Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051923\
Data File : BM039961.D
Acq On : 19 May 2023 17:06
Operator : CG/JU
Sample : 02614-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3G15

Quant Time: May 19 23:36:19 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 15:08:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.029	152	7314	0.400	ng/ul	0.00
4) Naphthalene-d8	10.844	136	21740	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.660	164	9296	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	17070	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	8004	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	7609	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	3568	0.372	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.422	152	6438	0.257	ng/ul	0.00
18) Fluoranthene-d10	19.421	212	9629	0.374	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.894	128	12308	0.220	ng/ul	99
7) 2-Methylnaphthalene	12.499	142	15188	0.481	ng/ul	100
10) Acenaphthylene	14.383	152	6931	0.181	ng/ul	98
11) Acenaphthene	14.721	153	9827	0.313	ng/ul	99
12) Fluorene	15.706	166	14251	0.449	ng/ul	99
14) Pentachlorophenol	17.045	266	1341	0.380	ng/ul	96
15) Phenanthrene	17.442	178	16299	0.335	ng/ul	100
16) Anthracene	17.535	178	14847	0.373	ng/ul	99
19) Fluoranthene	19.454	202	16009	0.417	ng/ul	99
20) Pyrene	19.812	202	15321	0.403	ng/ul	99
21) Benzo(a)anthracene	21.559	228	12935	0.517	ng/ul	99
22) Chrysene	21.611	228	14420	0.496	ng/ul	100
24) Benzo(b)fluoranthene	23.277	252	18534	0.615	ng/ul	97
25) Benzo(k)fluoranthene	23.327	252	9662	0.309	ng/ul#	95
26) Benzo(a)pyrene	23.918	252	8954	0.367	ng/ul	95
28) Dibenzo(a,h)anthracene	26.608	278	20066	0.752	ng/ul	98
29) Benzo(g,h,i)perylene	27.363	276	8867	0.311	ng/ul	99

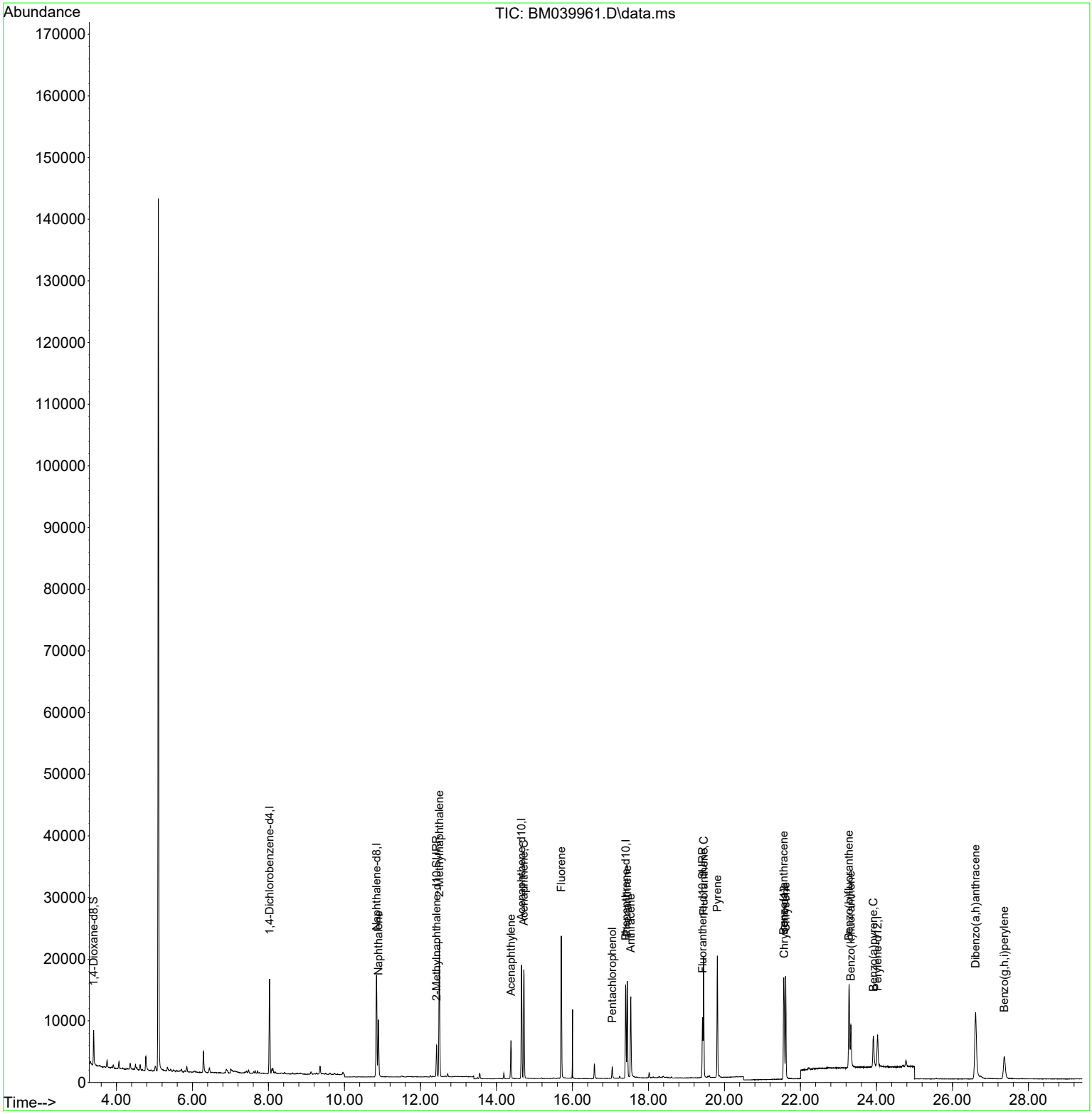
(#) = qualifier out of range (m) = manual integration (+) = signals summed

