Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040892.D
Acq On : 14 Jul 2023 23:19
Operator : MA/JU
Sample : 03437-11MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46K7MS

Quant Time: Jul 15 04:00:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	4569	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	14523	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	6045	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	10913	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	7436	0.400	ng/ul	0.00
23) Perylene-d12	23.825	264	7350	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	4065	0.566	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	6238	0.306	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	8657	0.363	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	9199	1.259	ng/ul	90
5) Naphthalene	10.713	128	12021	0.300	ng/ul	98
7) 2-Methylnaphthalene	12.330	142	6755	0.287	ng/ul	100
8) 1-Methylnaphthalene	12.550	142	7045	0.300	ng/ul	98
10) Acenaphthylene	14.226	152	8111	0.300	ng/ul	98
11) Acenaphthene	14.569	153	6719	0.295	ng/ul	99
12) Fluorene	15.559	166	6896	0.283	ng/ul	99
14) Pentachlorophenol	16.919	266	438	0.208	ng/ul	93
15) Phenanthrene	17.303	178	12424	0.367	ng/ul	99
16) Anthracene	17.392	178	8682	0.305	ng/ul	97
19) Fluoranthene	19.320	202	14372	0.455	ng/ul	99
20) Pyrene	19.682	202	14906	0.440	ng/ul	99
21) Benzo(a)anthracene	21.434	228	10025	0.399	ng/ul	99
22) Chrysene	21.483	228	10708	0.373	ng/ul	98
24) Benzo(b)fluoranthene	23.099	252	11436	0.402	ng/ul	98
25) Benzo(k)fluoranthene	23.149	252	9787	0.349	ng/ul	95
26) Benzo(a)pyrene	23.719	252	9357	0.365	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.280	276	12108	0.339	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.300	278	9005	0.322	ng/ul	97
29) Benzo(g,h,i)perylene	27.038	276	10659	0.341	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
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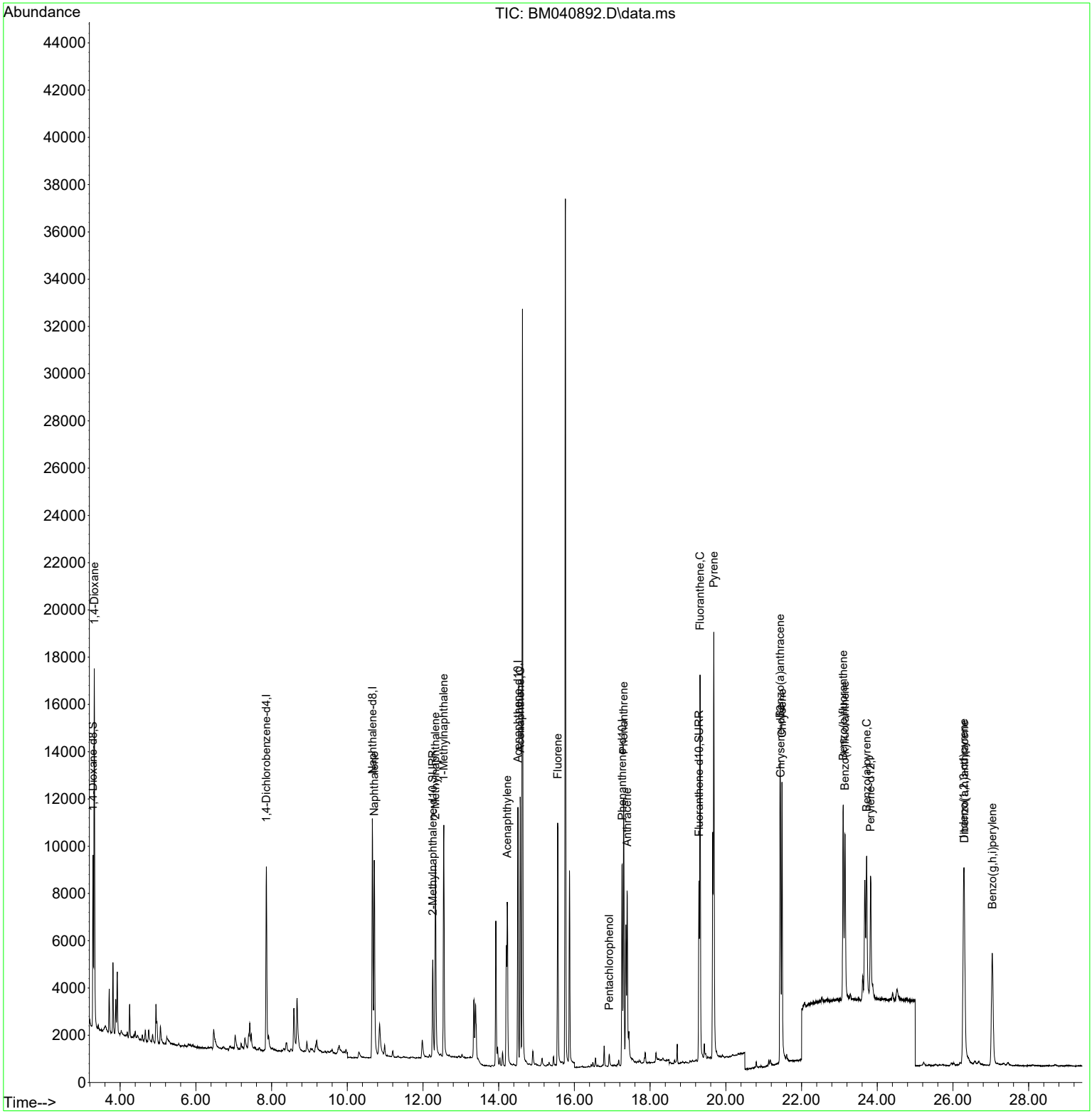
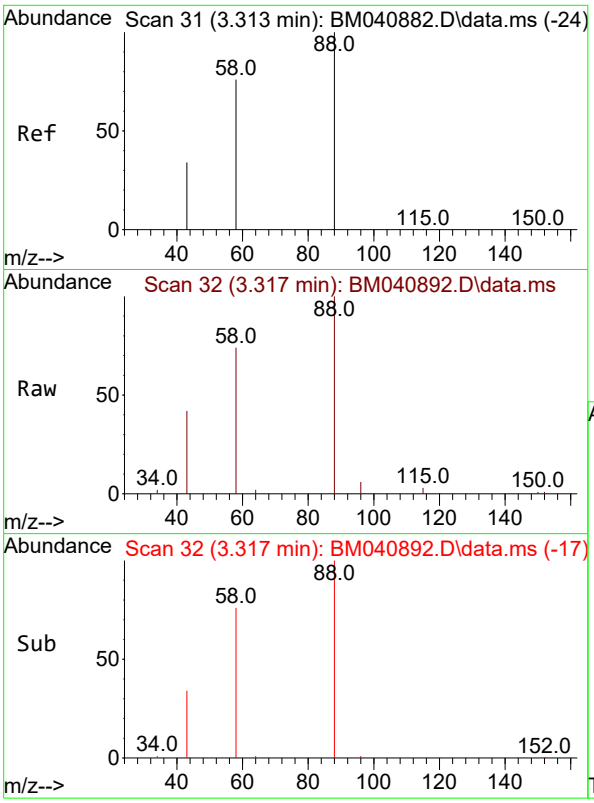


