Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053023\
Data File : BM040071.D
Acq On : 31 May 2023 00:43
Operator : CG/JU
Sample : 02961-11MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0FQ2MS

Quant Time: May 31 02:04:24 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 30 14:54:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.008	152	5558	0.400	ng/ul	0.00
4) Naphthalene-d8	10.822	136	18073	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.642	164	8054	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.387	188	14478	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	5985	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	5399	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	24236	3.745	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.406	152	7415	0.336	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	10392	0.577	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.418	88	4172	0.613	ng/ul	98
5) Naphthalene	10.872	128	15989	0.362	ng/ul	100
7) 2-Methylnaphthalene	12.477	142	9167	0.344	ng/ul	99
8) 1-Methylnaphthalene	12.697	142	9407	0.340	ng/ul	99
10) Acenaphthylene	14.364	152	11514	0.359	ng/ul	99
11) Acenaphthene	14.702	153	9979	0.382	ng/ul	98
12) Fluorene	15.687	166	10633	0.391	ng/ul	98
14) Pentachlorophenol	17.033	266	2087	0.711	ng/ul	98
15) Phenanthrene	17.425	178	16734	0.408	ng/ul	99
16) Anthracene	17.518	178	12273	0.357	ng/ul	99
19) Fluoranthene	19.440	202	15404	0.572	ng/ul	100
20) Pyrene	19.803	202	14748	0.540	ng/ul	99
21) Benzo(a)anthracene	21.547	228	9157	0.454	ng/ul	99
22) Chrysene	21.600	228	10002	0.467	ng/ul	99
24) Benzo(b)fluoranthene	23.260	252	9774	0.456	ng/ul	95
25) Benzo(k)fluoranthene	23.307	252	9479	0.439	ng/ul#	93
26) Benzo(a)pyrene	23.897	252	7232	0.403	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.548	276	11291	0.437	ng/ul	97
28) Dibenzo(a,h)anthracene	26.571	278	9099	0.436	ng/ul	97
29) Benzo(g,h,i)perylene	27.326	276	9577	0.453	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053023\
Data File : BM040071.D
Acq On : 31 May 2023 00:43
Operator : CG/JU
Sample : 02961-11MS
Misc :
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Instrument :
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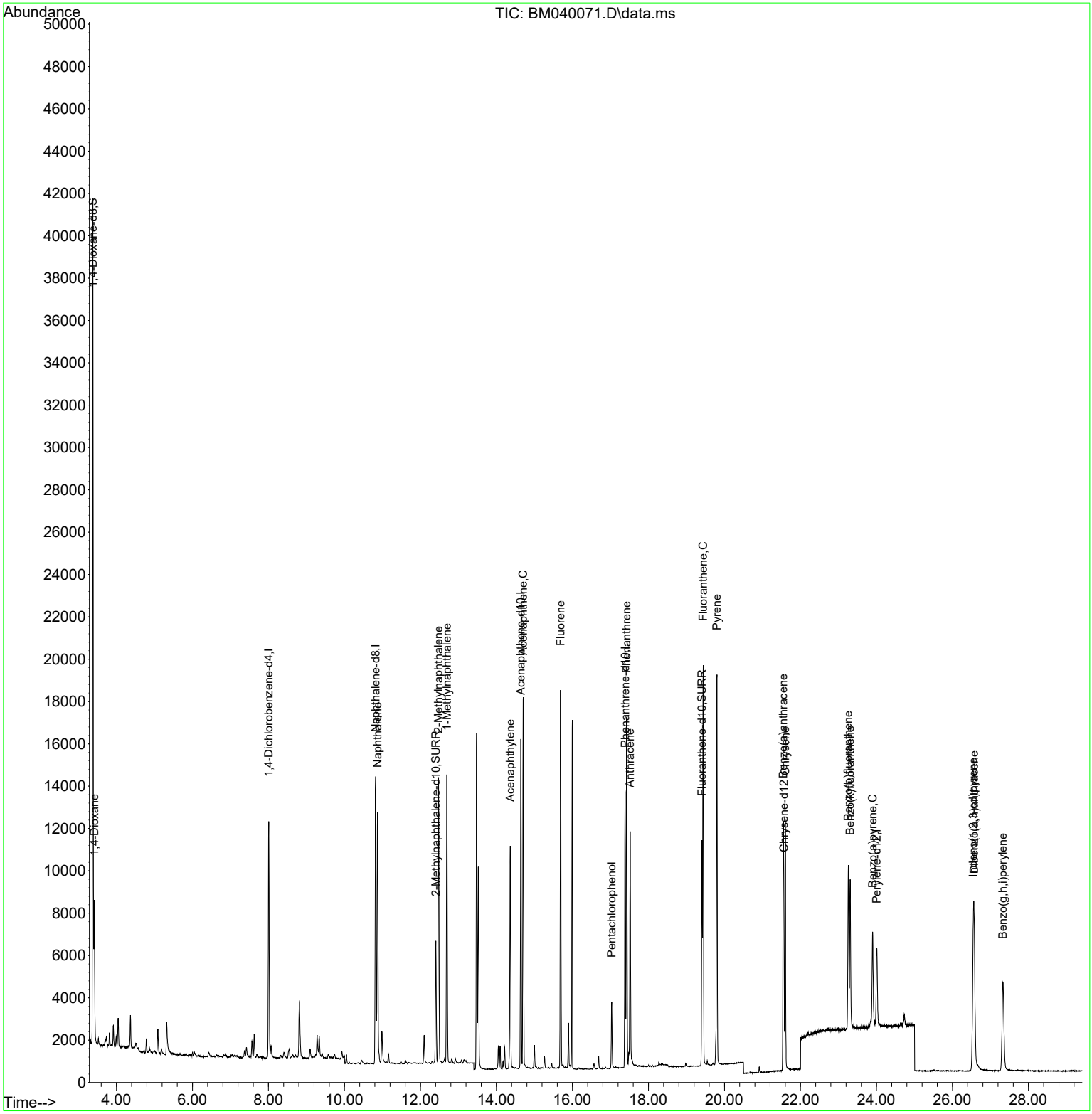
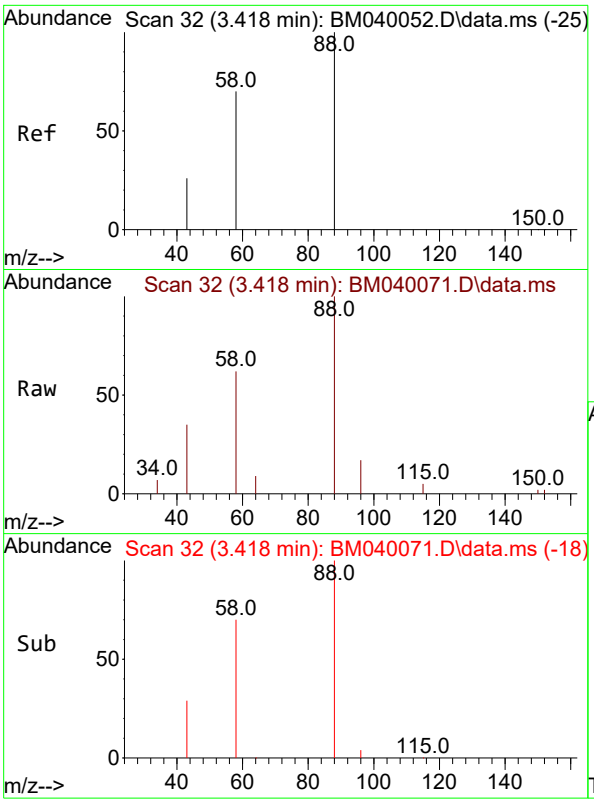
ClientSampleId :
H0FQ2MS