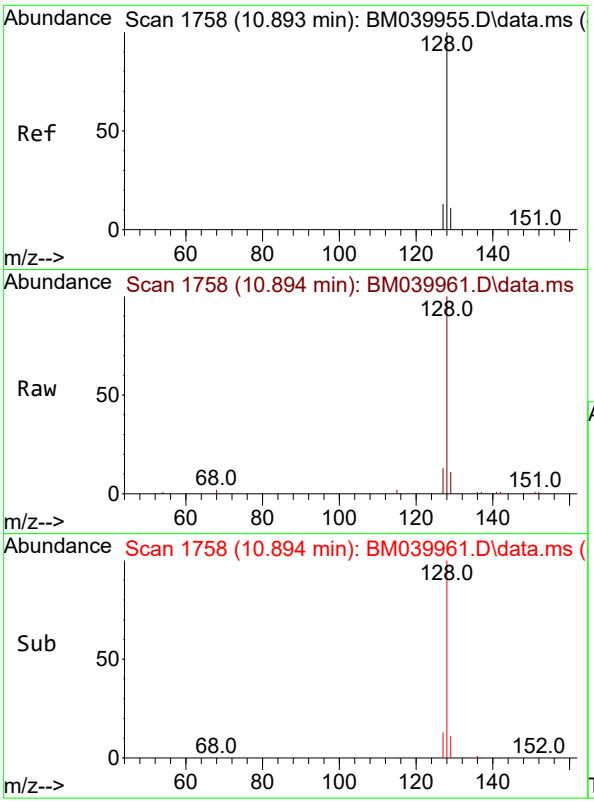
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051923\
Data File : BM039961.D
Acq On : 19 May 2023 17:06
Operator : CG/JU
Sample : 02614-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3G15

Quant Time: May 19 23:36:19 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 15:08:18 2023
Response via : Initial Calibration



