Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
Data File : BM038001.D
Acq On : 14 Dec 2022 17:20
Operator : CG/JU
Sample : PB149556BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS556

Quant Time: Dec 14 23:27:07 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:30:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	4313	0.400	ng/ul	0.00
4) Naphthalene-d8	10.884	136	12093	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	6324	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	13904	0.400	ng/ul	0.00
17) Chrysene-d12	21.591	240	9316	0.400	ng/ul	0.00
23) Perylene-d12	24.047	264	9238	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	3252	0.535	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	5348	0.312	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	10844	0.341	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	7600	1.263	ng/ul#	77
5) Naphthalene	10.933	128	11271	0.305	ng/ul	98
7) 2-Methylnaphthalene	12.533	142	6854	0.315	ng/ul	97
8) 1-Methylnaphthalene	12.748	142	7326	0.328	ng/ul	100
10) Acenaphthylene	14.412	152	10066	0.281	ng/ul	99
11) Acenaphthene	14.749	153	7795	0.303	ng/ul	95
12) Fluorene	15.730	166	8738	0.296	ng/ul	99
14) Pentachlorophenol	17.075	266	2922	0.494	ng/ul	98
15) Phenanthrene	17.468	178	14306	0.297	ng/ul	99
16) Anthracene	17.557	178	13307	0.302	ng/ul	99
19) Fluoranthene	19.473	202	16136	0.328	ng/ul	99
20) Pyrene	19.836	202	16555	0.331	ng/ul	98
21) Benzo(a)anthracene	21.574	228	14056	0.330	ng/ul	99
22) Chrysene	21.629	228	14570	0.330	ng/ul	100
24) Benzo(b)fluoranthene	23.293	252	14884	0.290	ng/ul	98
25) Benzo(k)fluoranthene	23.342	252	14051	0.292	ng/ul	99
26) Benzo(a)pyrene	23.936	252	12431	0.299	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.612	276	14953	0.295	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.632	278	11618	0.299	ng/ul	98
29) Benzo(g,h,i)perylene	27.410	276	12707	0.302	ng/ul	99

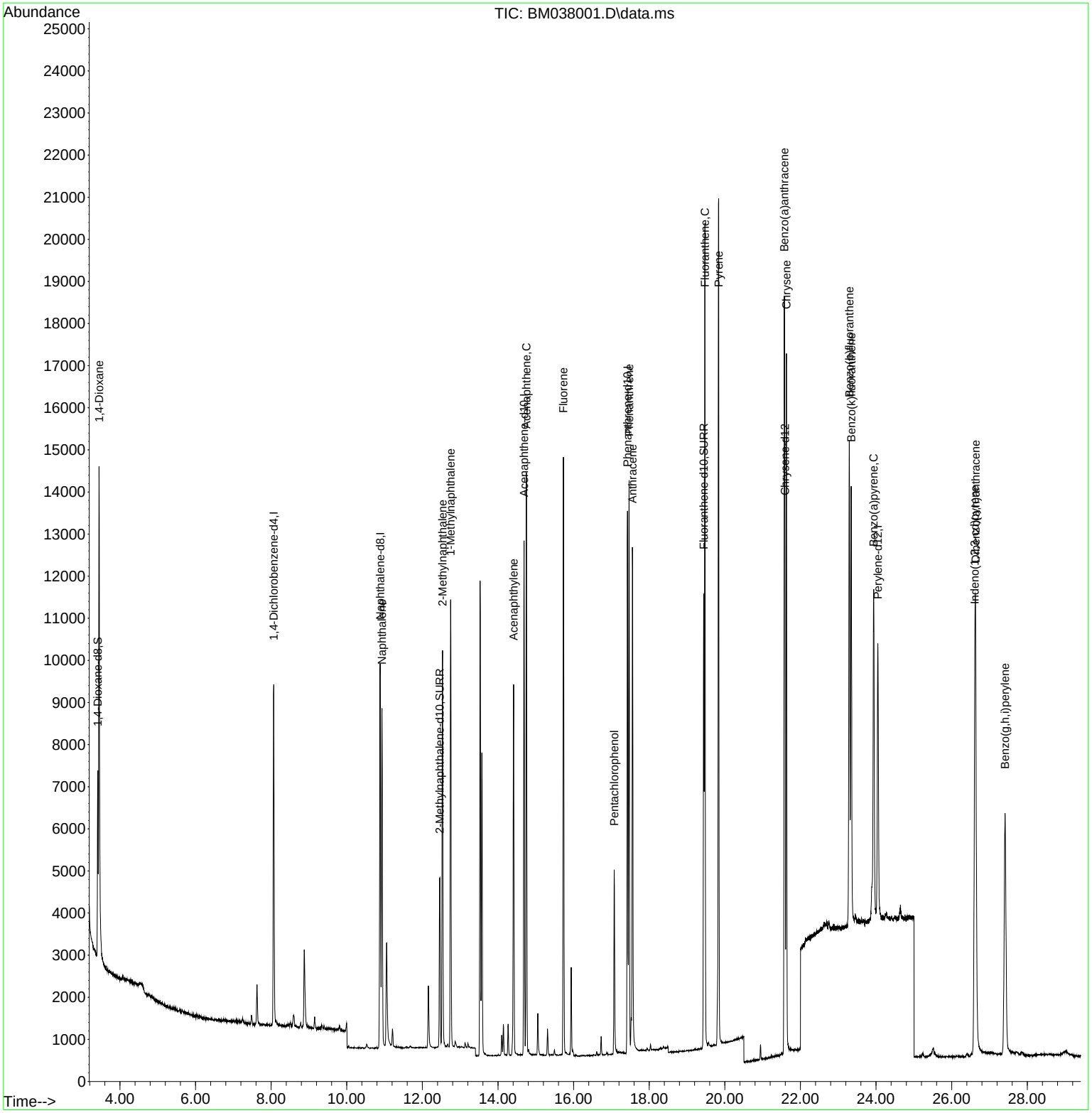
(#) = qualifier out of range (m) = manual integration (+) = signals summed

