Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041015.D
Acq On : 21 Jul 2023 13:07
Operator : MA/JU
Sample : PB154070BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS070

Quant Time: Jul 21 16:40:56 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 : Fri Jul 21 16:33:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	3238	0.400	ng/ul	0.00
4) Naphthalene-d8	10.675	136	12168	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.518	164	7110	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	14241	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	11228	0.400	ng/ul	0.00
23) Perylene-d12	23.863	264	9788	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3914	0.735	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.269	152	7271	0.448	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	16064	0.340	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.313	88	9151	1.633	ng/ul#	71
5) Naphthalene	10.724	128	11941	0.359	ng/ul	100
7) 2-Methylnaphthalene	12.346	142	7088	0.388	ng/ul	100
8) 1-Methylnaphthalene	12.561	142	7912	0.408	ng/ul	100
10) Acenaphthylene	14.240	152	10665	0.358	ng/ul	99
11) Acenaphthene	14.583	153	9014	0.343	ng/ul	97
12) Fluorene	15.577	166	9812	0.361	ng/ul	98
14) Pentachlorophenol	16.936	266	2347	0.818	ng/ul	99
15) Phenanthrene	17.316	178	15145	0.356	ng/ul	99
16) Anthracene	17.413	178	12168	0.367	ng/ul	99
19) Fluoranthene	19.338	202	17881	0.308	ng/ul	94
20) Pyrene	19.701	202	19104	0.323	ng/ul	94
21) Benzo(a)anthracene	21.454	228	13118	0.384	ng/ul	100
22) Chrysene	21.504	228	14819	0.379	ng/ul	100
24) Benzo(b)fluoranthene	23.132	252	13852	0.369	ng/ul	95
25) Benzo(k)fluoranthene	23.178	252	13314	0.373	ng/ul#	95
26) Benzo(a)pyrene	23.757	252	11854	0.365	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.337	276	15843	0.368	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.354	278	12386	0.380	ng/ul	94
29) Benzo(g,h,i)perylene	27.095	276	14143	0.355	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041015.D
Acq On : 21 Jul 2023 13:07
Operator : MA/JU
Sample : PB154070BS
Misc :
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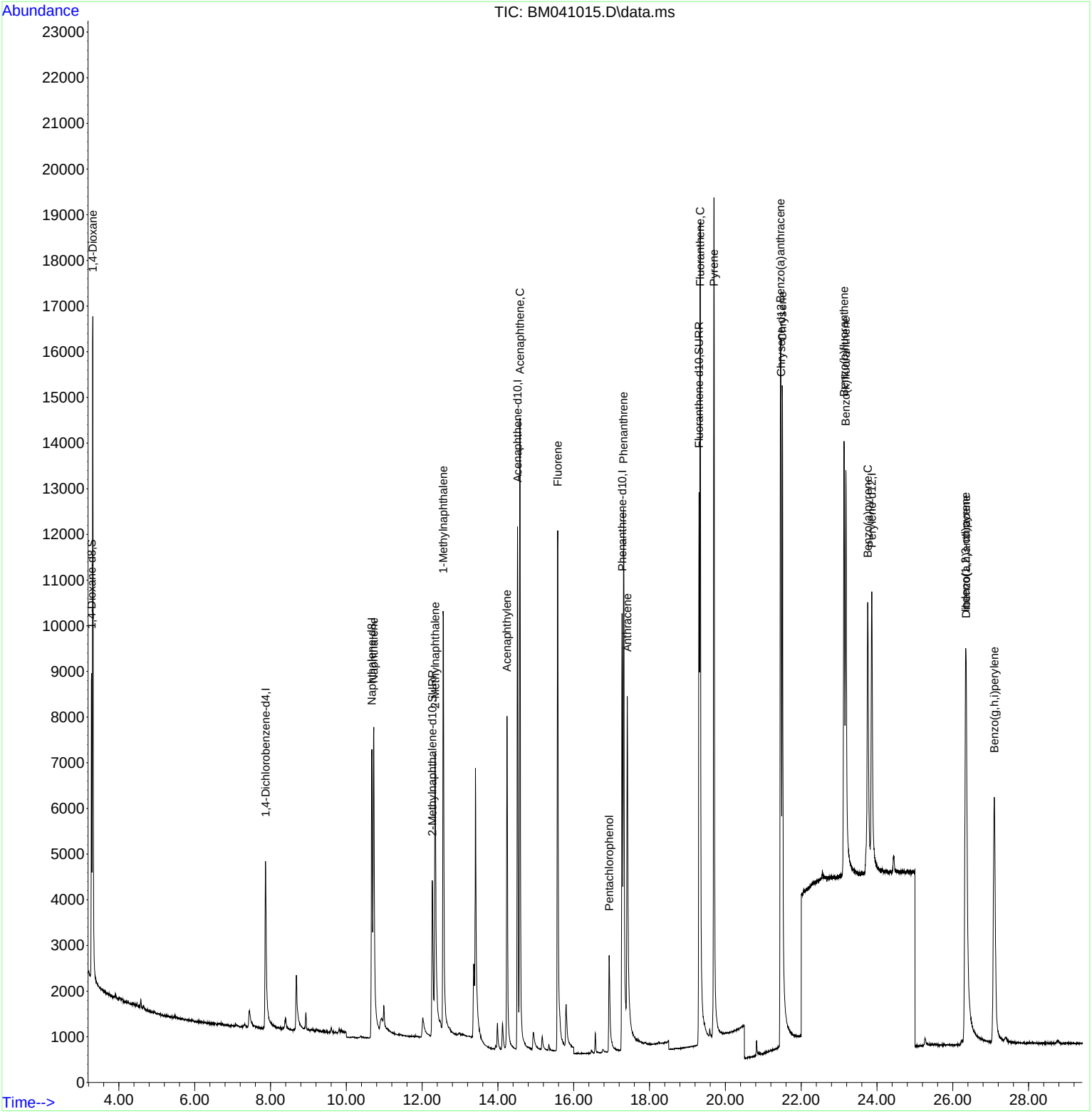
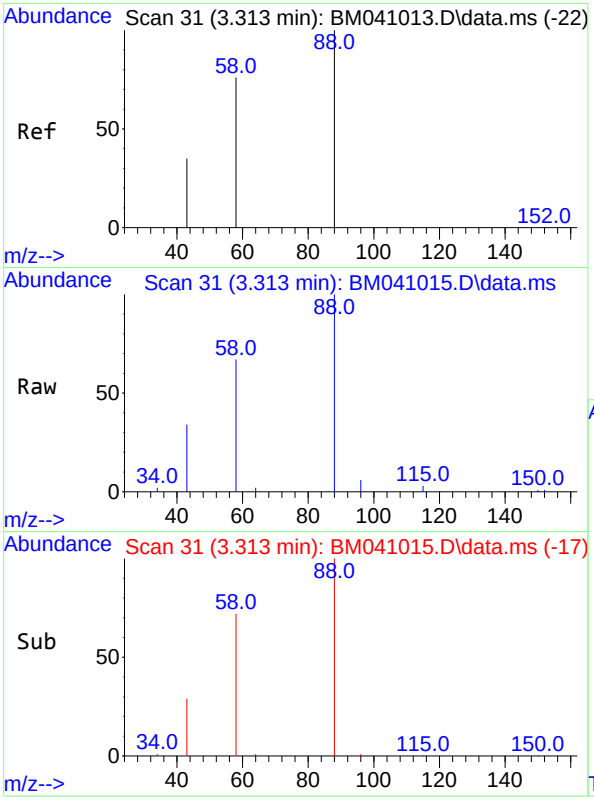
Quant Time: Jul 21 16:40:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 16:33:57 2023
Response via : Initial Calibration