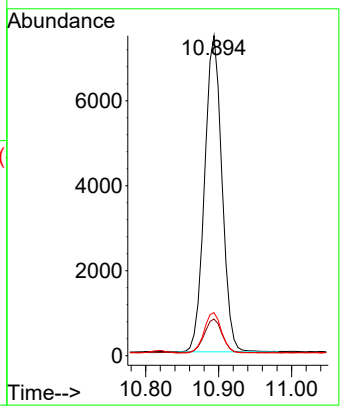


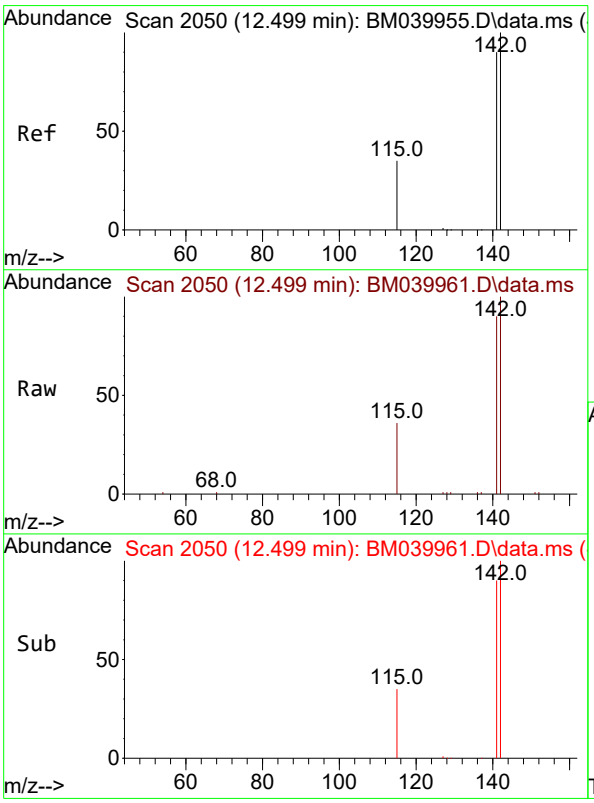
#5
Naphthalene
Concen: 0.220 ng/ul
RT: 10.894 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039961.D
Acq: 19 May 2023 17:06

Instrument :
BNA_M
ClientSampleId :
X3G15

Tgt Ion:128 Resp: 12308

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.5	10.4	15.6

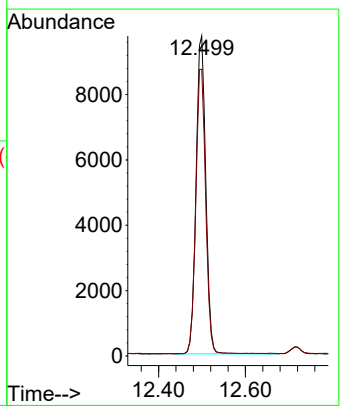


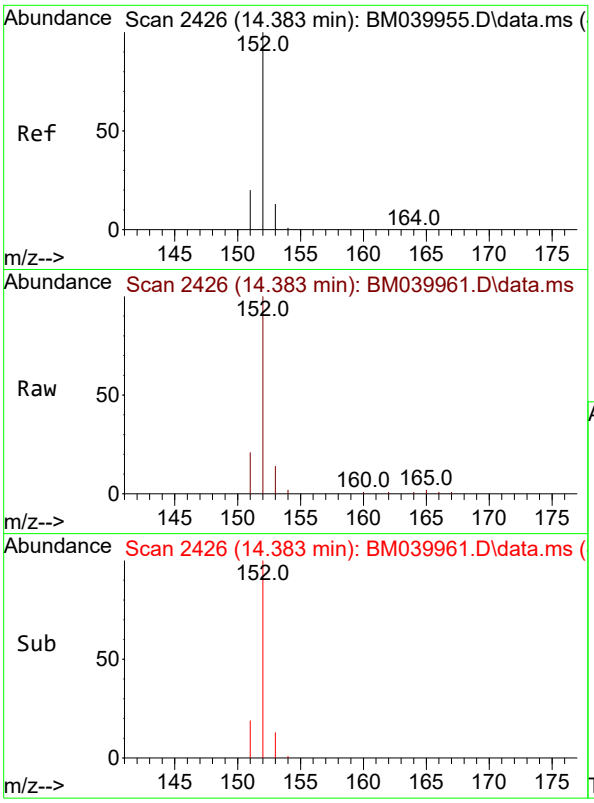


#7
2-Methylnaphthalene
Concen: 0.481 ng/ul
RT: 12.499 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BM039961.D
Acq: 19 May 2023 17:06

