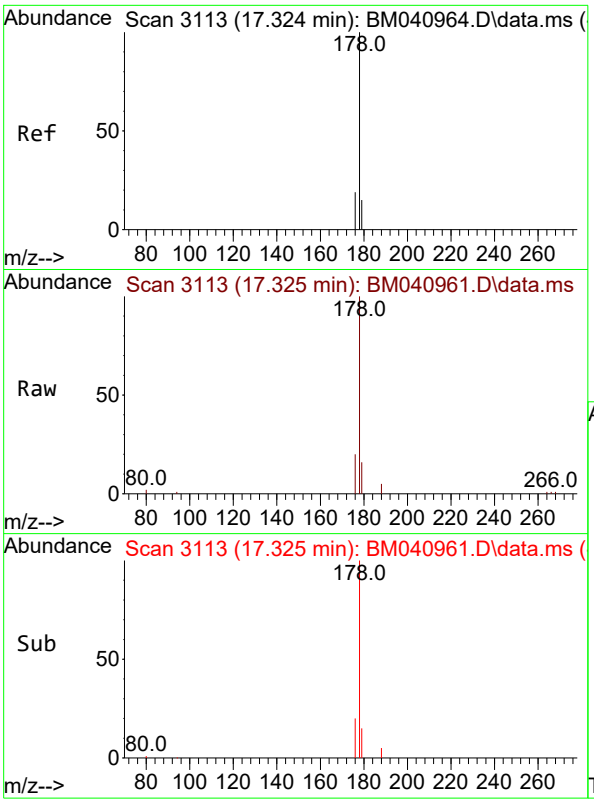


#14
Pentachlorophenol
Concen: 0.464 ng/ul
RT: 16.961 min Scan# 3027
Delta R.T. -0.012 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Tgt Ion:266 Resp: 995

Ion	Ratio	Lower	Upper
266	100		
264	63.7	50.7	76.1
268	64.8	52.8	79.2



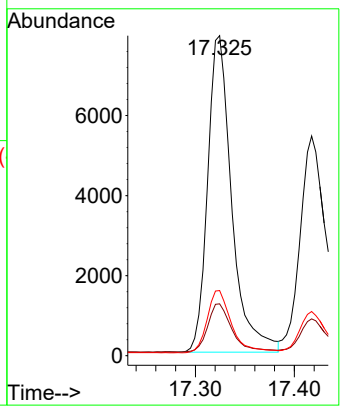


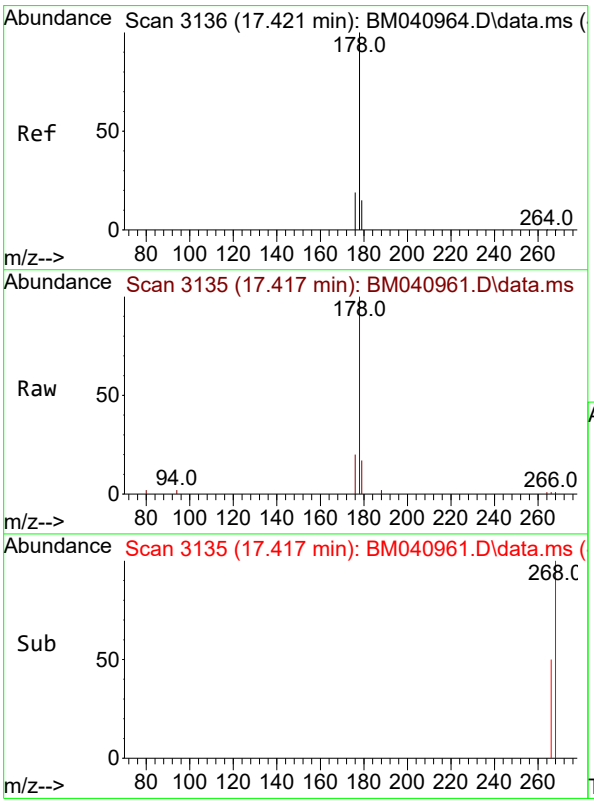
#15
Phenanthrene
Concen: 0.388 ng/ul
RT: 17.325 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Instrument :
BNA_M
ClientSampleId :
SSTD0.4186