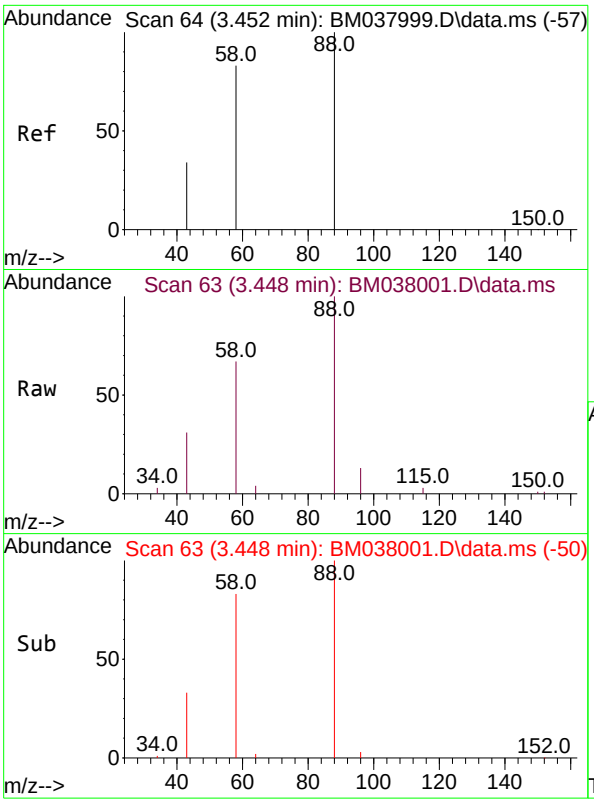
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
Data File : BM038001.D
Acq On : 14 Dec 2022 17:20
Operator : CG/JU
Sample : PB149556BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS556

Quant Time: Dec 14 23:27:07 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:30:33 2022
Response via : Initial Calibration



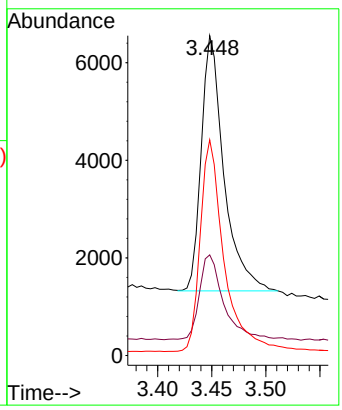


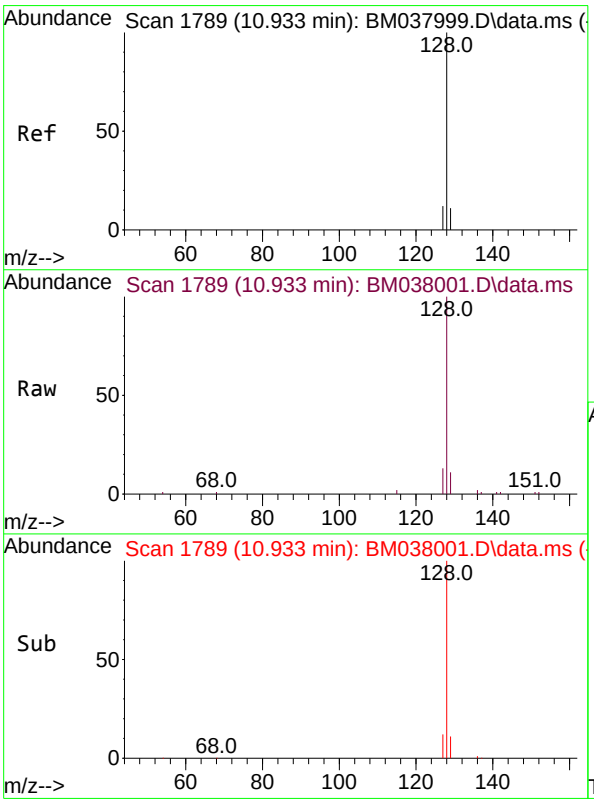
#2
1,4-Dioxane
Concen: 1.263 ng/ul
RT: 3.448 min Scan# 6
Delta R.T. -0.004 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Instrument :
BNA_M
ClientSampleId :
SLCS556

Tgt Ion: 88 Resp: 7600

Ion	Ratio	Lower	Upper
88	100		
43	31.5	25.5	38.3
58	67.4	33.8	50.8#

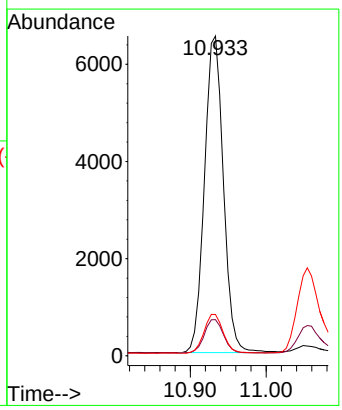


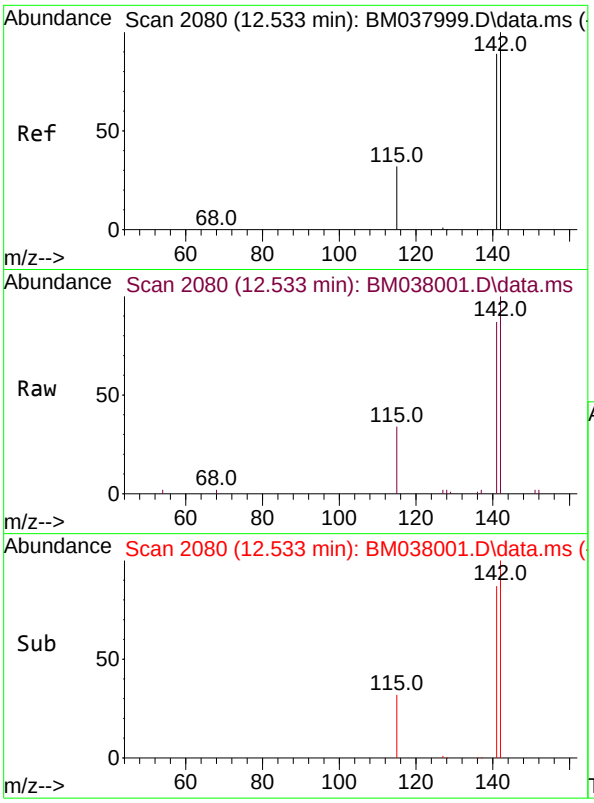


#5
Naphthalene
Concen: 0.305 ng/ul
RT: 10.933 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:128 Resp: 11271