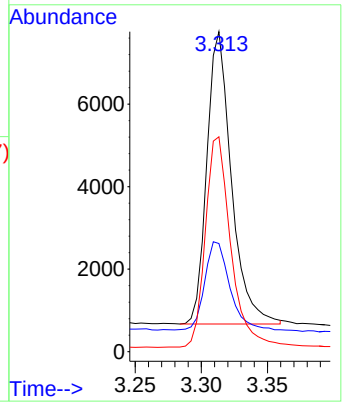


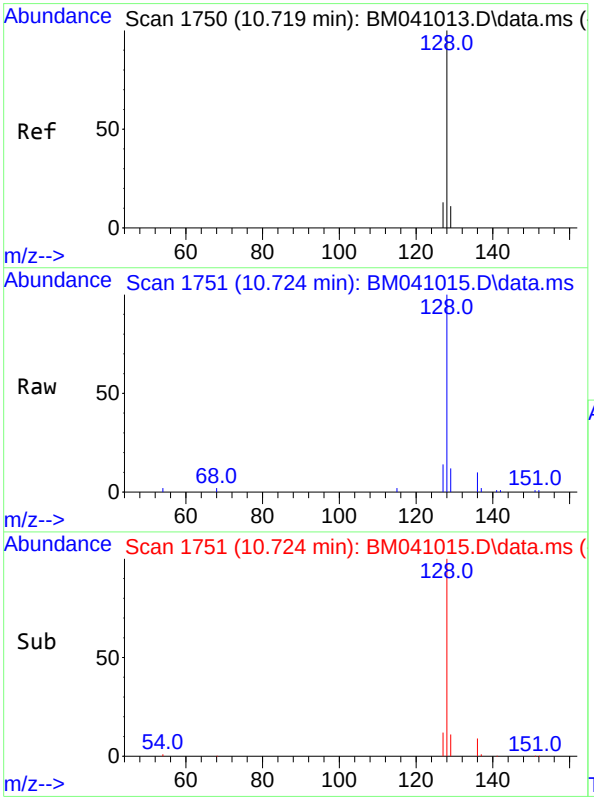
#2
1,4-Dioxane
Concen: 1.633 ng/ul
RT: 3.313 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Instrument :
BNA_M
ClientSampleId :
SLCS070

Tgt Ion: 88 Resp: 9151

Ion	Ratio	Lower	Upper
88	100		
43	33.8	46.7	70.1#
58	67.1	40.3	60.5#

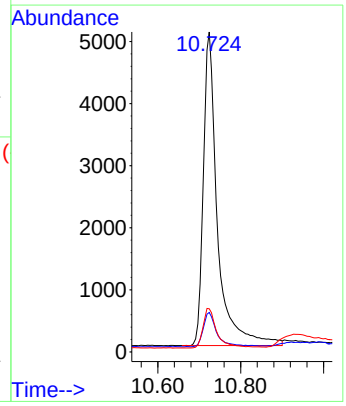


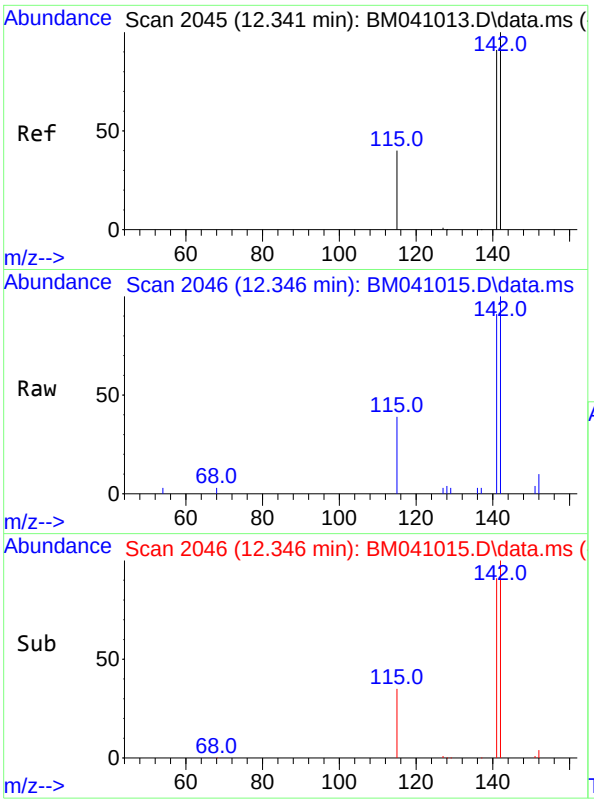


#5
Naphthalene
Concen: 0.359 ng/ul
RT: 10.724 min Scan# 1751
Delta R.T. 0.005 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Tgt Ion:128 Resp: 11941