Tgt Ion:178 Resp: 13420

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.6
176	20.3	16.2	24.4

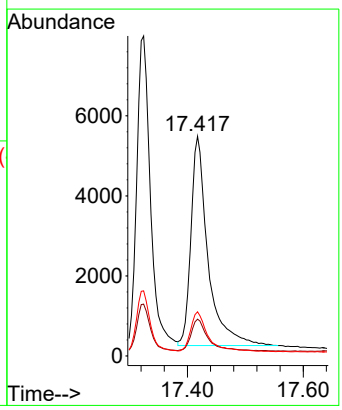


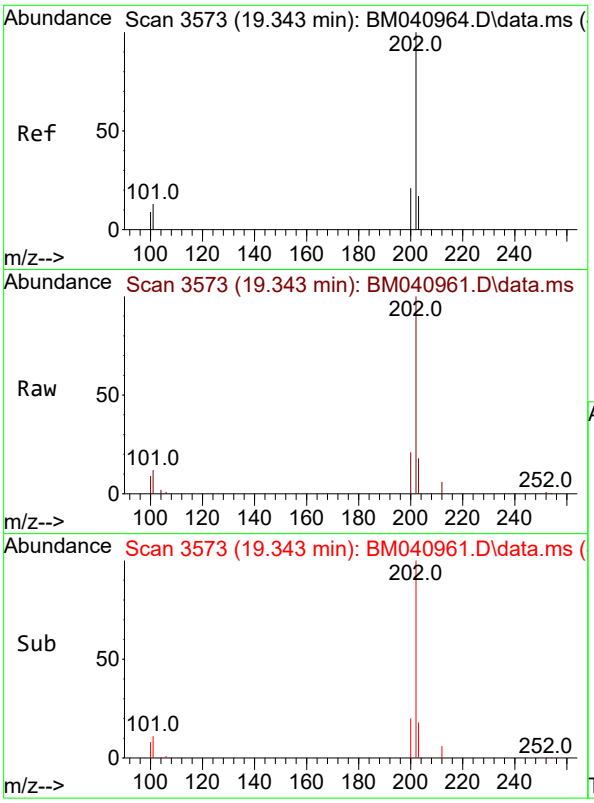


#16
Anthracene
Concen: 0.367 ng/ul
RT: 17.417 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Tgt Ion:178 Resp: 10661

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.7	20.5
176	20.1	16.4	24.6



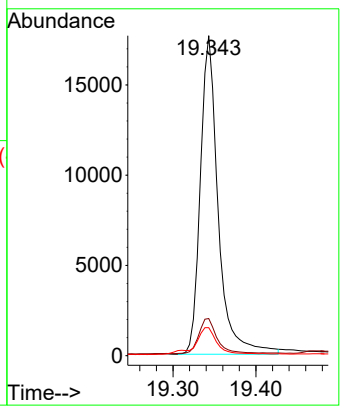


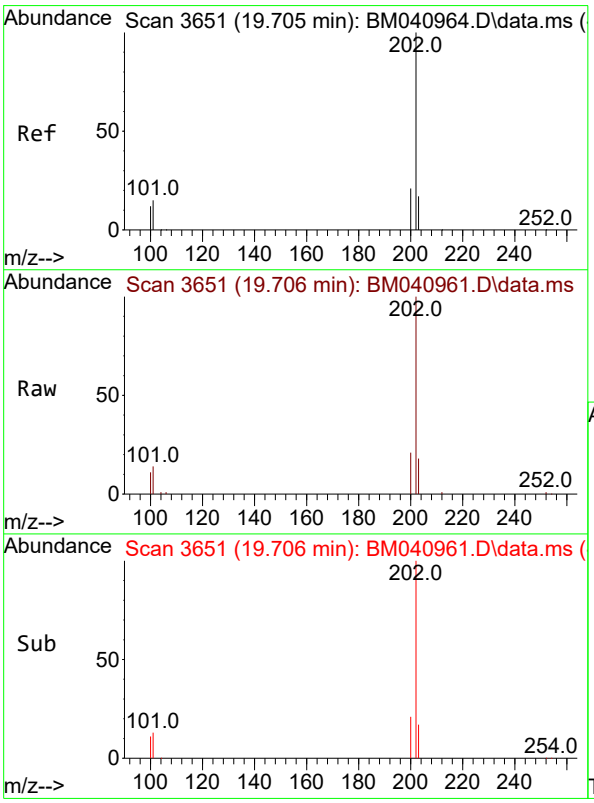
#19
Fluoranthene
Concen: 0.401 ng/ul
RT: 19.343 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Instrument :
BNA_M
ClientSampleId :
SSTD0.4186