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.7	14.5
127	12.9	10.8	16.2



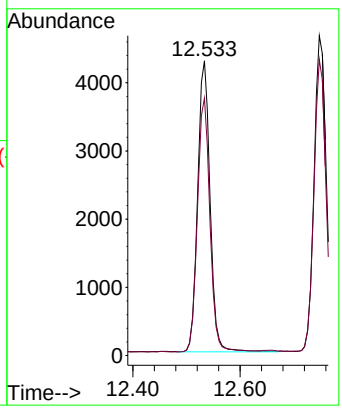


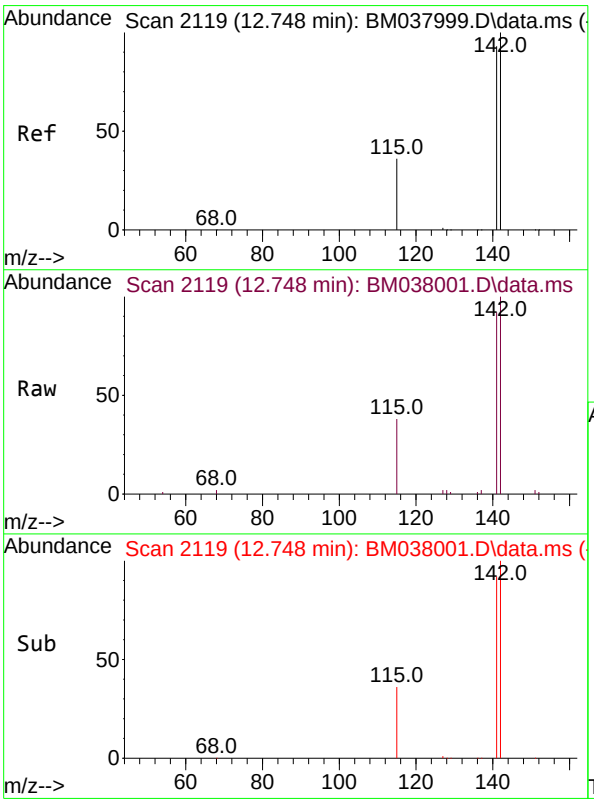
#7
2-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.533 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Instrument :
BNA_M
ClientSampleId :
SLCS556

Tgt Ion:142 Resp: 6854

Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.2	108.2

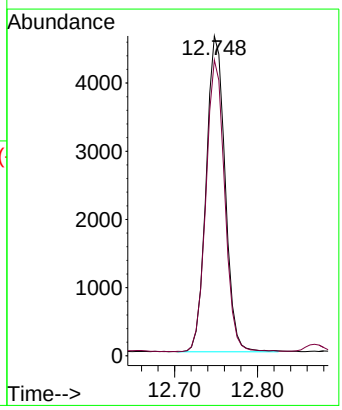


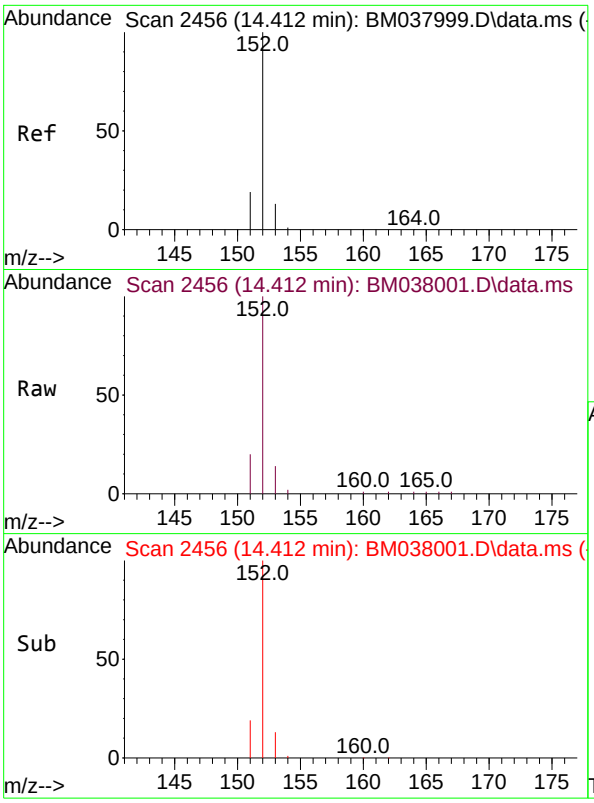


#8
1-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:142 Resp: 7326

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.1	109.7



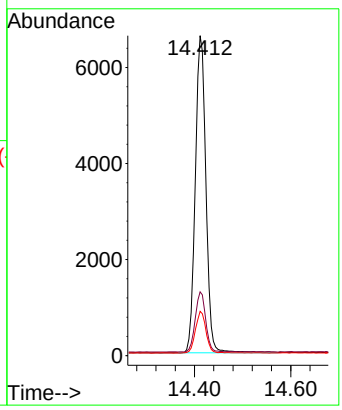


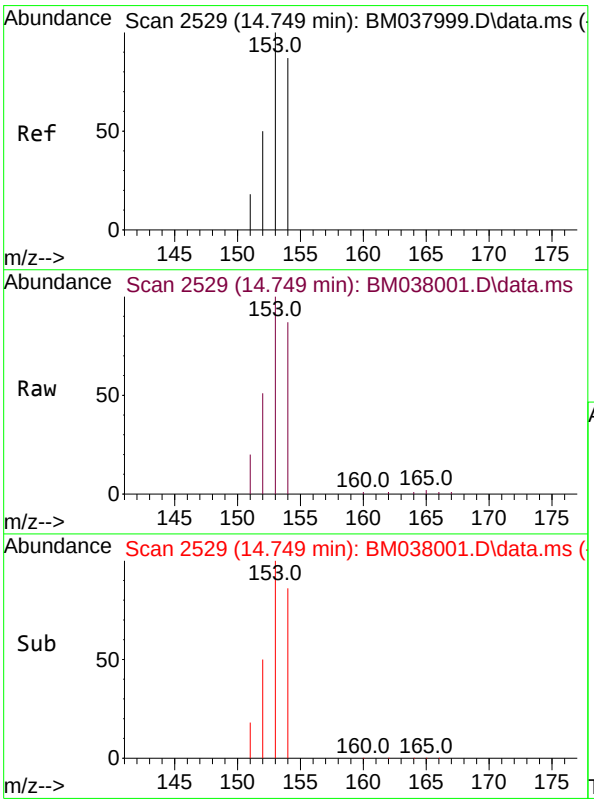
#10
Acenaphthylene
Concen: 0.281 ng/ul
RT: 14.412 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Instrument :
BNA_M
ClientSampleId :
SLCS556