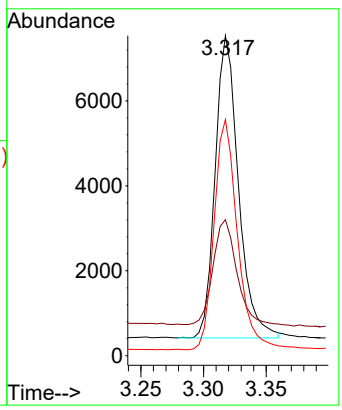


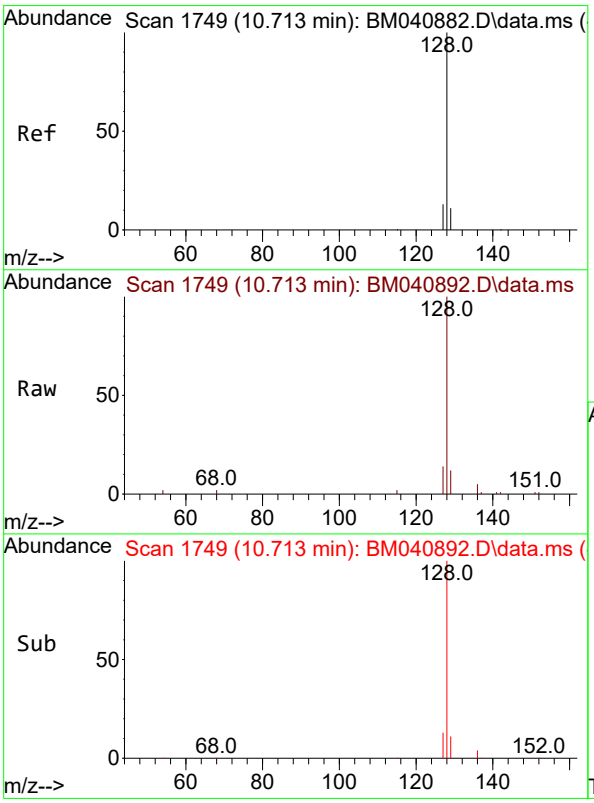
#2
1,4-Dioxane
Concen: 1.259 ng/ul
RT: 3.317 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Instrument :
BNA_M
ClientSampleId :
A46K7MS

Tgt Ion: 88 Resp: 9199

Ion	Ratio	Lower	Upper
88	100		
43	42.5	36.1	54.1
58	73.8	49.8	74.8

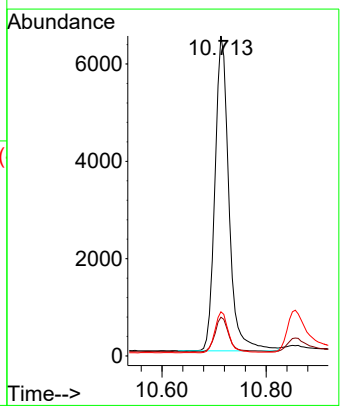


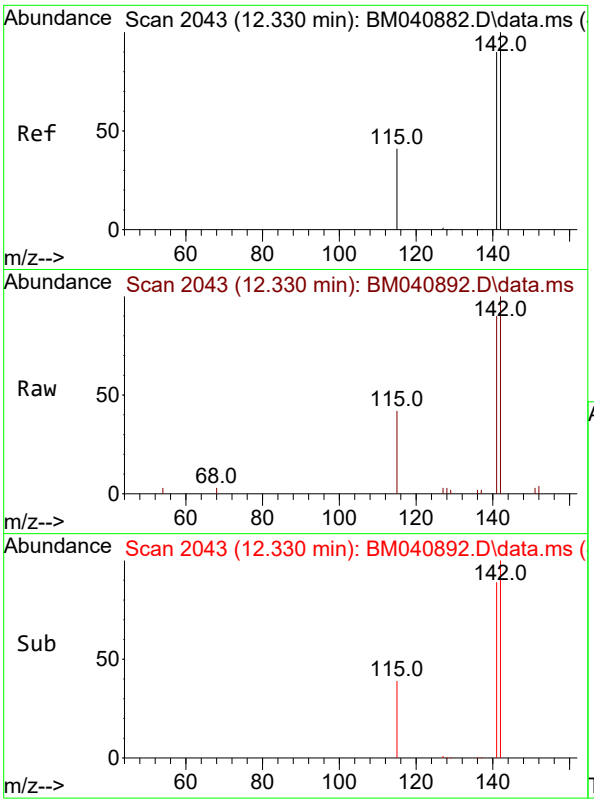


#5
Naphthalene
Concen: 0.300 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:128 Resp: 12021

