Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038029.D
Acq On : 15 Dec 2022 13:22
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV021

Quant Time: Dec 15 21:56:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	3936	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	11561	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.685	164	6174	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.422	188	13043	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	8240	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	7808	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	1920	0.357	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	6191	0.367	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	11481	0.384	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	1874	0.386	ng/ul	98
5) Naphthalene	10.928	128	14154	0.404	ng/ul	100
7) 2-Methylnaphthalene	12.528	142	9057	0.421	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	8776	0.398	ng/ul	100
10) Acenaphthylene	14.407	152	13331	0.412	ng/ul	99
11) Acenaphthene	14.745	153	10014	0.408	ng/ul	99
12) Fluorene	15.730	166	11165	0.411	ng/ul	99
14) Pentachlorophenol	17.075	266	1748	0.324	ng/ul	99
15) Phenanthrene	17.464	178	17277	0.393	ng/ul	99
16) Anthracene	17.552	178	15821	0.390	ng/ul	99
19) Fluoranthene	19.469	202	17863	0.420	ng/ul	99
20) Pyrene	19.831	202	18117	0.417	ng/ul	99
21) Benzo(a)anthracene	21.568	228	14600	0.410	ng/ul	99
22) Chrysene	21.621	228	14918	0.415	ng/ul	100
24) Benzo(b)fluoranthene	23.287	252	14721	0.398	ng/ul	99
25) Benzo(k)fluoranthene	23.336	252	14149	0.396	ng/ul	99
26) Benzo(a)pyrene	23.930	252	12090	0.388	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.609	276	13946	0.356	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.622	278	11513	0.378	ng/ul	100
29) Benzo(g,h,i)perylene	27.397	276	12517	0.376	ng/ul	99

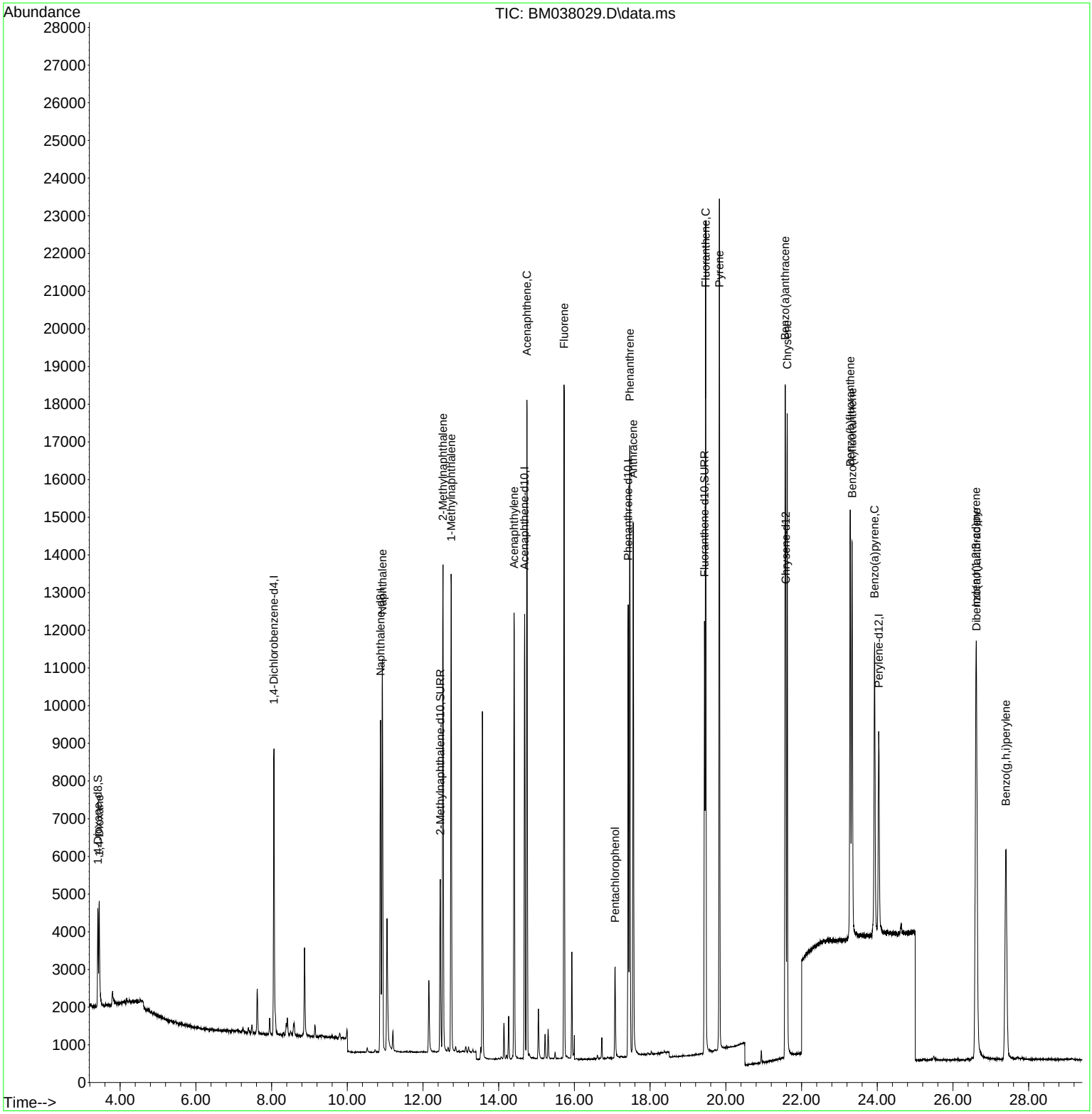
(#) = qualifier out of range (m) = manual integration (+) = signals summed

