Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038221.D
Acq On : 23 Dec 2022 05:19
Operator : CG/JU
Sample : PB149721BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS721

Quant Time: Dec 23 05:52:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	4112	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	12429	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	6546	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	13318	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	8144	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	8505	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	2503	0.598	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	6616	0.362	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	11650	0.381	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.431	88	6630	1.616	ng/ul	87
5) Naphthalene	10.900	128	12828	0.352	ng/ul	100
7) 2-Methylnaphthalene	12.506	142	8159	0.360	ng/ul	100
8) 1-Methylnaphthalene	12.720	142	8722	0.377	ng/ul	99
10) Acenaphthylene	14.389	152	12861	0.356	ng/ul	99
11) Acenaphthene	14.726	153	9322	0.361	ng/ul	99
12) Fluorene	15.712	166	10297	0.368	ng/ul	100
14) Pentachlorophenol	17.059	266	4335	0.653	ng/ul	100
15) Phenanthrene	17.447	178	15655	0.351	ng/ul	100
16) Anthracene	17.536	178	15323	0.358	ng/ul	100
19) Fluoranthene	19.455	202	17160	0.385	ng/ul	99
20) Pyrene	19.817	202	17502	0.388	ng/ul	97
21) Benzo(a)anthracene	21.556	228	14417	0.404	ng/ul	98
22) Chrysene	21.609	228	13963	0.402	ng/ul	99
24) Benzo(b)fluoranthene	23.269	252	14494	0.385	ng/ul	97
25) Benzo(k)fluoranthene	23.319	252	14056	0.389	ng/ul	97
26) Benzo(a)pyrene	23.912	252	12521	0.381	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.582	276	16524	0.363	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.599	278	12938	0.366	ng/ul	98
29) Benzo(g,h,i)perylene	27.374	276	13804	0.360	ng/ul	99

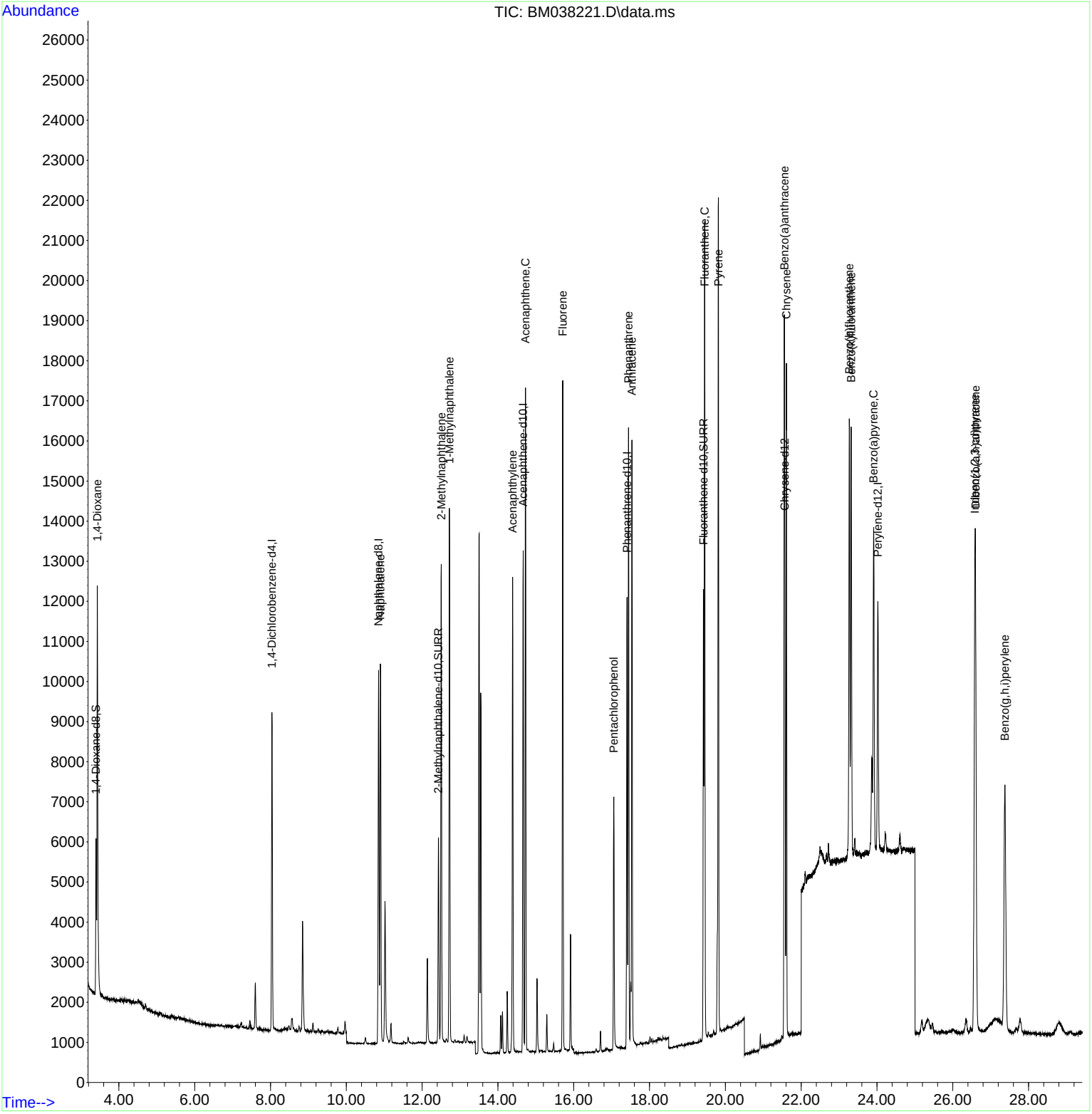
(#) = qualifier out of range (m) = manual integration (+) = signals summed