Tgt Ion:152 Resp: 10066

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.8	10.7	16.1

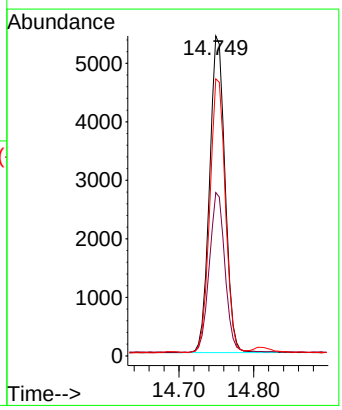


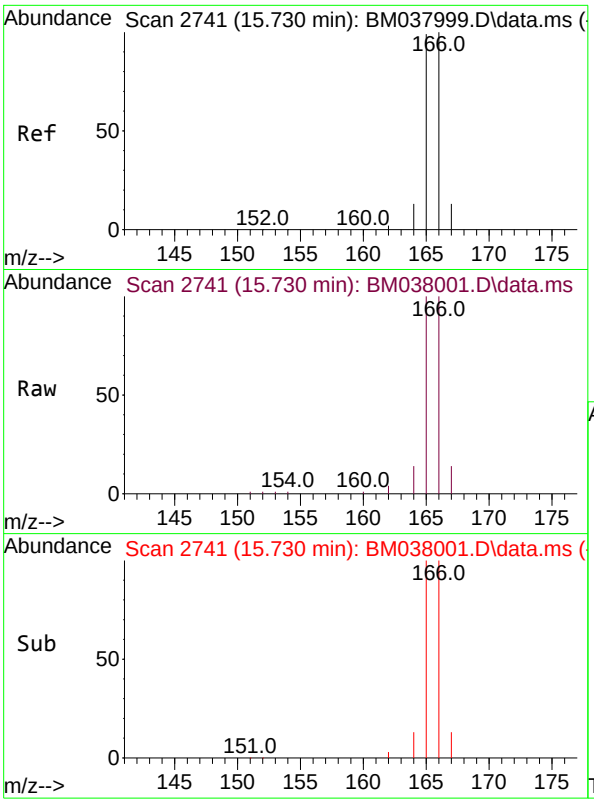


#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.749 min Scan# 2529
Delta R.T. -0.005 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:153 Resp: 7795

Ion	Ratio	Lower	Upper
153	100		
152	51.0	47.1	70.7
154	86.6	70.7	106.1



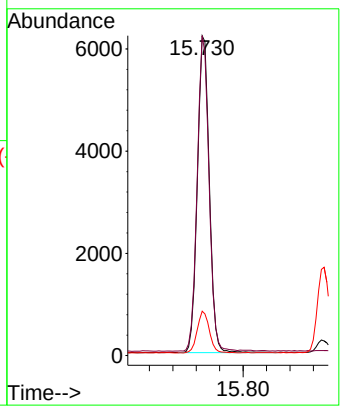


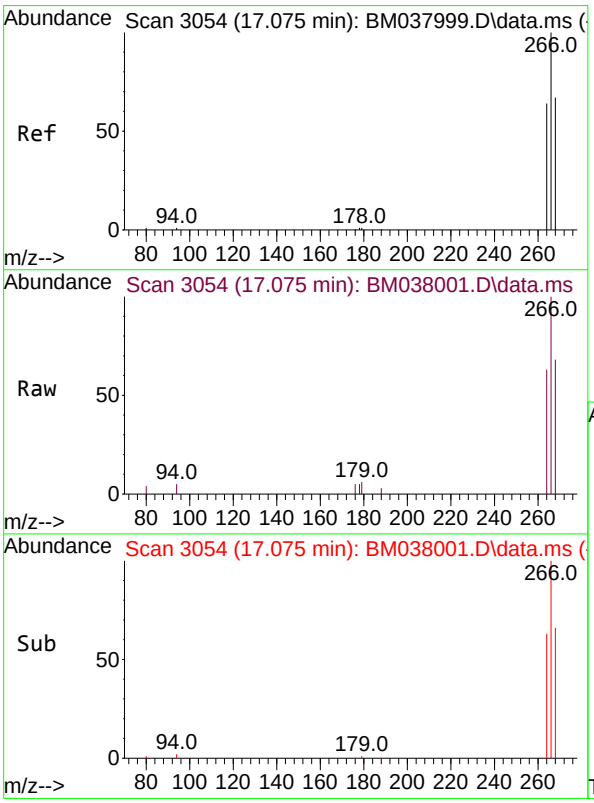
#12
Fluorene
Concen: 0.296 ng/ul
RT: 15.730 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Instrument :
BNA_M
ClientSampleId :
SLCS556

Tgt Ion:166 Resp: 8738

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.8	119.6
167	13.9	11.7	17.5

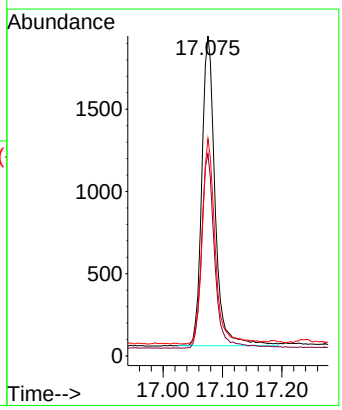


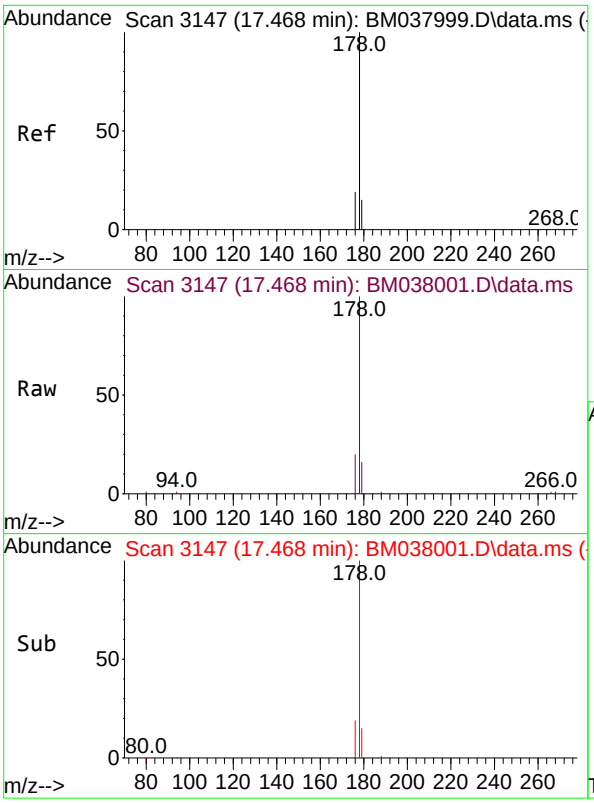


#14
Pentachlorophenol
Concen: 0.494 ng/ul
RT: 17.075 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:266 Resp: 2922