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.2	13.8
127	13.8	10.6	15.8



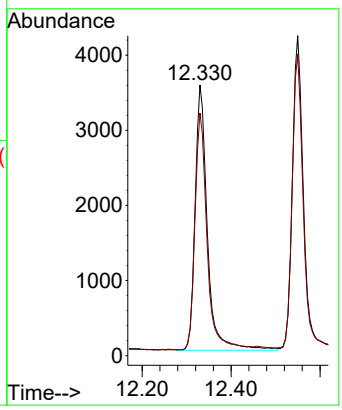


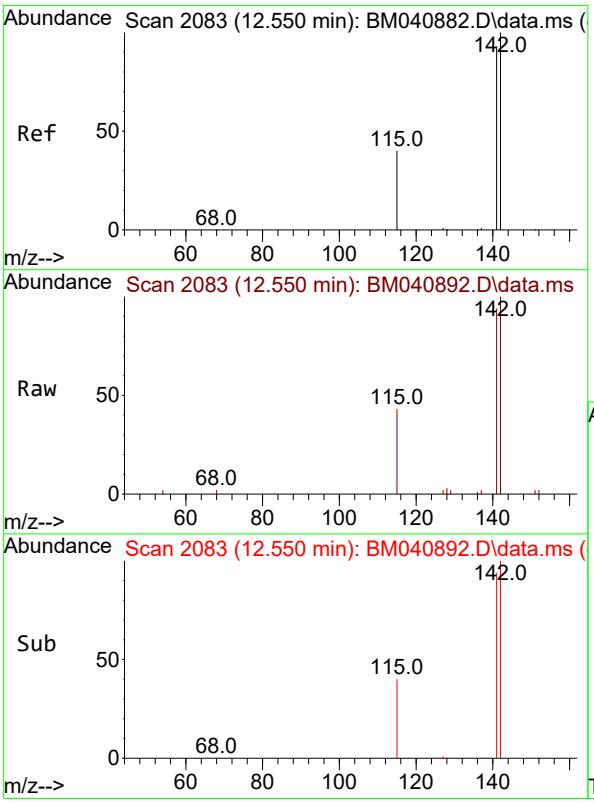
#7
2-Methylnaphthalene
Concen: 0.287 ng/ul
RT: 12.330 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Instrument :
BNA_M
ClientSampleId :
A46K7MS

Tgt Ion:142 Resp: 6755

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9

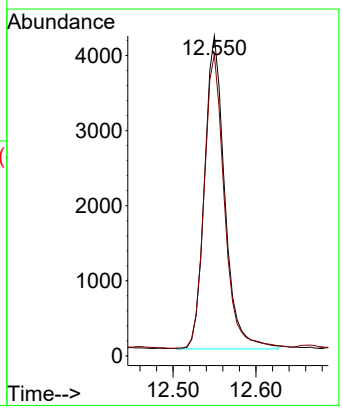


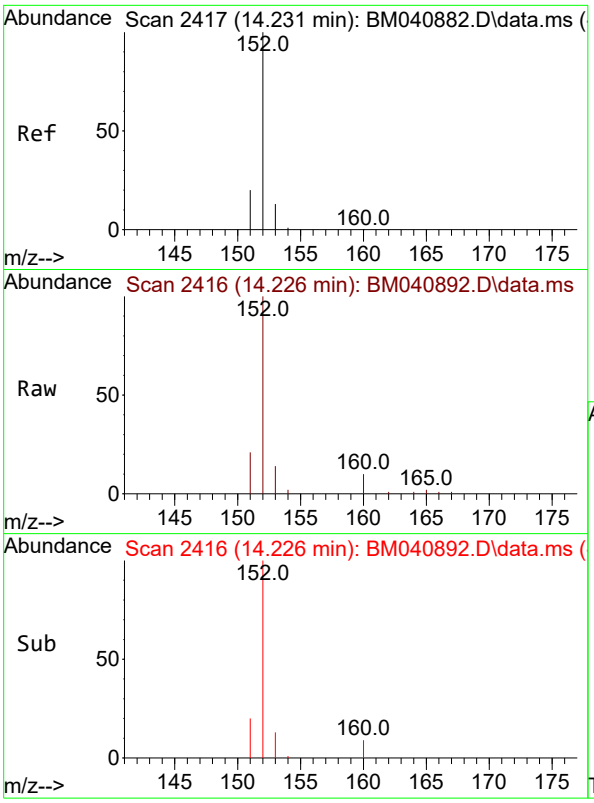


#8
1-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:142 Resp: 7045

Ion	Ratio	Lower	Upper
142	100		
141	94.2	73.7	110.5



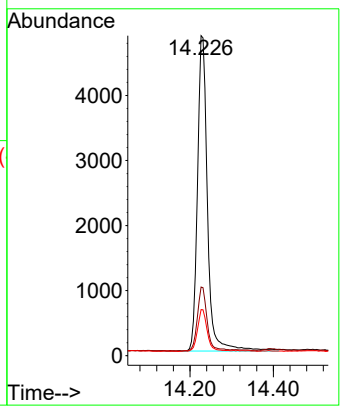


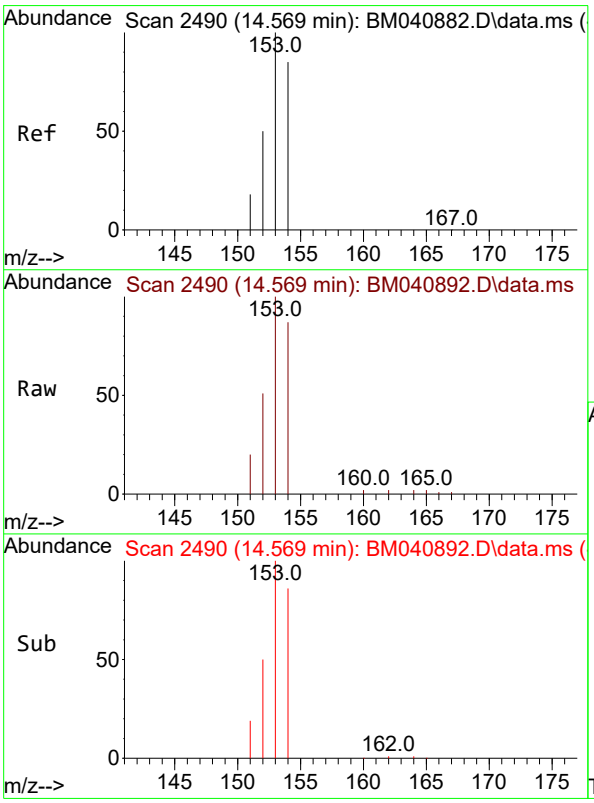
#10
Acenaphthylene
Concen: 0.300 ng/ul
RT: 14.226 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Instrument :
BNA_M
ClientSampleId :
A46K7MS