Quant Time: May 31 02:04:24 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 30 14:54:33 2023
Response via : Initial Calibration



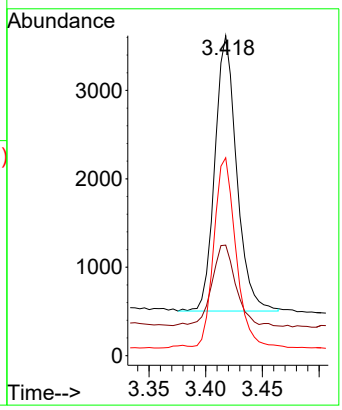


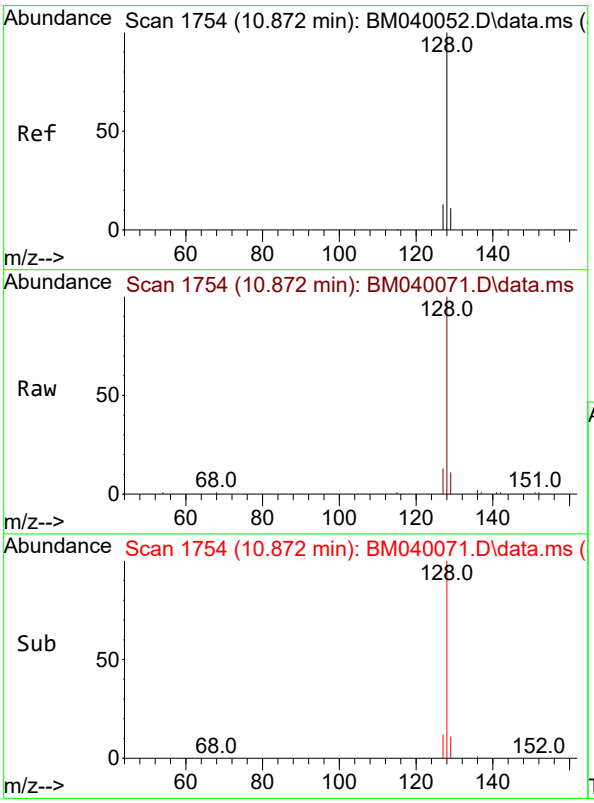
#2
1,4-Dioxane
Concen: 0.613 ng/ul
RT: 3.418 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Instrument :
BNA_M
ClientSampleId :
H0FQ2MS

Tgt Ion: 88 Resp: 4172

Ion	Ratio	Lower	Upper
88	100		
43	34.5	25.9	38.9
58	61.8	48.5	72.7

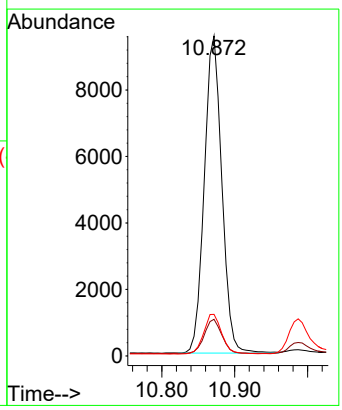


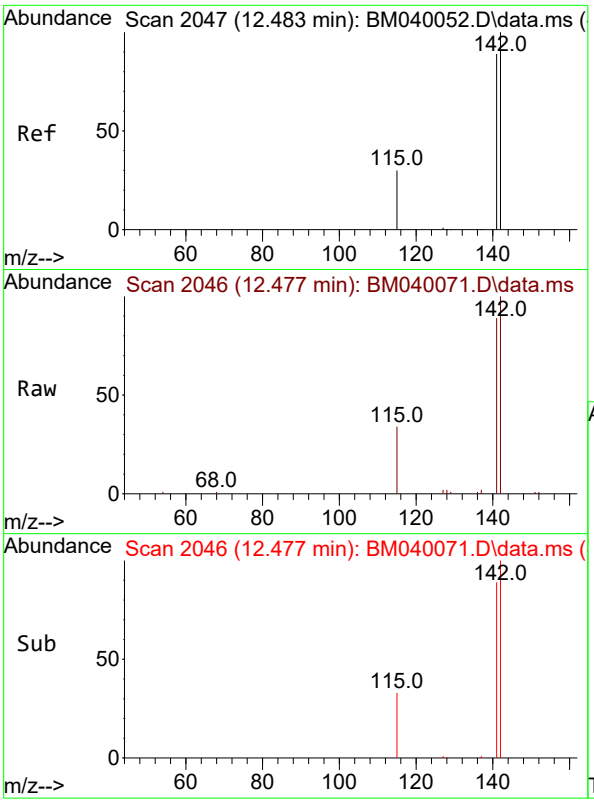


#5
Naphthalene
Concen: 0.362 ng/ul
RT: 10.872 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Tgt Ion:128 Resp: 15989