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.8	14.8
127	13.5	11.0	16.4



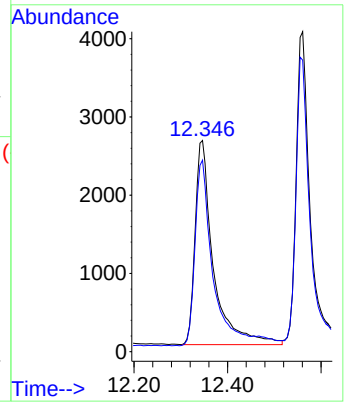


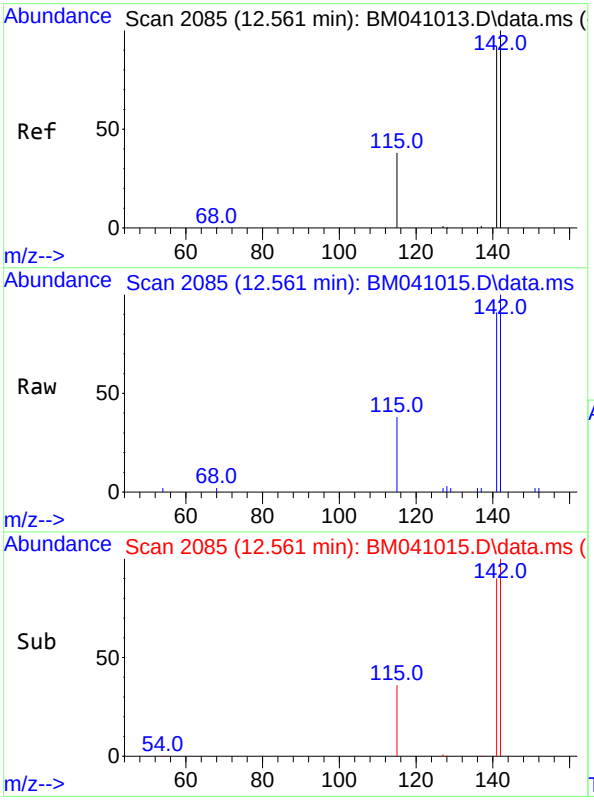
#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.346 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Instrument :
BNA_M
ClientSampleId :
SLCS070

Tgt Ion:142 Resp: 7088

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.2	109.8

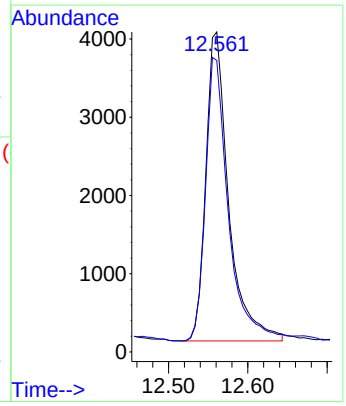


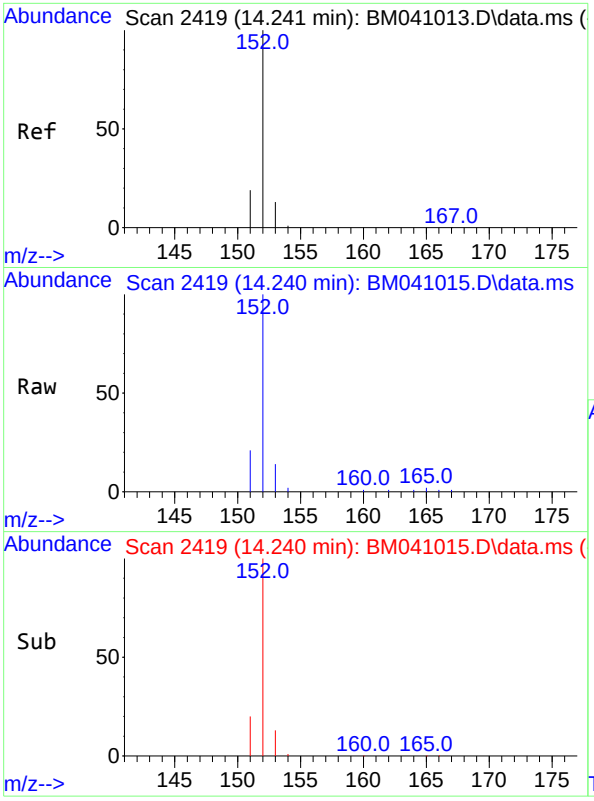


#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.561 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Tgt Ion:142 Resp: 7912

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.4	110.2



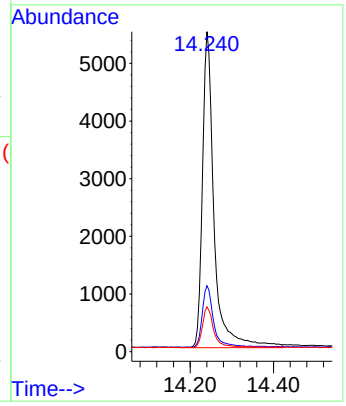


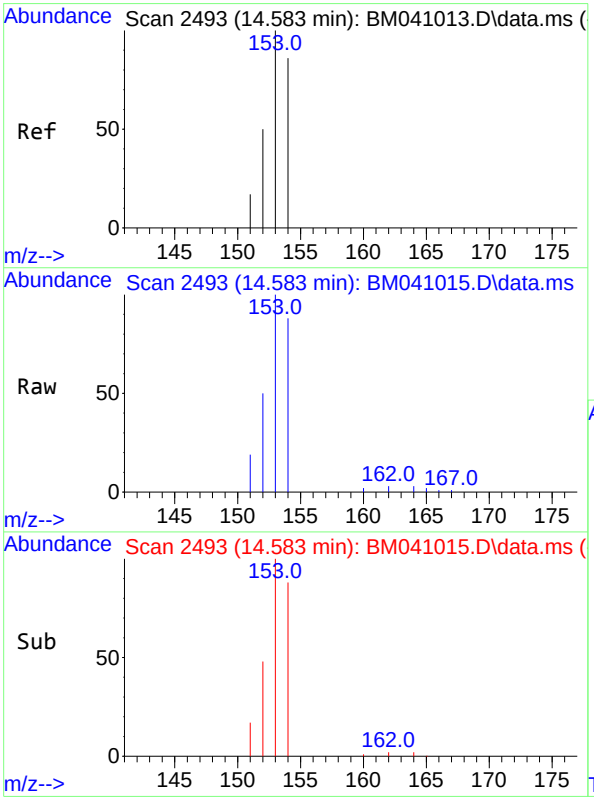
#10
Acenaphthylene
Concen: 0.358 ng/ul
RT: 14.240 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Instrument :
BNA_M
ClientSampleId :
SLCS070