Tgt Ion:152 Resp: 8111

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.2	24.2
153	14.4	10.9	16.3

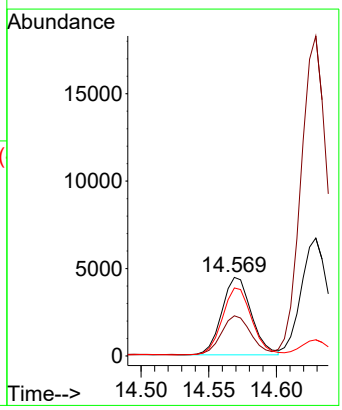


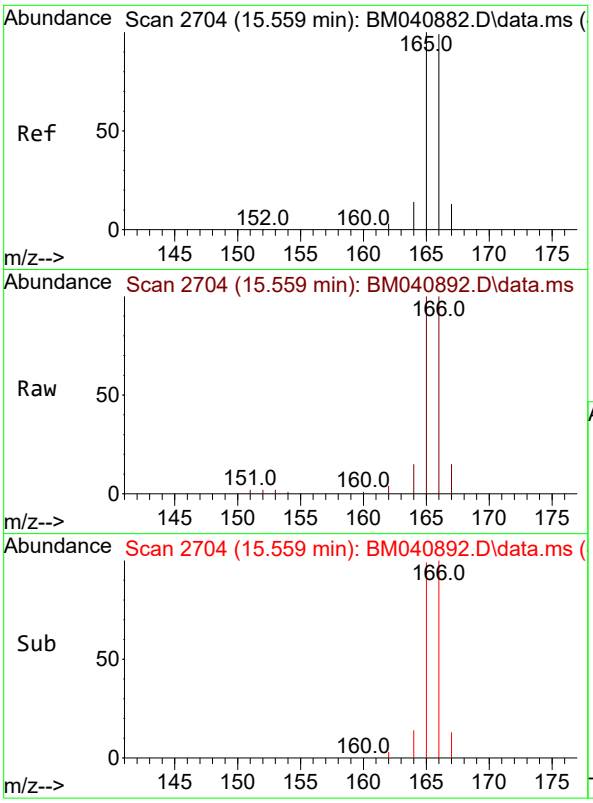


#11
Acenaphthene
Concen: 0.295 ng/ul
RT: 14.569 min Scan# 2490
Delta R.T. -0.000 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:153 Resp: 6719

Ion	Ratio	Lower	Upper
153	100		
152	51.1	41.0	61.4
154	86.6	70.8	106.2



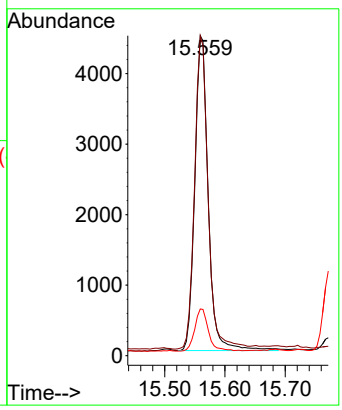


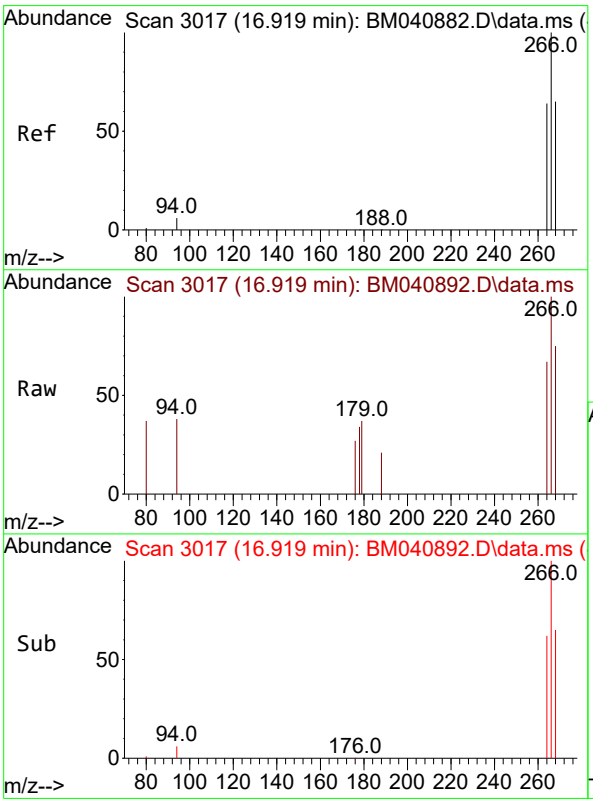
#12
Fluorene
Concen: 0.283 ng/ul
RT: 15.559 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Instrument :
BNA_M
ClientSampleId :
A46K7MS

Tgt Ion:166 Resp: 6896

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.6	119.4
167	14.6	11.4	17.0

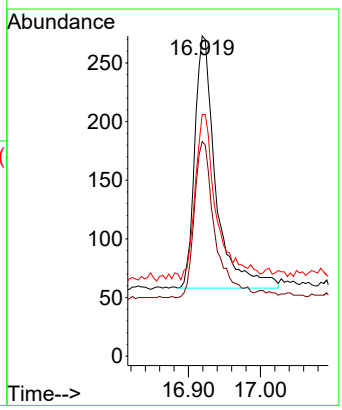


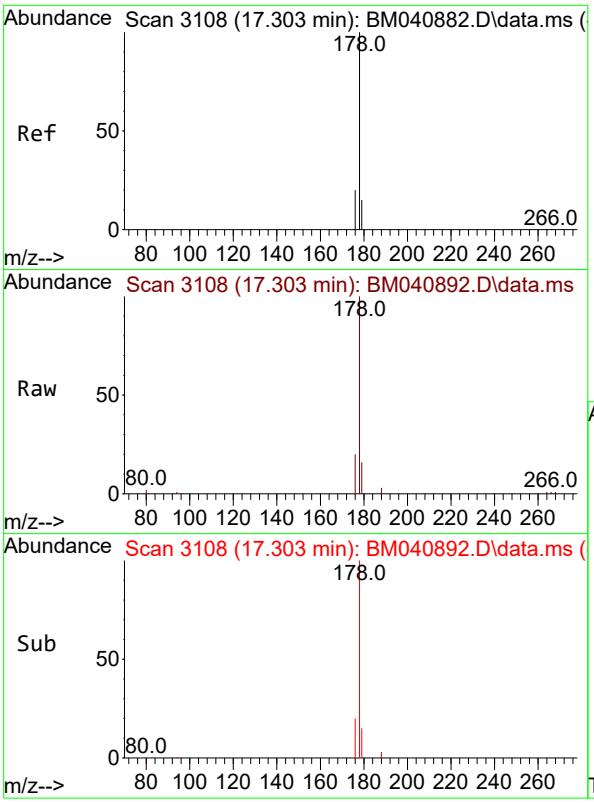


#14
Pentachlorophenol
Concen: 0.208 ng/ul
RT: 16.919 min Scan# 3017
Delta R.T. -0.000 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:266 Resp: 438

