Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053023\
Data File : BM040069.D
Acq On : 30 May 2023 23:31
Operator : CG/JU
Sample : PB153107BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS107

Quant Time: May 31 02:04:06 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	5825	0.400	ng/ul	0.00
4) Naphthalene-d8	10.822	136	17987	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.642	164	7857	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.387	188	13230	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.561	240	5456	0.400	ng/ul	0.00
23) Perylene-d12	24.005	264	4810	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	6077	0.896	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.406	152	9163	0.417	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	8836	0.538	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.418	88	14842	2.080	ng/ul	91
5) Naphthalene	10.872	128	18901	0.430	ng/ul	100
7) 2-Methylnaphthalene	12.477	142	10766	0.406	ng/ul	99
8) 1-Methylnaphthalene	12.697	142	10915	0.396	ng/ul	99
10) Acenaphthylene	14.364	152	12469	0.399	ng/ul	100
11) Acenaphthene	14.707	153	10907	0.428	ng/ul	99
12) Fluorene	15.687	166	10975	0.413	ng/ul	97
14) Pentachlorophenol	17.032	266	1504	0.561	ng/ul	98
15) Phenanthrene	17.429	178	15441	0.412	ng/ul	99
16) Anthracene	17.518	178	11917	0.379	ng/ul	98
19) Fluoranthene	19.440	202	12493	0.509	ng/ul	99
20) Pyrene	19.802	202	12090	0.486	ng/ul	99
21) Benzo(a)anthracene	21.547	228	7561	0.412	ng/ul	99
22) Chrysene	21.599	228	8799	0.451	ng/ul	98
24) Benzo(b)fluoranthene	23.260	252	8634	0.452	ng/ul	96
25) Benzo(k)fluoranthene	23.309	252	8098	0.421	ng/ul#	95
26) Benzo(a)pyrene	23.900	252	6749	0.422	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.551	276	9958	0.433	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.571	278	7914	0.426	ng/ul	97
29) Benzo(g,h,i)perylene	27.329	276	8752	0.464	ng/ul	96

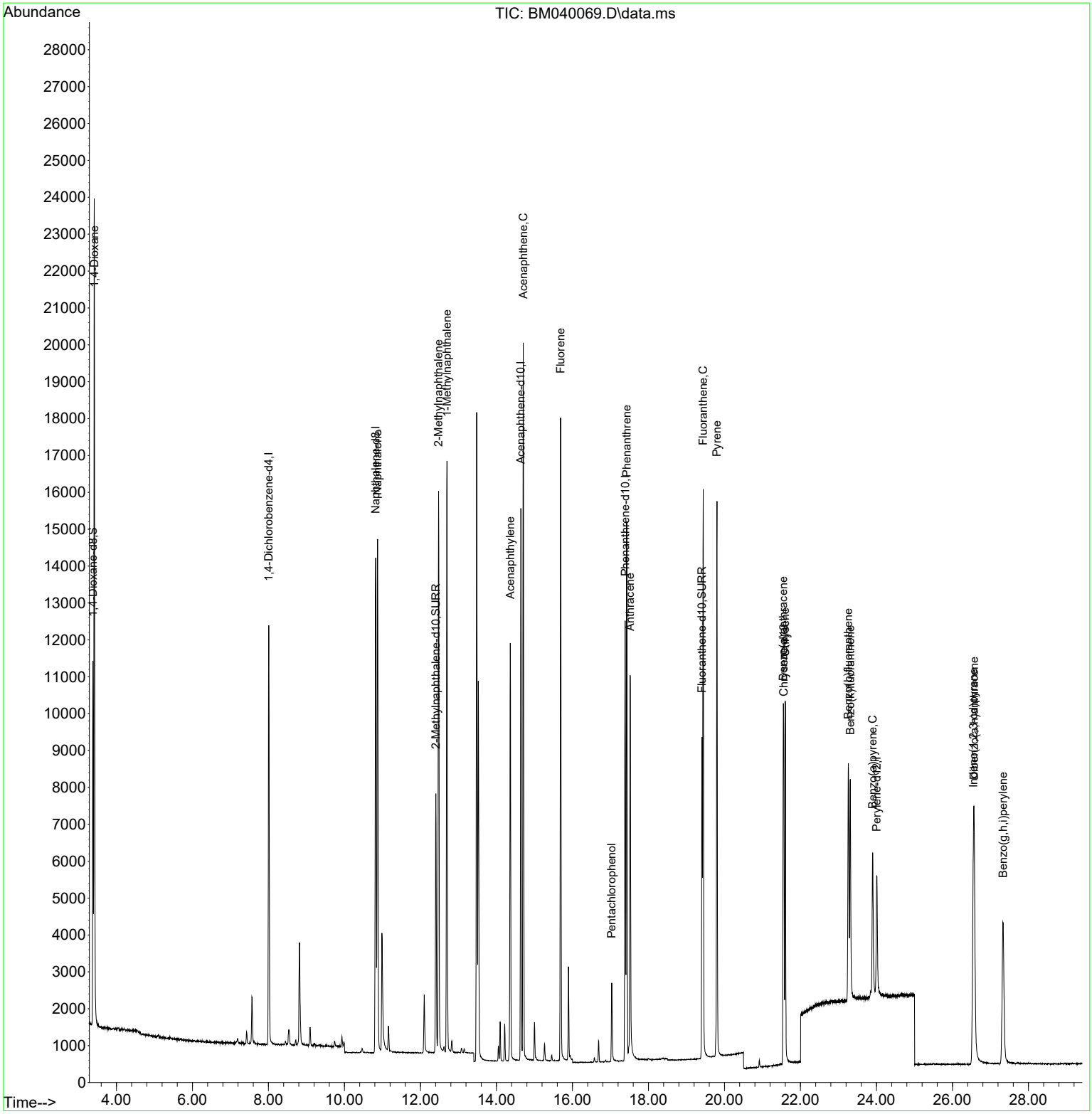
(#) = qualifier out of range (m) = manual integration (+) = signals summed