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.0	10.5	15.7



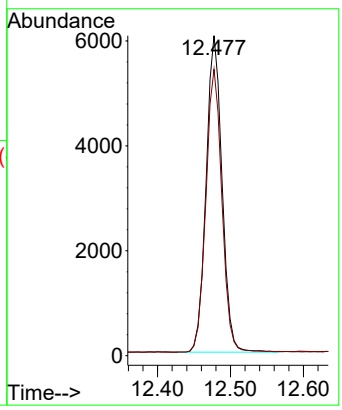


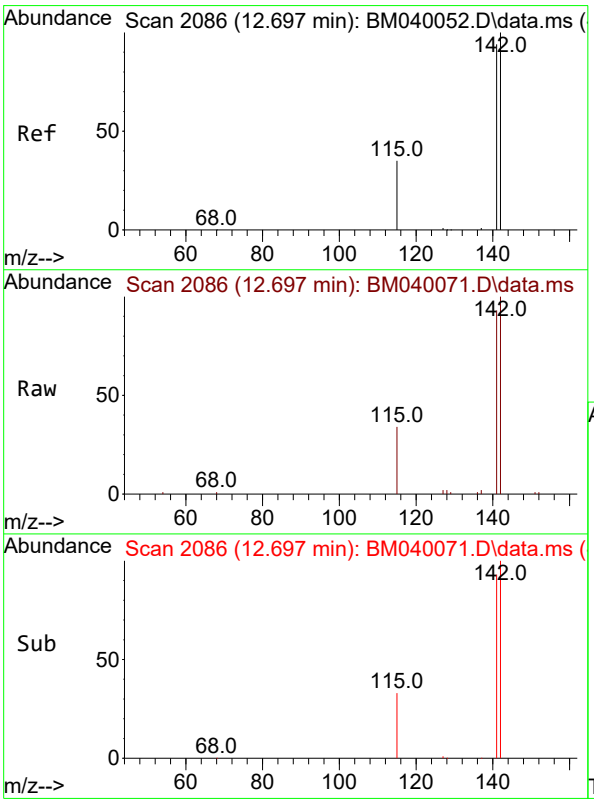
#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.477 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Instrument :
BNA_M
ClientSampleId :
H0FQ2MS

Tgt Ion:142 Resp: 9167

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.3	106.9

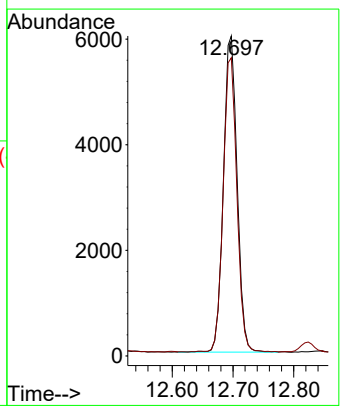


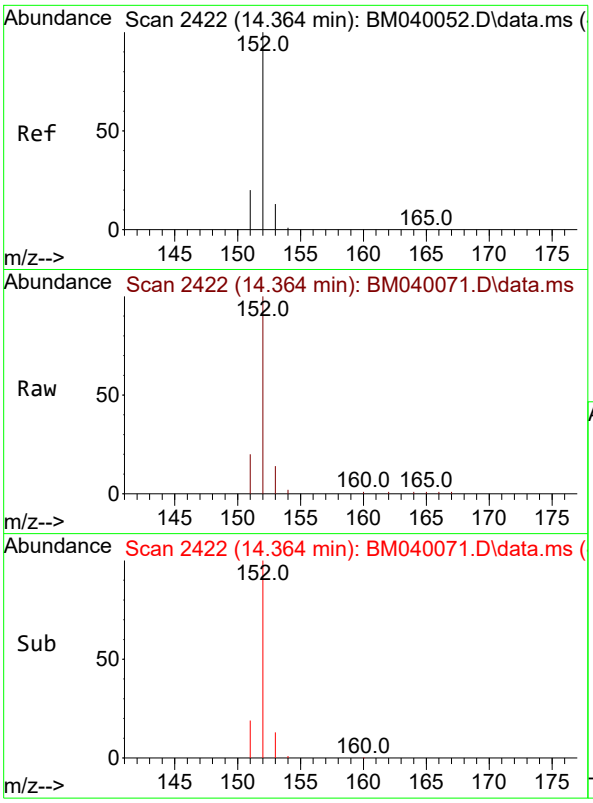


#8
1-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.697 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Tgt Ion:142 Resp: 9407

Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.8	110.6



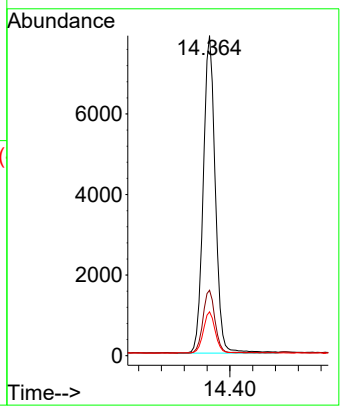


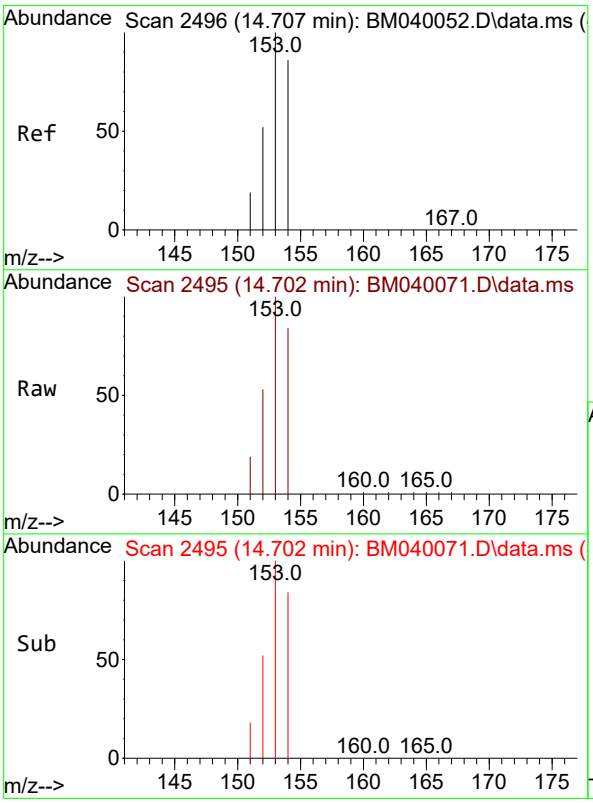
#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.364 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Instrument :
BNA_M
ClientSampleId :
H0FQ2MS