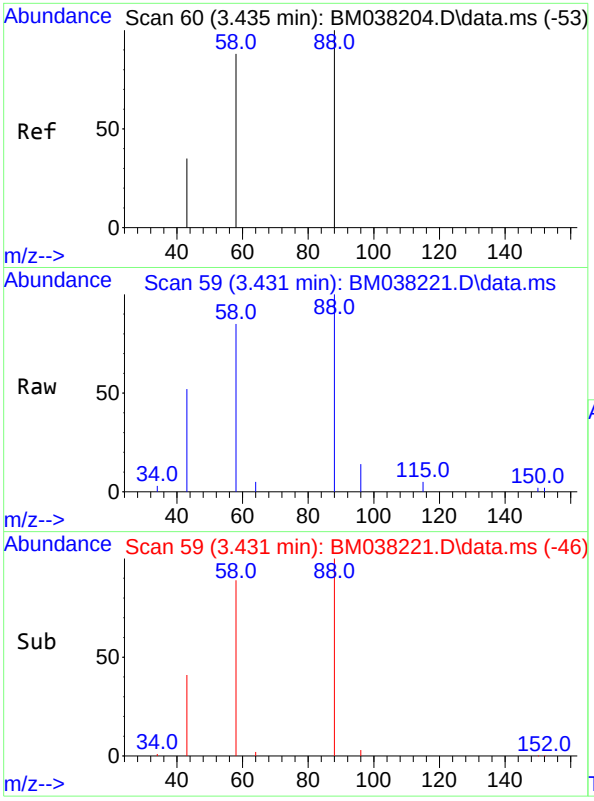
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038221.D
Acq On : 23 Dec 2022 05:19
Operator : CG/JU
Sample : PB149721BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS721

Quant Time: Dec 23 05:52:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration



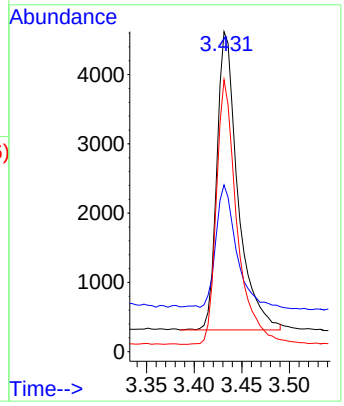


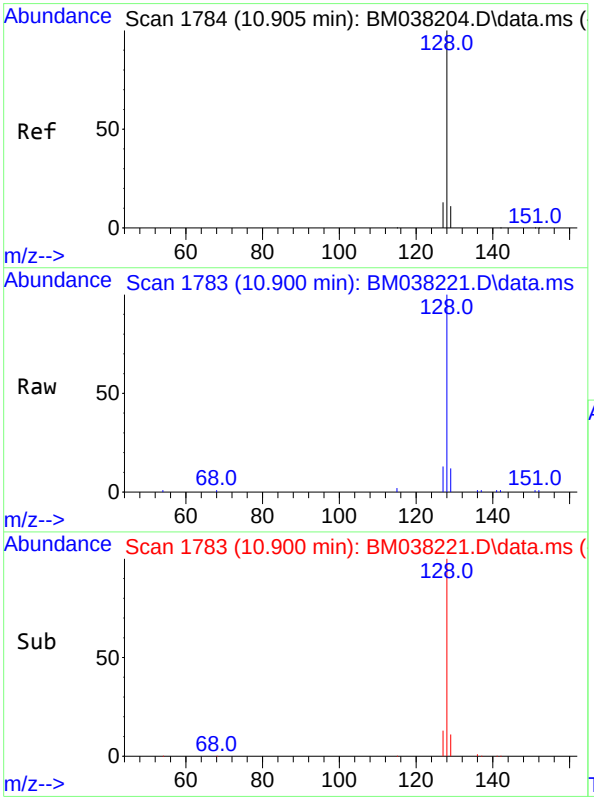
#2
1,4-Dioxane
Concen: 1.616 ng/ul
RT: 3.431 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Instrument :
BNA_M
ClientSampleId :
SLCS721

Tgt Ion: 88 Resp: 6630

Ion	Ratio	Lower	Upper
88	100		
43	52.1	46.4	69.6
58	85.0	56.9	85.3

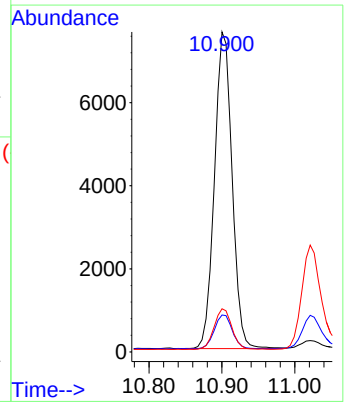


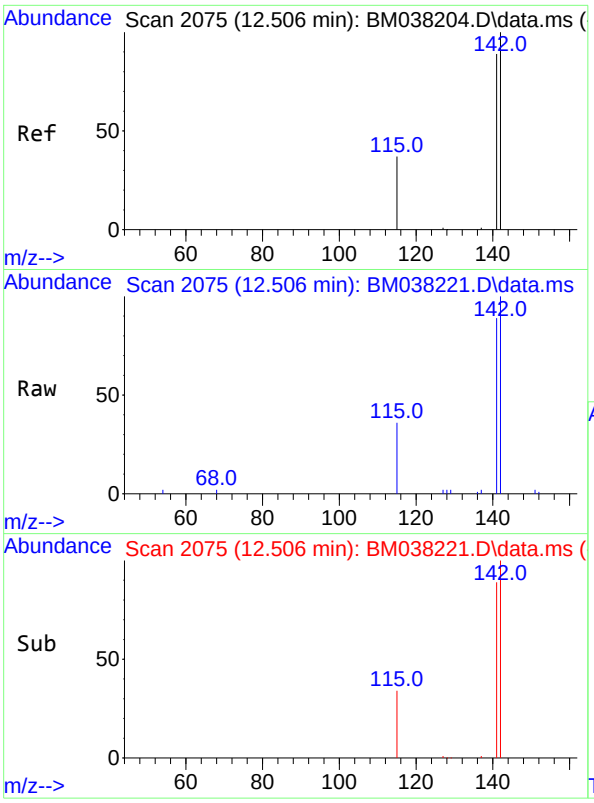


#5
Naphthalene
Concen: 0.352 ng/ul
RT: 10.900 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Tgt Ion:128 Resp: 12828