Ion	Ratio	Lower	Upper
266	100		
264	60.0	45.4	68.0
268	66.4	47.2	70.8



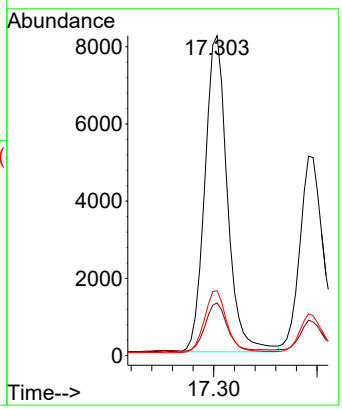


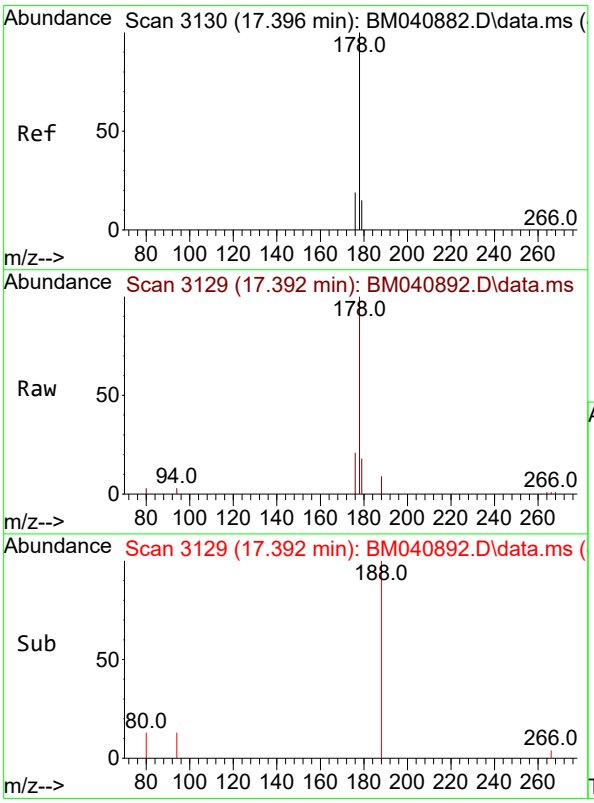
#15
Phenanthrene
Concen: 0.367 ng/ul
RT: 17.303 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Instrument :
BNA_M
ClientSampleId :
A46K7MS

Tgt Ion:178 Resp: 12424

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.8	19.2
176	20.3	16.4	24.6

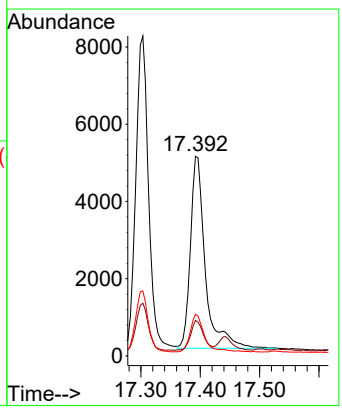


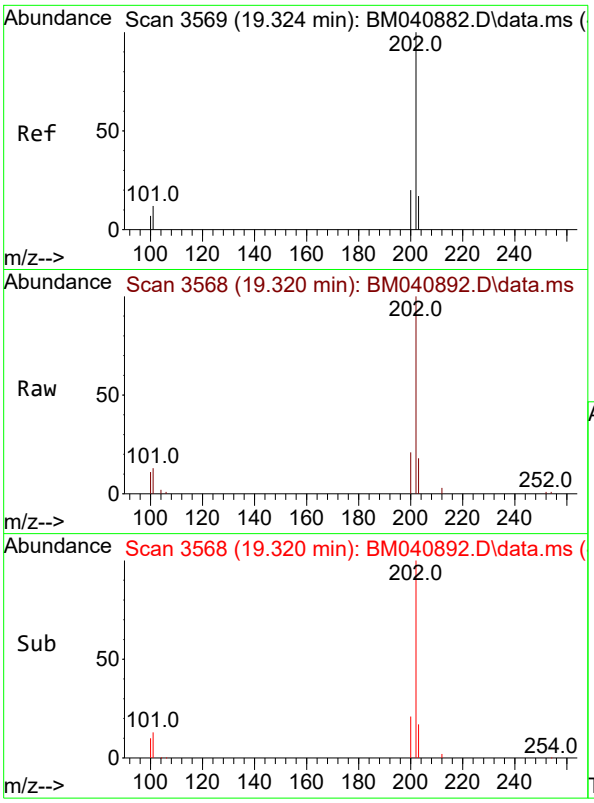


#16
Anthracene
Concen: 0.305 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:178 Resp: 8682

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.9	19.3
176	20.9	15.8	23.6



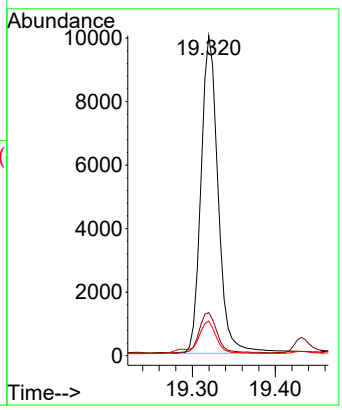


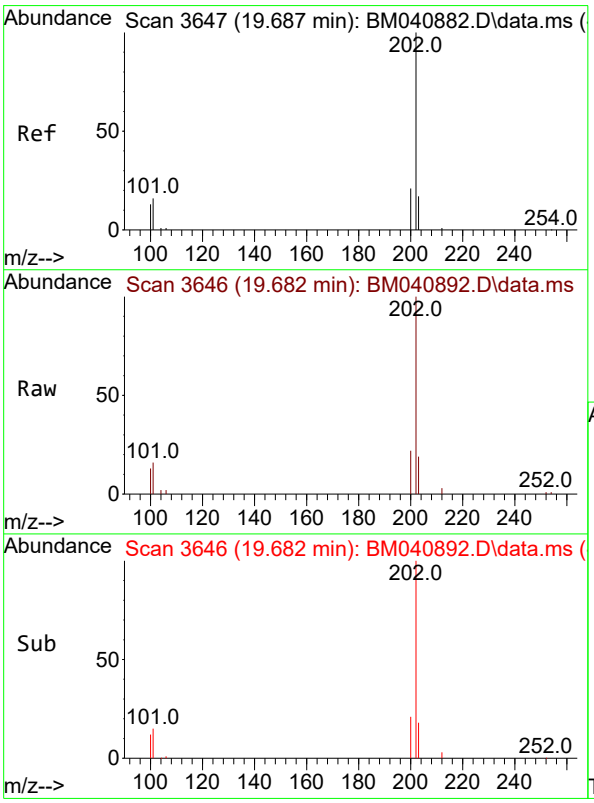
#19
Fluoranthene
Concen: 0.455 ng/ul
RT: 19.320 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Instrument :
BNA_M
ClientSampleId :
A46K7MS