Ion	Ratio	Lower	Upper
266	100		
264	61.9	50.9	76.3
268	65.2	50.4	75.6



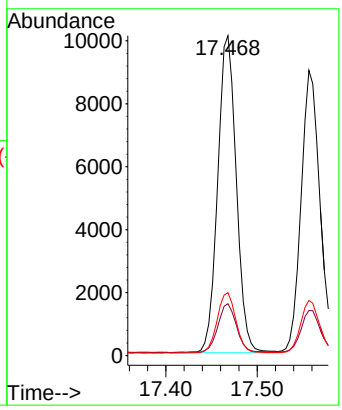


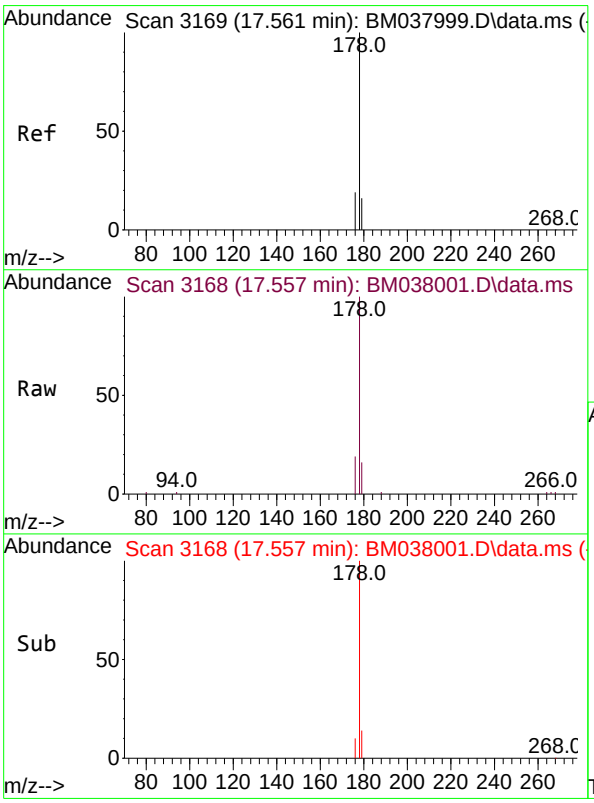
#15
Phenanthrene
Concen: 0.297 ng/ul
RT: 17.468 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Instrument :
BNA_M
ClientSampleId :
SLCS556

Tgt Ion:178 Resp: 14306

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.7	19.1
176	19.7	16.2	24.2

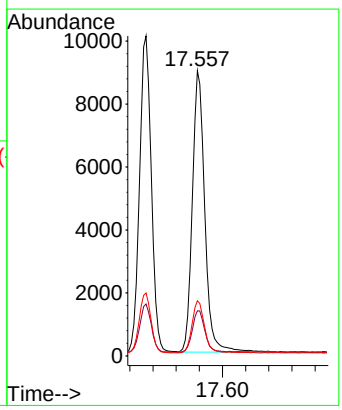


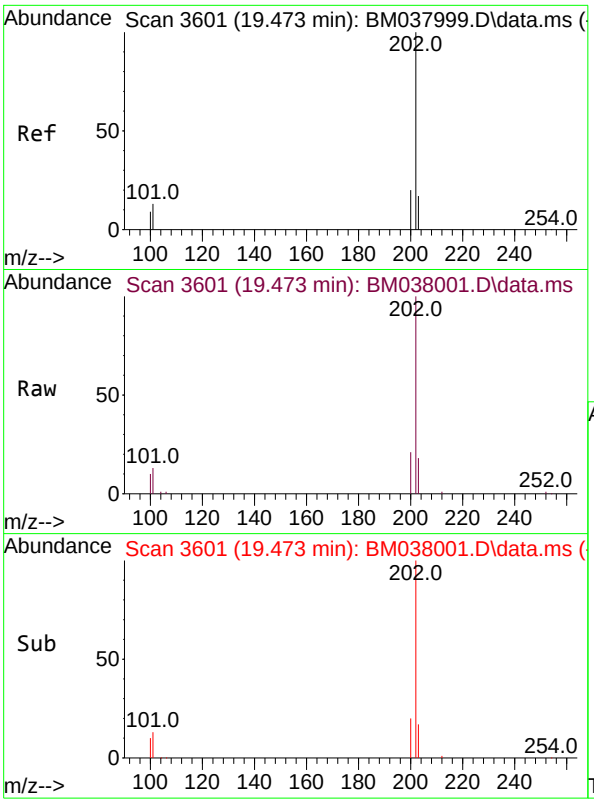


#16
Anthracene
Concen: 0.302 ng/ul
RT: 17.557 min Scan# 3168
Delta R.T. -0.004 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:178 Resp: 13307

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.4	20.0
176	19.3	15.8	23.6



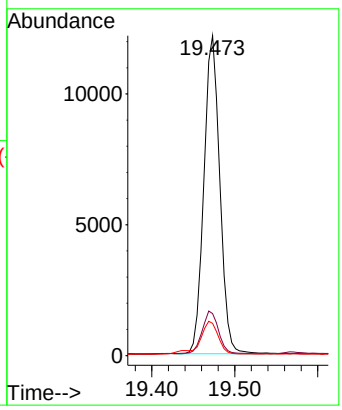


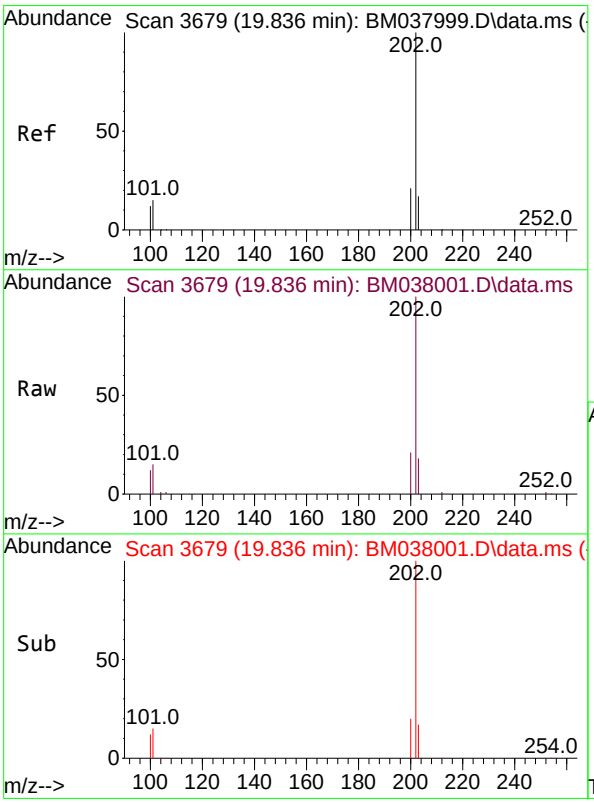
#19
Fluoranthene
Concen: 0.328 ng/ul
RT: 19.473 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Instrument :
BNA_M
ClientSampleId :
SLCS556