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	13.5	10.7	16.1



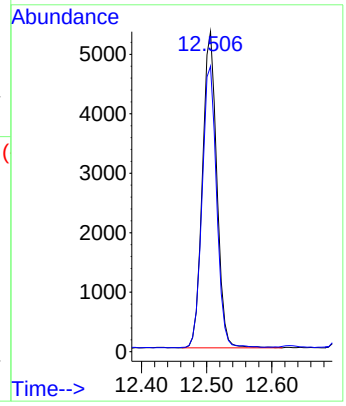


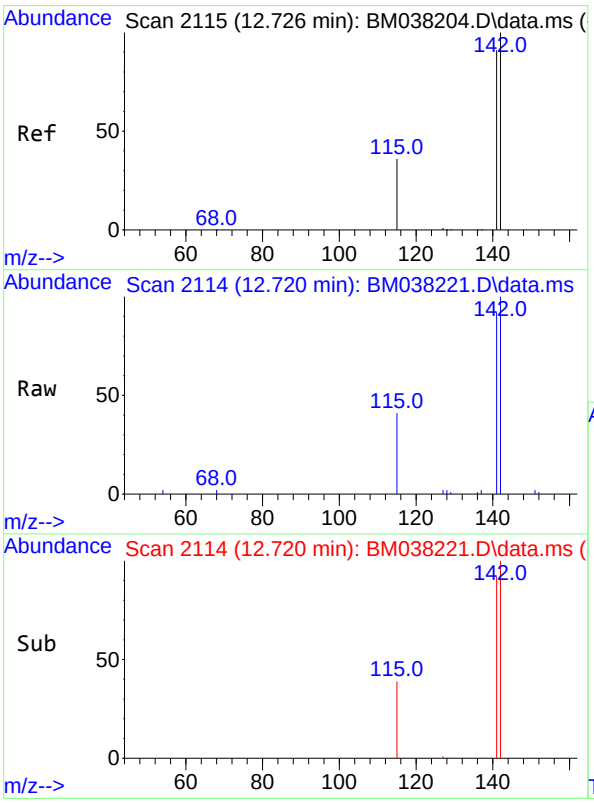
#7
2-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.506 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Instrument :
BNA_M
ClientSampleId :
SLCS721

Tgt Ion:142 Resp: 8159

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9

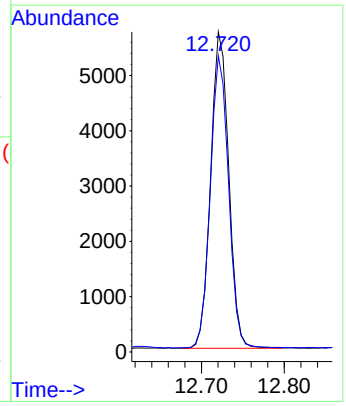


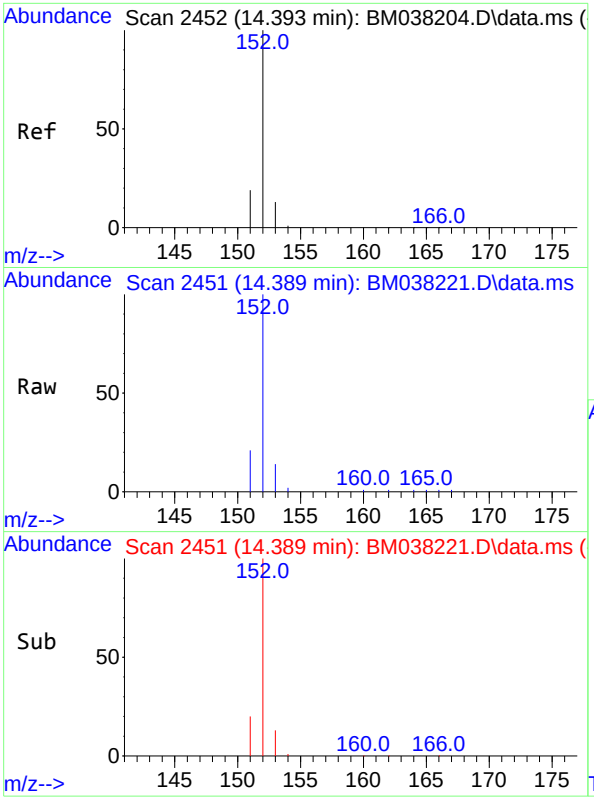


#8
1-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.720 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Tgt Ion:142 Resp: 8722

Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.7	112.1



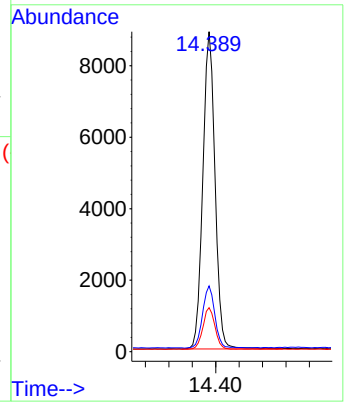


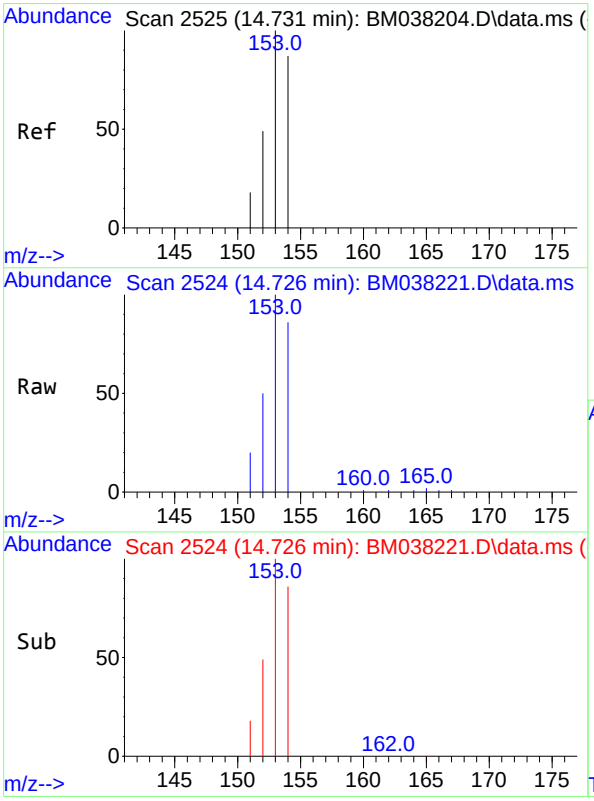
#10
Acenaphthylene
Concen: 0.356 ng/ul
RT: 14.389 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Instrument :
BNA_M
ClientSampleId :
SLCS721