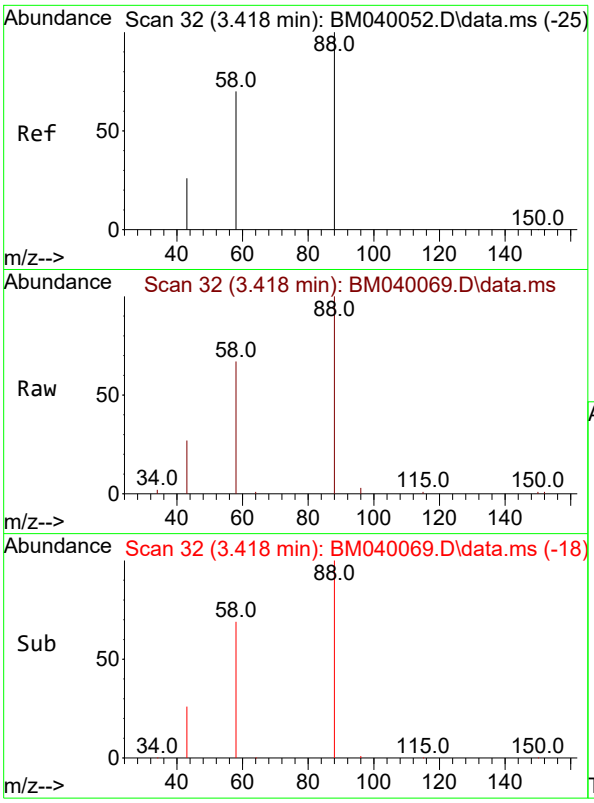
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053023\
Data File : BM040069.D
Acq On : 30 May 2023 23:31
Operator : CG/JU
Sample : PB153107BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS107

Quant Time: May 31 02:04:06 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



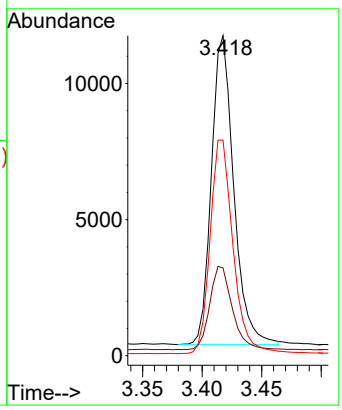


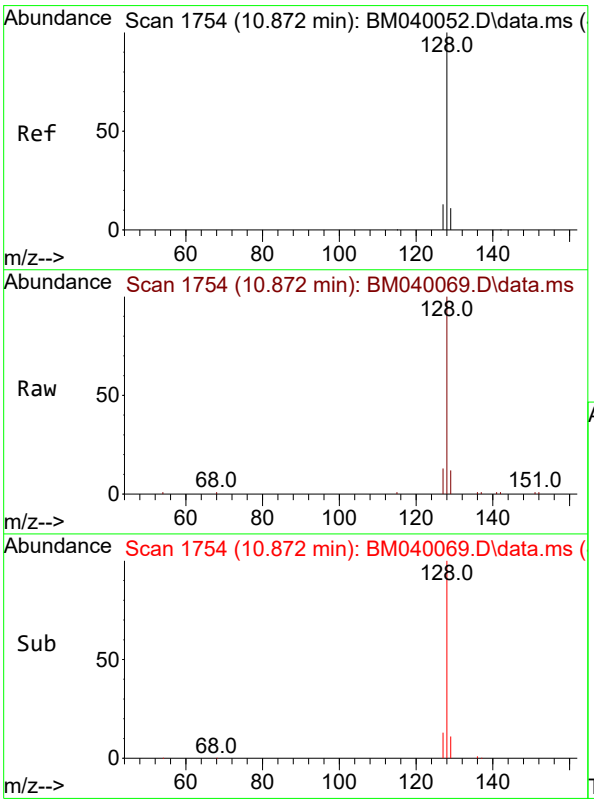
#2
1,4-Dioxane
Concen: 2.080 ng/ul
RT: 3.418 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Instrument :
BNA_M
ClientSampleId :
SLCS107

Tgt Ion: 88 Resp: 14842

Ion	Ratio	Lower	Upper
88	100		
43	27.4	25.9	38.9
58	67.4	48.5	72.7

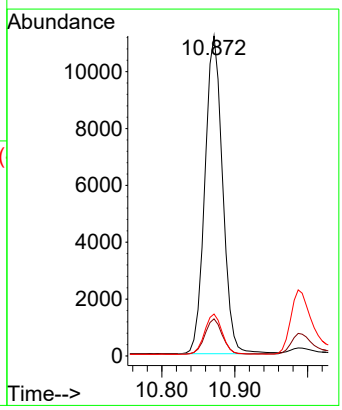


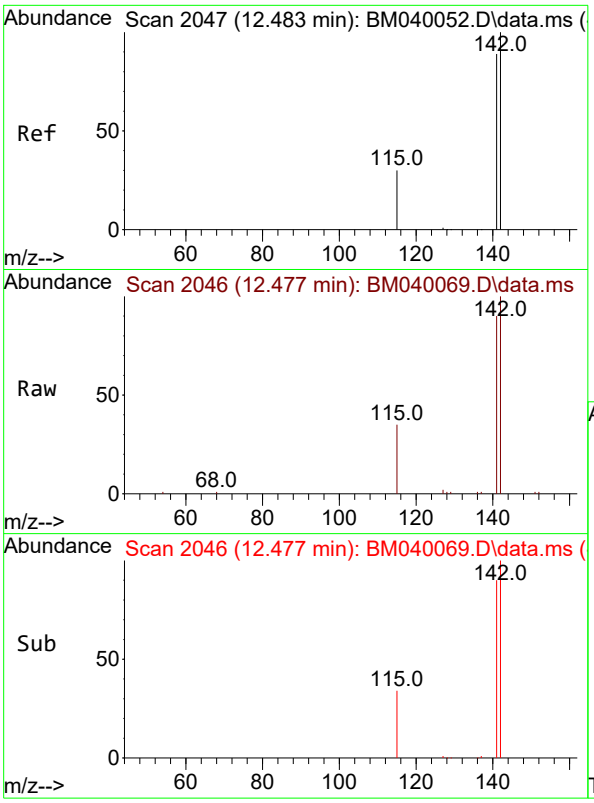


#5
Naphthalene
Concen: 0.430 ng/ul
RT: 10.872 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Tgt Ion:128 Resp: 18901