Tgt Ion:202 Resp: 16136

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.9	16.3
100	10.1	8.5	12.7

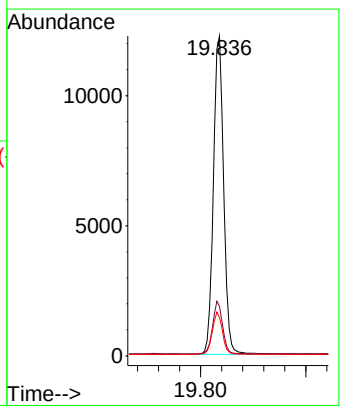


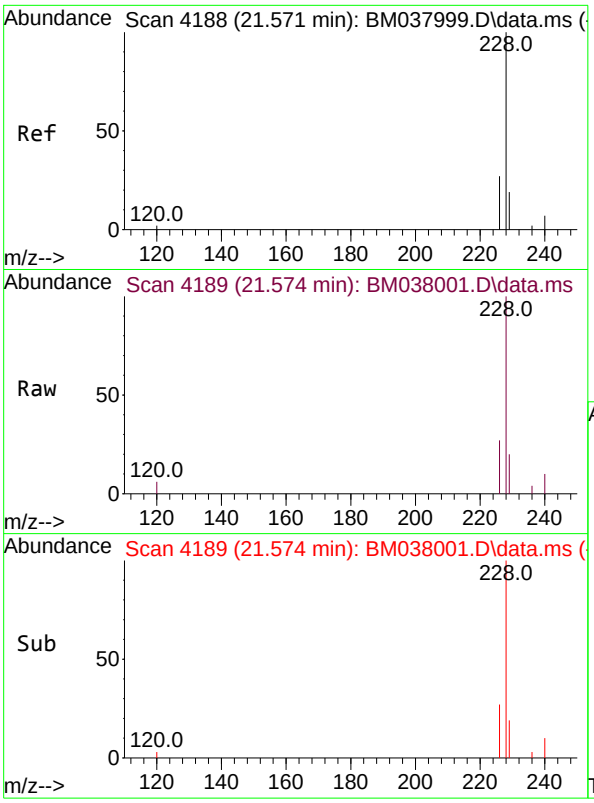


#20
Pyrene
Concen: 0.331 ng/ul
RT: 19.836 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:202 Resp: 16555

Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.6	19.0
100	12.0	10.6	15.8



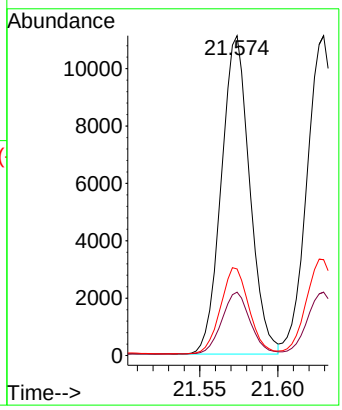


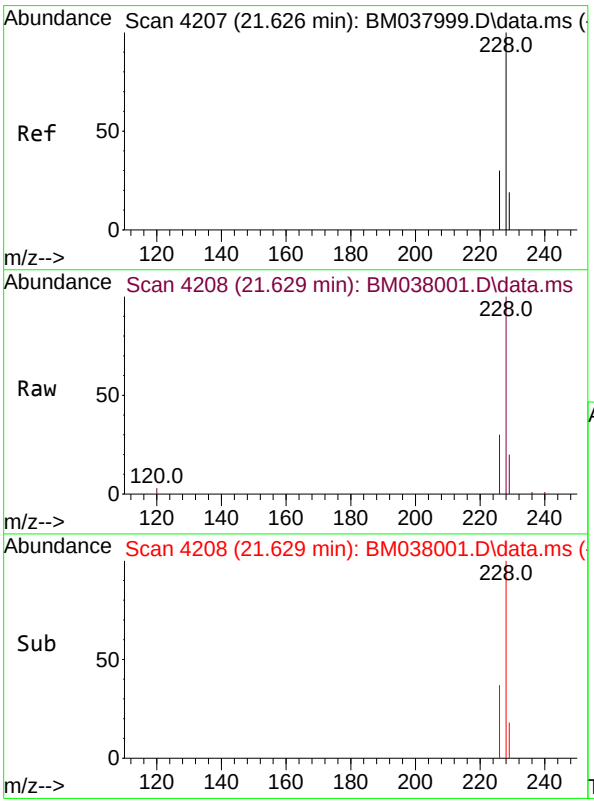
#21
Benzo(a)anthracene
Concen: 0.330 ng/ul
RT: 21.574 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Instrument :
BNA_M
ClientSampleId :
SLCS556

Tgt Ion:228 Resp: 14056

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.6
226	27.1	21.0	31.4

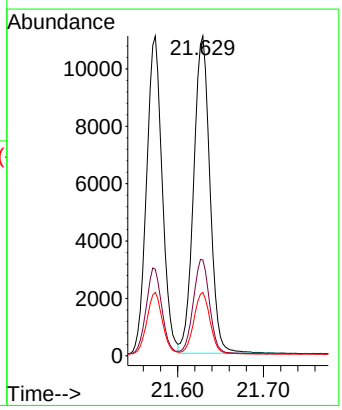


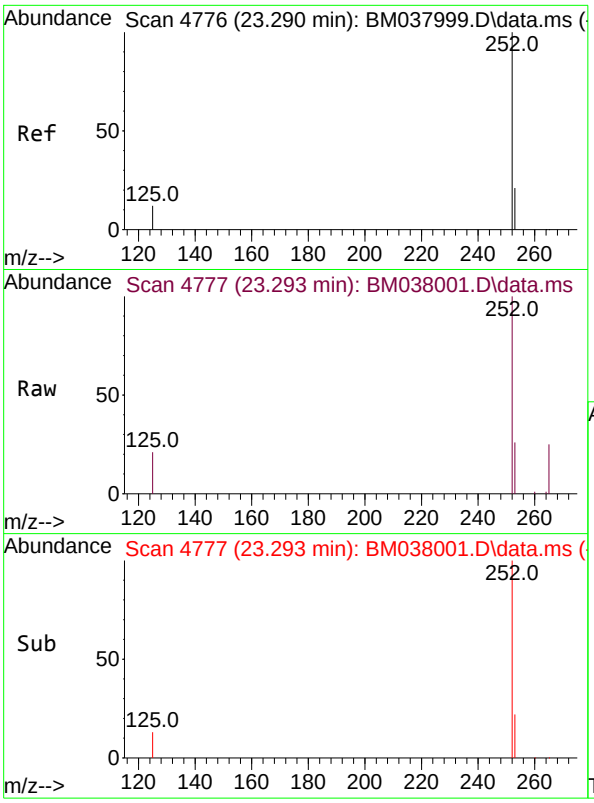


#22
Chrysene
Concen: 0.330 ng/ul
RT: 21.629 min Scan# 4208
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:228 Resp: 14570