Tgt Ion:152 Resp: 12861

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.8	10.7	16.1

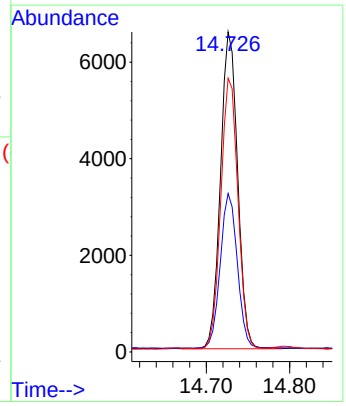


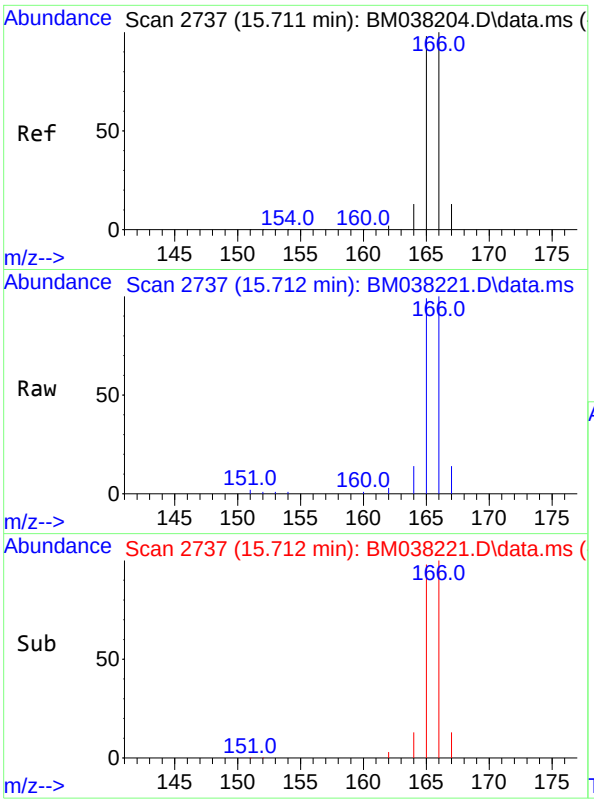


#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. -0.004 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Tgt Ion:153 Resp: 9322

Ion	Ratio	Lower	Upper
153	100		
152	49.5	39.4	59.0
154	85.5	69.0	103.4



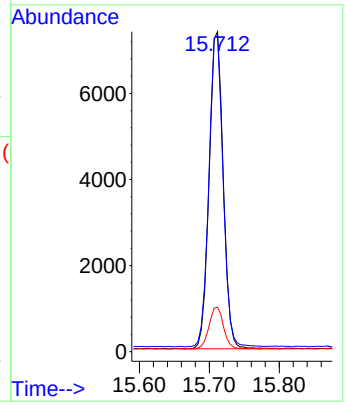


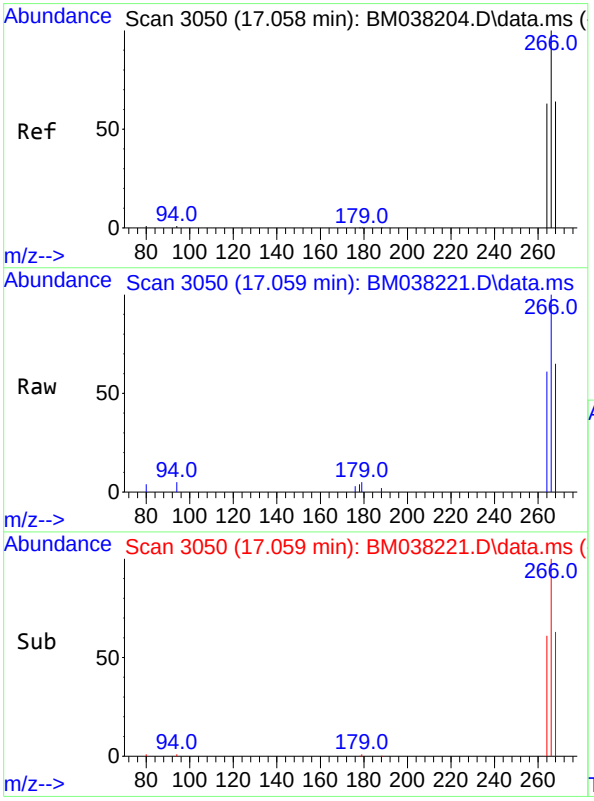
#12
Fluorene
Concen: 0.368 ng/ul
RT: 15.712 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Instrument :
BNA_M
ClientSampleId :
SLCS721

Tgt Ion:166 Resp: 10297

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.6
167	13.9	11.0	16.6

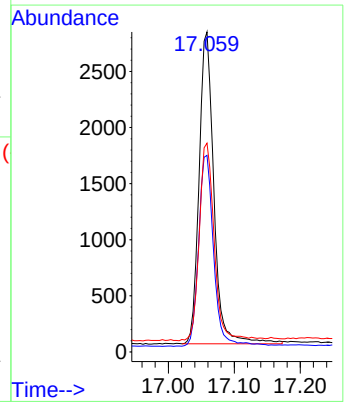


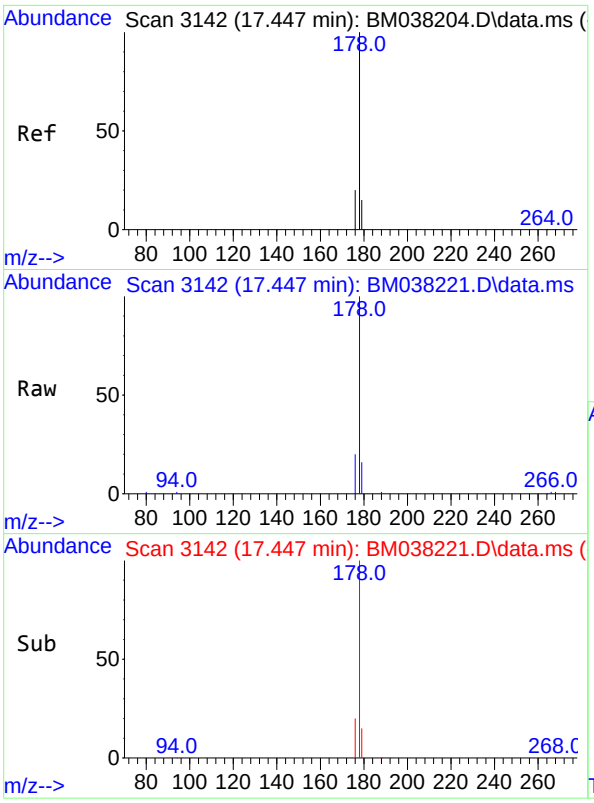


#14
Pentachlorophenol
Concen: 0.653 ng/ul
RT: 17.059 min Scan# 3050
Delta R.T. 0.000 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Tgt Ion:266 Resp: 4335