Tgt Ion:152 Resp: 11514

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.7	10.6	16.0

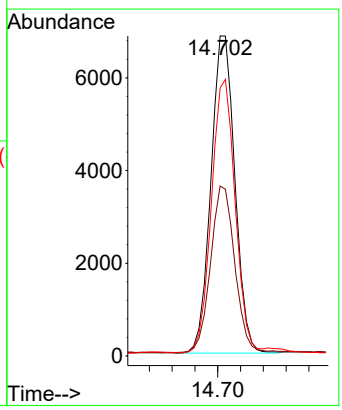


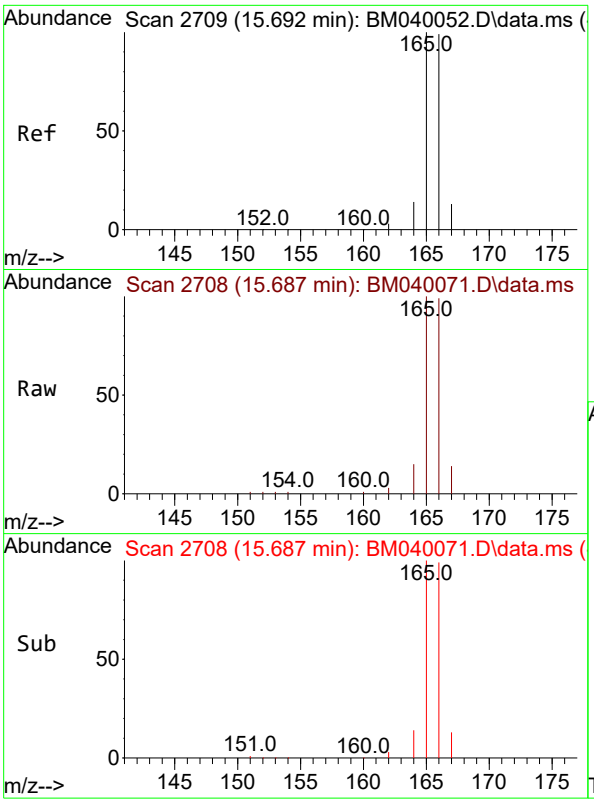


#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.702 min Scan# 2495
Delta R.T. -0.005 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Tgt Ion:153 Resp: 9979

Ion	Ratio	Lower	Upper
153	100		
152	53.1	42.0	63.0
154	83.7	69.4	104.2



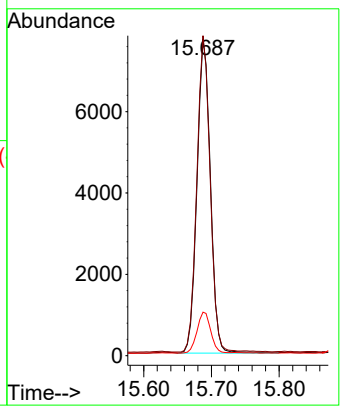


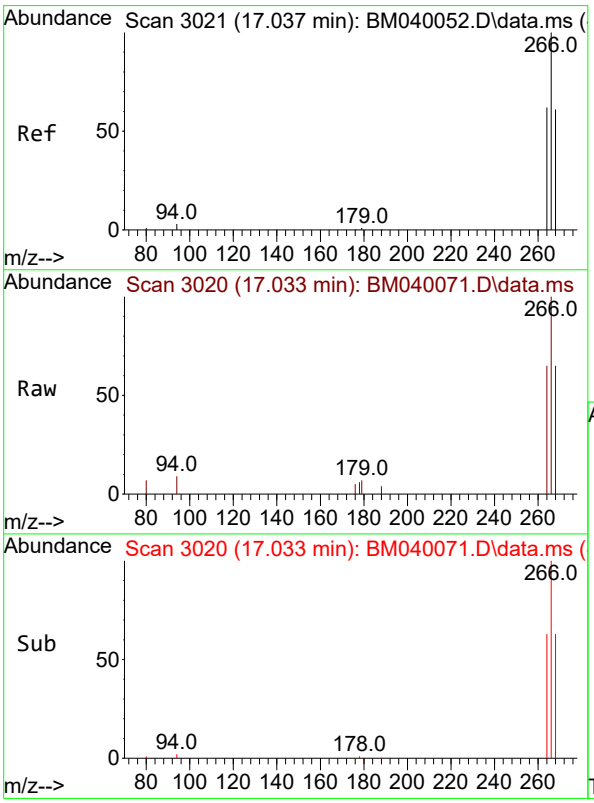
#12
Fluorene
Concen: 0.391 ng/ul
RT: 15.687 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Instrument :
BNA_M
ClientSampleId :
H0FQ2MS

Tgt Ion:166 Resp: 10633

Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.3	118.9
167	13.7	10.8	16.2

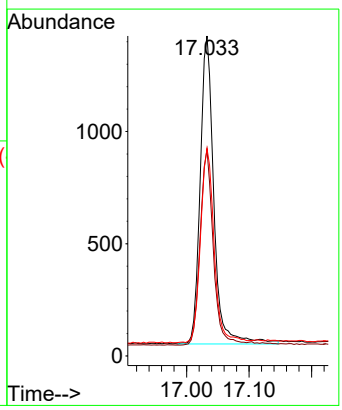


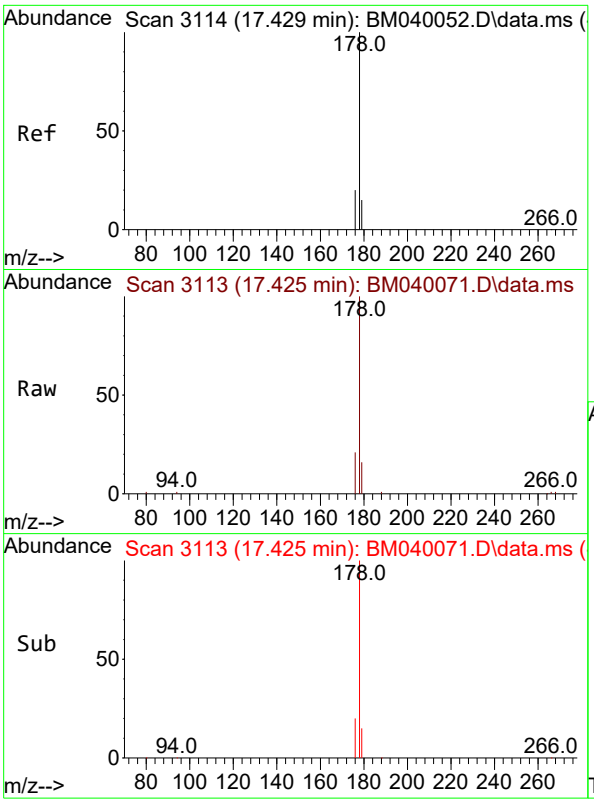


#14
Pentachlorophenol
Concen: 0.711 ng/ul
RT: 17.033 min Scan# 3020
Delta R.T. -0.004 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Tgt Ion:266 Resp: 2087