Tgt Ion:152 Resp: 10665

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	14.0	11.6	17.4

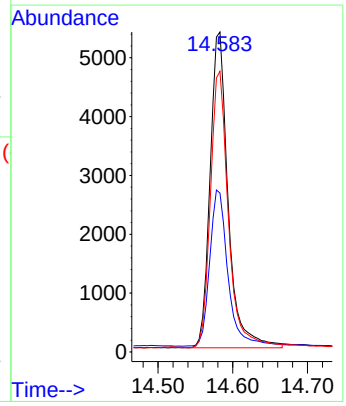


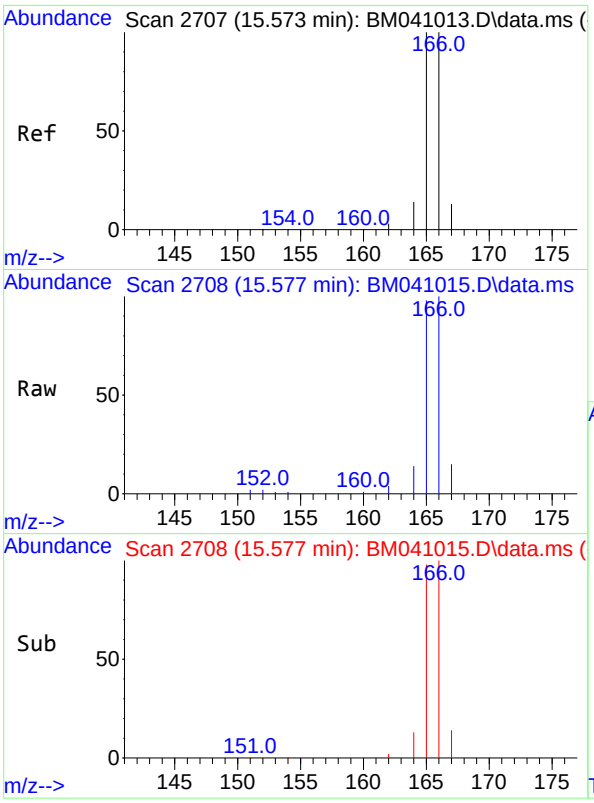


#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Tgt Ion:153 Resp: 9014

Ion	Ratio	Lower	Upper
153	100		
152	49.6	41.0	61.6
154	87.7	68.2	102.2



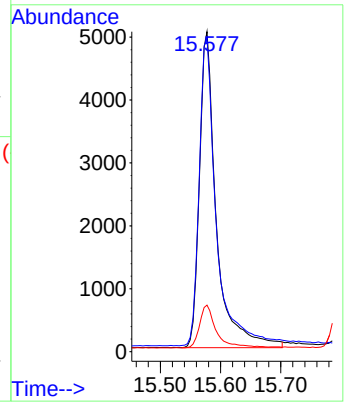


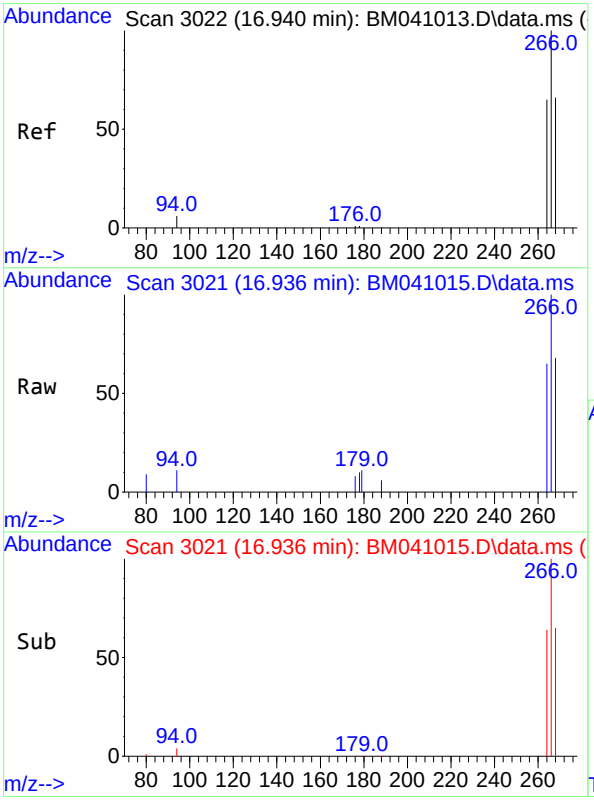
#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.577 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Instrument :
BNA_M
ClientSampleId :
SLCS070

Tgt Ion:166 Resp: 9812

Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.3	120.5
167	14.6	11.7	17.5

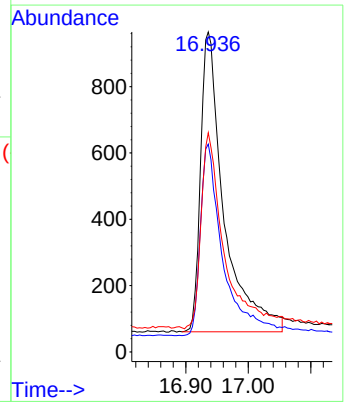


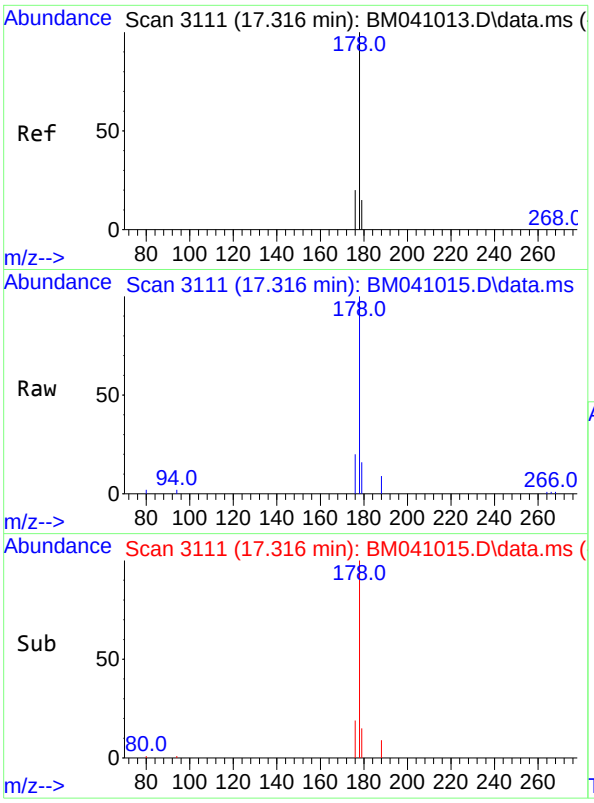


#14
Pentachlorophenol
Concen: 0.818 ng/ul
RT: 16.936 min Scan# 3021
Delta R.T. -0.004 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Tgt Ion:266 Resp: 2347