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.9	74.9
268	64.3	51.2	76.8



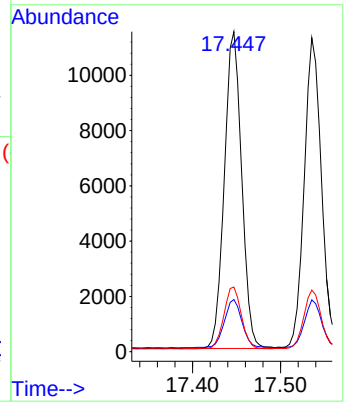


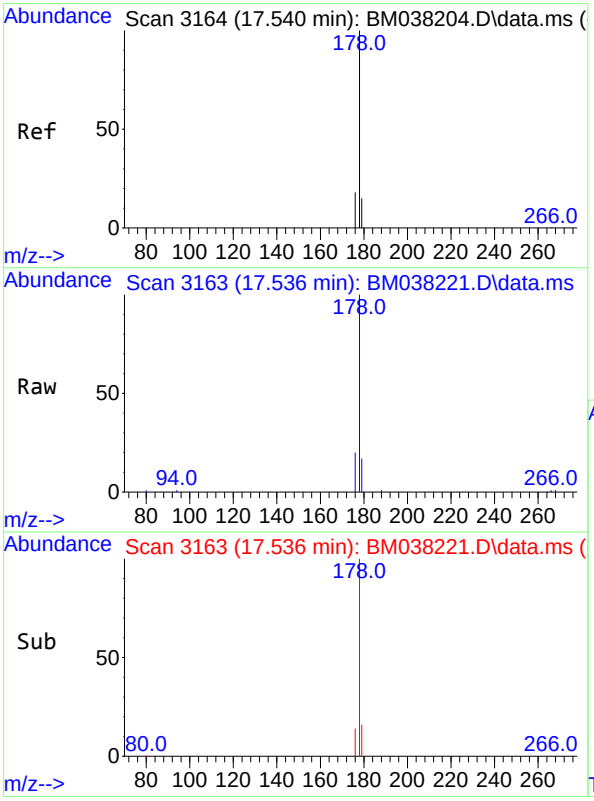
#15
Phenanthrene
Concen: 0.351 ng/ul
RT: 17.447 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Instrument :
BNA_M
ClientSampleId :
SLCS721

Tgt Ion:178 Resp: 15655

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.4
176	20.2	16.2	24.4

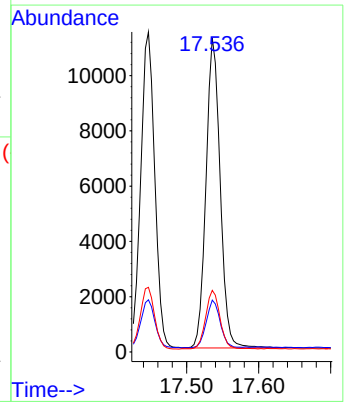


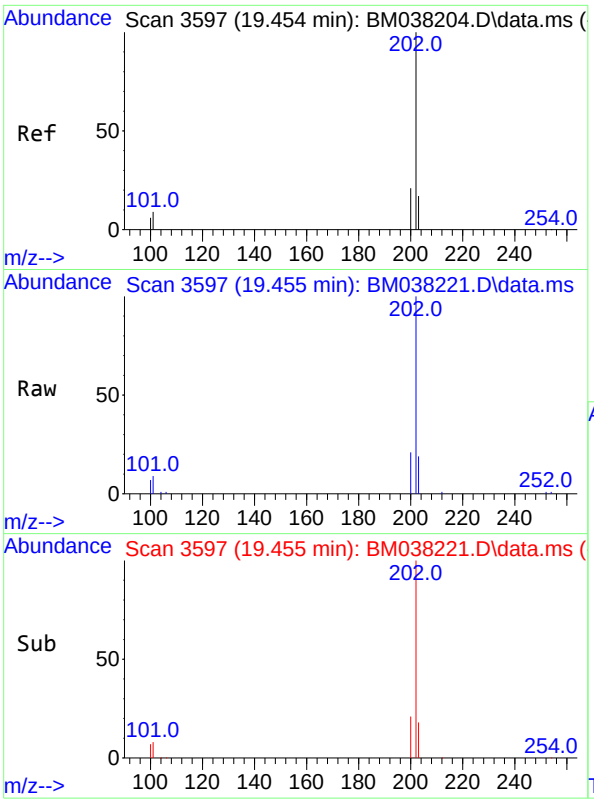


#16
Anthracene
Concen: 0.358 ng/ul
RT: 17.536 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Tgt Ion:178 Resp: 15323

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.6
176	19.6	15.6	23.4



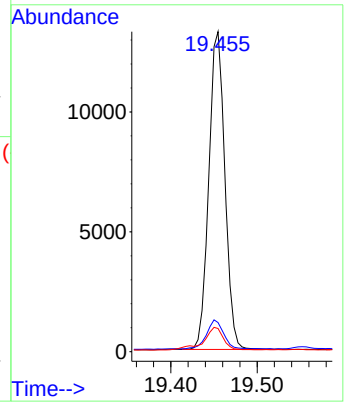


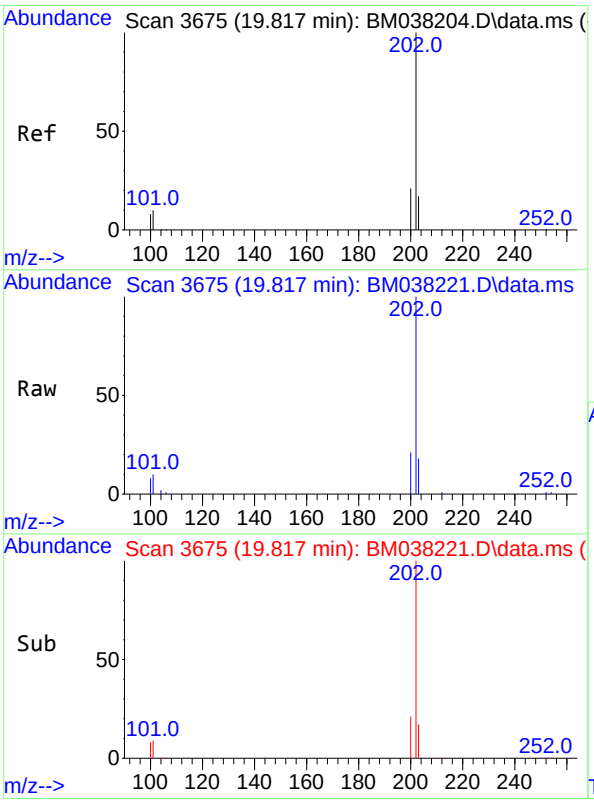
#19
Fluoranthene
Concen: 0.385 ng/ul
RT: 19.455 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Instrument :
BNA_M
ClientSampleId :
SLCS721