Tgt Ion:202 Resp: 14372

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.4	17.0
100	10.8	8.7	13.1

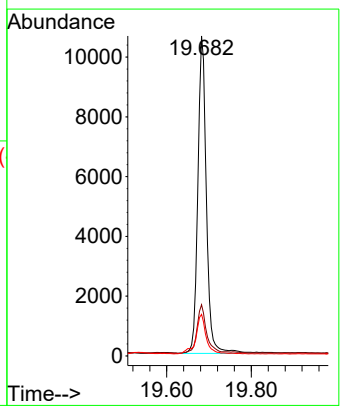


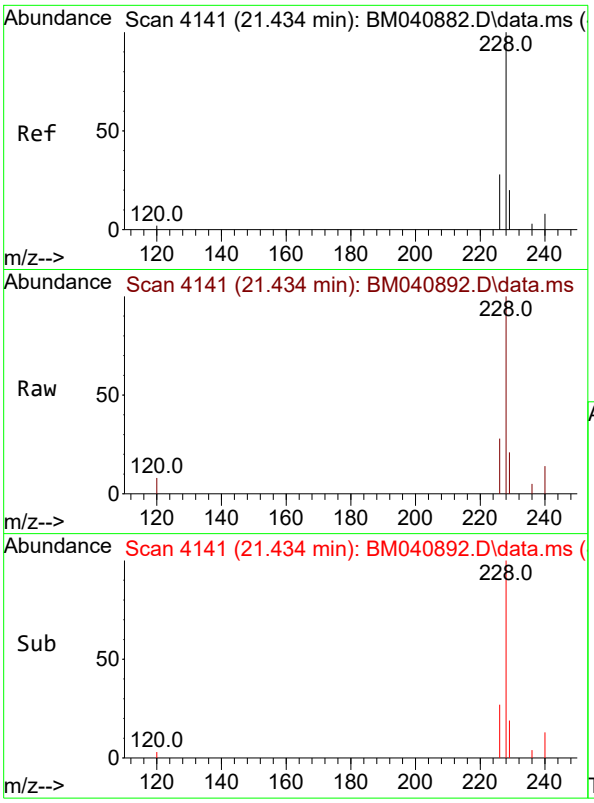


#20
Pyrene
Concen: 0.440 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:202 Resp: 14906

Ion	Ratio	Lower	Upper
202	100		
101	16.0	12.6	18.8
100	13.0	9.8	14.6



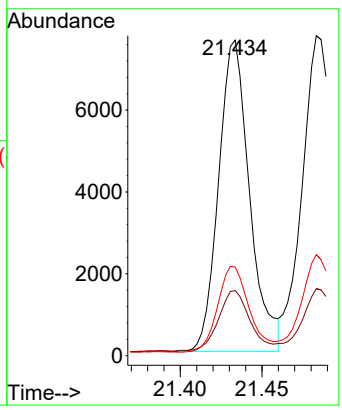


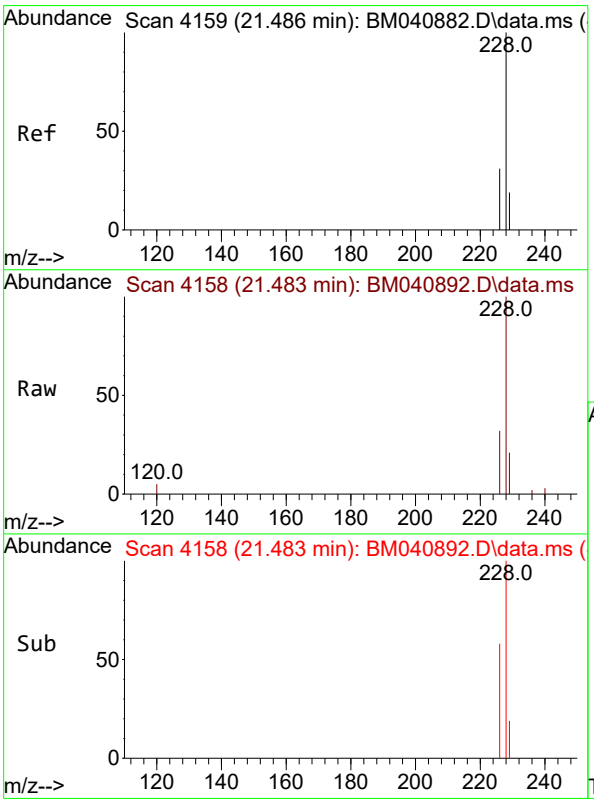
#21
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 21.434 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Instrument :
BNA_M
ClientSampleId :
A46K7MS

Tgt Ion:228 Resp: 10025

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.0	24.0
226	28.1	22.3	33.5

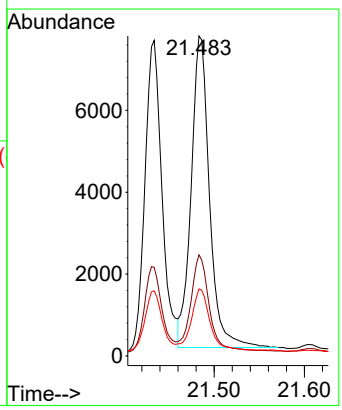


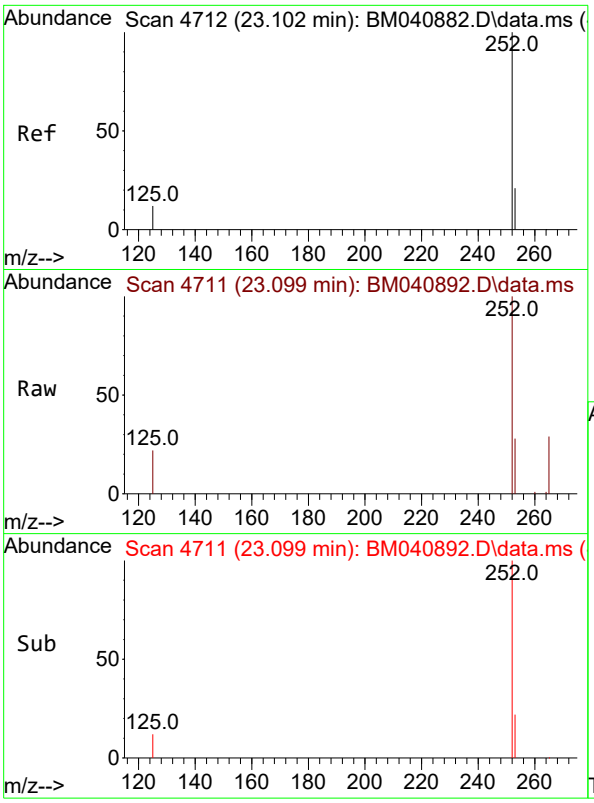


#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.483 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:228 Resp: 10708