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	19.8	15.8	23.8



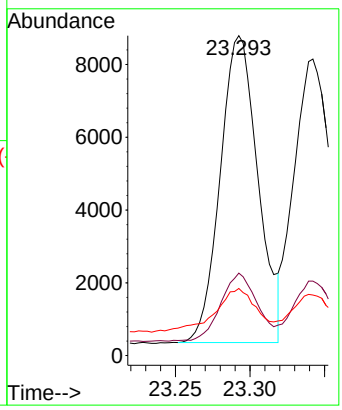


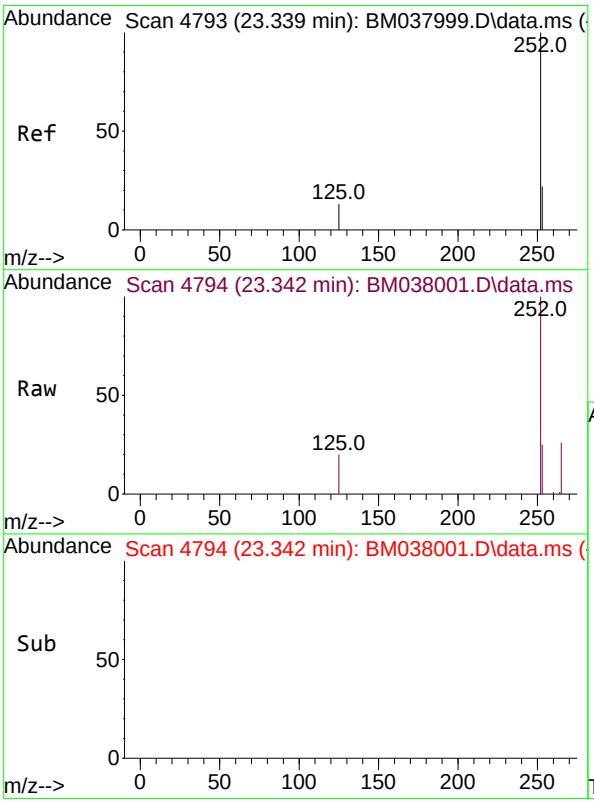
#24
Benzo(b)fluoranthene
Concen: 0.290 ng/ul
RT: 23.293 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Instrument :
BNA_M
ClientSampleId :
SLCS556

Tgt Ion:252 Resp: 14884

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	49.6
125	21.0	0.0	39.6

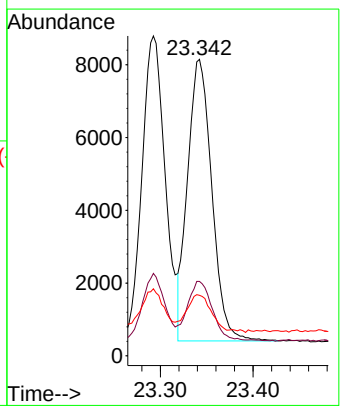


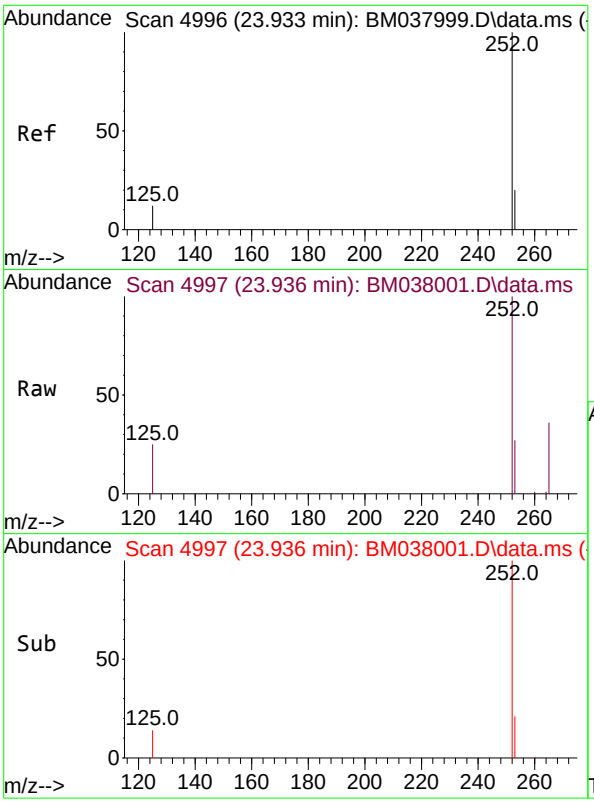


#25
Benzo(k)fluoranthene
Concen: 0.292 ng/ul
RT: 23.342 min Scan# 4794
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:252 Resp: 14051

