Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090523\
Data File : BM041661.D
Acq On : 05 Sep 2023 20:50
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV021

Quant Time: Sep 06 02:24:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	4774	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	10798	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.647	164	4323	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	8607	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	3235	0.400	ng/ul	0.00
23) Perylene-d12	24.000	264	3313	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	2989	0.410	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	5510	0.396	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	6195	0.395	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.444	88	3112	0.411	ng/ul	98
5) Naphthalene	10.873	128	14196	0.400	ng/ul	100
7) 2-Methylnaphthalene	12.478	142	8057	0.400	ng/ul	100
8) 1-Methylnaphthalene	12.698	142	8097	0.400	ng/ul	100
10) Acenaphthylene	14.375	152	10641	0.398	ng/ul	100
11) Acenaphthene	14.708	153	8435	0.406	ng/ul	99
12) Fluorene	15.693	166	9418	0.404	ng/ul	98
14) Pentachlorophenol	17.020	266	1338	0.388	ng/ul	99
15) Phenanthrene	17.438	178	14764	0.406	ng/ul	99
16) Anthracene	17.531	178	12498	0.401	ng/ul	99
19) Fluoranthene	19.445	202	15385	0.403	ng/ul	98
20) Pyrene	19.812	202	15351	0.405	ng/ul	98
21) Benzo(a)anthracene	21.550	228	10433	0.395	ng/ul	99
22) Chrysene	21.603	228	11572	0.407	ng/ul	99
24) Benzo(b)fluoranthene	23.249	252	12272	0.414	ng/ul	98
25) Benzo(k)fluoranthene	23.298	252	11492	0.396	ng/ul	99
26) Benzo(a)pyrene	23.889	252	9836	0.408	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.522	276	13499	0.408	ng/ul#	42
28) Dibenzo(a,h)anthracene	26.545	278	9473	0.409	ng/ul	97
29) Benzo(g,h,i)perylene	27.310	276	11894	0.406	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090523\
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Quant Time: Sep 06 02:24:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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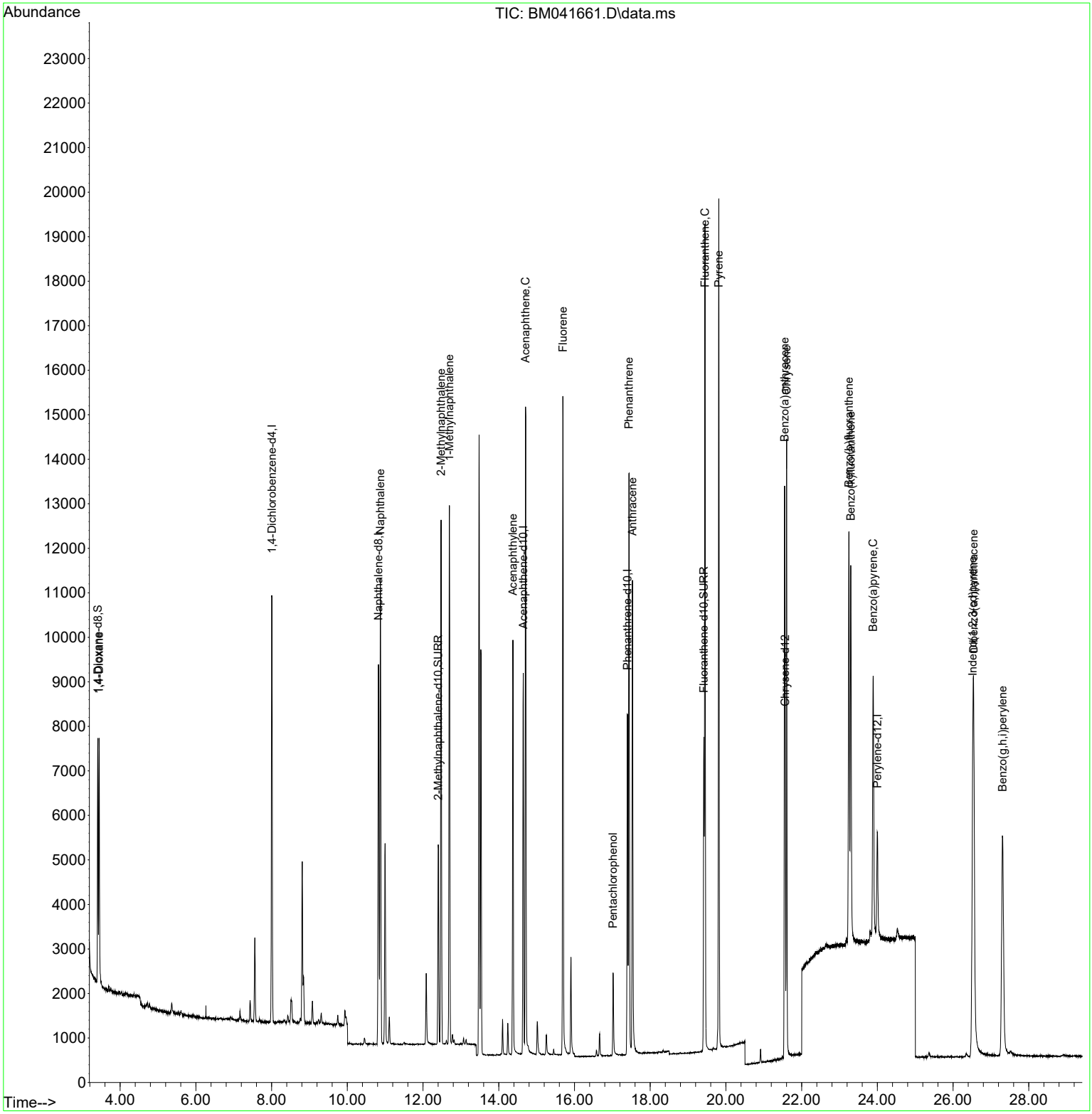
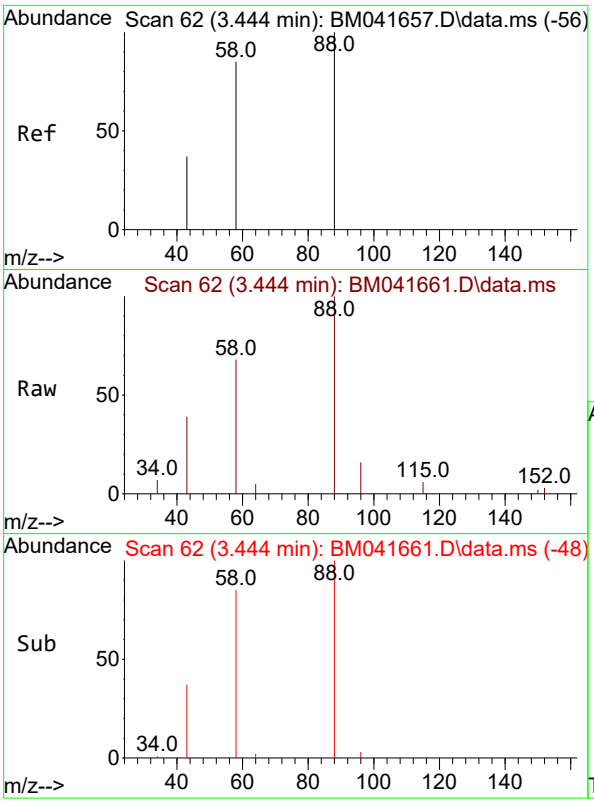