Tgt Ion:202 Resp: 26456

Ion	Ratio	Lower	Upper
202	100		
101	11.6	11.0	16.4
100	8.8	8.3	12.5

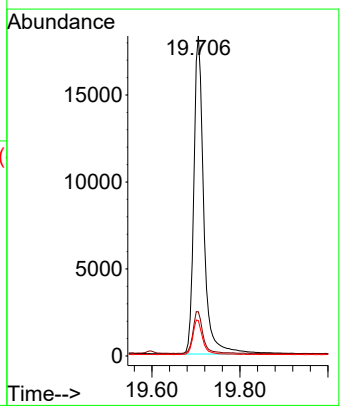


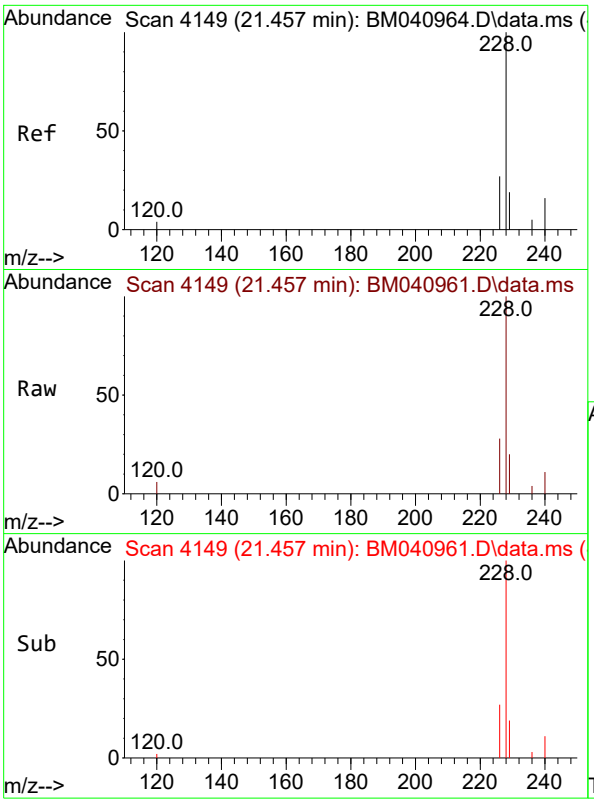


#20
Pyrene
Concen: 0.408 ng/ul
RT: 19.706 min Scan# 3651
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Tgt Ion:202 Resp: 28891