Tgt Ion:142 Resp: 15188

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.4	108.6



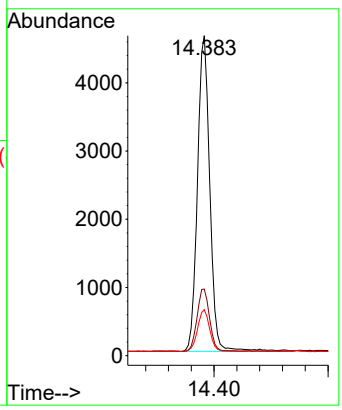


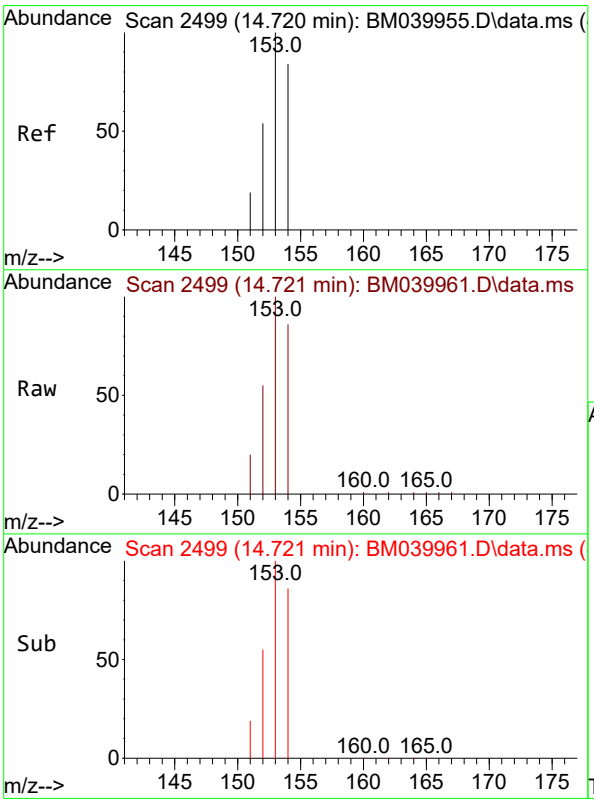
#10
Acenaphthylene
Concen: 0.181 ng/ul
RT: 14.383 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM039961.D
Acq: 19 May 2023 17:06