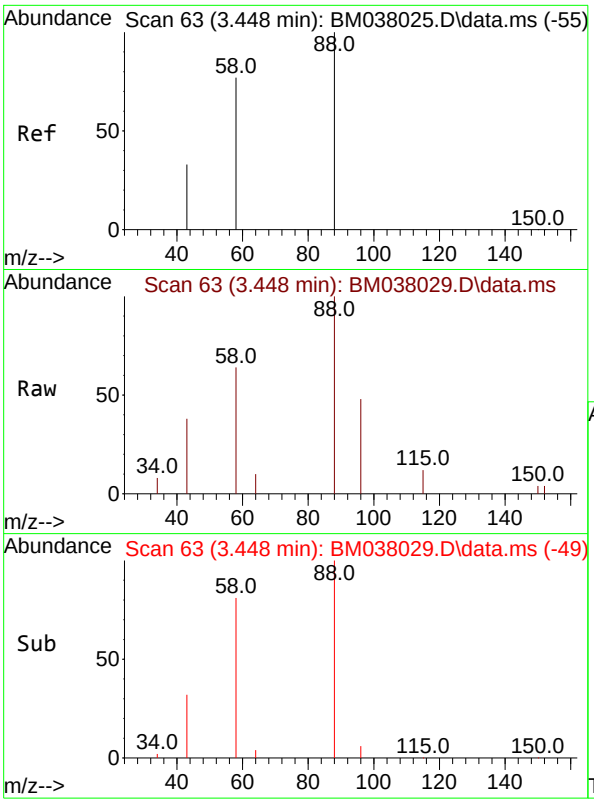
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038029.D
Acq On : 15 Dec 2022 13:22
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV021

Quant Time: Dec 15 21:56:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration



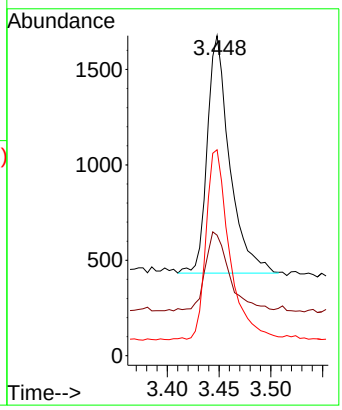


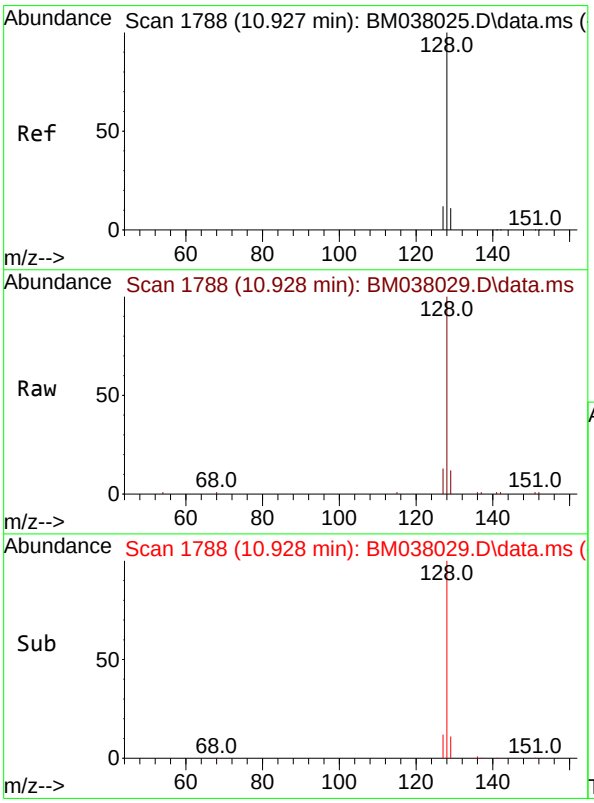
#2
1,4-Dioxane
Concen: 0.386 ng/ul
RT: 3.448 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion: 88 Resp: 1874

Ion	Ratio	Lower	Upper
88	100		
43	37.7	31.4	47.0
58	64.3	50.2	75.2

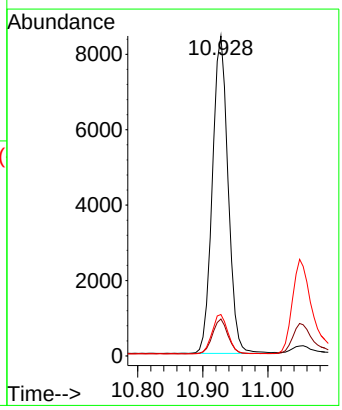


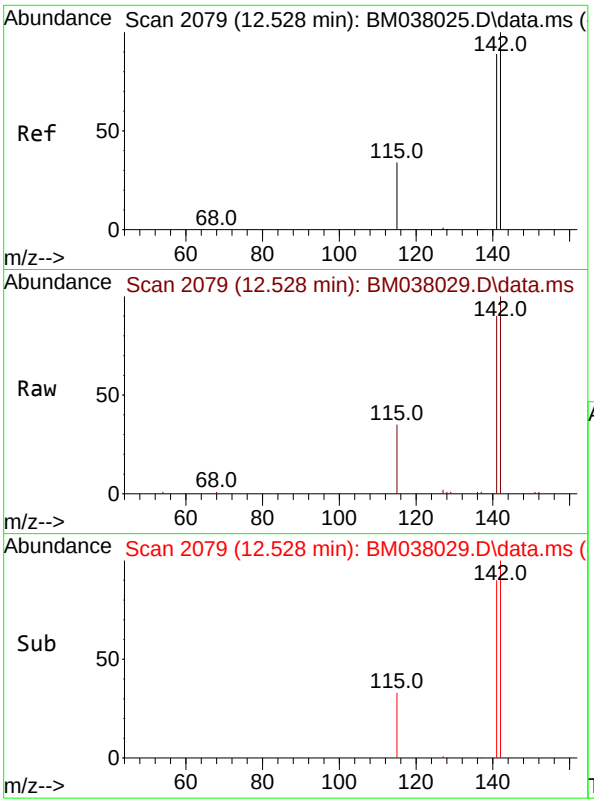


#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.928 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Tgt Ion:128 Resp: 14154