Ion	Ratio	Lower	Upper
202	100		
101	13.8	12.5	18.7
100	11.0	10.0	15.0



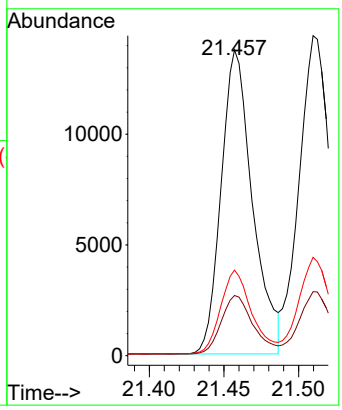


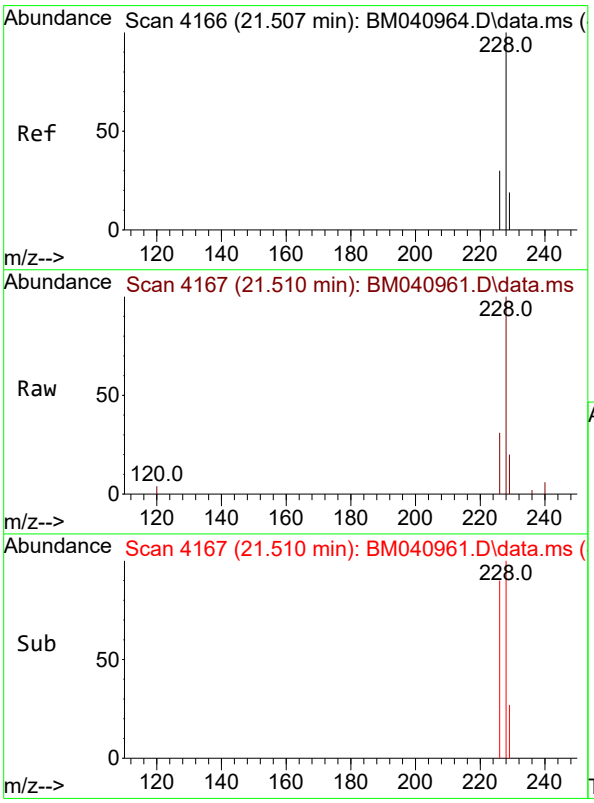
#21
Benzo(a)anthracene
Concen: 0.382 ng/ul
RT: 21.457 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Instrument :
BNA_M
ClientSampleId :
SSTD0.4186

Tgt Ion:228 Resp: 20076

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.2	24.4
226	28.0	22.3	33.5

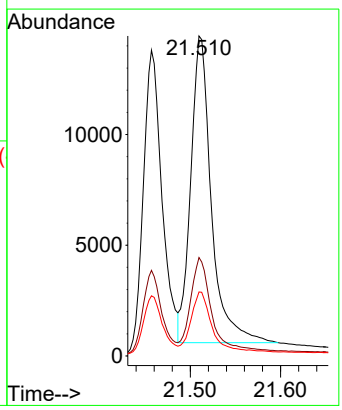


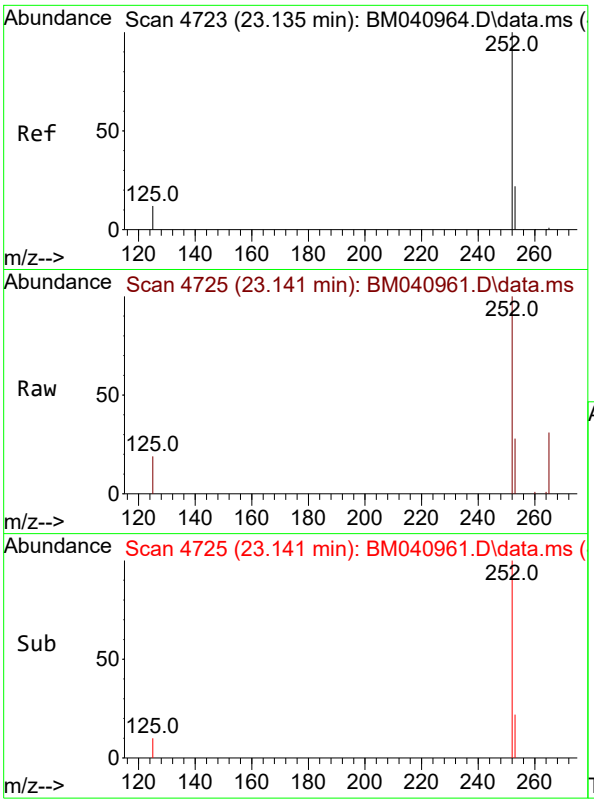


#22
Chrysene
Concen: 0.366 ng/ul
RT: 21.510 min Scan# 4167
Delta R.T. 0.003 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Tgt Ion:228 Resp: 21935