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.1	10.5	15.7



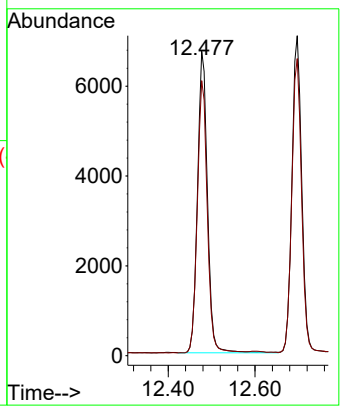


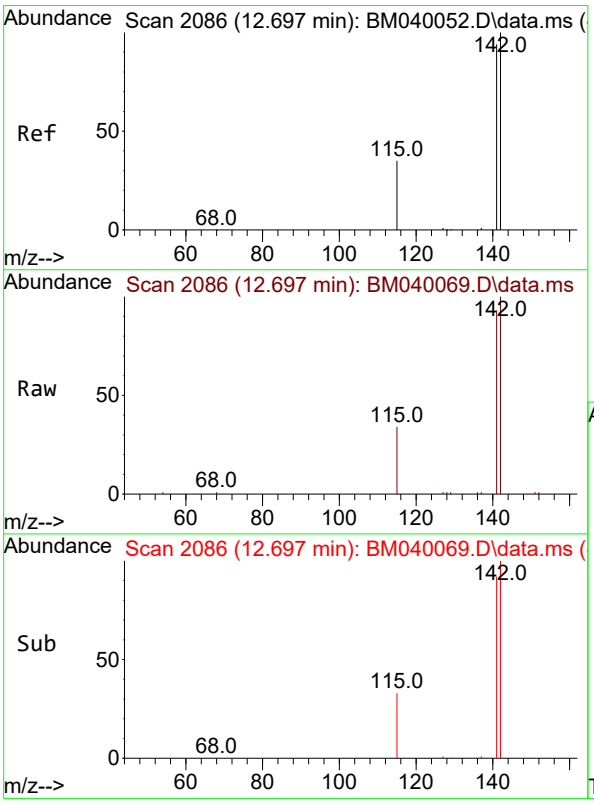
#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.477 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Instrument :
BNA_M
ClientSampleId :
SLCS107

Tgt Ion:142 Resp: 10766

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.3	106.9

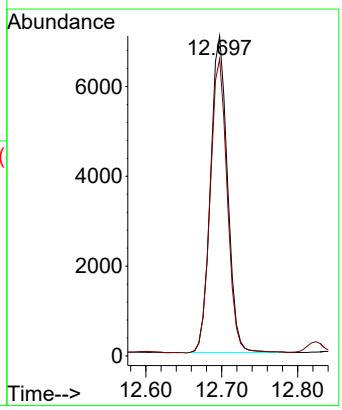


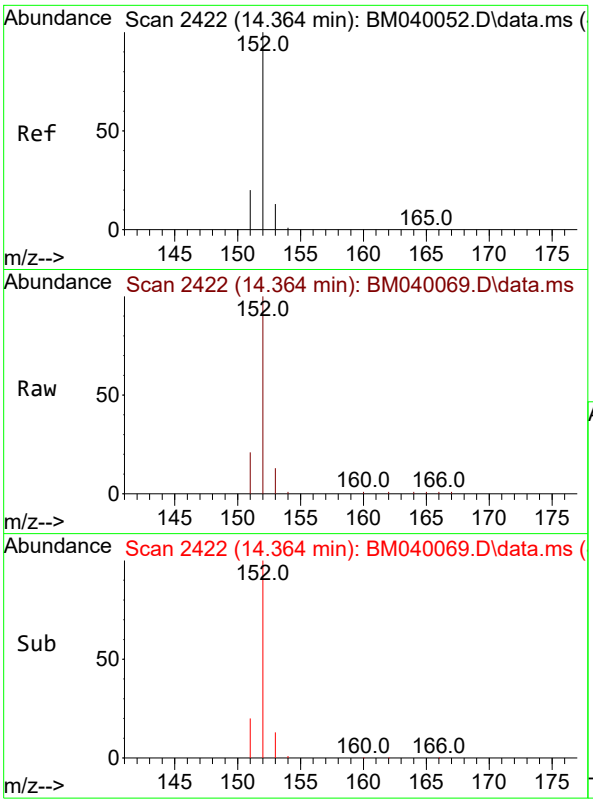


#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.697 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Tgt Ion:142 Resp: 10915

Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.8	110.6



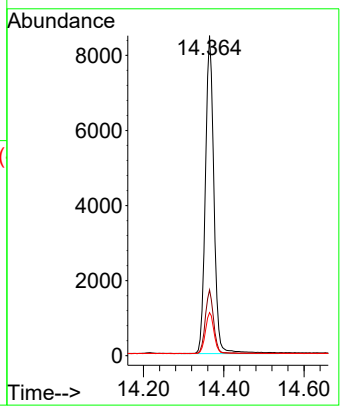


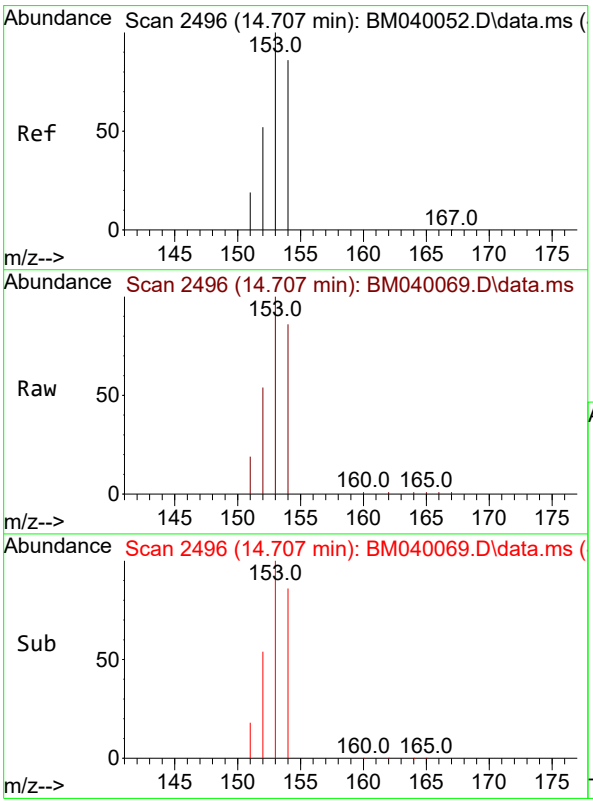
#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 14.364 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Instrument :
BNA_M
ClientSampleId :
SLCS107