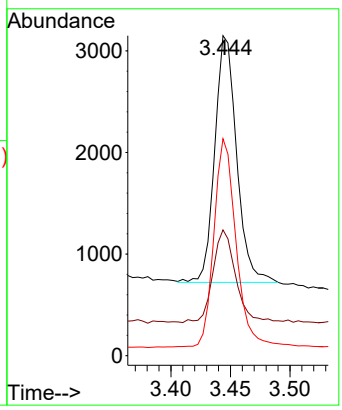


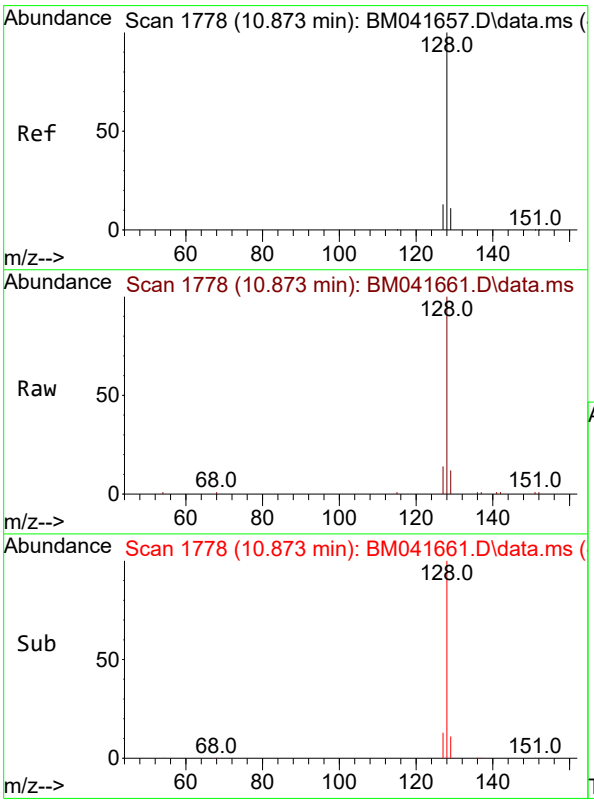
#2
1,4-Dioxane
Concen: 0.411 ng/ul
RT: 3.444 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion: 88 Resp: 3112

Ion	Ratio	Lower	Upper
88	100		
43	39.3	33.8	50.6
58	67.8	54.2	81.2

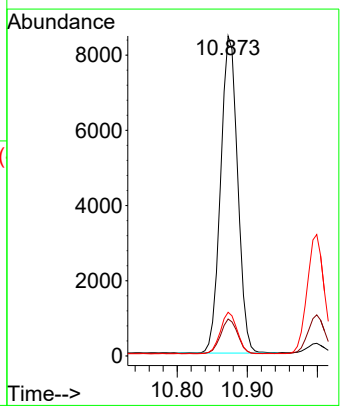


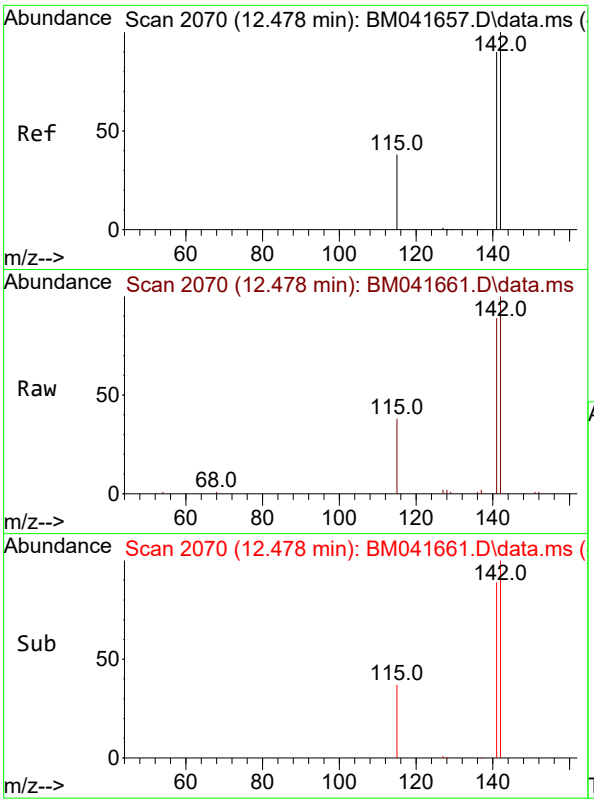


#5
Naphthalene
Concen: 0.400 ng/ul
RT: 10.873 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Tgt Ion:128 Resp: 14196