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	12.9	10.4	15.6



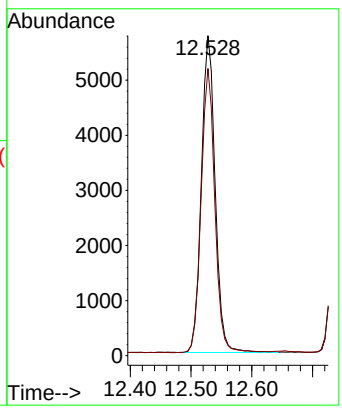


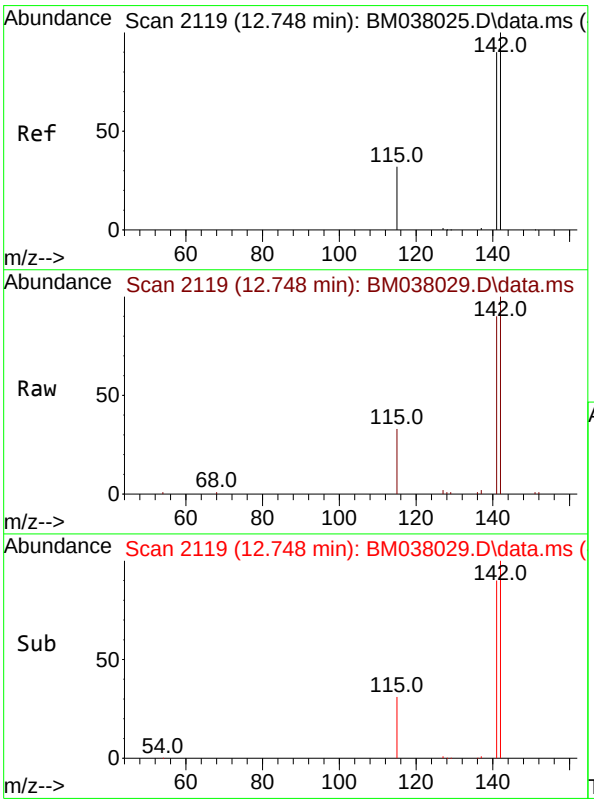
#7
2-Methylnaphthalene
Concen: 0.421 ng/ul
RT: 12.528 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:142 Resp: 9057

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6

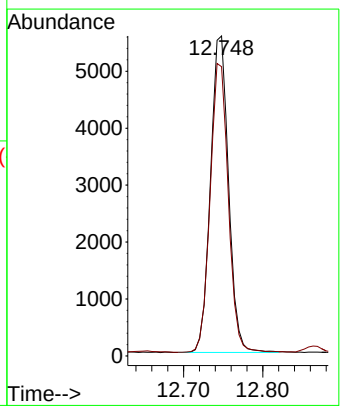


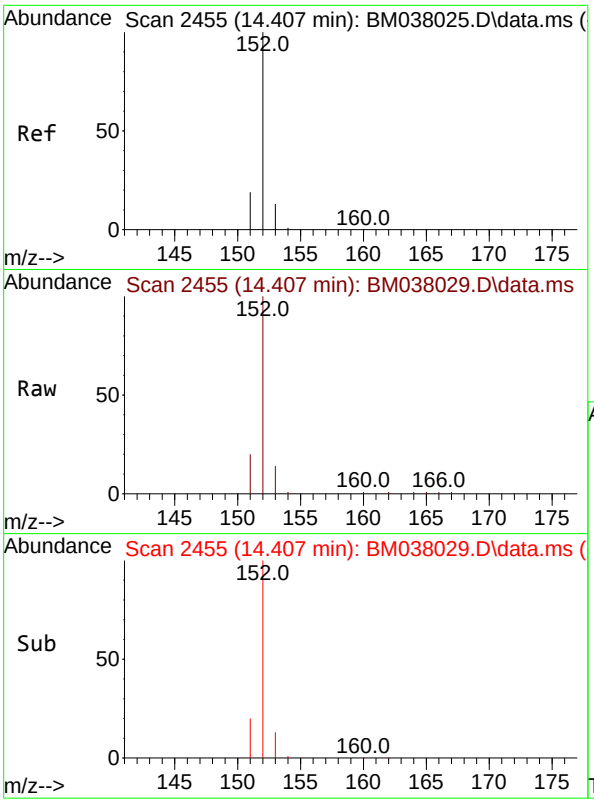


#8
1-Methylnaphthalene
Concen: 0.398 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Tgt Ion:142 Resp: 8776

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.6	110.4



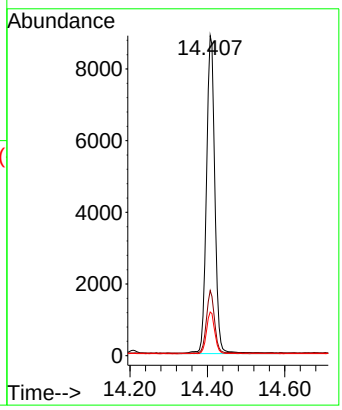


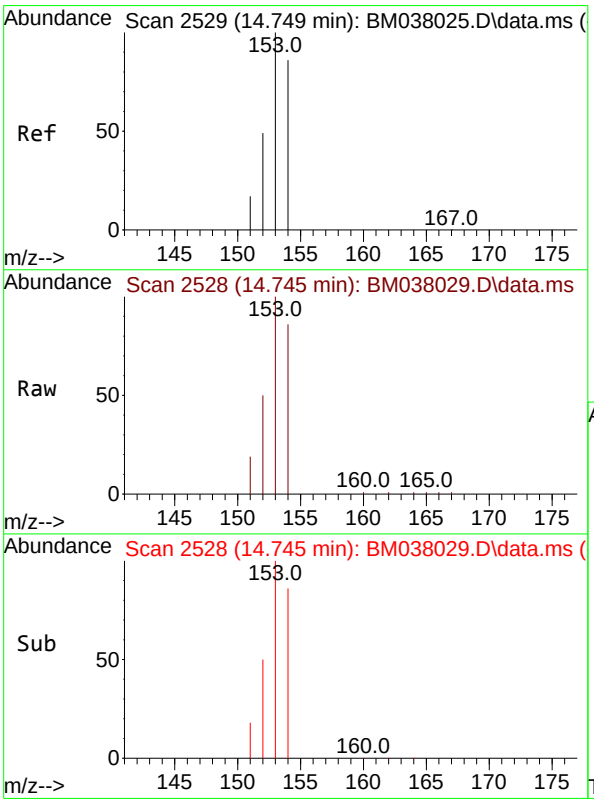
#10
Acenaphthylene
Concen: 0.412 ng/ul
RT: 14.407 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:152 Resp: 13331