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.7	76.1
268	64.8	52.8	79.2



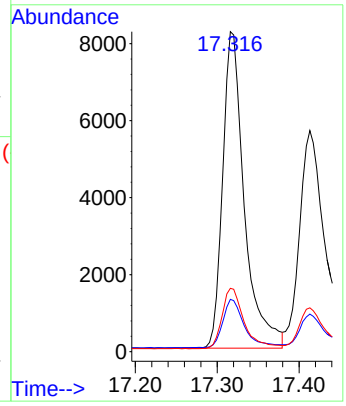


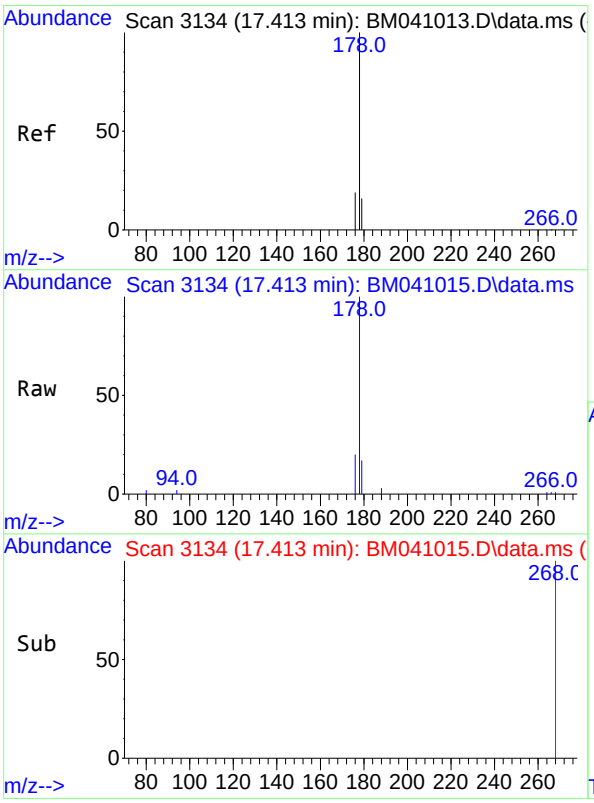
#15
Phenanthrene
Concen: 0.356 ng/ul
RT: 17.316 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Instrument :
BNA_M
ClientSampleId :
SLCS070

Tgt Ion:178 Resp: 15145

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.6
176	19.8	16.2	24.4

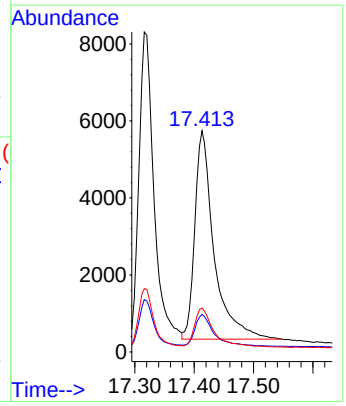


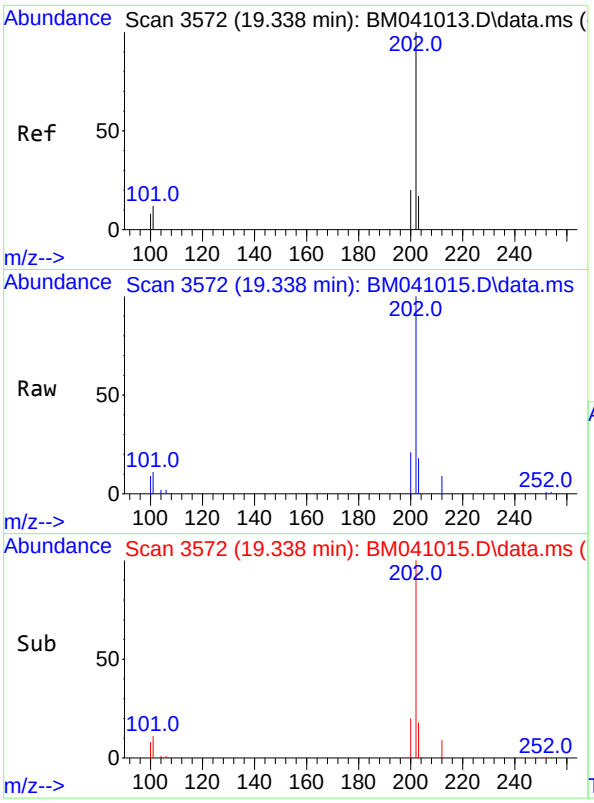


#16
Anthracene
Concen: 0.367 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Tgt Ion:178 Resp: 12168

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.7	20.5
176	19.8	16.4	24.6



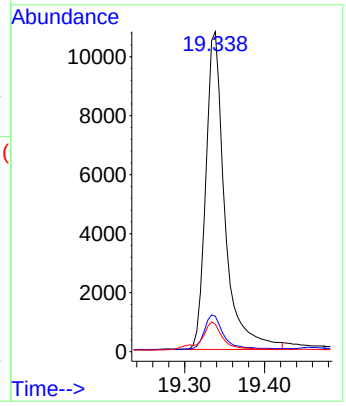


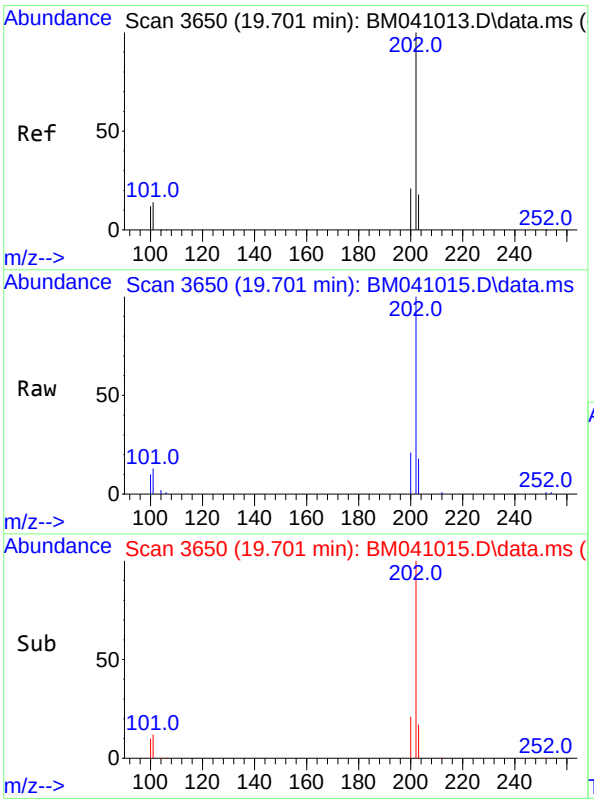
#19
Fluoranthene
Concen: 0.308 ng/ul
RT: 19.338 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Instrument :
BNA_M
ClientSampleId :
SLCS070