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	20.9	15.8	23.6



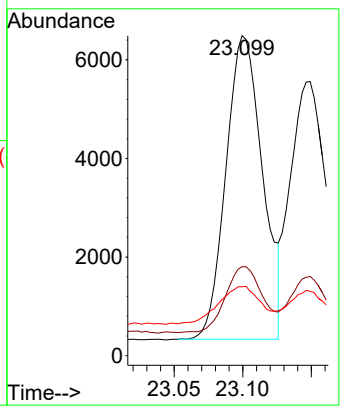


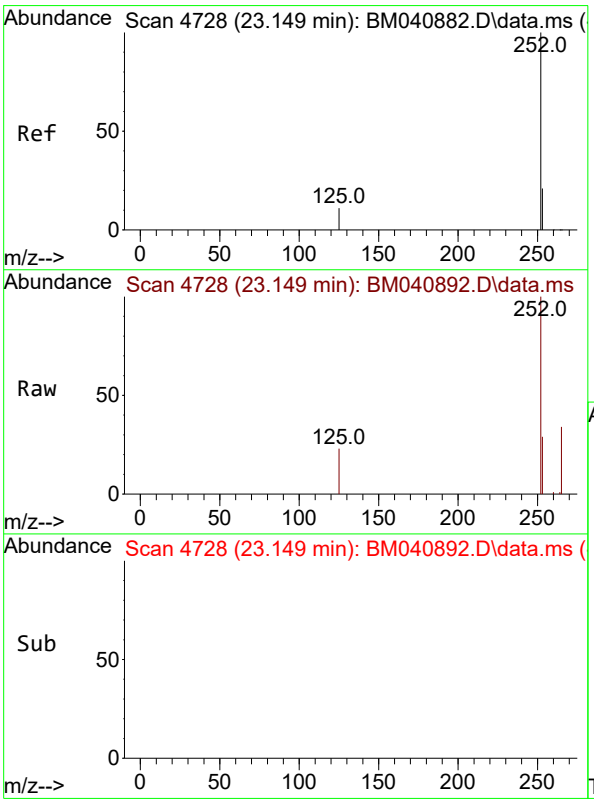
#24
Benzo(b)fluoranthene
Concen: 0.402 ng/ul
RT: 23.099 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Instrument :
BNA_M
ClientSampleId :
A46K7MS

Tgt Ion:252 Resp: 11436

Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	52.8
125	21.5	0.0	43.0

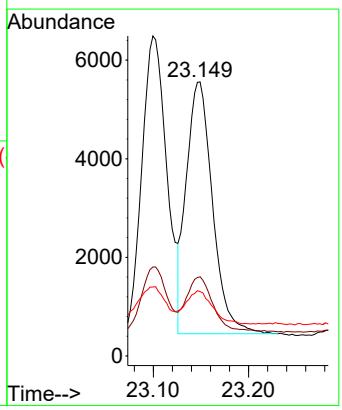


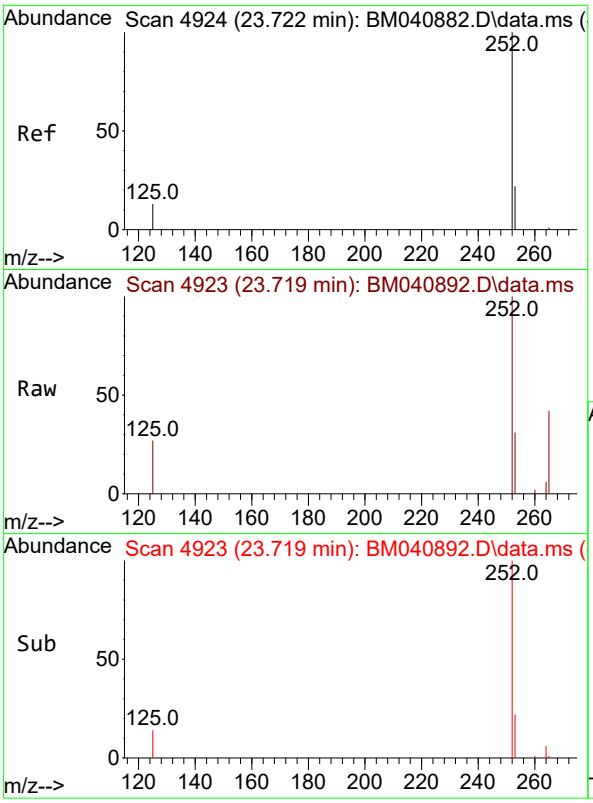


#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 23.149 min Scan# 4728
Delta R.T. -0.000 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:252 Resp: 9787