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.2	73.8
268	62.7	51.9	77.9



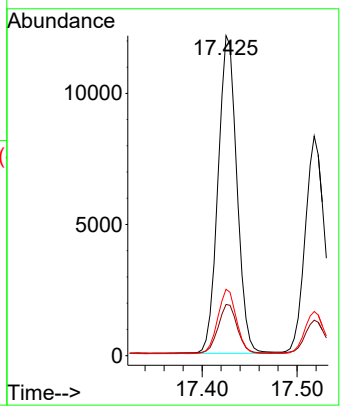


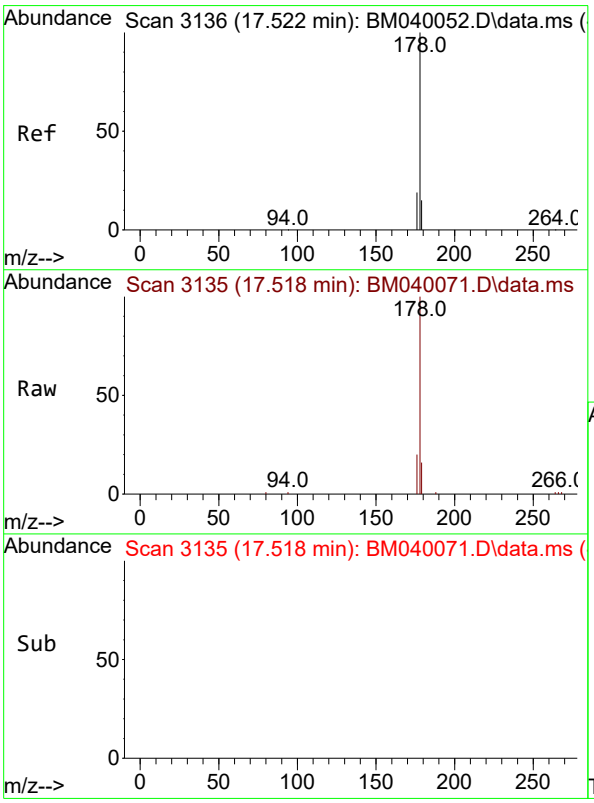
#15
Phenanthrene
Concen: 0.408 ng/ul
RT: 17.425 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Instrument :
BNA_M
ClientSampleId :
H0FQ2MS

Tgt Ion:178 Resp: 16734

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	20.7	16.3	24.5

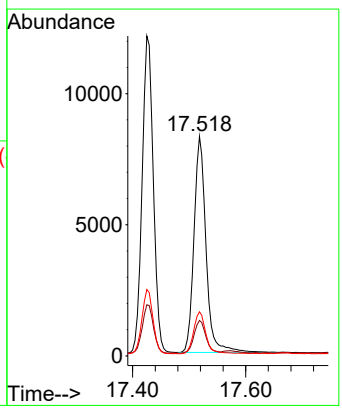


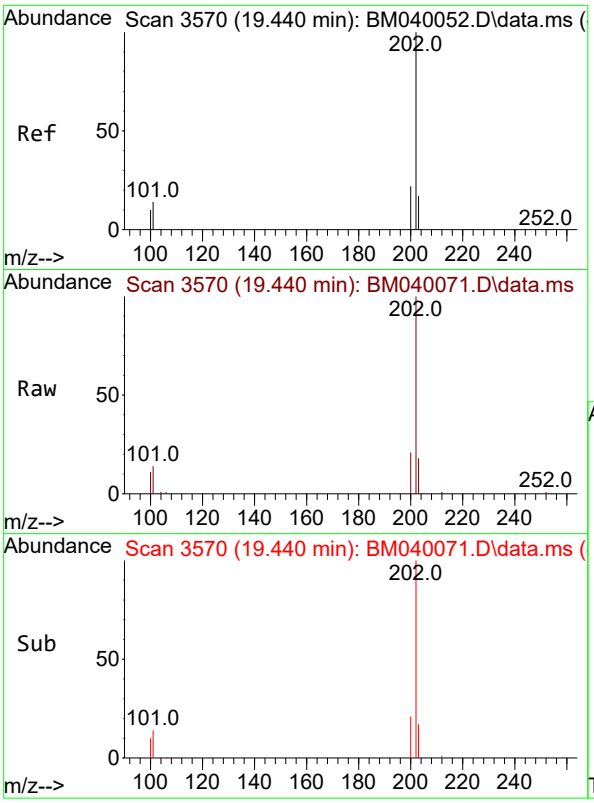


#16
Anthracene
Concen: 0.357 ng/ul
RT: 17.518 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Tgt Ion:178 Resp: 12273

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	20.1	15.5	23.3



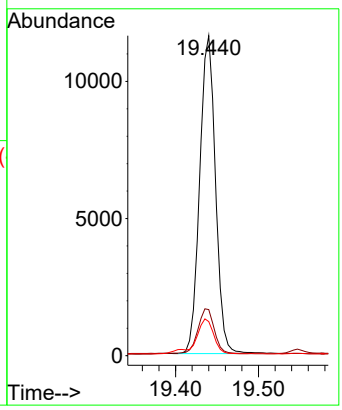


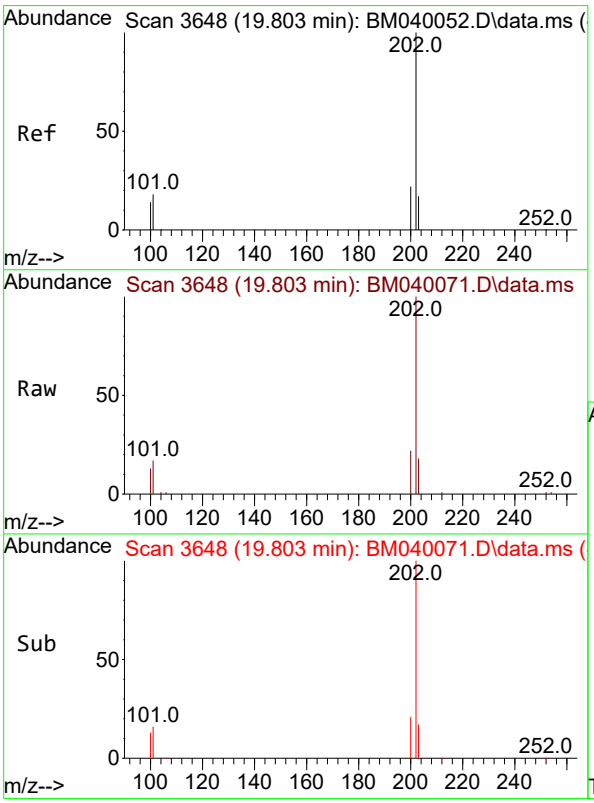
#19
Fluoranthene
Concen: 0.572 ng/ul
RT: 19.440 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Instrument :
BNA_M
ClientSampleId :
H0FQ2MS