Tgt Ion:152 Resp: 12469

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.4	10.6	16.0

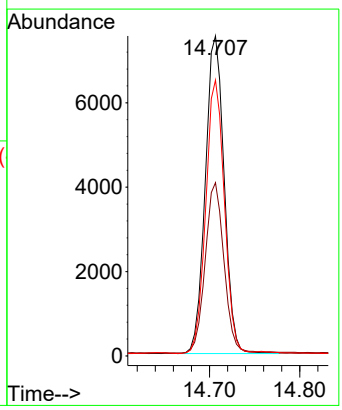


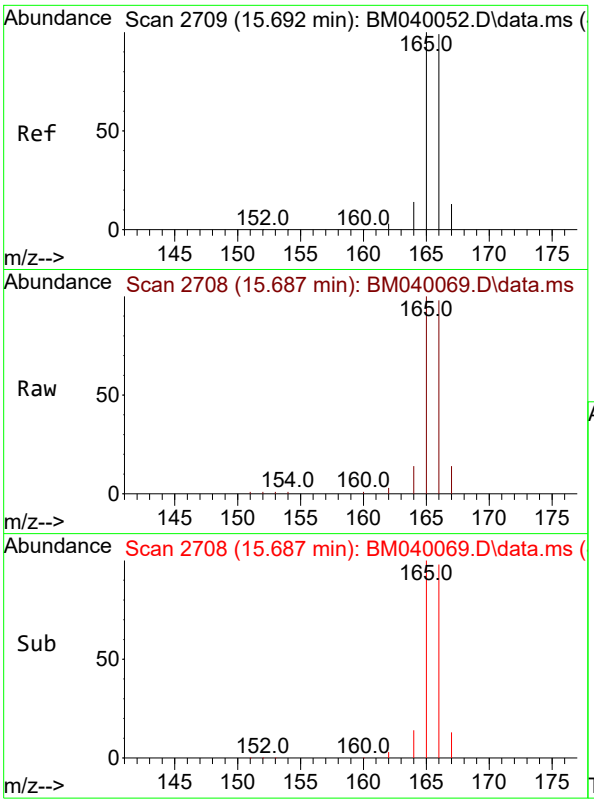


#11
Acenaphthene
Concen: 0.428 ng/ul
RT: 14.707 min Scan# 2496
Delta R.T. -0.000 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Tgt Ion:153 Resp: 10907

Ion	Ratio	Lower	Upper
153	100		
152	54.1	42.0	63.0
154	86.2	69.4	104.2



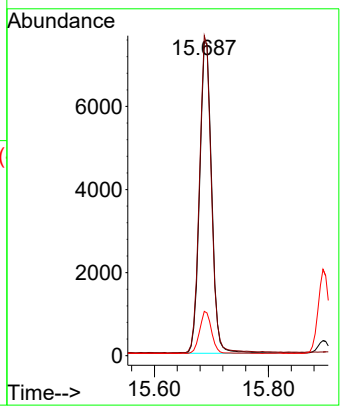


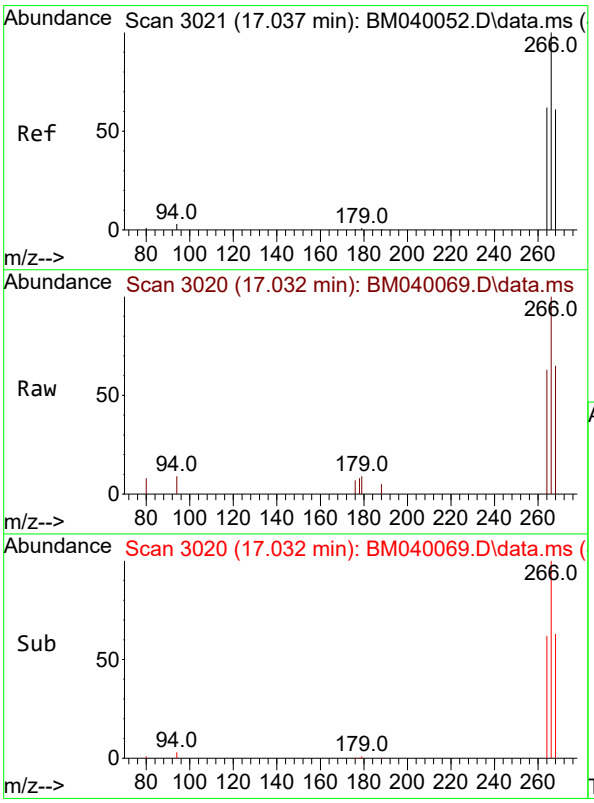
#12
Fluorene
Concen: 0.413 ng/ul
RT: 15.687 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Instrument :
BNA_M
ClientSampleId :
SLCS107

Tgt Ion:166 Resp: 10975

Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.3	118.9
167	14.2	10.8	16.2

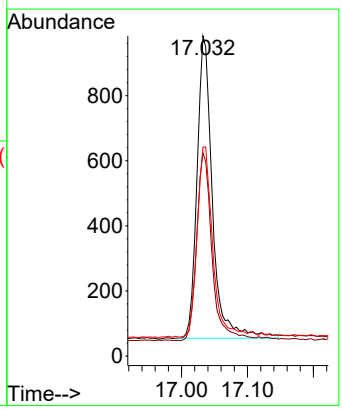


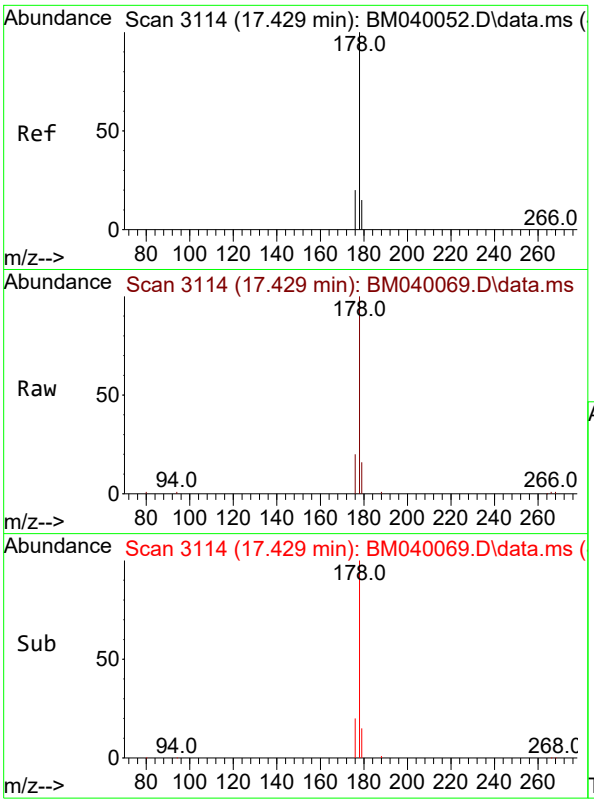


#14
Pentachlorophenol
Concen: 0.561 ng/ul
RT: 17.032 min Scan# 3020
Delta R.T. -0.004 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Tgt Ion:266 Resp: 1504