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	20.0	16.1	24.1



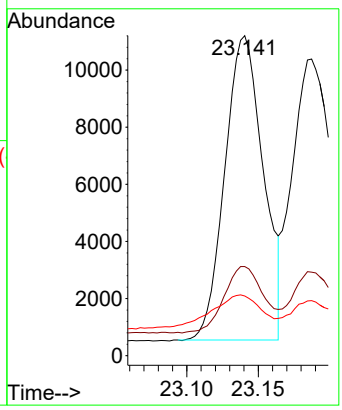


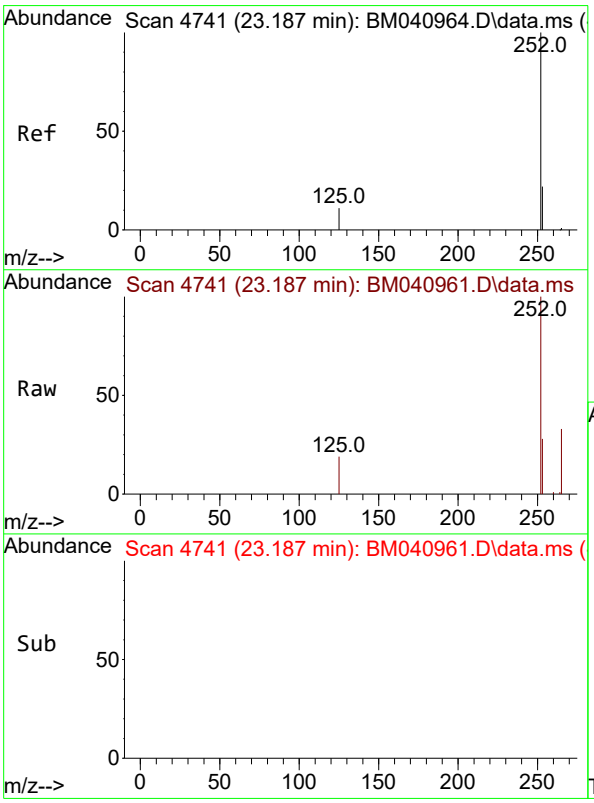
#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 23.141 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Instrument :
BNA_M
ClientSampleId :
SSTD0.4186

Tgt Ion:252 Resp: 19989

Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	57.4
125	18.6	0.0	45.2

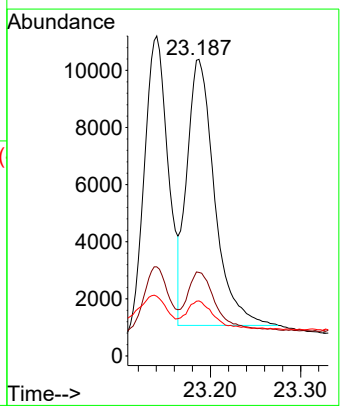


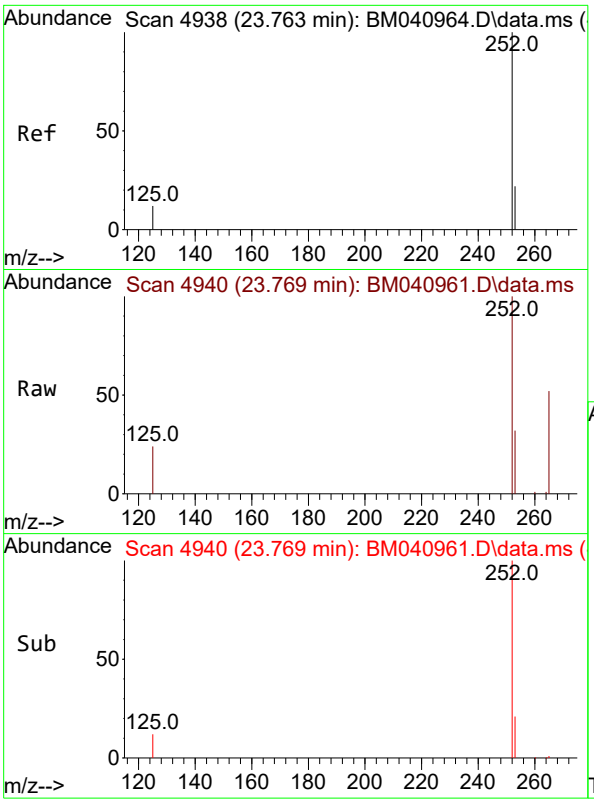


#25
Benzo(k)fluoranthene
Concen: 0.392 ng/ul
RT: 23.187 min Scan# 4741
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Tgt Ion:252 Resp: 19874