Tgt Ion:202 Resp: 15404

Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.5	17.3
100	10.6	8.5	12.7

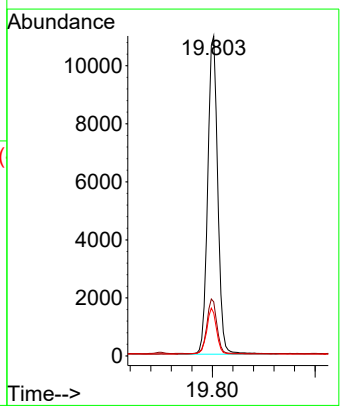


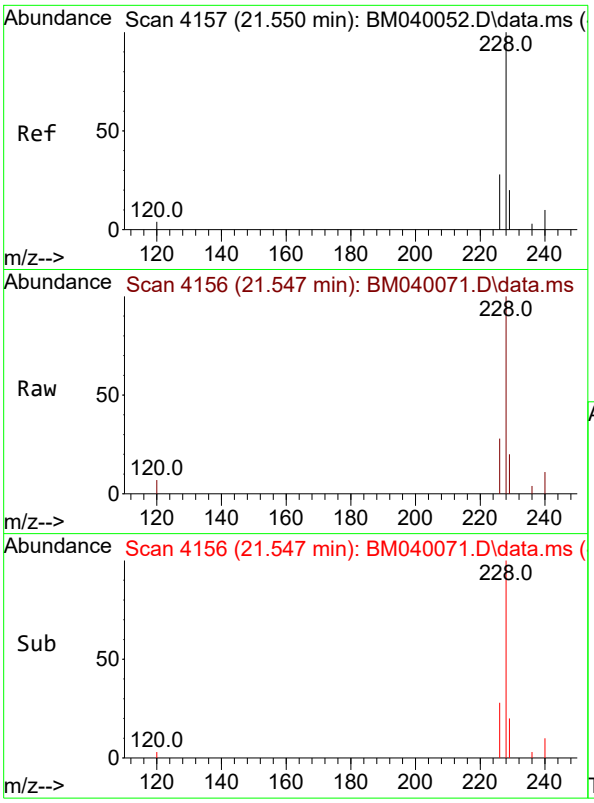


#20
Pyrene
Concen: 0.540 ng/ul
RT: 19.803 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Tgt Ion:202 Resp: 14748

Ion	Ratio	Lower	Upper
202	100		
101	16.9	13.3	19.9
100	13.4	10.9	16.3





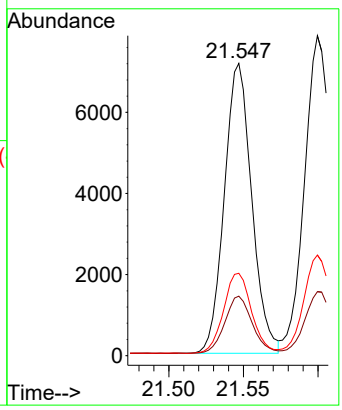
#21
Benzo(a)anthracene
Concen: 0.454 ng/ul
RT: 21.547 min Scan# 4

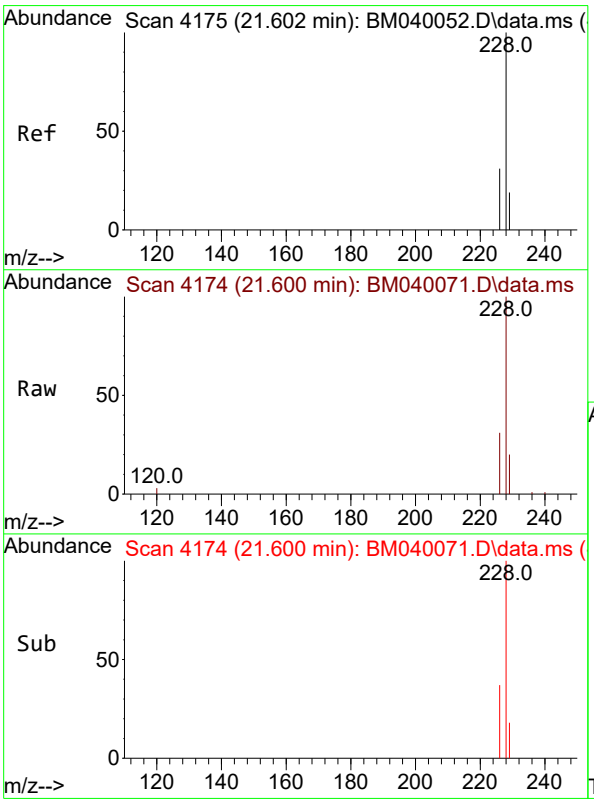
Instrument :
BNA_M
ClientSampleId :
H0FQ2MS

Delta R.T. -0.003 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Tgt Ion:228 Resp: 9157

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.6	23.4
226	28.2	22.5	33.7

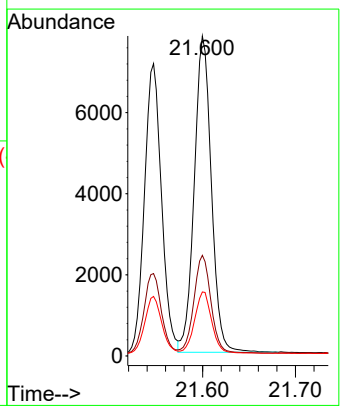


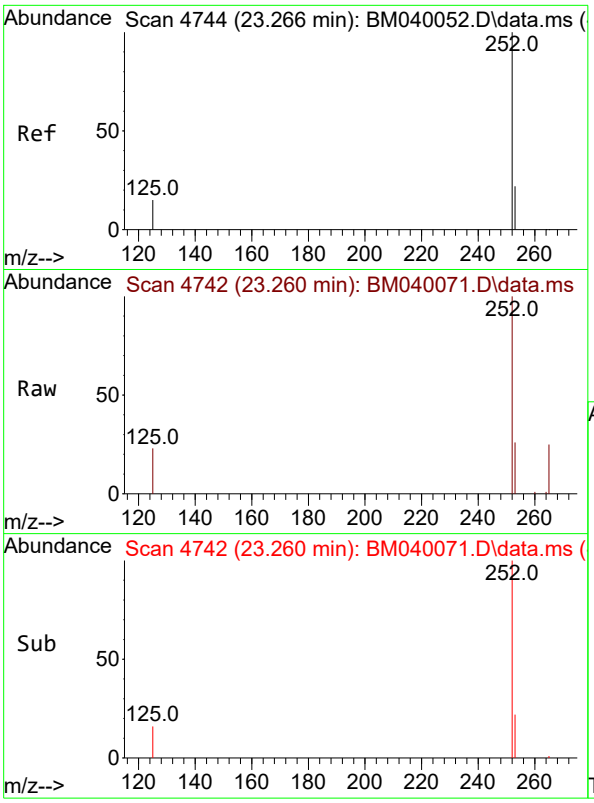


#22
Chrysene
Concen: 0.467 ng/ul
RT: 21.600 min Scan# 4174
Delta R.T. -0.003 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Tgt Ion:228 Resp: 10002