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	13.6	11.0	16.6



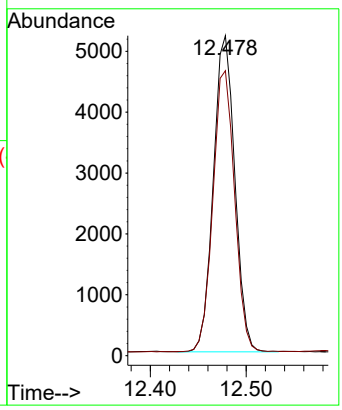


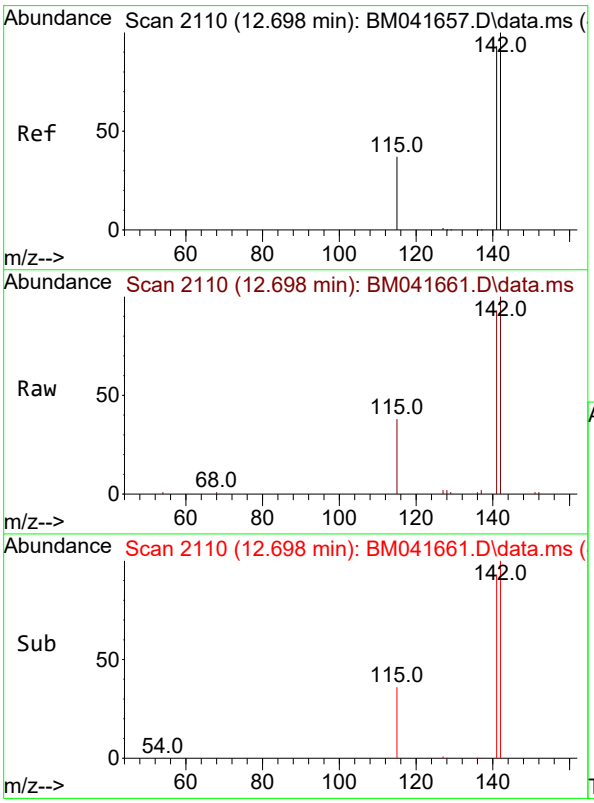
#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.478 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:142 Resp: 8057

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.2	108.2

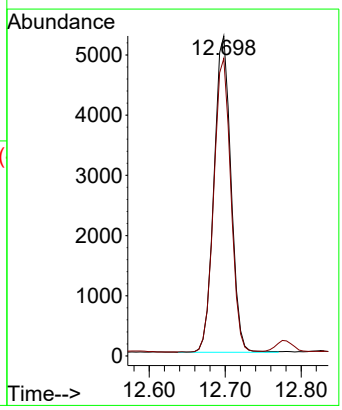


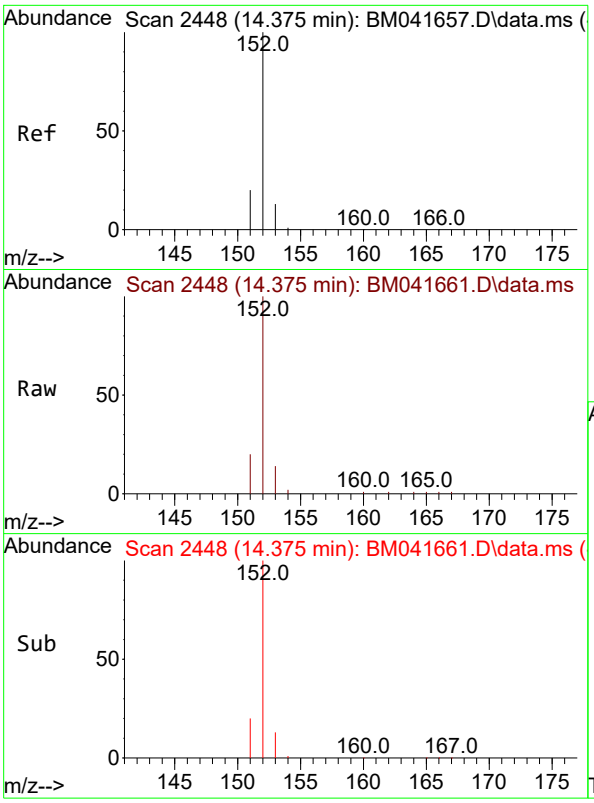


#8
1-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.698 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Tgt Ion:142 Resp: 8097

Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.4	111.6



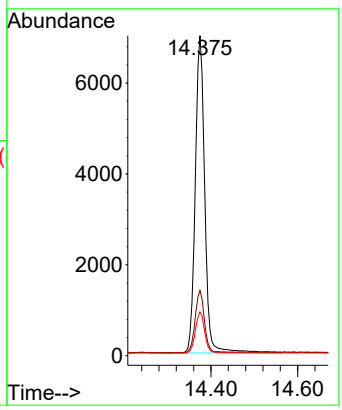


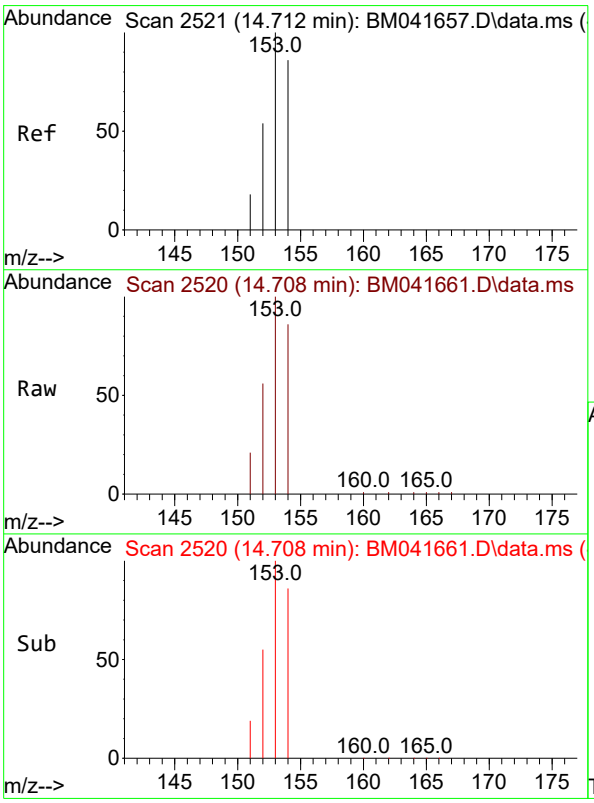
#10
Acenaphthylene
Concen: 0.398 ng/ul
RT: 14.375 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:152 Resp: 10641