Tgt Ion:202 Resp: 17160

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.5	11.3
100	7.3	5.6	8.4

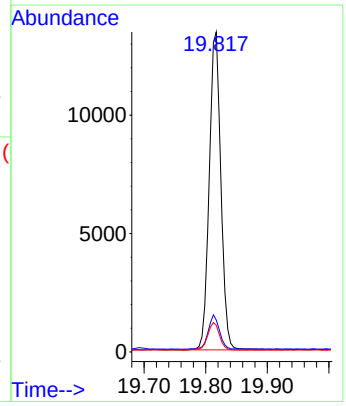


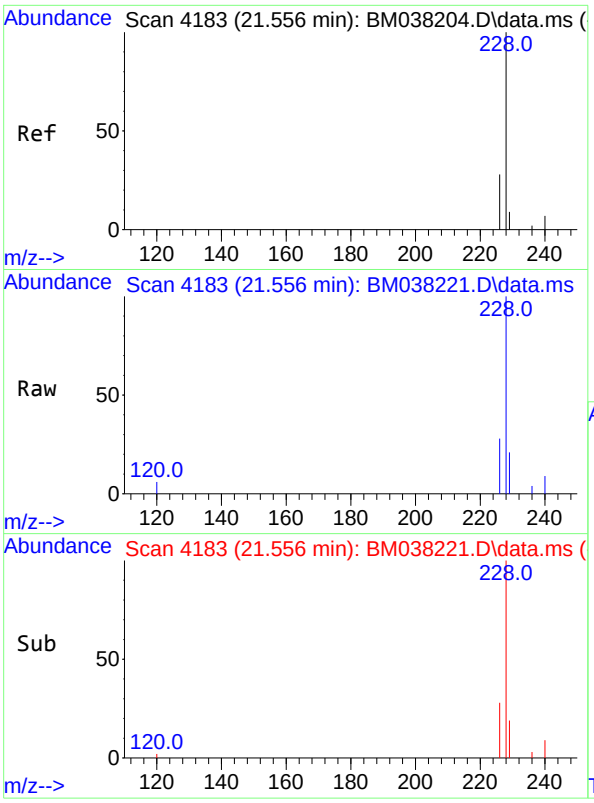


#20
Pyrene
Concen: 0.388 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Tgt Ion:202 Resp: 17502

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.9	13.3
100	8.3	7.4	11.0



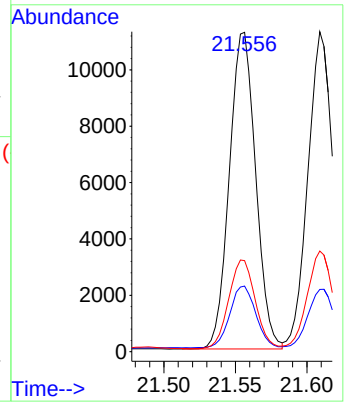


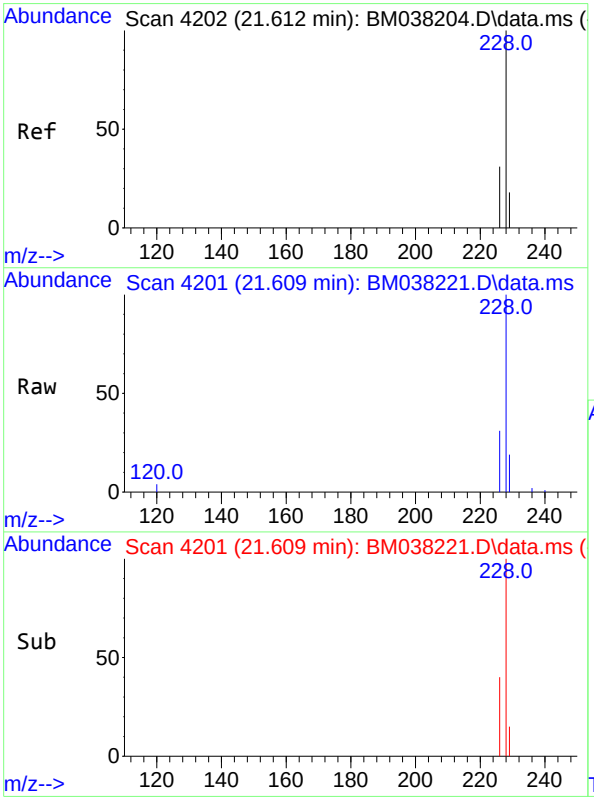
#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.556 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Instrument :
BNA_M
ClientSampleId :
SLCS721

Tgt Ion:228 Resp: 14417

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.5	23.3
226	28.5	22.2	33.2

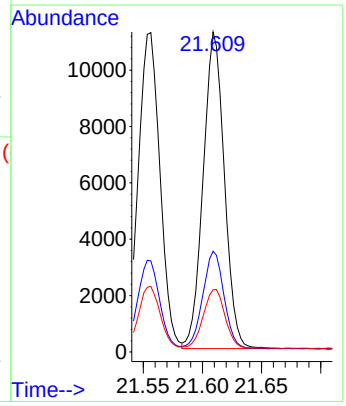


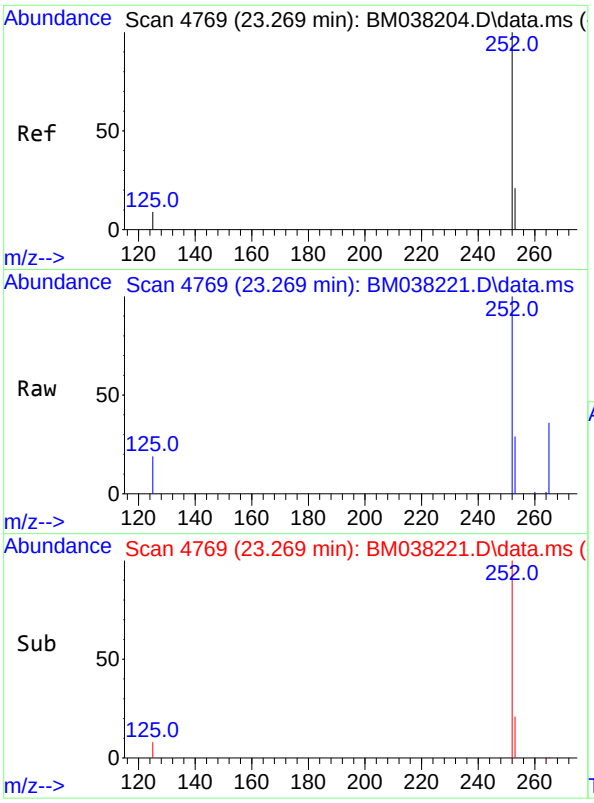


#22
Chrysene
Concen: 0.402 ng/ul
RT: 21.609 min Scan# 4201
Delta R.T. -0.003 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Tgt Ion:228 Resp: 13963