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.6	36.8
229	20.0	15.6	23.4



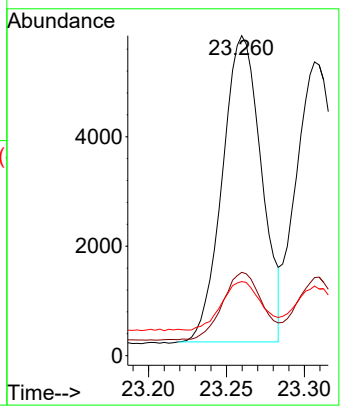


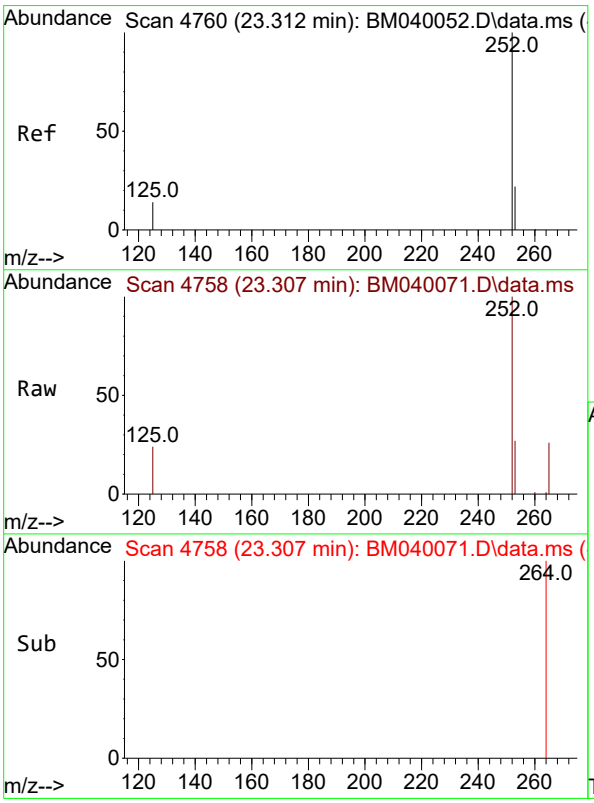
#24
Benzo(b)fluoranthene
Concen: 0.456 ng/ul
RT: 23.260 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Instrument :
BNA_M
ClientSampleId :
H0FQ2MS

Tgt Ion:252 Resp: 9774

Ion	Ratio	Lower	Upper
252	100		
253	26.0	0.0	49.8
125	23.2	0.0	39.2

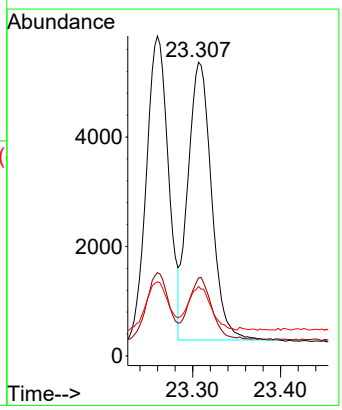


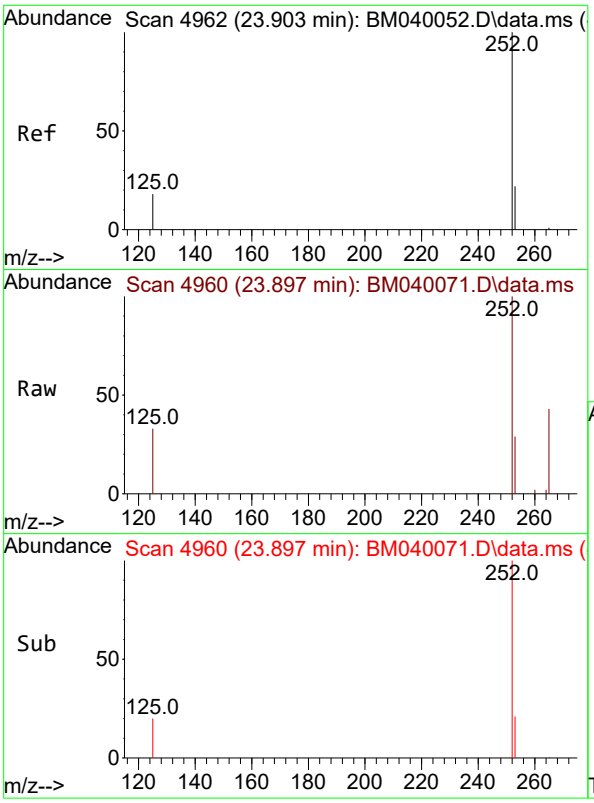


#25
Benzo(k)fluoranthene
Concen: 0.439 ng/ul
RT: 23.307 min Scan# 4758
Delta R.T. -0.006 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Tgt Ion:252 Resp: 9479