Instrument :
BNA_M
ClientSampleId :
X3G15

Tgt Ion:152 Resp: 6931

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	14.4	10.6	15.8

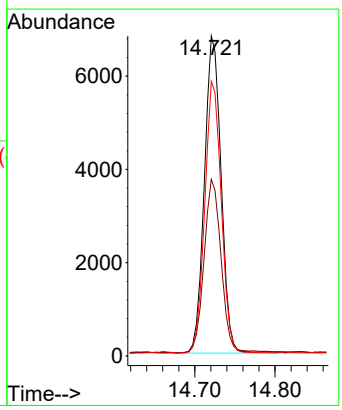


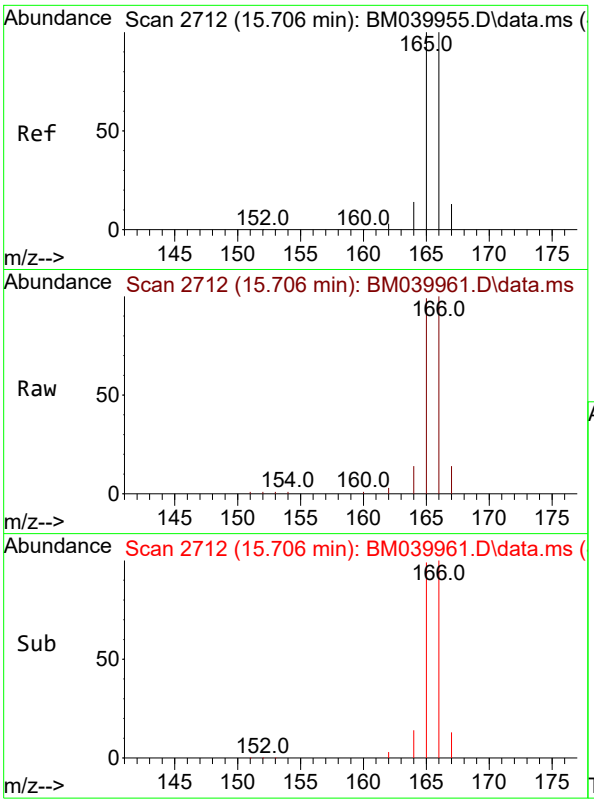


#11
Acenaphthene
Concen: 0.313 ng/ul
RT: 14.721 min Scan# 2499
Delta R.T. 0.000 min
Lab File: BM039961.D
Acq: 19 May 2023 17:06

Tgt Ion:153 Resp: 9827

Ion	Ratio	Lower	Upper
153	100		
152	55.2	43.5	65.3
154	85.8	67.8	101.6



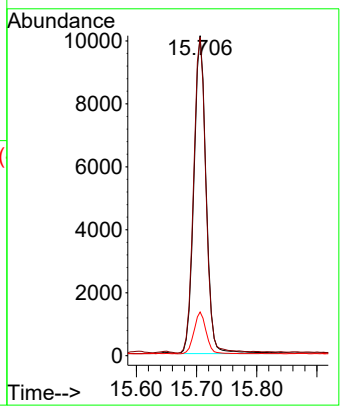


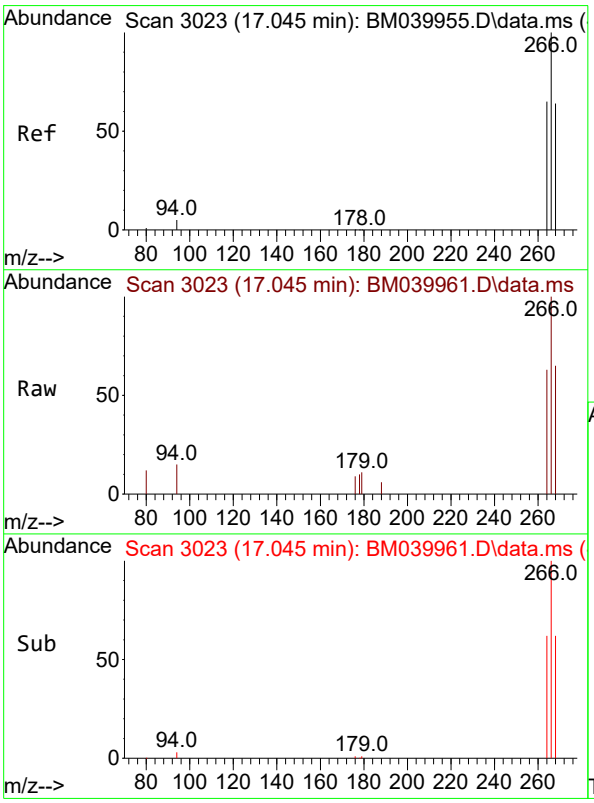
#12
Fluorene
Concen: 0.449 ng/ul
RT: 15.706 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM039961.D
Acq: 19 May 2023 17:06