Tgt Ion:202 Resp: 17881

Ion	Ratio	Lower	Upper
202	100		
101	11.1	11.0	16.4
100	8.6	8.3	12.5

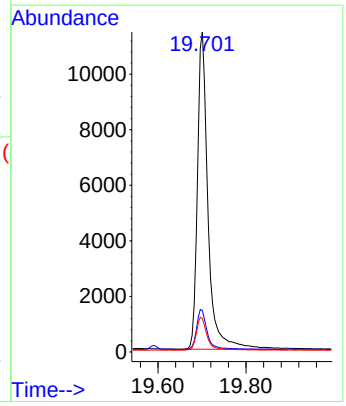


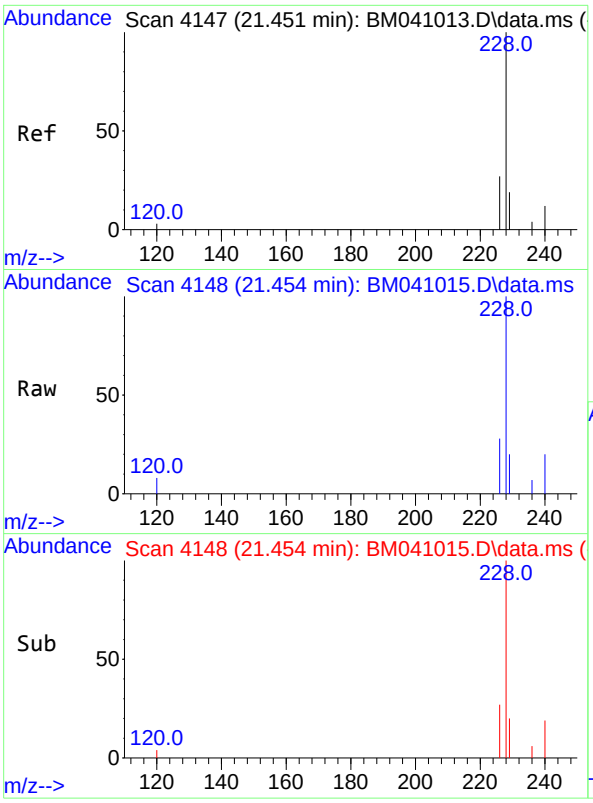


#20
Pyrene
Concen: 0.323 ng/ul
RT: 19.701 min Scan# 3650
Delta R.T. -0.000 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Tgt Ion:202 Resp: 19104

Ion	Ratio	Lower	Upper
202	100		
101	13.0	12.5	18.7
100	10.4	10.0	15.0



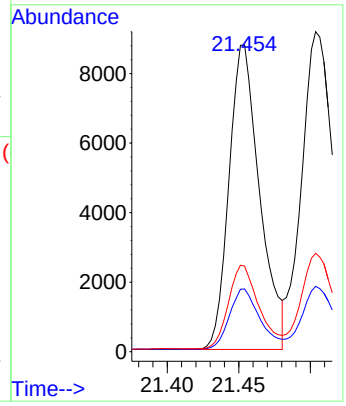


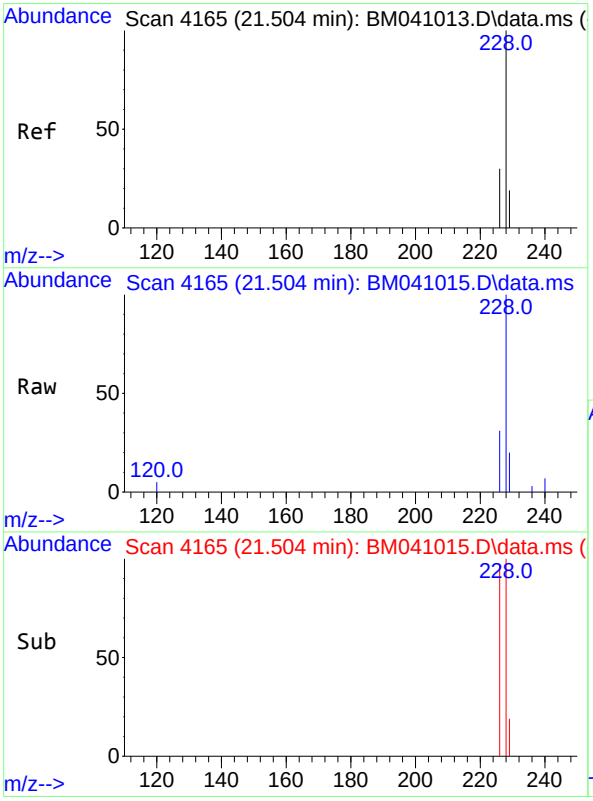
#21
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.454 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Instrument :
BNA_M
ClientSampleId :
SLCS070

Tgt Ion:228 Resp: 13118

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.2	24.4
226	27.9	22.3	33.5

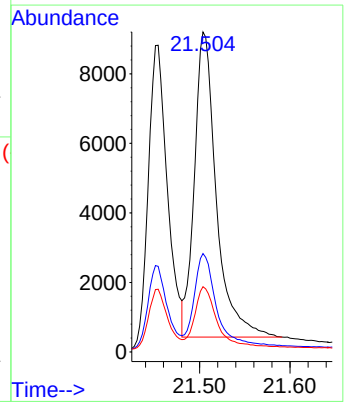


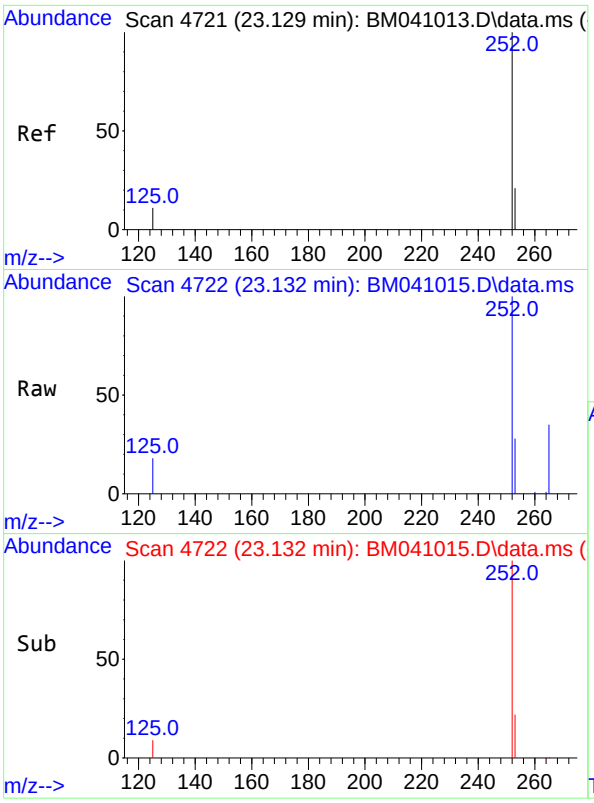


#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.000 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Tgt Ion:228 Resp: 14819