Ion	Ratio	Lower	Upper
252	100		
253	28.2	23.3	34.9
125	18.6	18.2	27.2



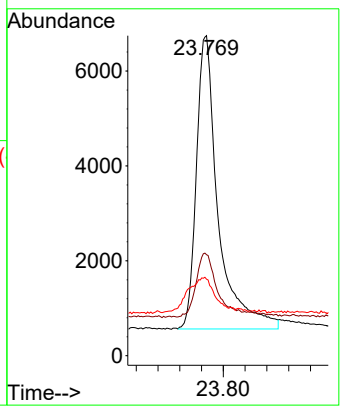


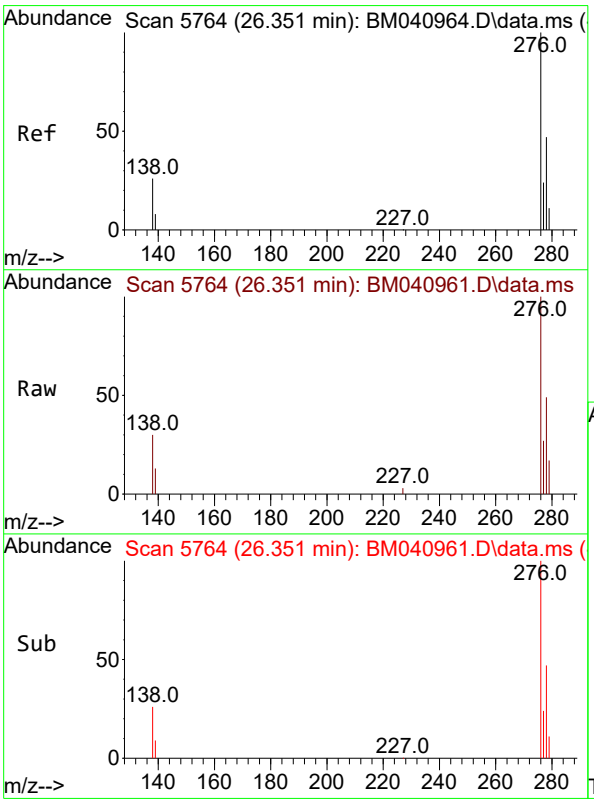
#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.769 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Instrument :
BNA_M
ClientSampleId :
SSTD0.4186