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.2	73.8
268	63.6	51.9	77.9



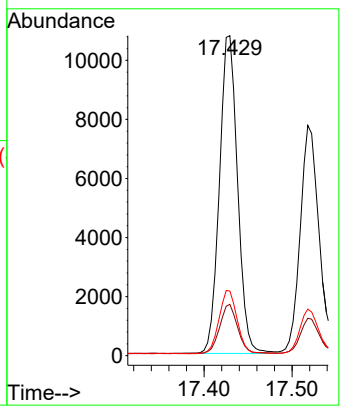


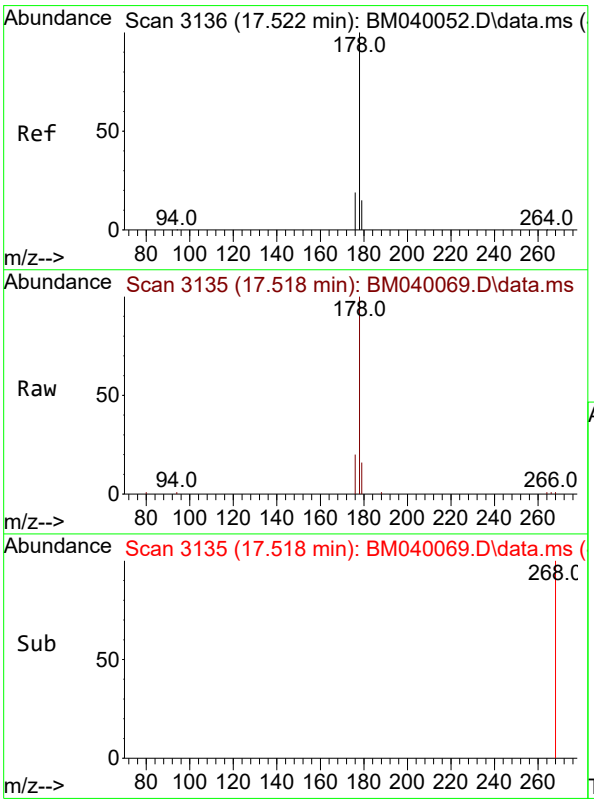
#15
Phenanthrene
Concen: 0.412 ng/ul
RT: 17.429 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Instrument :
BNA_M
ClientSampleId :
SLCS107

Tgt Ion:178 Resp: 15441

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	20.2	16.3	24.5

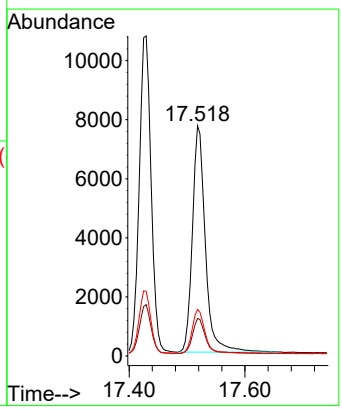


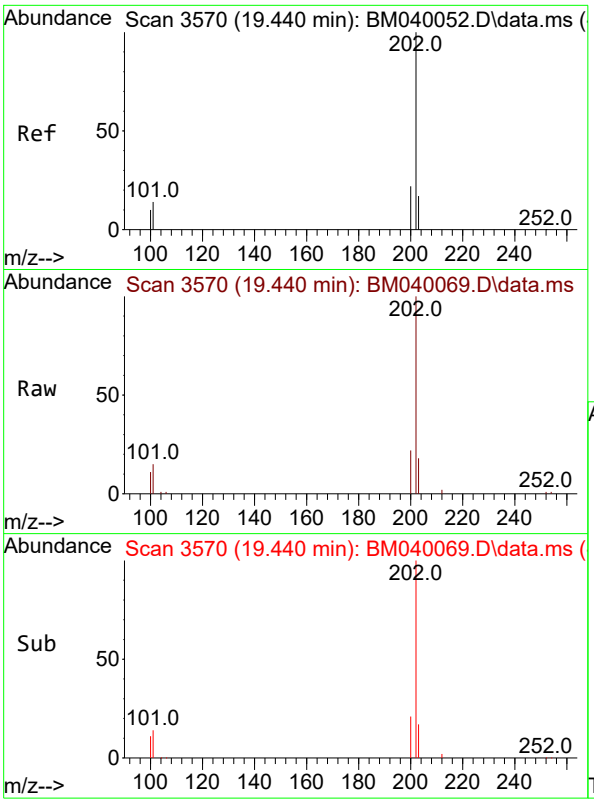


#16
Anthracene
Concen: 0.379 ng/ul
RT: 17.518 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Tgt Ion:178 Resp: 11917

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	19.0
176	20.2	15.5	23.3



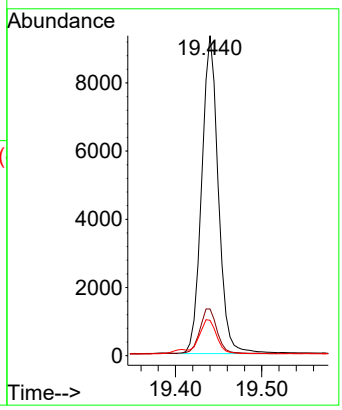


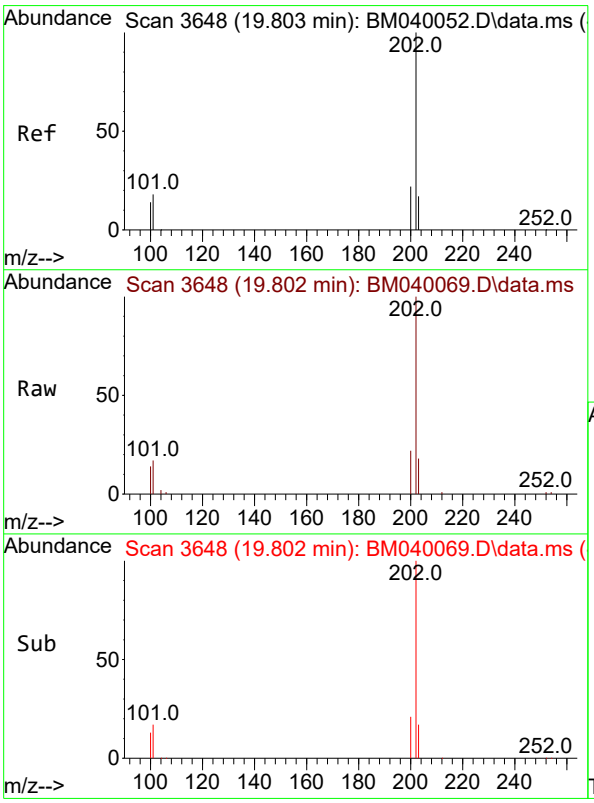
#19
Fluoranthene
Concen: 0.509 ng/ul
RT: 19.440 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Instrument :
BNA_M
ClientSampleId :
SLCS107