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.5	23.3
153	13.7	11.0	16.4

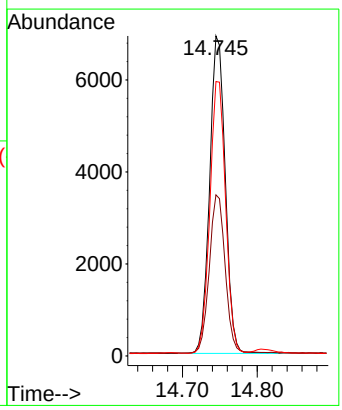


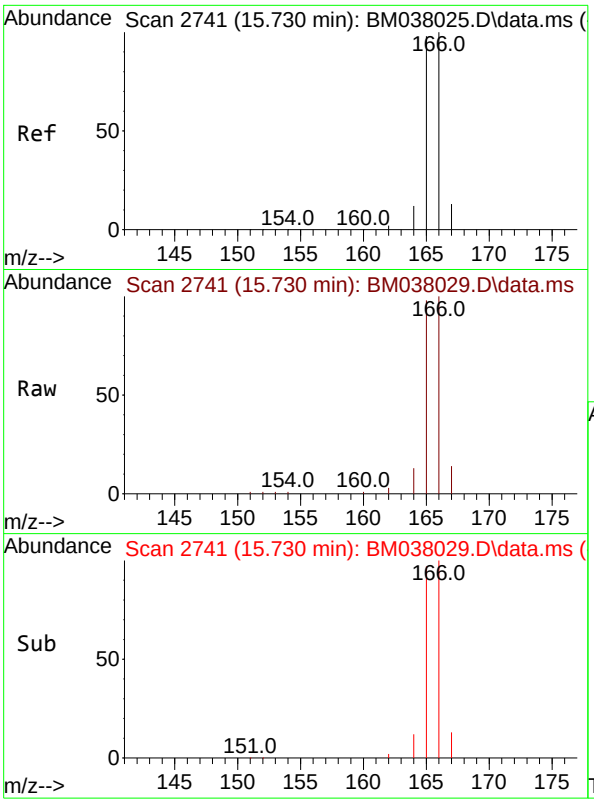


#11
Acenaphthene
Concen: 0.408 ng/ul
RT: 14.745 min Scan# 2528
Delta R.T. -0.004 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Tgt Ion:153 Resp: 10014

Ion	Ratio	Lower	Upper
153	100		
152	50.3	39.5	59.3
154	85.7	69.2	103.8



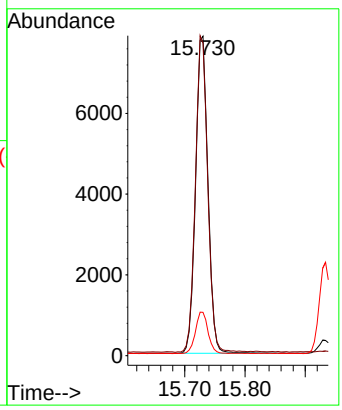


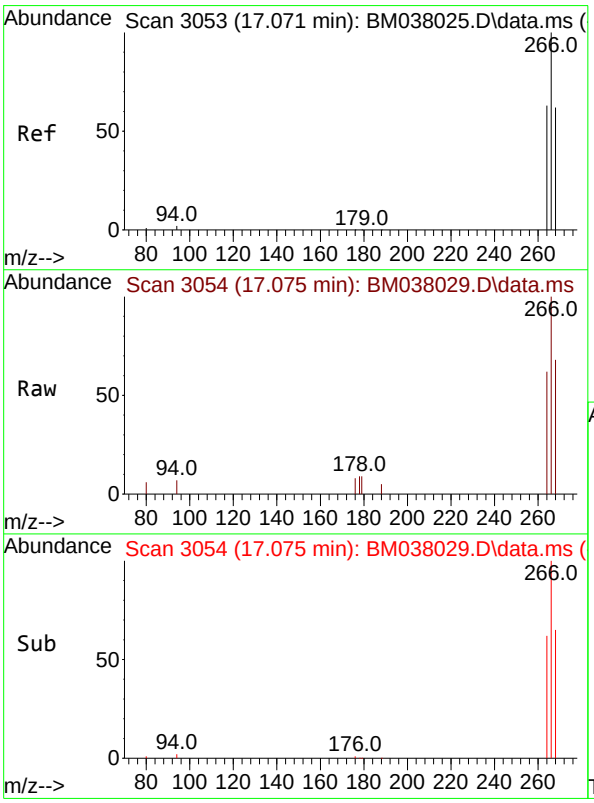
#12
Fluorene
Concen: 0.411 ng/ul
RT: 15.730 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:166 Resp: 11165

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.0	118.4
167	13.6	11.1	16.7

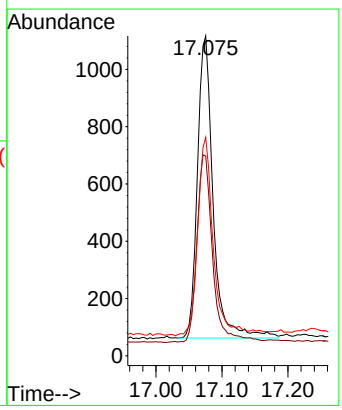


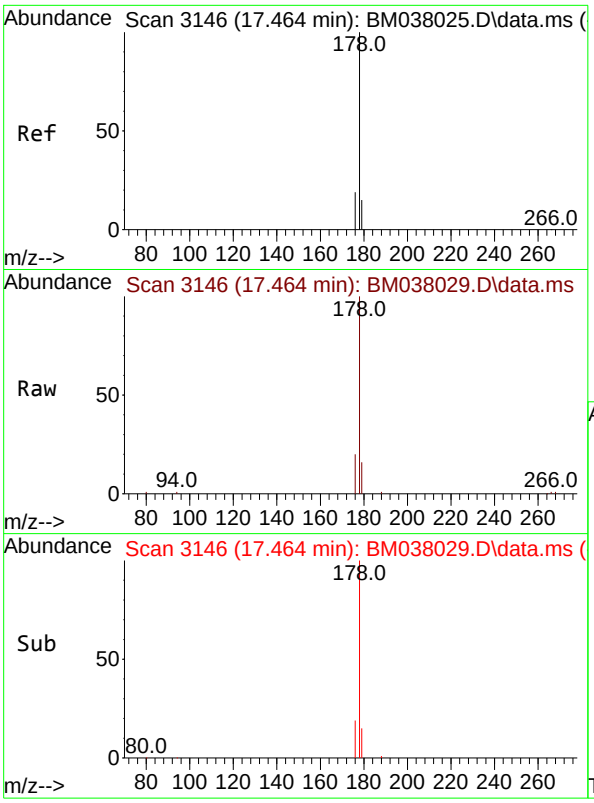


#14
Pentachlorophenol
Concen: 0.324 ng/ul
RT: 17.075 min Scan# 3054
Delta R.T. 0.004 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Tgt Ion:266 Resp: 1748