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.7	29.5
125	23.7	15.0	22.4#



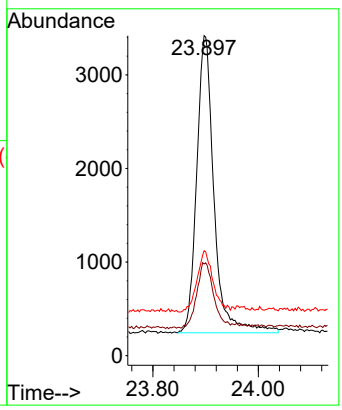


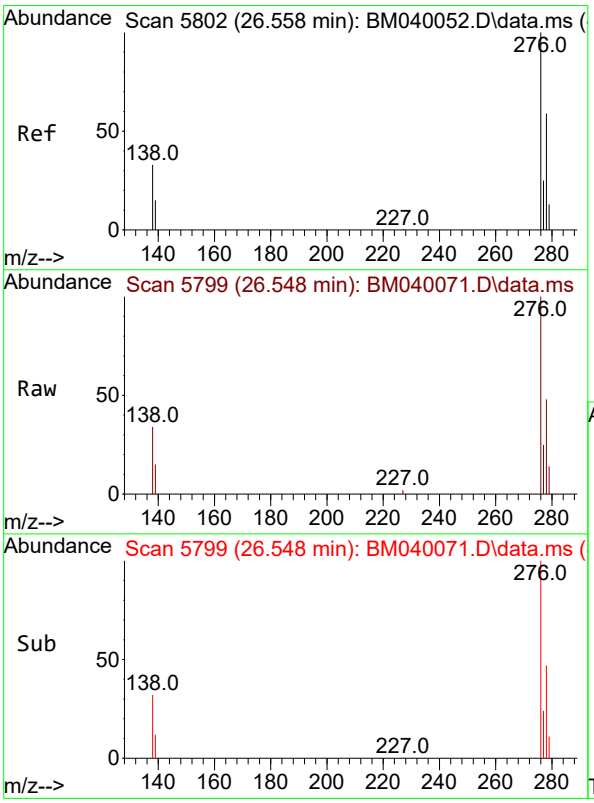
#26
Benzo(a)pyrene
Concen: 0.403 ng/ul
RT: 23.897 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Instrument :
BNA_M
ClientSampleId :
H0FQ2MS

Tgt Ion:252 Resp: 7232

Ion	Ratio	Lower	Upper
252	100		
253	28.6	20.6	31.0
125	32.8	19.1	28.7#

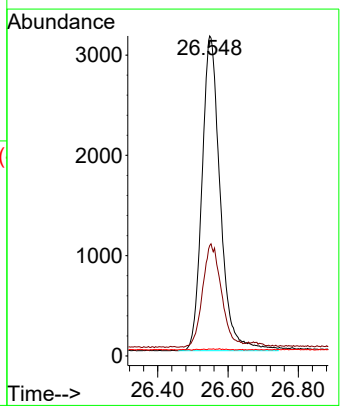


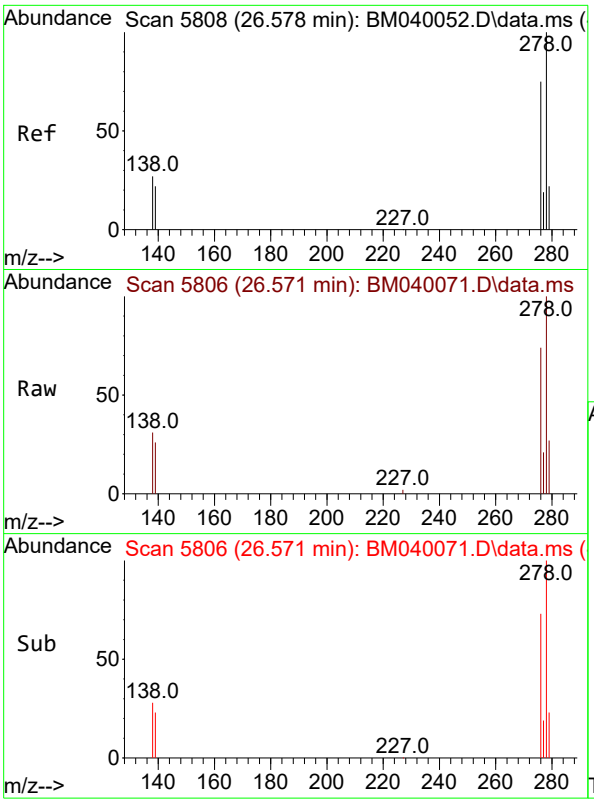


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.437 ng/ul
RT: 26.548 min Scan# 5799
Delta R.T. -0.010 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Tgt Ion:276 Resp: 11291

Ion	Ratio	Lower	Upper
276	100		
138	35.5	26.9	40.3
227	0.1	0.1	0.1



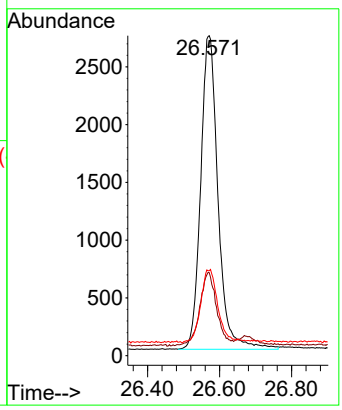


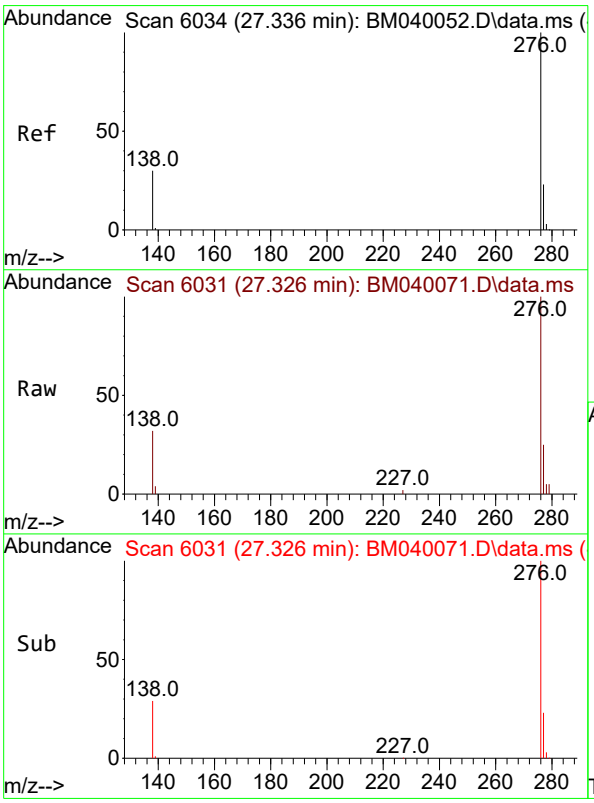
#28
Dibenzo(a,h)anthracene
Concen: 0.436 ng/ul
RT: 26.571 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Instrument :
BNA_M
ClientSampleId :
H0FQ2MS

Tgt Ion:278 Resp: 9099

Ion	Ratio	Lower	Upper
278	100		
139	26.0	19.0	28.4
279	26.6	20.6	31.0





#29
Benzo(g,h,i)perylene
Concen: 0.453 ng/ul
RT: 27.326 min Scan# 6031
Delta R.T. -0.010 min
Lab File: BM040071.D
Acq: 31 May 2023 00:43

Tgt Ion:276 Resp: 9577

Ion	Ratio	Lower	Upper
276	100		
138	31.6	23.9	35.9
277	25.3	19.5	29.3