Ion	Ratio	Lower	Upper
252	100		
253	28.9	21.2	31.8
125	23.5	16.4	24.6



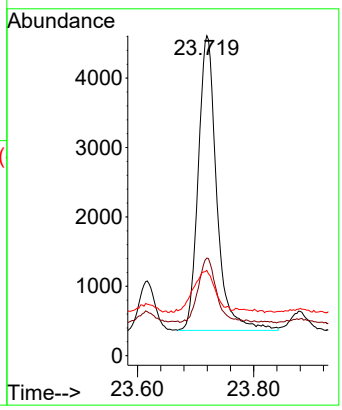


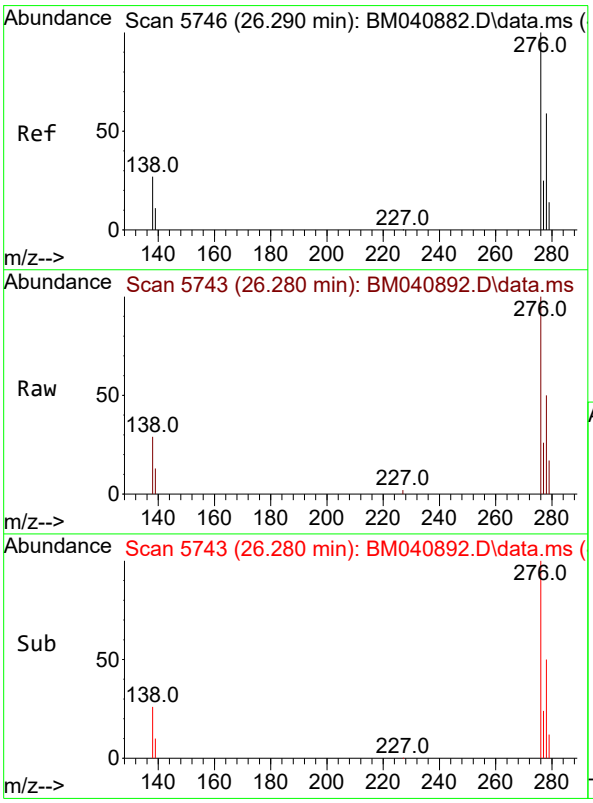
#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.719 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Instrument :
BNA_M
ClientSampleId :
A46K7MS

Tgt Ion:252 Resp: 9357

Ion	Ratio	Lower	Upper
252	100		
253	30.5	22.9	34.3
125	26.7	21.0	31.4

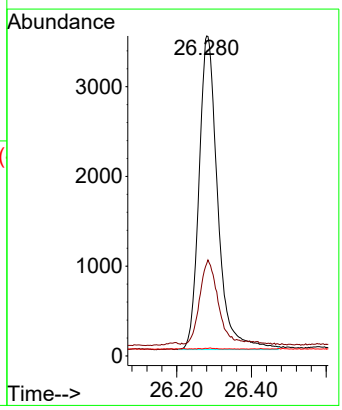


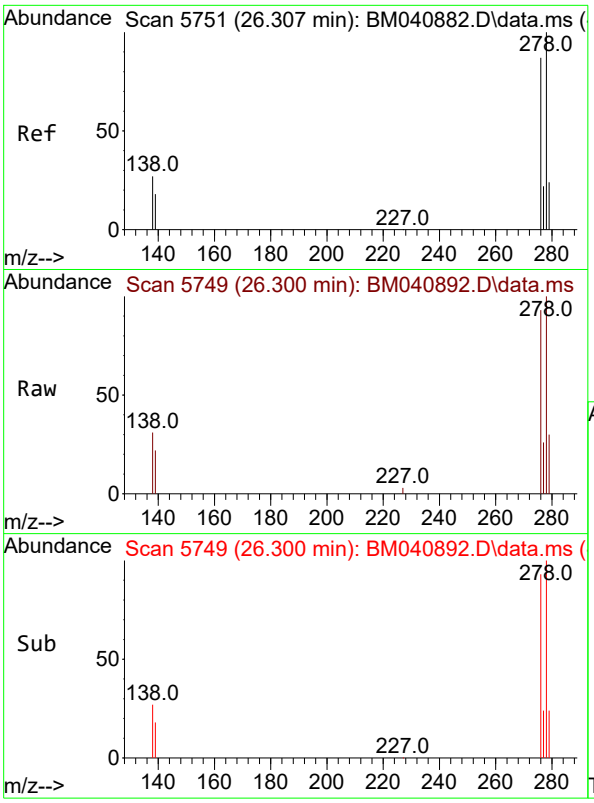


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng/ul
RT: 26.280 min Scan# 5743
Delta R.T. -0.010 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:276 Resp: 12108

Ion	Ratio	Lower	Upper
276	100		
138	27.3	24.5	36.7
227	0.2	0.1	0.1#



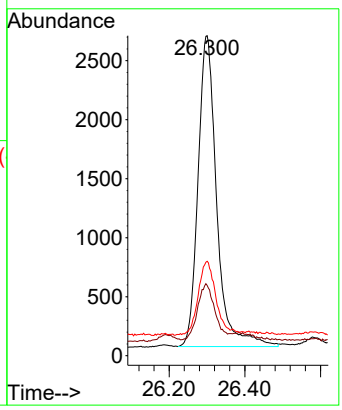


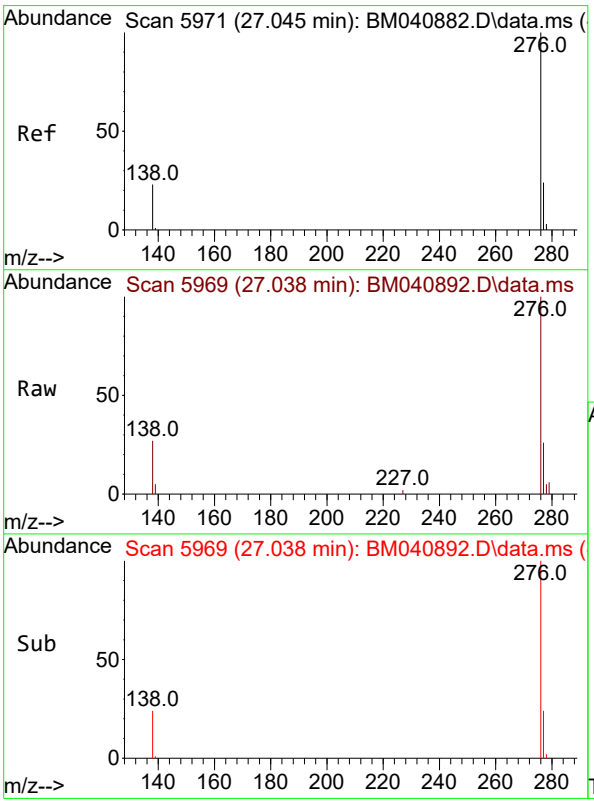
#28
Dibenzo(a,h)anthracene
Concen: 0.322 ng/ul
RT: 26.300 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Instrument :
BNA_M
ClientSampleId :
A46K7MS

Tgt Ion:278 Resp: 9005

Ion	Ratio	Lower	Upper
278	100		
139	22.0	17.9	26.9
279	29.5	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 0.341 ng/ul
RT: 27.038 min Scan# 5969
Delta R.T. -0.007 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:276 Resp: 10659

Ion	Ratio	Lower	Upper
276	100		
138	27.4	23.0	34.6
277	26.3	20.3	30.5