Ion	Ratio	Lower	Upper
266	100		
264	61.7	49.9	74.9
268	66.6	52.0	78.0



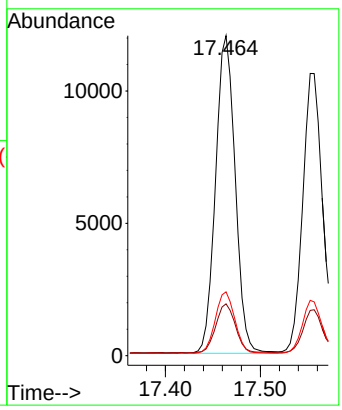


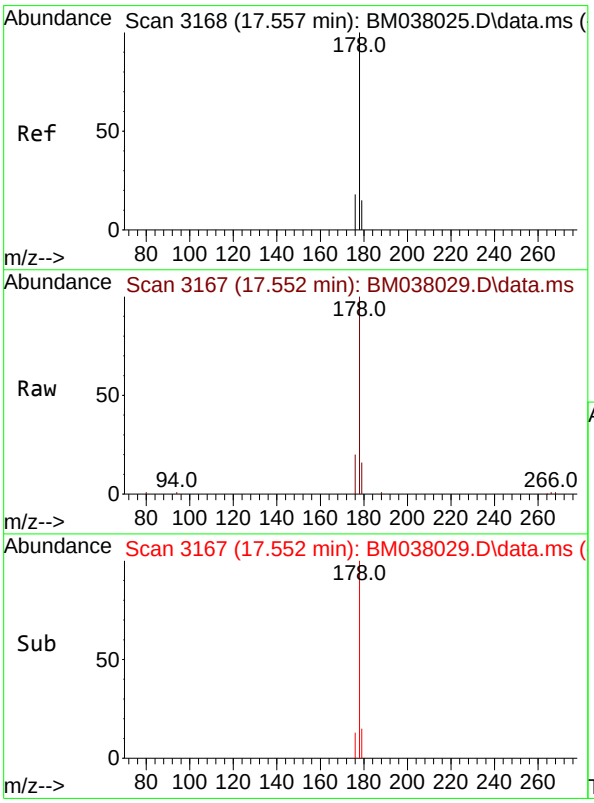
#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.464 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:178 Resp: 17277

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	19.9	15.8	23.6

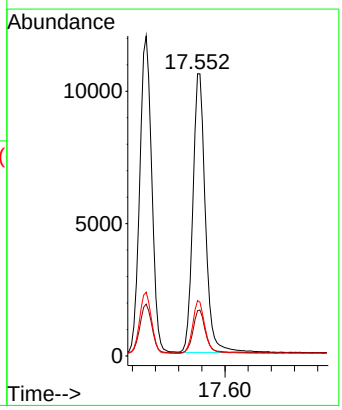


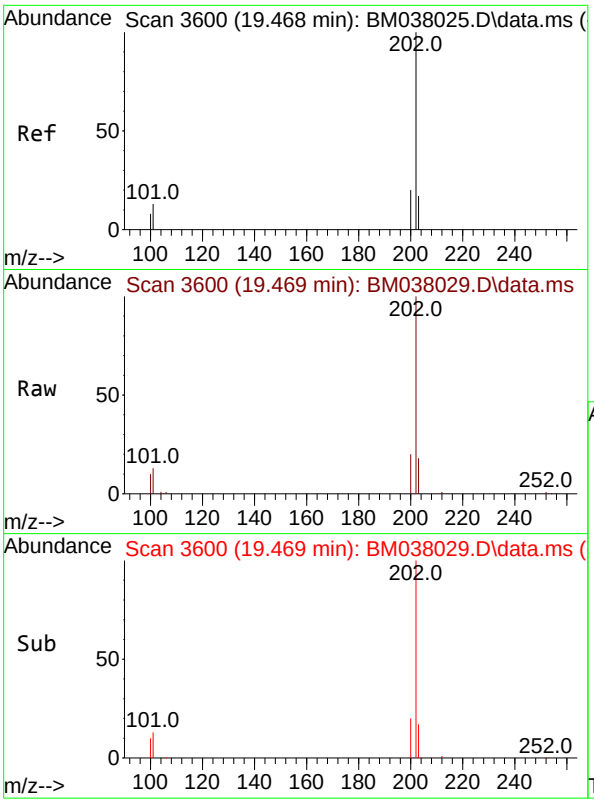


#16
Anthracene
Concen: 0.390 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Tgt Ion:178 Resp: 15821

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.4
176	19.6	15.0	22.4



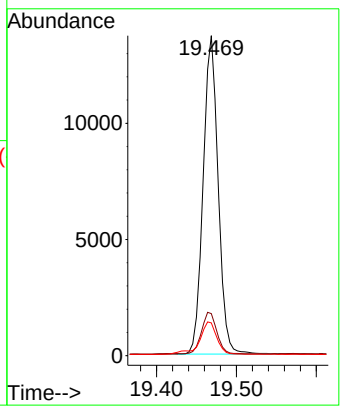


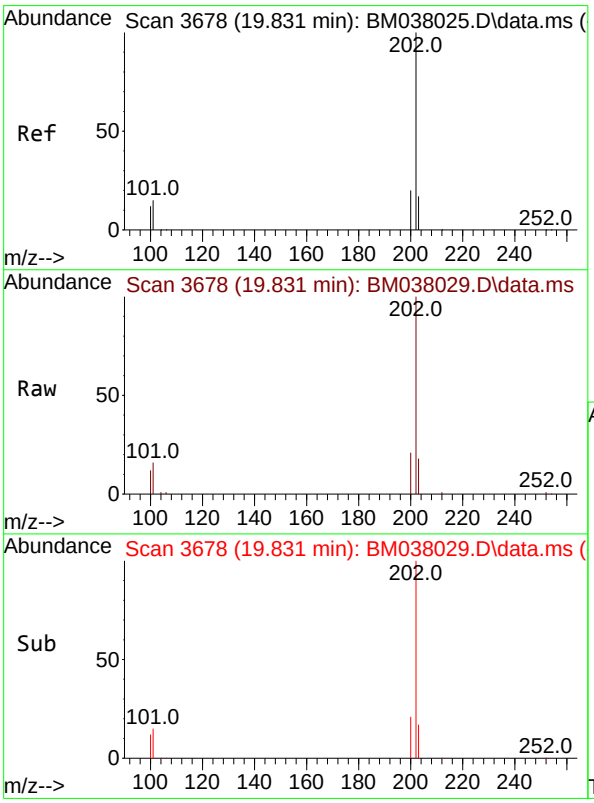
#19
Fluoranthene
Concen: 0.420 ng/ul
RT: 19.469 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:202 Resp: 17863