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.7	11.1	16.7

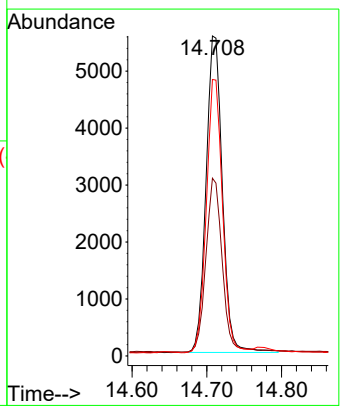


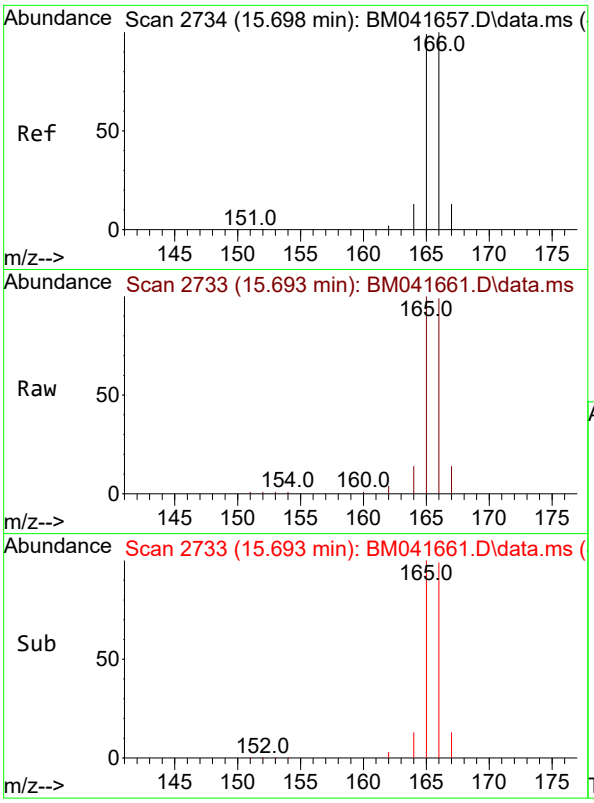


#11
Acenaphthene
Concen: 0.406 ng/ul
RT: 14.708 min Scan# 2520
Delta R.T. -0.005 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Tgt Ion:153 Resp: 8435

Ion	Ratio	Lower	Upper
153	100		
152	55.5	43.4	65.2
154	86.4	69.4	104.0



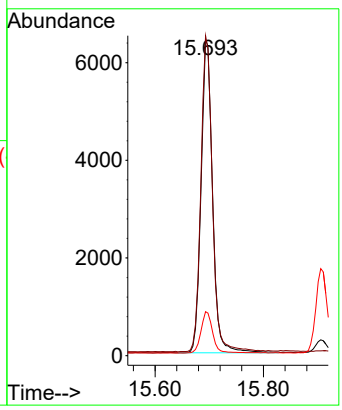


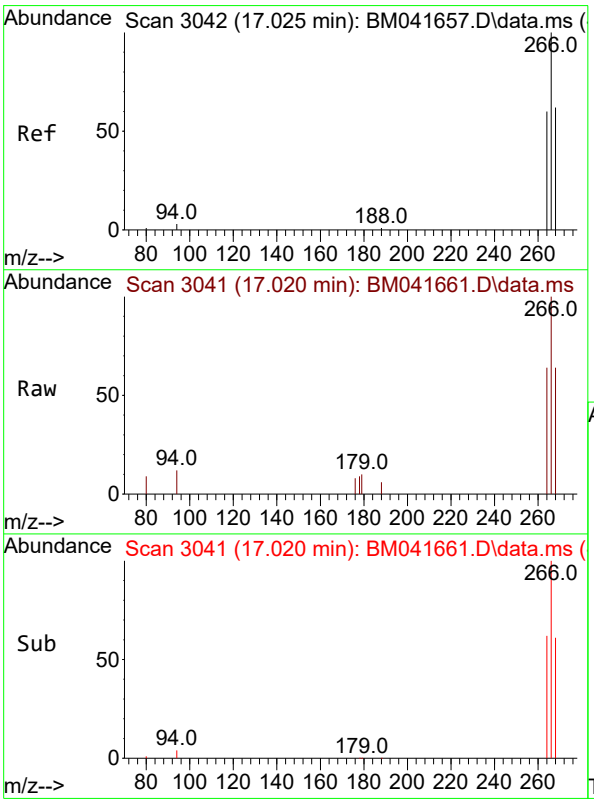
#12
Fluorene
Concen: 0.404 ng/ul
RT: 15.693 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:166 Resp: 9418

Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.4	119.2
167	13.9	11.3	16.9

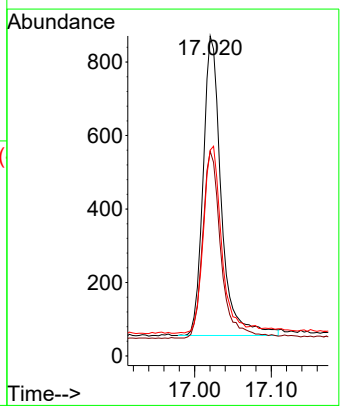


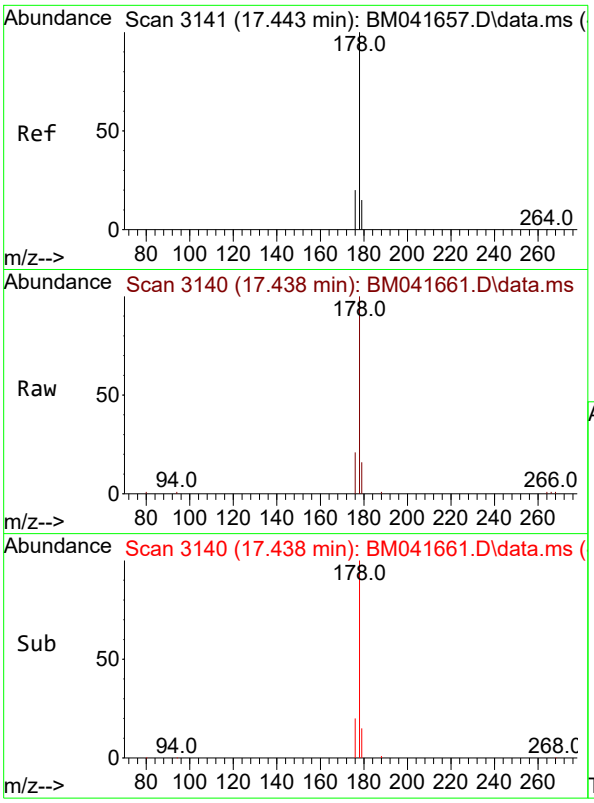


#14
Pentachlorophenol
Concen: 0.388 ng/ul
RT: 17.020 min Scan# 3041
Delta R.T. -0.004 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Tgt Ion:266 Resp: 1338