Tgt Ion:202 Resp: 12493

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.5	17.3
100	11.1	8.5	12.7

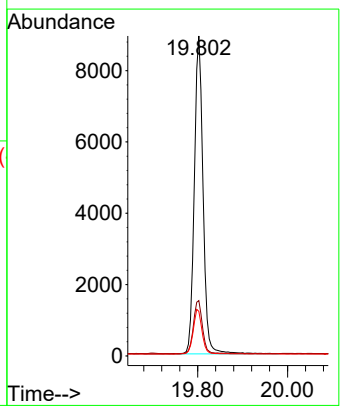


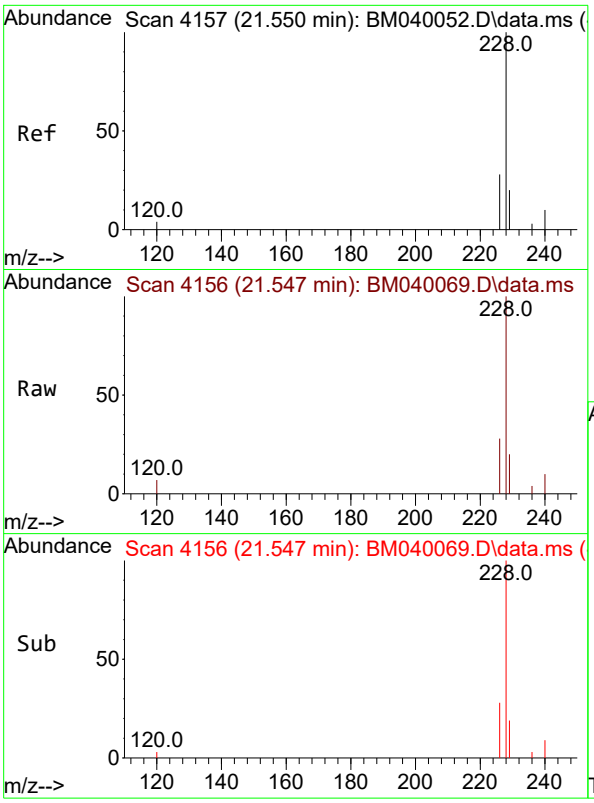


#20
Pyrene
Concen: 0.486 ng/ul
RT: 19.802 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Tgt Ion:202 Resp: 12090

Ion	Ratio	Lower	Upper
202	100		
101	17.3	13.3	19.9
100	13.9	10.9	16.3





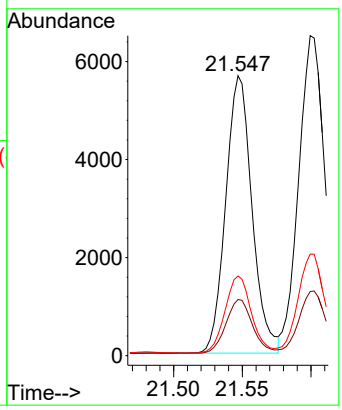
#21
Benzo(a)anthracene
Concen: 0.412 ng/ul
RT: 21.547 min Scan# 4

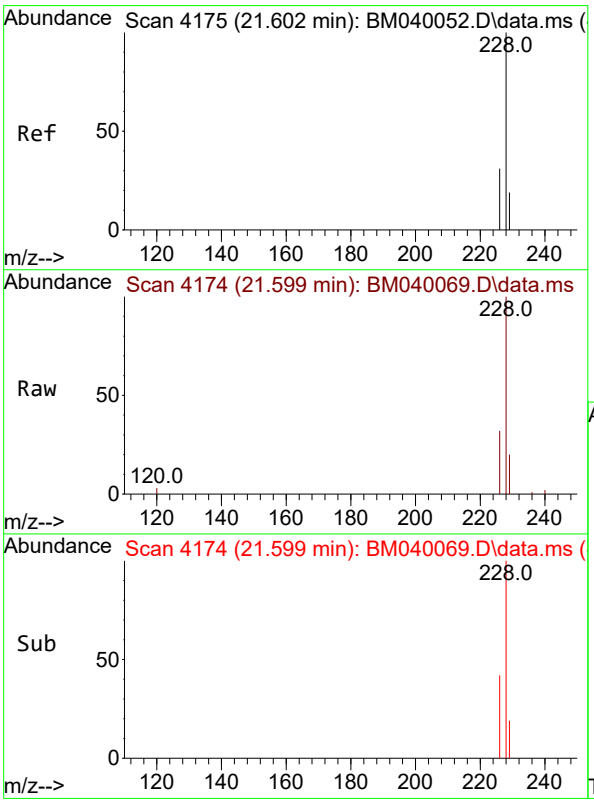
Instrument :
BNA_M
ClientSampleId :
SLCS107

Delta R.T. -0.003 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Tgt Ion:228 Resp: 7561

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	28.4	22.5	33.7

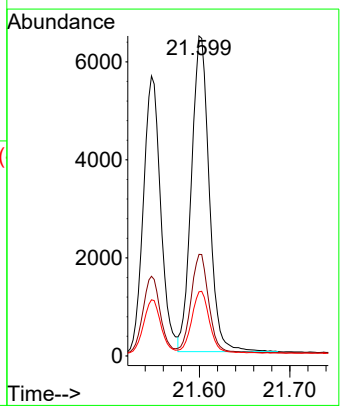


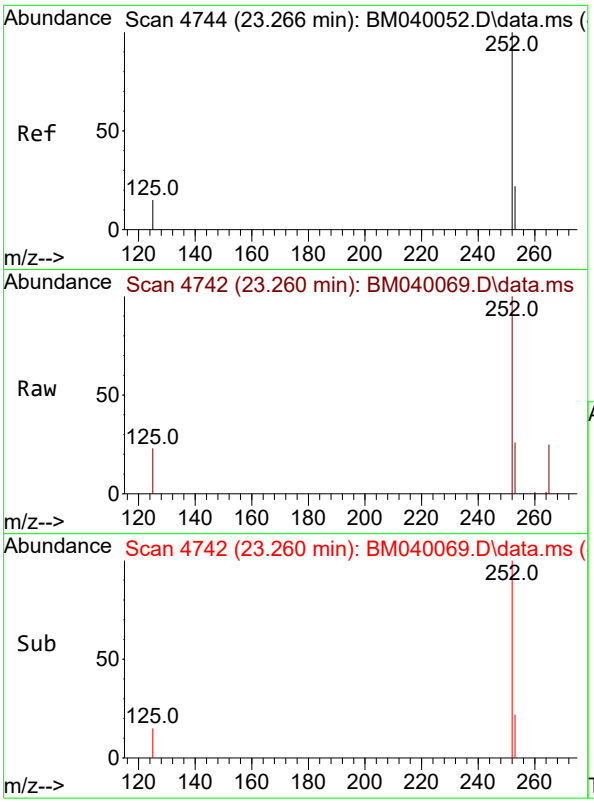


#22
Chrysene
Concen: 0.451 ng/ul
RT: 21.599 min Scan# 4174
Delta R.T. -0.003 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Tgt Ion:228 Resp: 8799