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.6	15.8
100	10.3	7.9	11.9

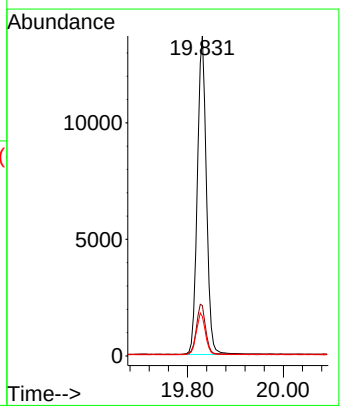


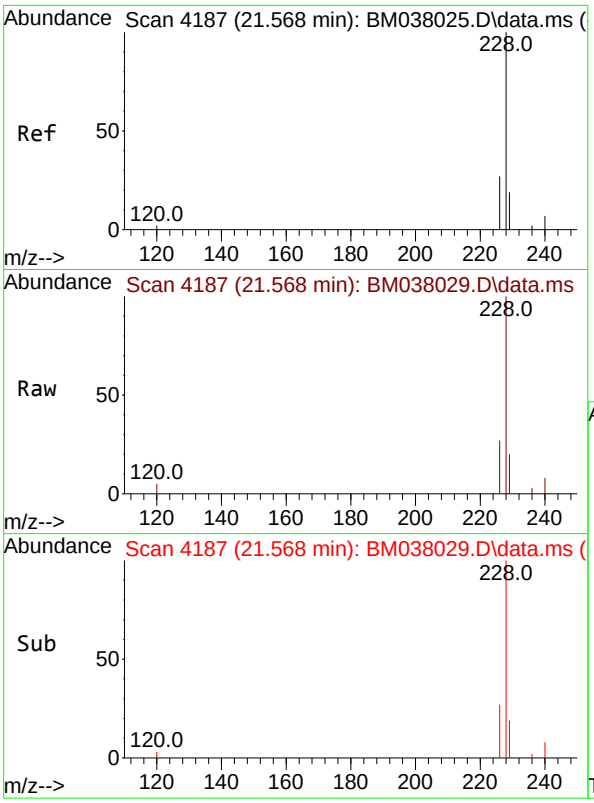


#20
Pyrene
Concen: 0.417 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Tgt Ion:202 Resp: 18117

Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.1	18.1
100	12.4	9.8	14.6



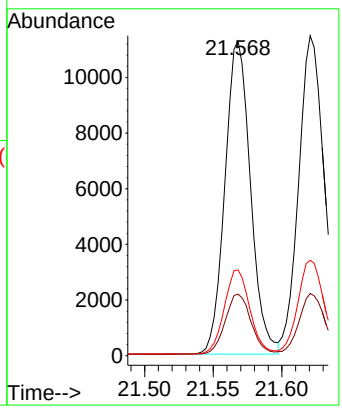


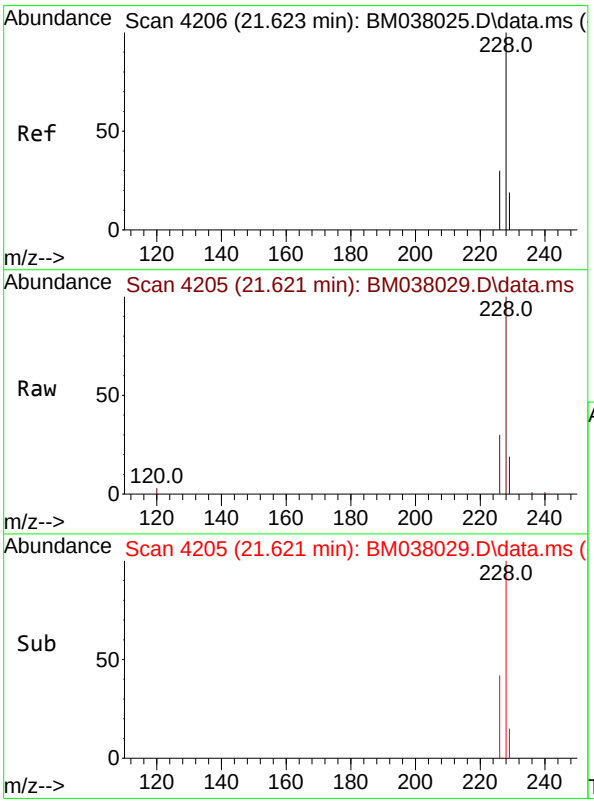
#21
Benzo(a)anthracene
Concen: 0.410 ng/ul
RT: 21.568 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:228 Resp: 14600

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.9	23.9
226	27.3	22.1	33.1

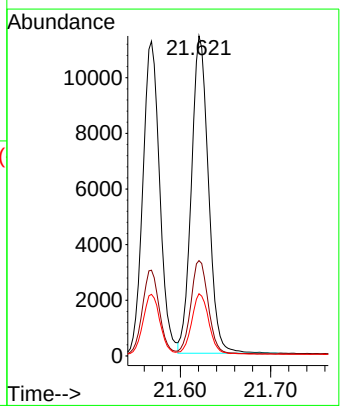


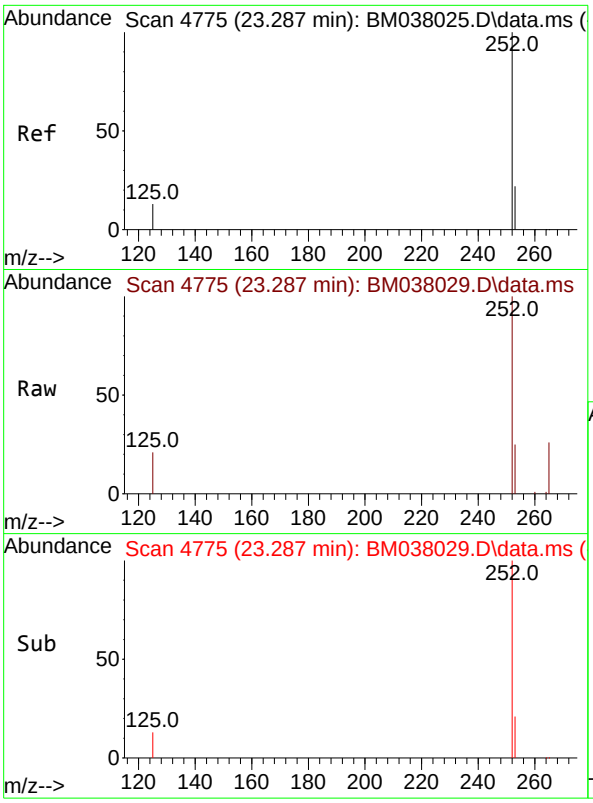


#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.621 min Scan# 4205
Delta R.T. -0.003 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Tgt Ion:228 Resp: 14918