Tgt Ion:252 Resp: 17231

Ion	Ratio	Lower	Upper
252	100		
253	31.5	28.2	42.2
125	23.9	25.2	37.8#

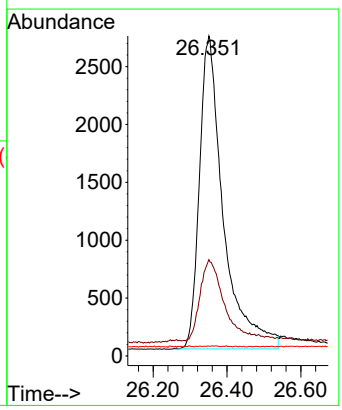


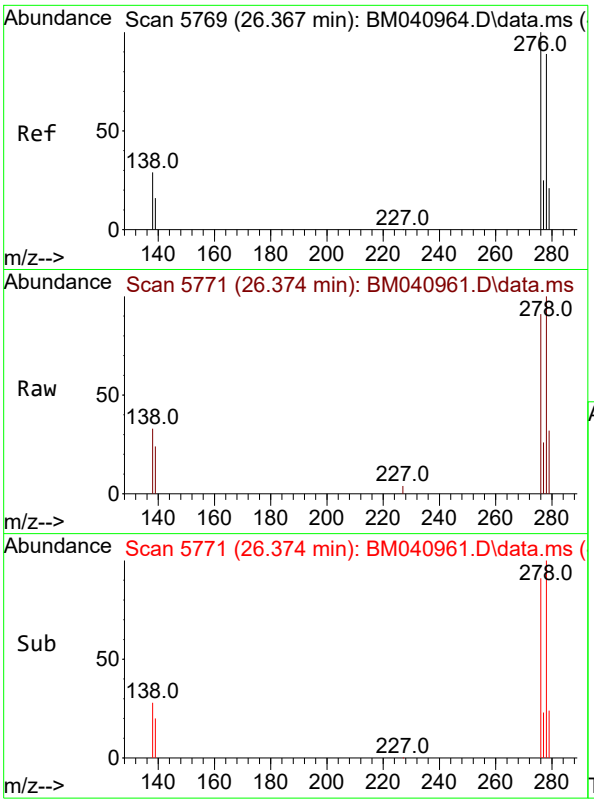


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.188 ng/ul
RT: 26.351 min Scan# 5764
Delta R.T. 0.000 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Tgt Ion:276 Resp: 12150

Ion	Ratio	Lower	Upper
276	100		
138	27.0	22.3	33.5
227	0.0	0.0	0.0#



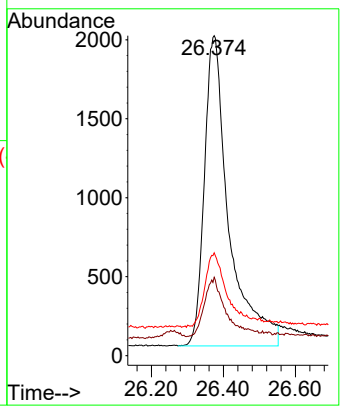


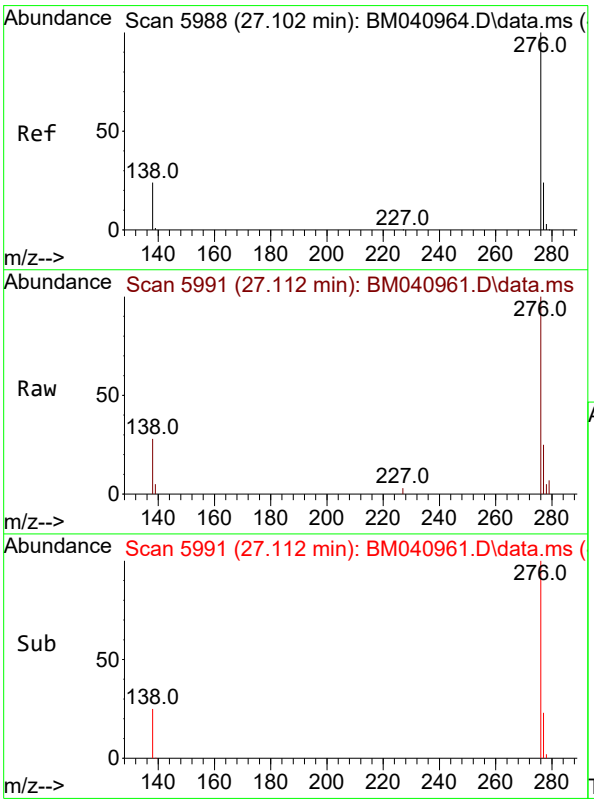
#28
Dibenzo(a,h)anthracene
Concen: 0.184 ng/ul
RT: 26.374 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Instrument :
BNA_M
ClientSampleId :
SSTD0.4186

Tgt Ion:278 Resp: 9275

Ion	Ratio	Lower	Upper
278	100		
139	24.5	19.2	28.8
279	32.1	27.0	40.6





#29
Benzo(g,h,i)perylene
Concen: 0.197 ng/ul
RT: 27.112 min Scan# 5991
Delta R.T. 0.010 min
Lab File: BM040961.D
Acq: 19 Jul 2023 18:14

Tgt Ion:276 Resp: 11134

Ion	Ratio	Lower	Upper
276	100		
138	28.2	22.6	34.0
277	25.2	21.2	31.8