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.0	75.0
268	64.4	50.8	76.2



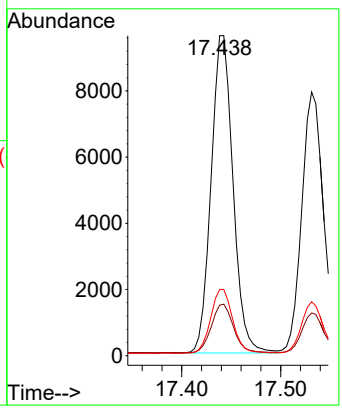


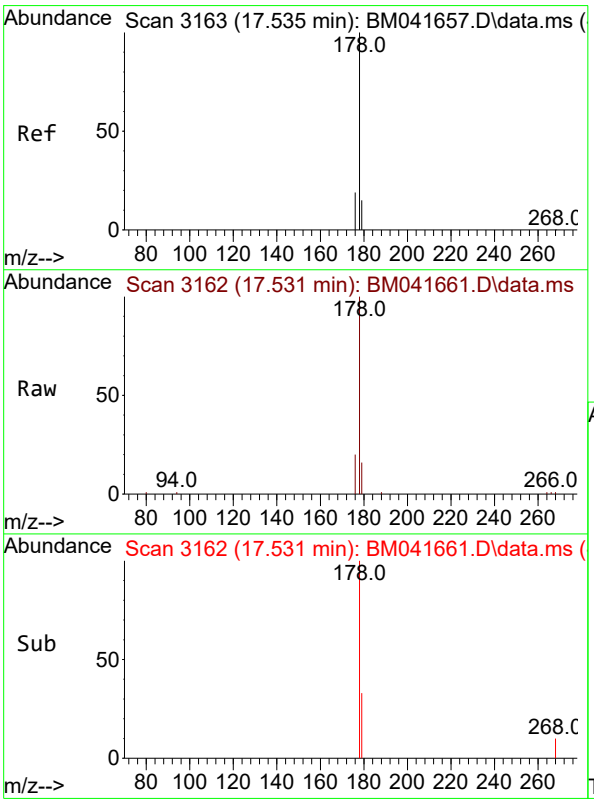
#15
Phenanthrene
Concen: 0.406 ng/ul
RT: 17.438 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:178 Resp: 14764

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	20.7	16.9	25.3

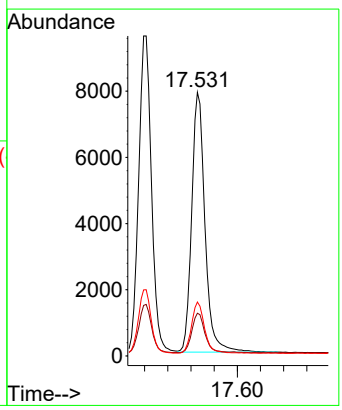


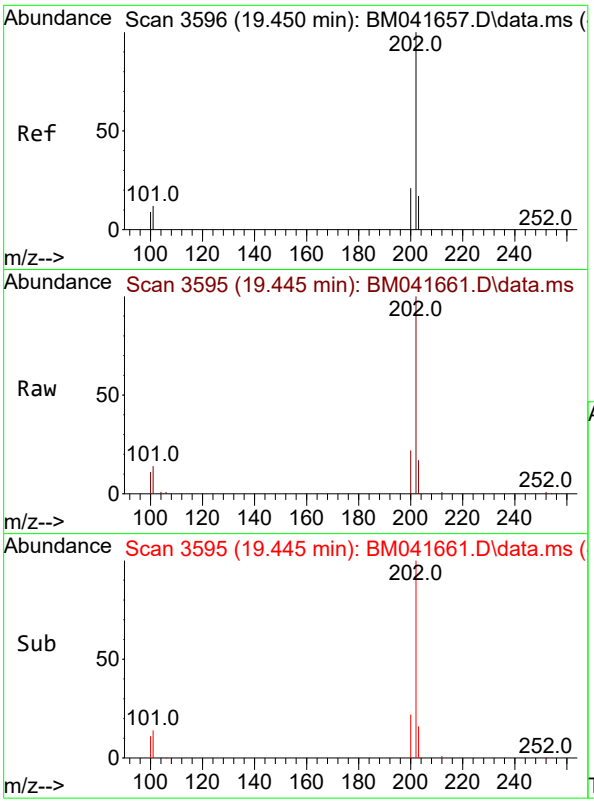


#16
Anthracene
Concen: 0.401 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Tgt Ion:178 Resp: 12498

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	20.5	15.8	23.8



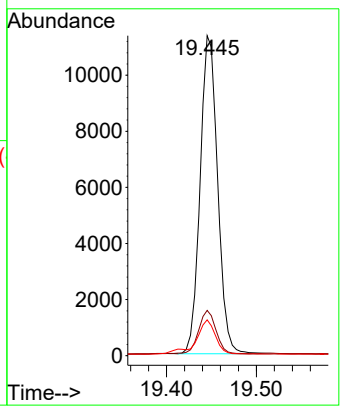


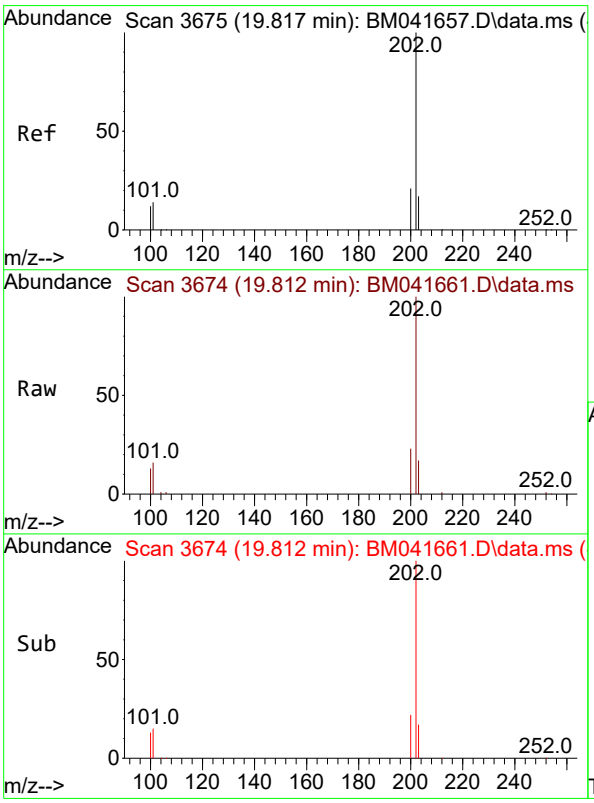
#19
Fluoranthene
Concen: 0.403 ng/ul
RT: 19.445 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:202 Resp: 15385