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.4	15.7	23.5



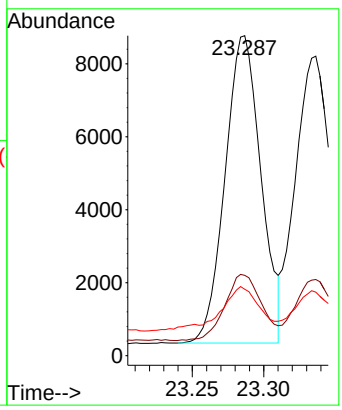


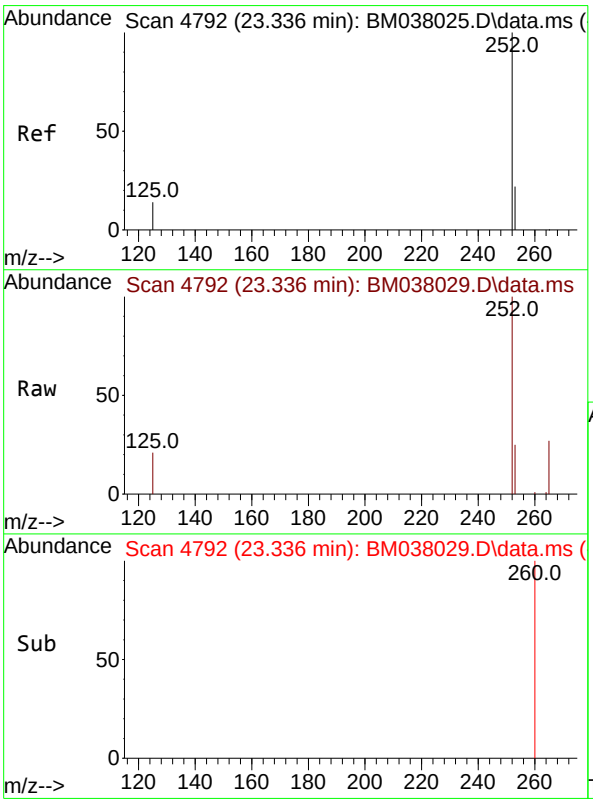
#24
Benzo(b)fluoranthene
Concen: 0.398 ng/ul
RT: 23.287 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:252 Resp: 14721

Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	51.8
125	20.8	0.0	42.2

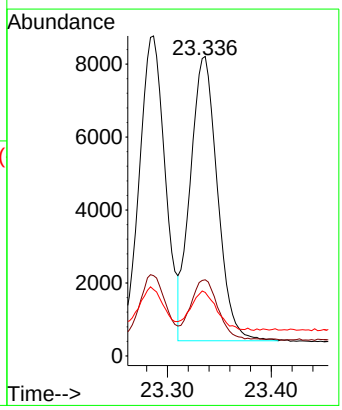


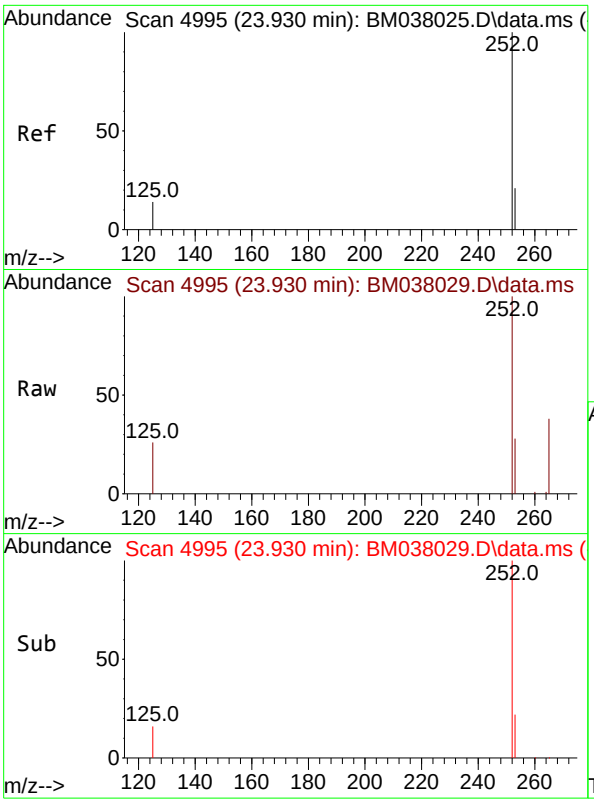


#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 23.336 min Scan# 4792
Delta R.T. 0.000 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Tgt Ion:252 Resp: 14149