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	20.4	16.1	24.1



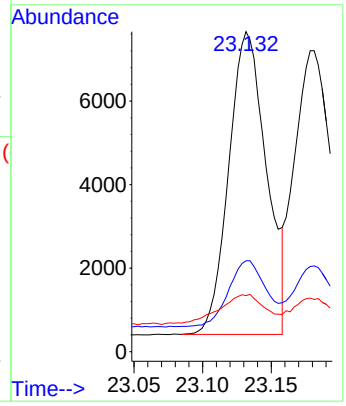


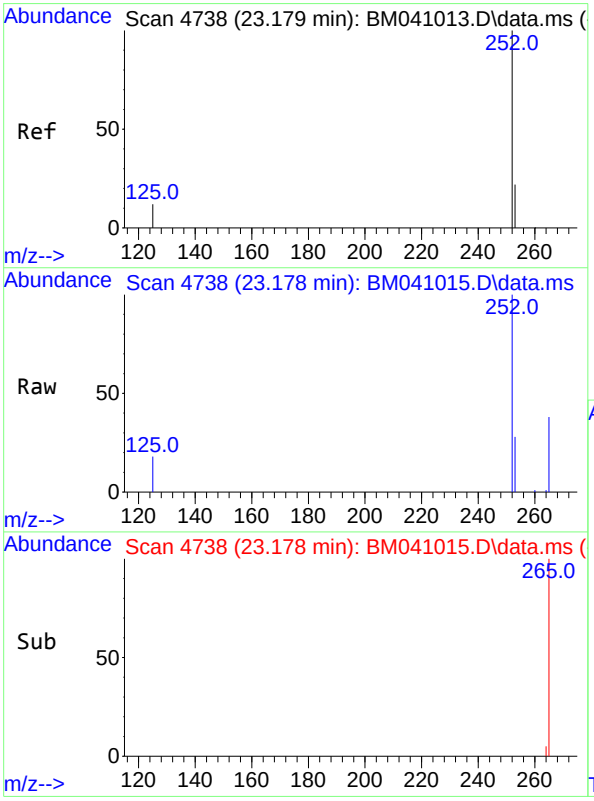
#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul
RT: 23.132 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Instrument :
BNA_M
ClientSampleId :
SLCS070

Tgt Ion:252 Resp: 13852

Ion	Ratio	Lower	Upper
252	100		
253	28.4	0.0	57.4
125	17.5	0.0	45.2

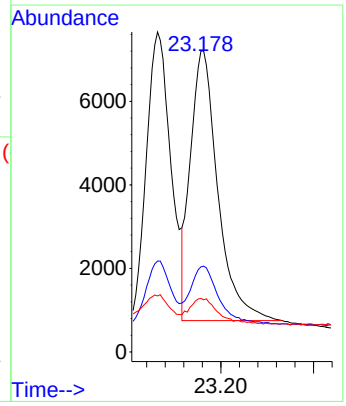


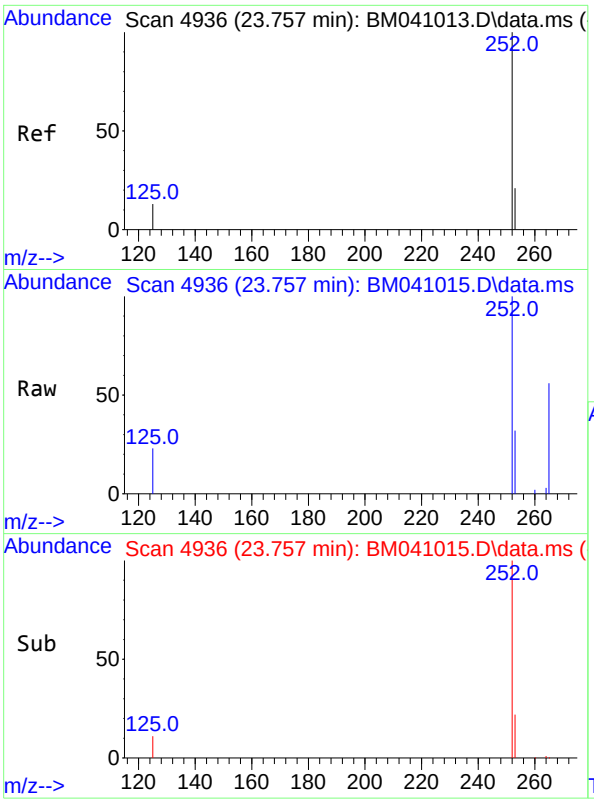


#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 23.178 min Scan# 4738
Delta R.T. -0.000 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Tgt Ion:252 Resp: 13314