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	36.8
229	20.1	15.6	23.4



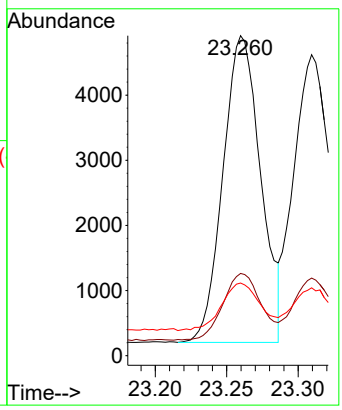


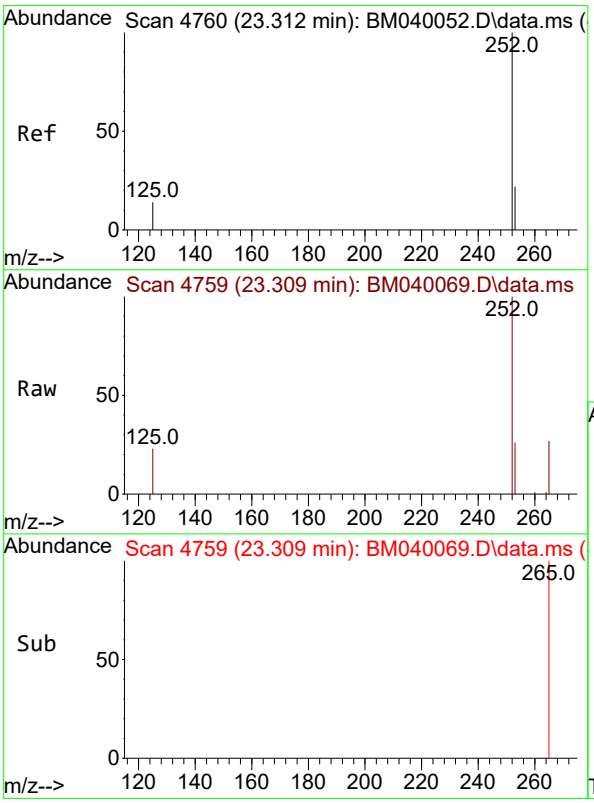
#24
Benzo(b)fluoranthene
Concen: 0.452 ng/ul
RT: 23.260 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Instrument :
BNA_M
ClientSampleId :
SLCS107

Tgt Ion:252 Resp: 8634

Ion	Ratio	Lower	Upper
252	100		
253	25.7	0.0	49.8
125	22.7	0.0	39.2

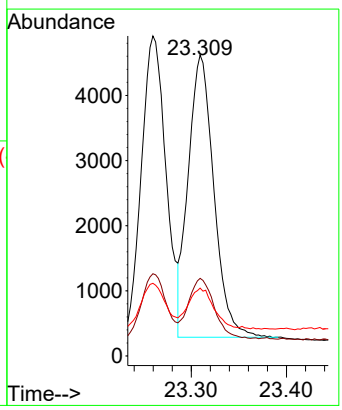


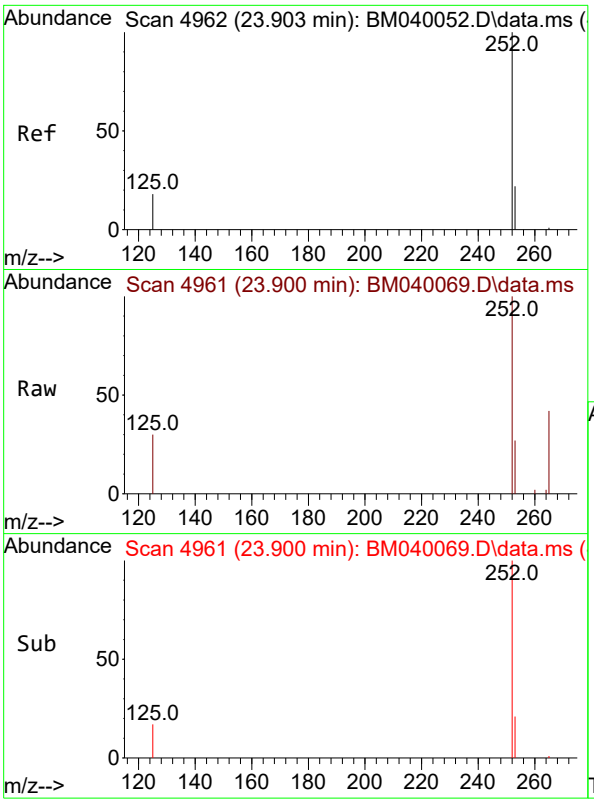


#25
Benzo(k)fluoranthene
Concen: 0.421 ng/ul
RT: 23.309 min Scan# 4759
Delta R.T. -0.003 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Tgt Ion:252 Resp: 8098

Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.7	29.5
125	22.6	15.0	22.4#



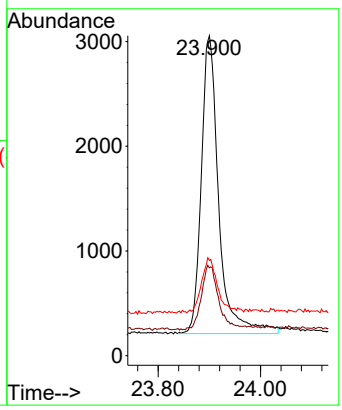


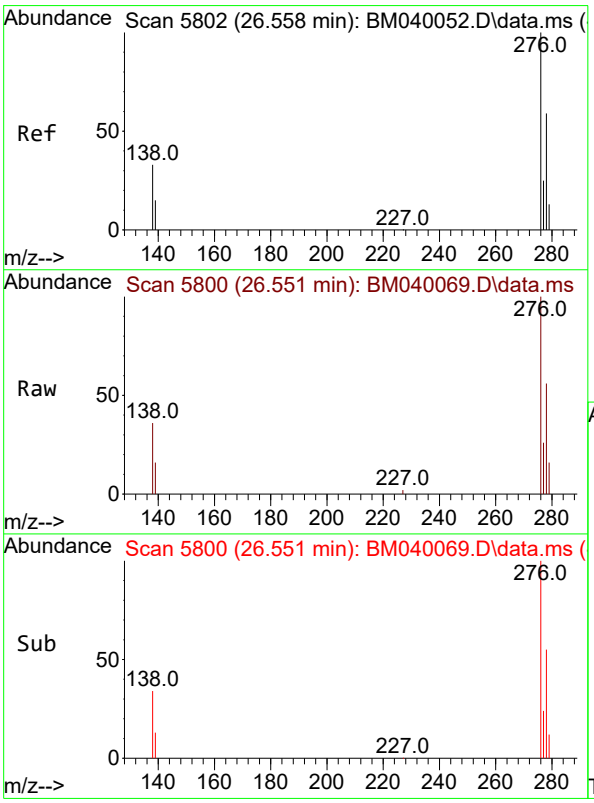
#26
Benzo(a)pyrene
Concen: 0.422 ng/ul
RT: 23.900 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Instrument :
BNA_M
ClientSampleId :
SLCS107

Tgt Ion:252 Resp: 6749

Ion	Ratio	Lower	Upper
252	100		
253	27.4	20.6	31.0
125	29.8	19.1	28.7#

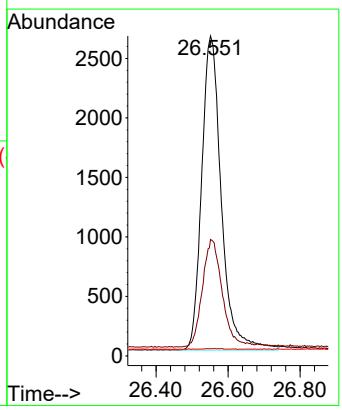


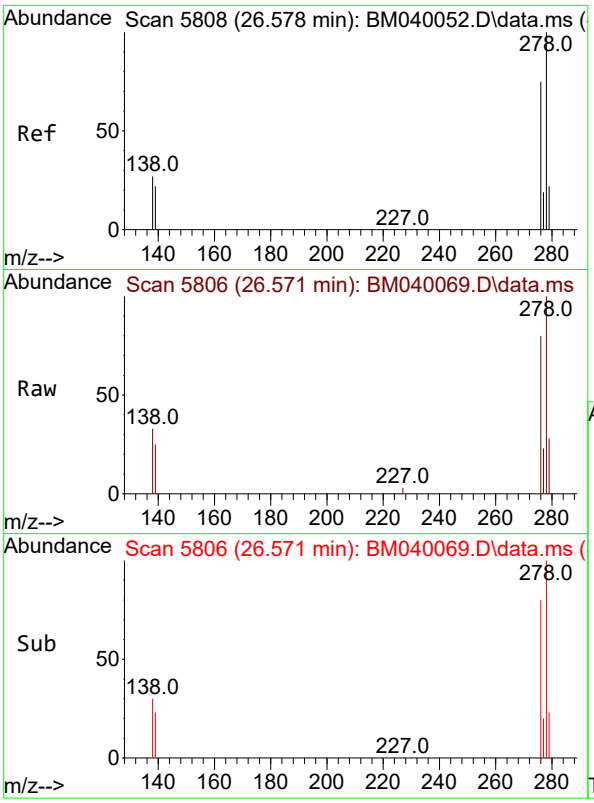


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.433 ng/ul
RT: 26.551 min Scan# 5800
Delta R.T. -0.007 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Tgt Ion:276 Resp: 9958

Ion	Ratio	Lower	Upper
276	100		
138	34.5	26.9	40.3
227	0.1	0.1	0.1#



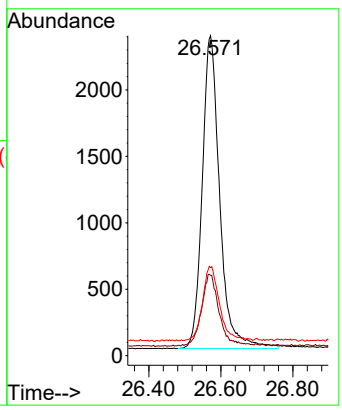


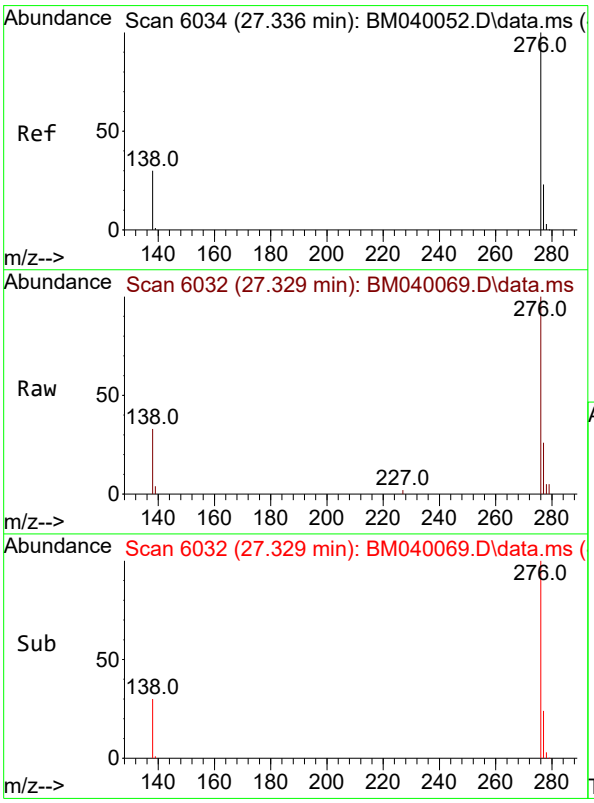
#28
Dibenzo(a,h)anthracene
Concen: 0.426 ng/ul
RT: 26.571 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Instrument :
BNA_M
ClientSampleId :
SLCS107

Tgt Ion:278 Resp: 7914

Ion	Ratio	Lower	Upper
278	100		
139	25.2	19.0	28.4
279	27.6	20.6	31.0





#29
Benzo(g,h,i)perylene
Concen: 0.464 ng/ul
RT: 27.329 min Scan# 6032
Delta R.T. -0.007 min
Lab File: BM040069.D
Acq: 30 May 2023 23:31

Tgt Ion:276 Resp: 8752

Ion	Ratio	Lower	Upper
276	100		
138	32.9	23.9	35.9
277	25.7	19.5	29.3