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.8	31.2
125	21.2	17.1	25.7



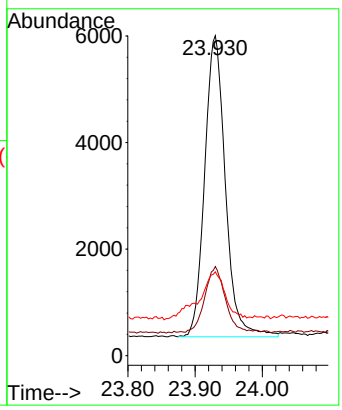


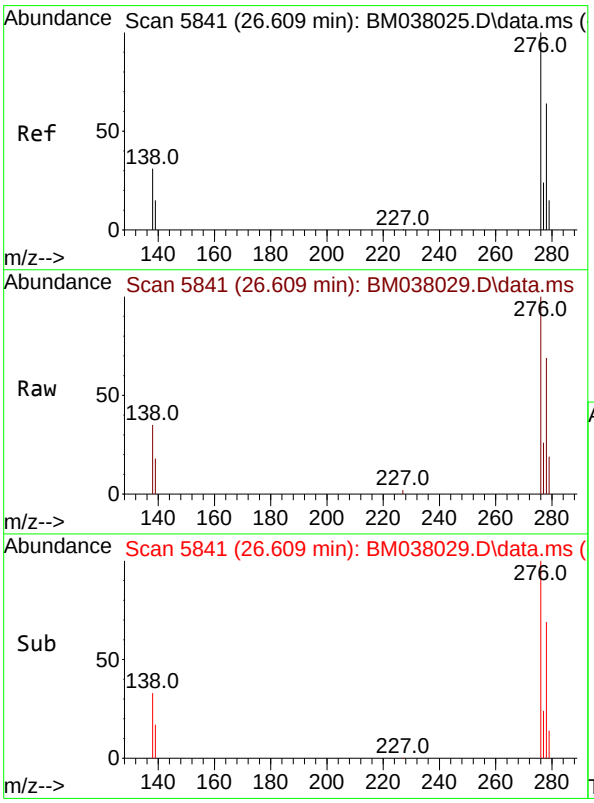
#26
Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.930 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:252 Resp: 12090

Ion	Ratio	Lower	Upper
252	100		
253	27.9	21.9	32.9
125	26.2	20.7	31.1

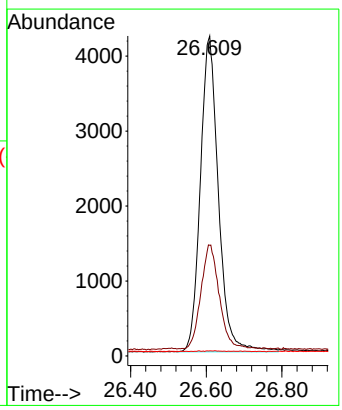


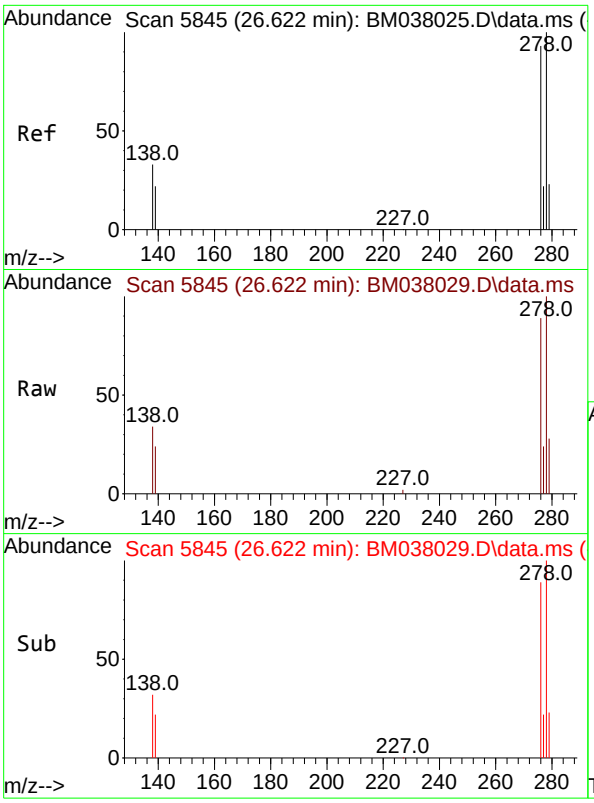


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng/ul
RT: 26.609 min Scan# 5841
Delta R.T. 0.000 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Tgt Ion:276 Resp: 13946

Ion	Ratio	Lower	Upper
276	100		
138	33.4	26.6	40.0
227	0.1	0.1	0.1#



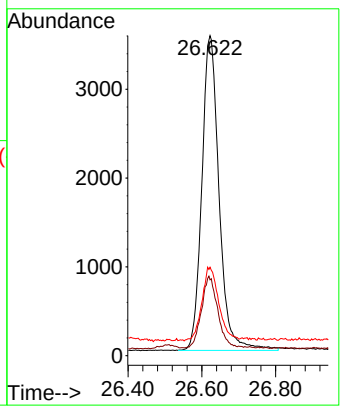


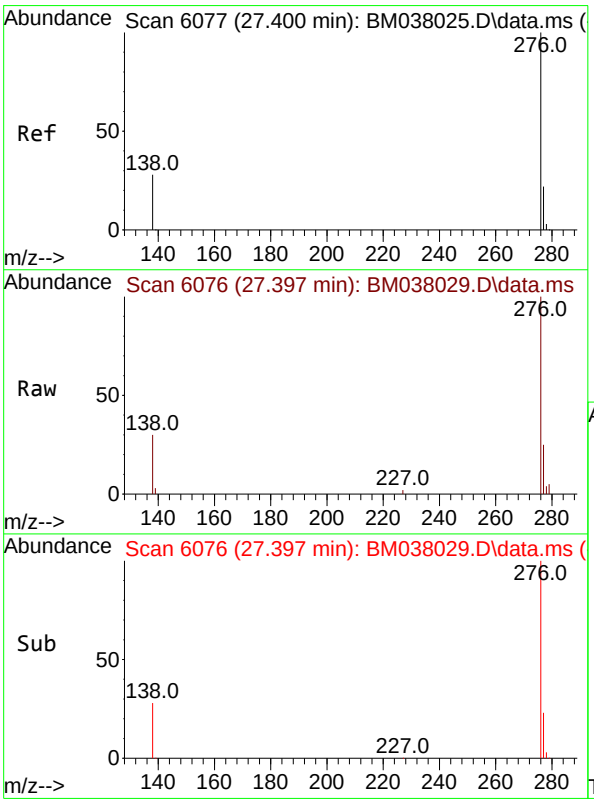
#28
Dibenzo(a,h)anthracene
Concen: 0.378 ng/ul
RT: 26.622 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:278 Resp: 11513

Ion	Ratio	Lower	Upper
278	100		
139	23.7	19.0	28.6
279	27.7	22.4	33.6





#29
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 27.397 min Scan# 6076
Delta R.T. -0.003 min
Lab File: BM038029.D
Acq: 15 Dec 2022 13:22

Tgt Ion:276 Resp: 12517

Ion	Ratio	Lower	Upper
276	100		
138	30.3	24.1	36.1
277	24.5	19.0	28.6