Ion	Ratio	Lower	Upper
252	100		
253	28.3	23.3	34.9
125	17.8	18.2	27.2#



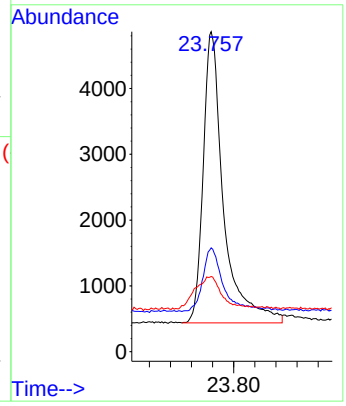


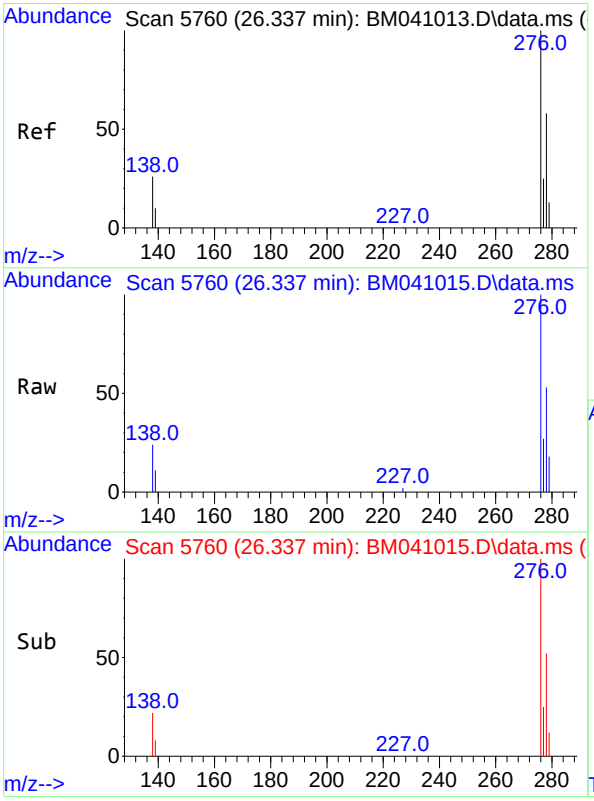
#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.757 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Instrument :
BNA_M
ClientSampleId :
SLCS070

Tgt Ion:252 Resp: 11854

Ion	Ratio	Lower	Upper
252	100		
253	32.4	28.2	42.2
125	23.5	25.2	37.8#

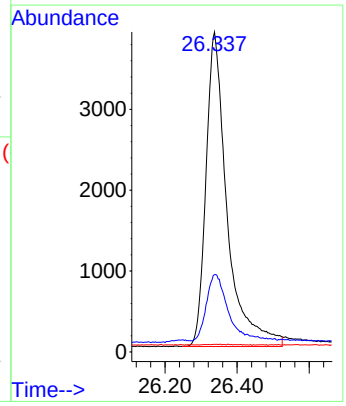


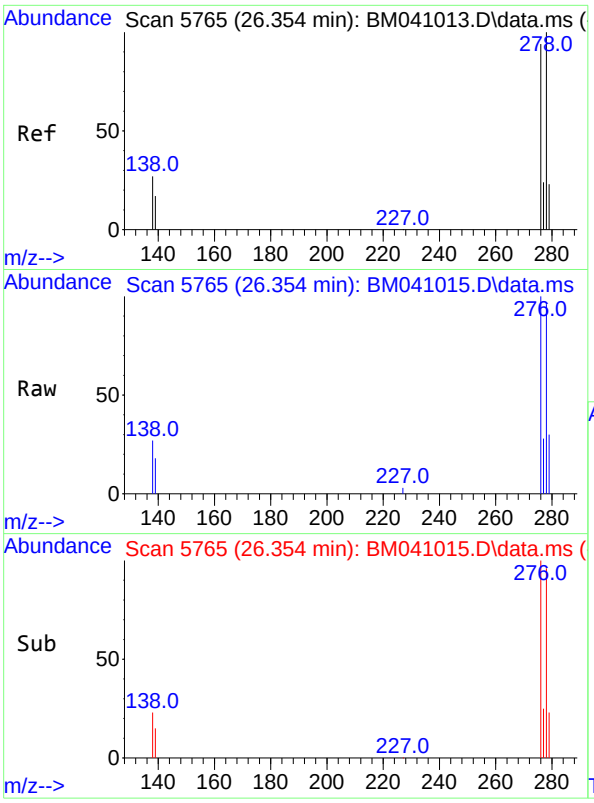


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 26.337 min Scan# 5760
Delta R.T. -0.000 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Tgt Ion:276 Resp: 15843

Ion	Ratio	Lower	Upper
276	100		
138	22.4	22.3	33.5
227	0.1	0.0	0.0#



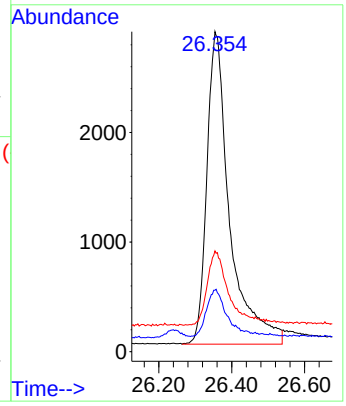


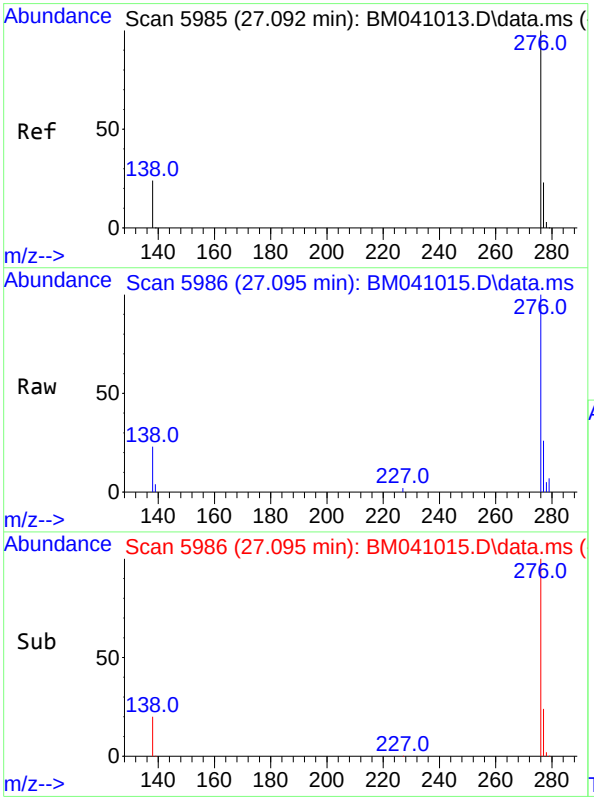
#28
Dibenzo(a,h)anthracene
Concen: 0.380 ng/ul
RT: 26.354 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Instrument :
BNA_M
ClientSampleId :
SLCS070

Tgt Ion:278 Resp: 12386

Ion	Ratio	Lower	Upper
278	100		
139	19.2	19.2	28.8
279	31.5	27.0	40.6





#29
Benzo(g,h,i)perylene
Concen: 0.355 ng/ul
RT: 27.095 min Scan# 5986
Delta R.T. 0.003 min
Lab File: BM041015.D
Acq: 21 Jul 2023 13:07

Tgt Ion:276 Resp: 14143

Ion	Ratio	Lower	Upper
276	100		
138	23.1	22.6	34.0
277	25.8	21.2	31.8