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.5	15.7
100	11.2	8.4	12.6

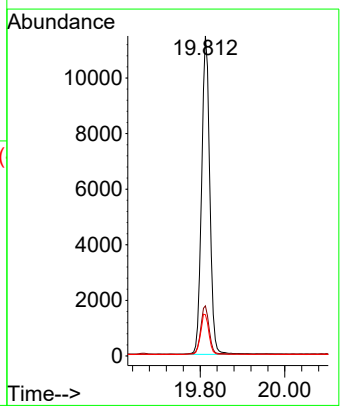


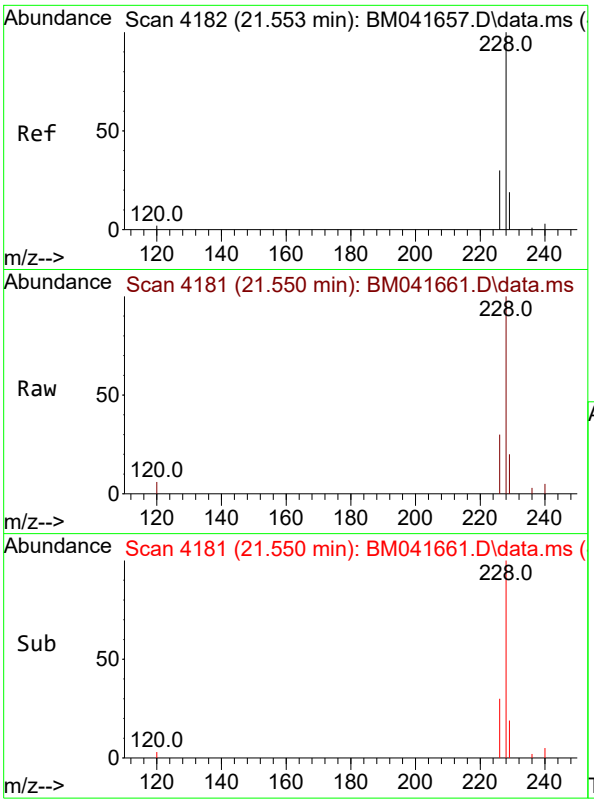


#20
Pyrene
Concen: 0.405 ng/ul
RT: 19.812 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Tgt Ion:202 Resp: 15351

Ion	Ratio	Lower	Upper
202	100		
101	15.7	11.8	17.8
100	12.9	9.8	14.6



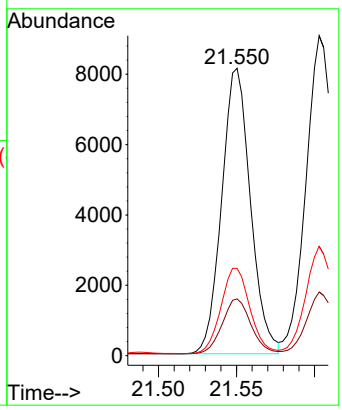


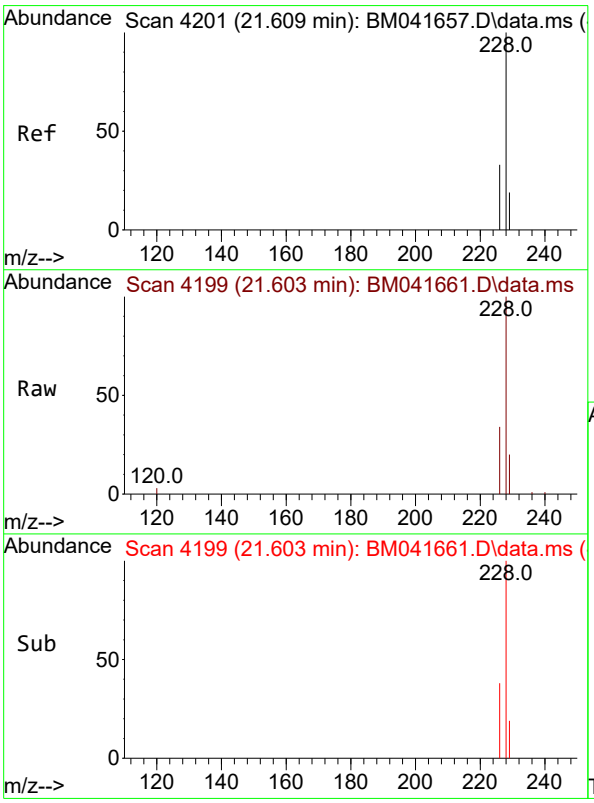
#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.550 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:228 Resp: 10433

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.6
226	30.4	24.8	37.2

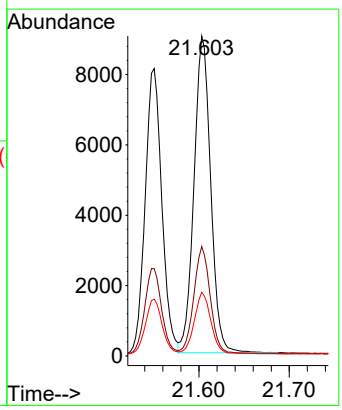


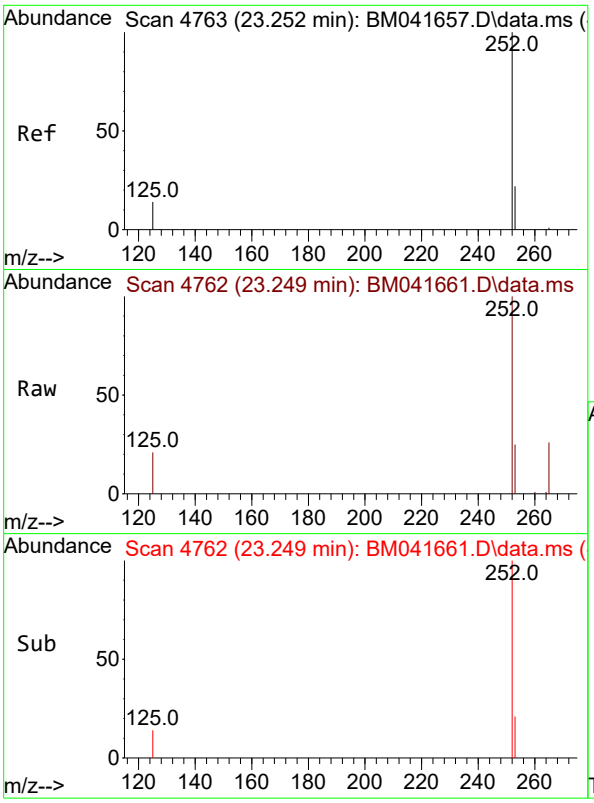


#22
Chrysene
Concen: 0.407 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.006 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Tgt Ion:228 Resp: 11572