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.4
229	19.5	16.0	24.0



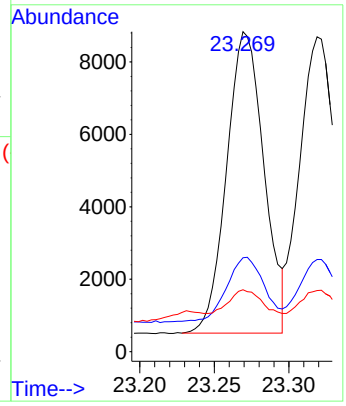


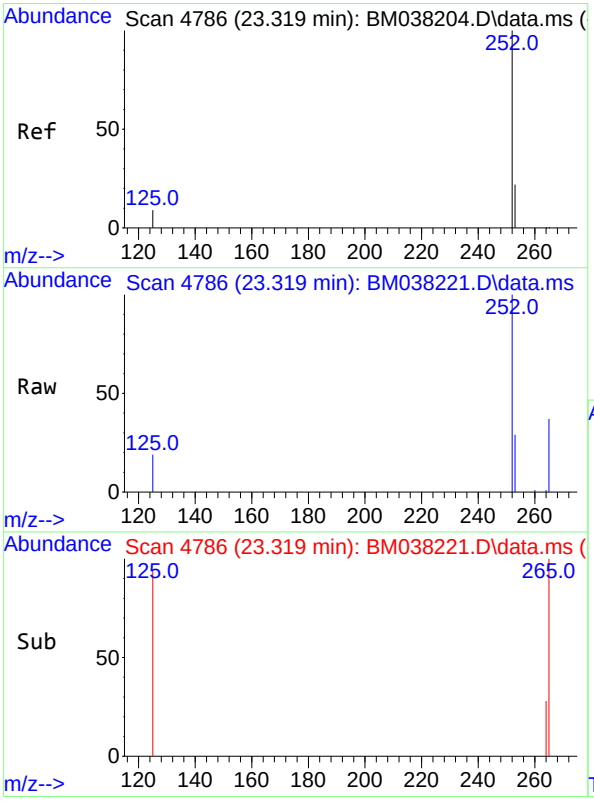
#24
Benzo(b)fluoranthene
Concen: 0.385 ng/ul
RT: 23.269 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Instrument :
BNA_M
ClientSampleId :
SLCS721

Tgt Ion:252 Resp: 14494

Ion	Ratio	Lower	Upper
252	100		
253	29.3	0.0	56.0
125	19.4	0.0	36.6

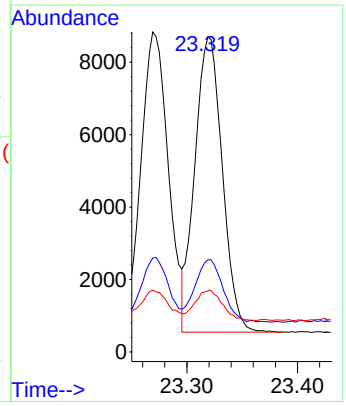


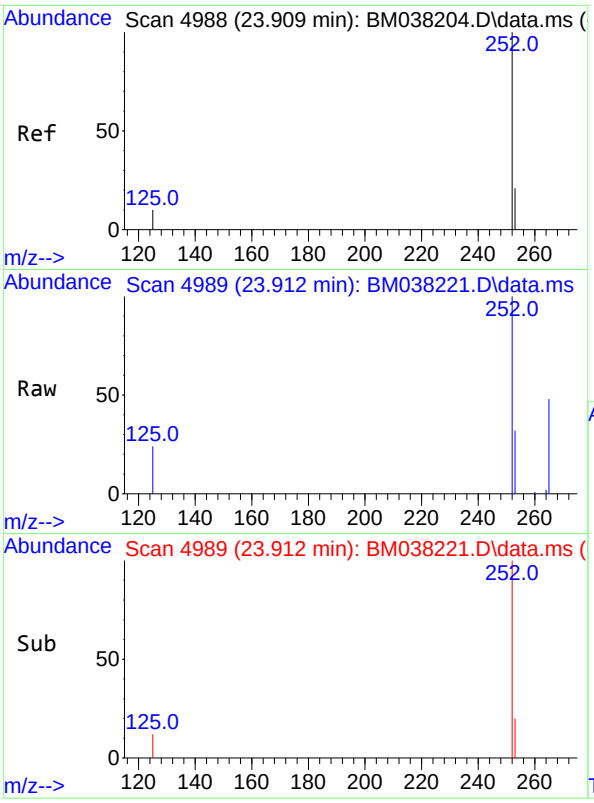


#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.319 min Scan# 4786
Delta R.T. -0.003 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Tgt Ion:252 Resp: 14056