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.4	29.0
125	20.4	16.7	25.1



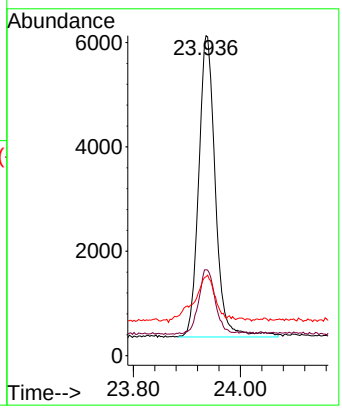


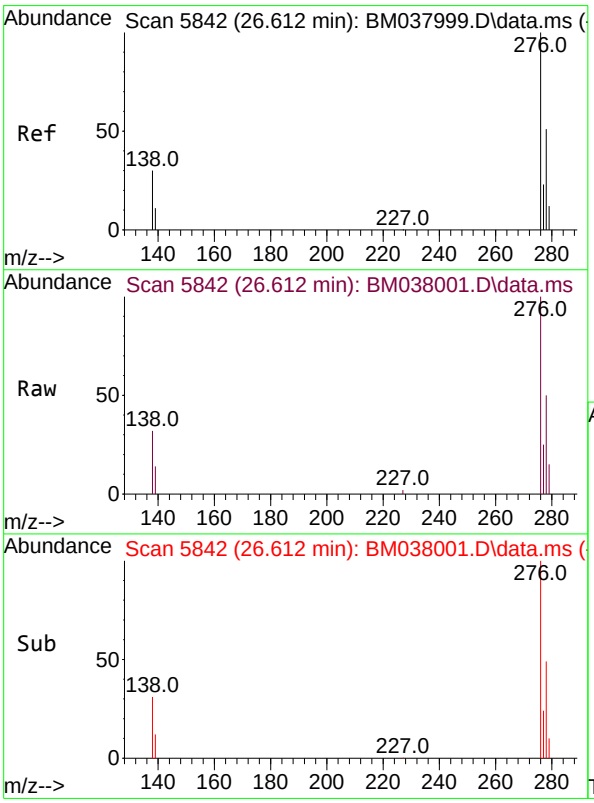
#26
Benzo(a)pyrene
Concen: 0.299 ng/ul
RT: 23.936 min Scan# 49
Delta R.T. -0.003 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Instrument :
BNA_M
ClientSampleId :
SLCS556

Tgt Ion:252 Resp: 12431

Ion	Ratio	Lower	Upper
252	100		
253	26.8	21.7	32.5
125	24.6	20.4	30.6

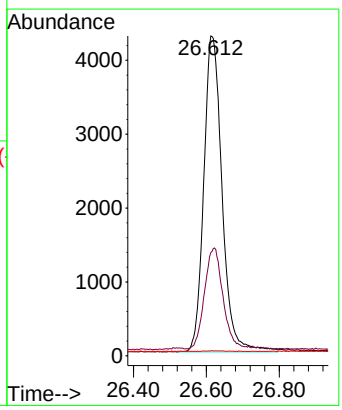


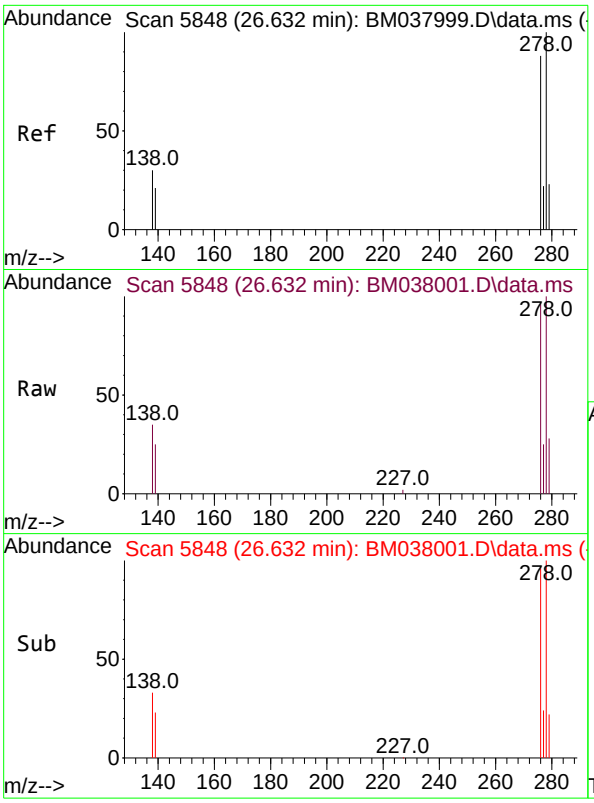


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.295 ng/ul
RT: 26.612 min Scan# 5842
Delta R.T. -0.007 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:276 Resp: 14953

Ion	Ratio	Lower	Upper
276	100		
138	32.3	0.0	0.0#
227	0.1	0.1	0.1#



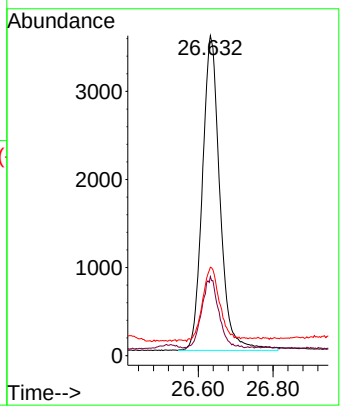


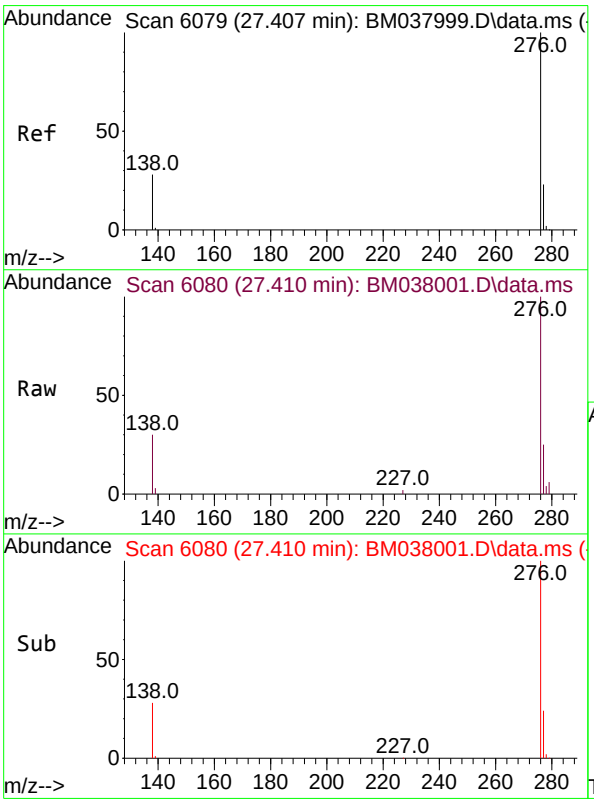
#28
Dibenzo(a,h)anthracene
Concen: 0.299 ng/ul
RT: 26.632 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Instrument :
BNA_M
ClientSampleId :
SLCS556

Tgt Ion:278 Resp: 11618

Ion	Ratio	Lower	Upper
278	100		
139	24.7	19.4	29.0
279	27.6	21.2	31.8





#29
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 27.410 min Scan# 6080
Delta R.T. -0.007 min
Lab File: BM038001.D
Acq: 14 Dec 2022 17:20

Tgt Ion:276 Resp: 12707

Ion	Ratio	Lower	Upper
276	100		
138	30.2	23.5	35.3
277	25.4	20.0	30.0