Ion	Ratio	Lower	Upper
228	100		
226	34.2	27.0	40.6
229	19.9	15.4	23.2



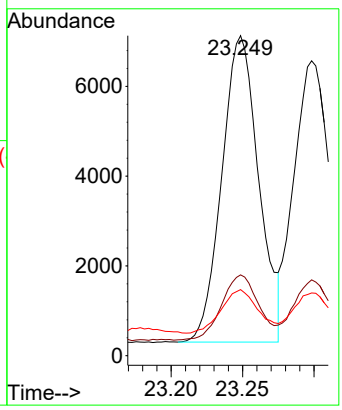


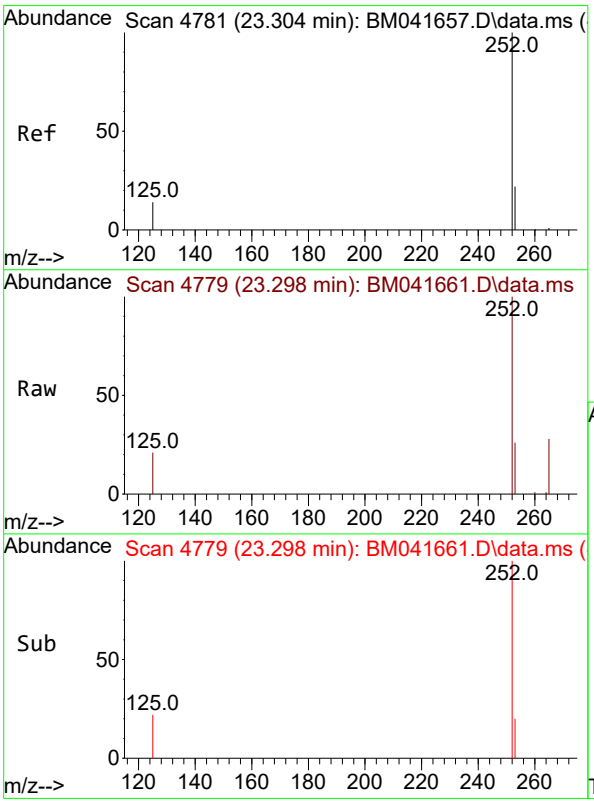
#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul
RT: 23.249 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:252 Resp: 12272

Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	52.4
125	20.7	0.0	42.8

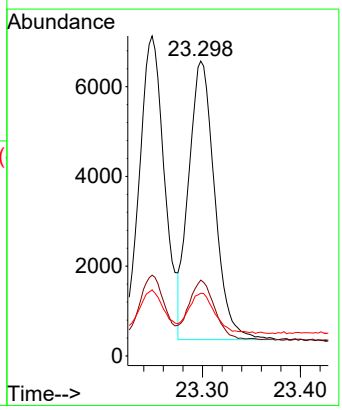


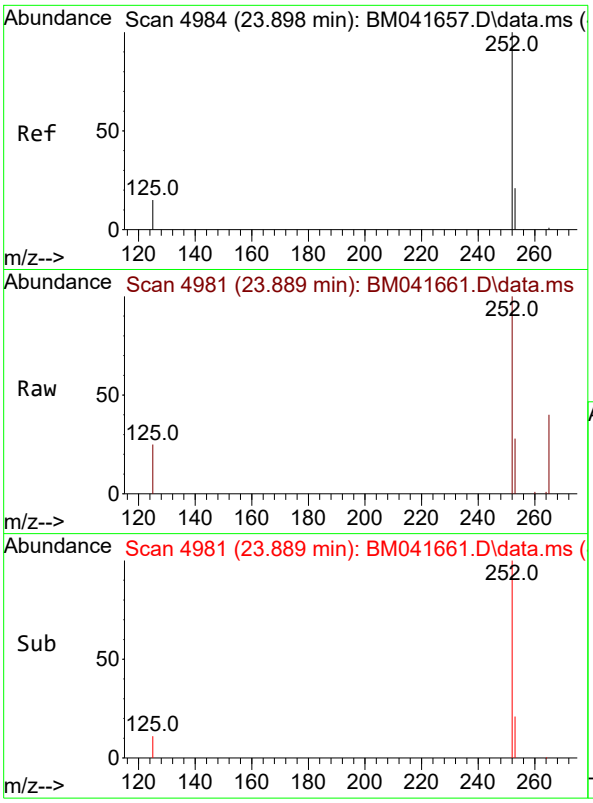


#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 23.298 min Scan# 4779
Delta R.T. -0.006 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Tgt Ion:252 Resp: 11492

Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.3	31.9
125	21.3	17.4	26.0



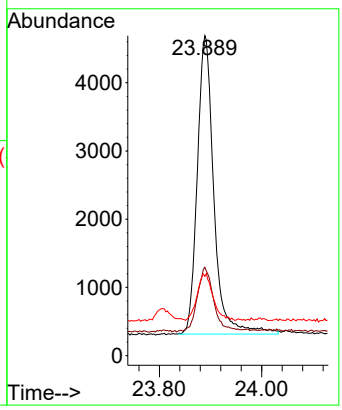


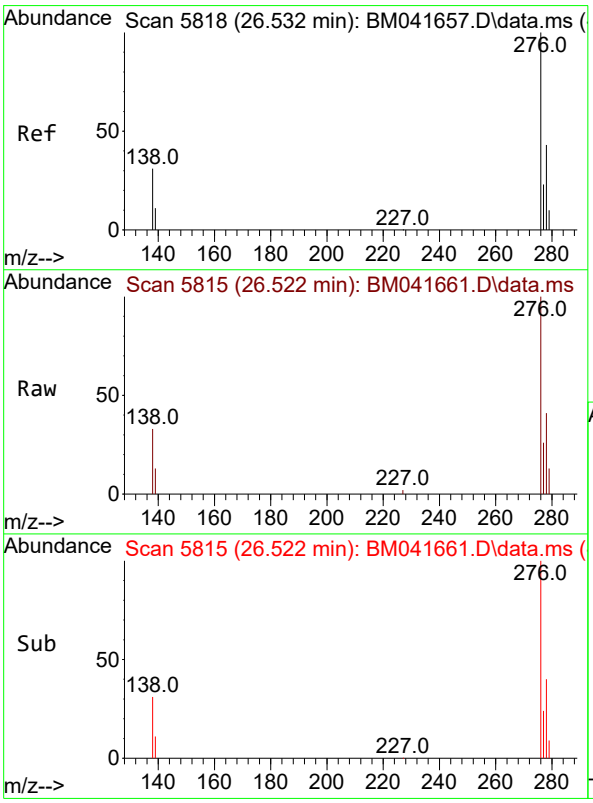
#26
Benzo(a)pyrene
Concen: 0.408 ng/ul
RT: 23.889 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:252 Resp: 9836

Ion	Ratio	Lower	Upper
252	100		
253	27.6	22.4	33.6
125	24.8	21.0	31.4

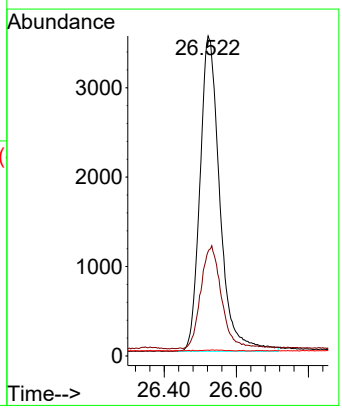


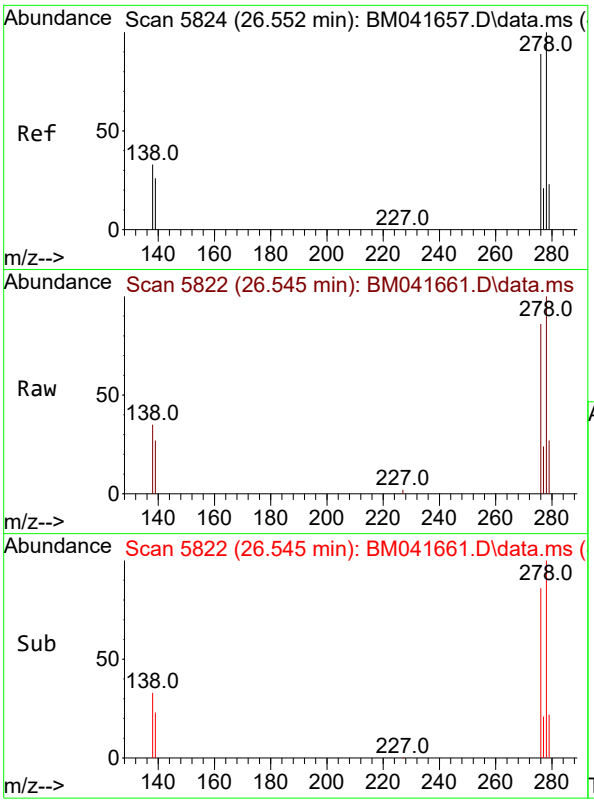


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng/ul
RT: 26.522 min Scan# 5815
Delta R.T. -0.010 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Tgt Ion:276 Resp: 13499

Ion	Ratio	Lower	Upper
276	100		
138	0.0	26.4	39.6#
227	0.1	0.1	0.1#



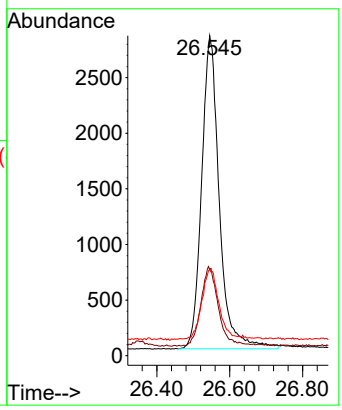


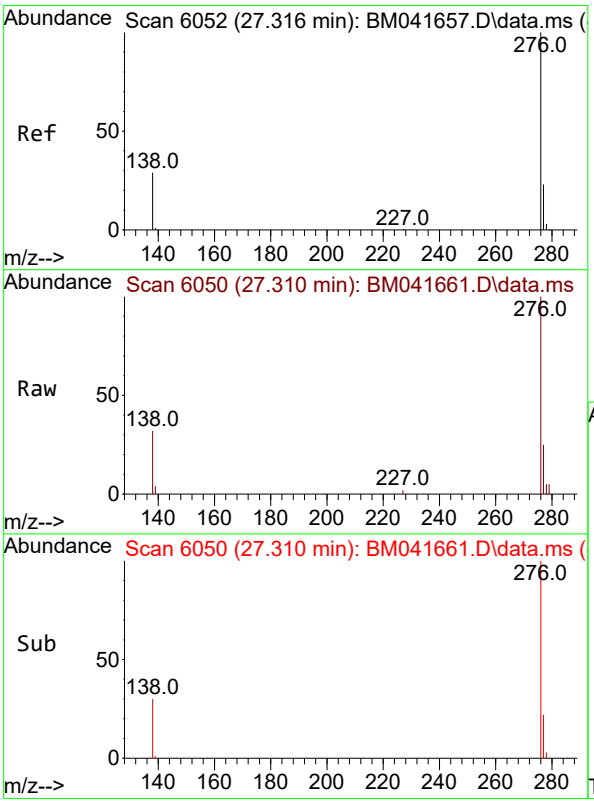
#28
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 26.545 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:278 Resp: 9473

Ion	Ratio	Lower	Upper
278	100		
139	27.0	23.0	34.6
279	27.0	22.9	34.3





#29
Benzo(g,h,i)perylene
Concen: 0.406 ng/ul
RT: 27.310 min Scan# 6050
Delta R.T. -0.007 min
Lab File: BM041661.D
Acq: 05 Sep 2023 20:50

Tgt Ion:276 Resp: 11894

Ion	Ratio	Lower	Upper
276	100		
138	31.6	25.0	37.4
277	24.7	20.2	30.2