Ion	Ratio	Lower	Upper
252	100		
253	29.3	22.5	33.7
125	19.4	14.4	21.6



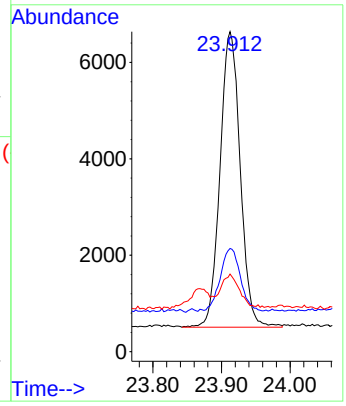


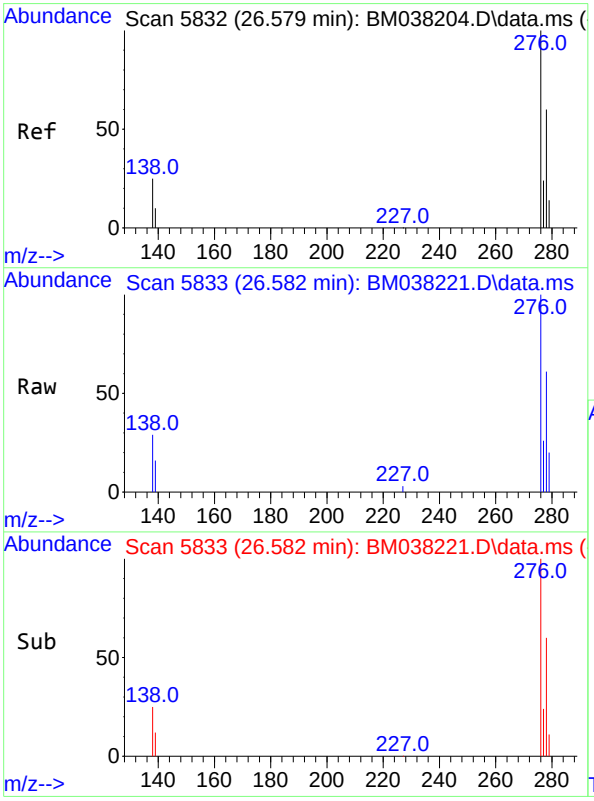
#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 23.912 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Instrument :
BNA_M
ClientSampleId :
SLCS721

Tgt Ion:252 Resp: 12521

Ion	Ratio	Lower	Upper
252	100		
253	32.3	24.2	36.4
125	24.2	17.3	25.9

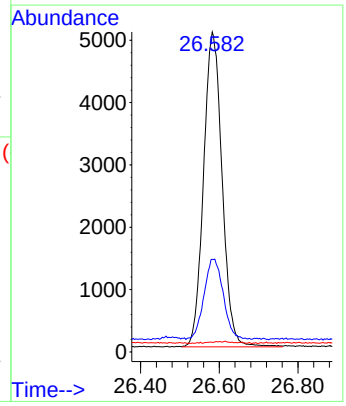


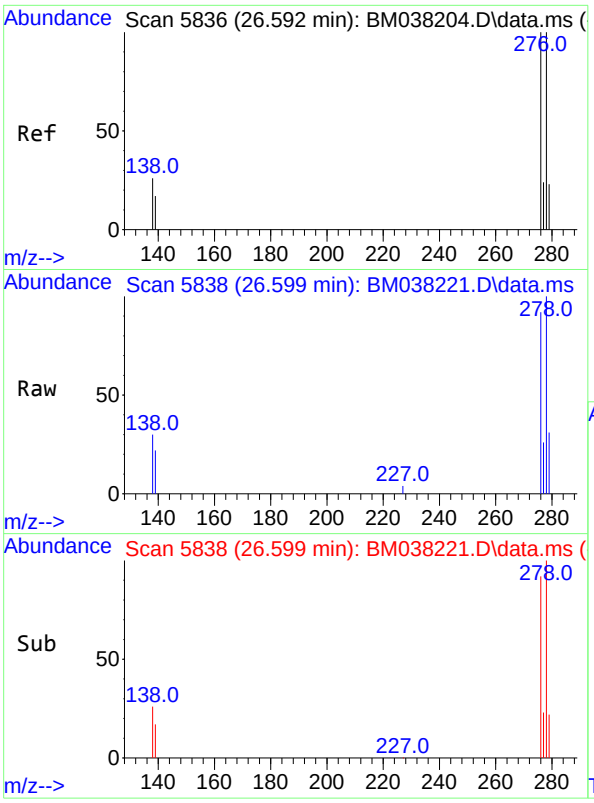


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.363 ng/ul
RT: 26.582 min Scan# 5833
Delta R.T. 0.000 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Tgt Ion:276 Resp: 16524

Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.7	32.5#
227	0.1	0.0	0.0#



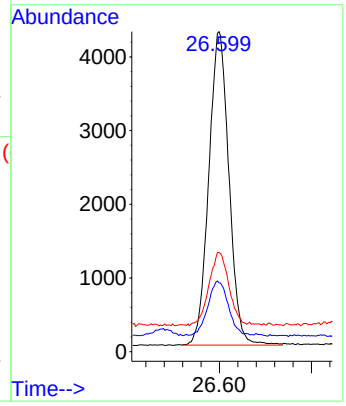


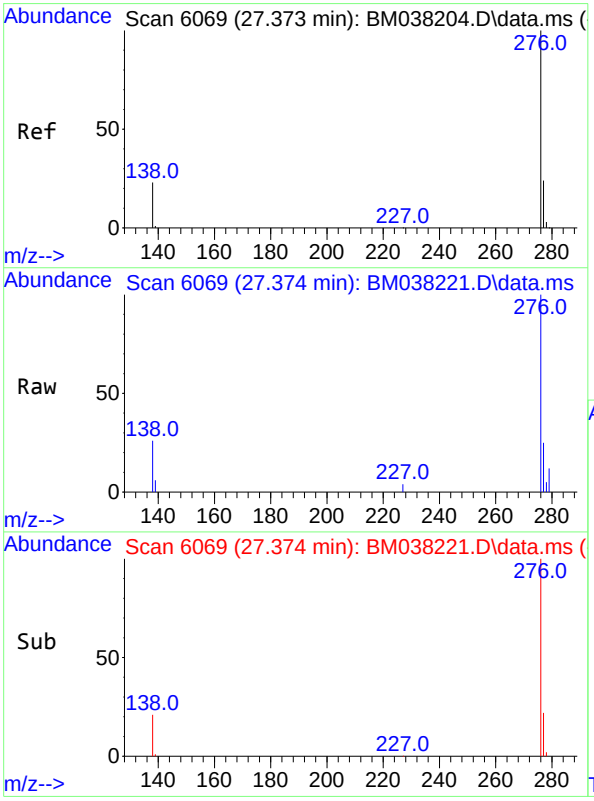
#28
Dibenzo(a,h)anthracene
Concen: 0.366 ng/ul
RT: 26.599 min Scan# 5
Delta R.T. 0.004 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Instrument :
BNA_M
ClientSampleId :
SLCS721

Tgt Ion:278 Resp: 12938

Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.8	25.2
279	31.0	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 27.374 min Scan# 6069
Delta R.T. 0.004 min
Lab File: BM038221.D
Acq: 23 Dec 2022 05:19

Tgt Ion:276 Resp: 13804

Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.8	31.2
277	24.9	20.5	30.7