Instrument :
BNA_M
ClientSampleId :
X3G15

Tgt Ion:166 Resp: 14251

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.1	120.1
167	13.6	11.0	16.4

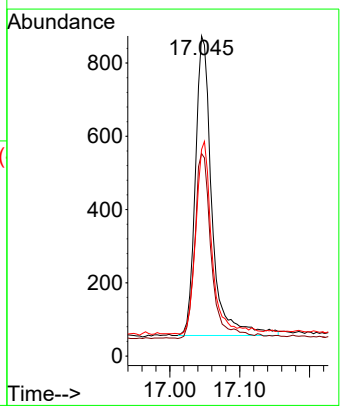


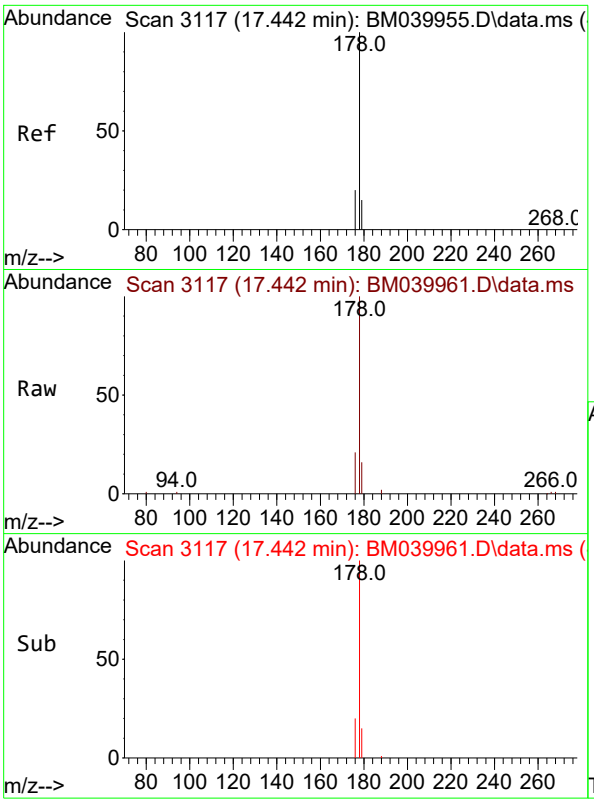


#14
Pentachlorophenol
Concen: 0.380 ng/ul
RT: 17.045 min Scan# 3023
Delta R.T. 0.000 min
Lab File: BM039961.D
Acq: 19 May 2023 17:06

Tgt Ion:266 Resp: 1341

Ion	Ratio	Lower	Upper
266	100		
264	61.7	51.0	76.6
268	62.9	53.4	80.2



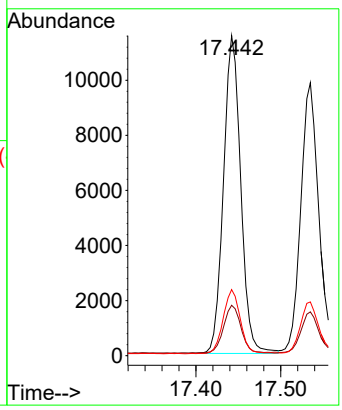


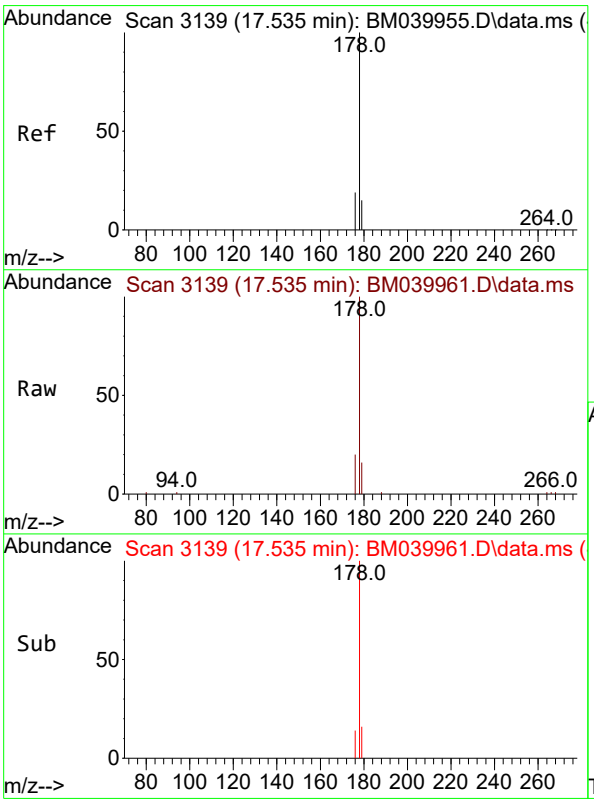
#15
Phenanthrene
Concen: 0.335 ng/ul
RT: 17.442 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM039961.D
Acq: 19 May 2023 17:06

Instrument :
BNA_M
ClientSampleId :
X3G15

Tgt Ion:178 Resp: 16299

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	20.7	16.6	24.8

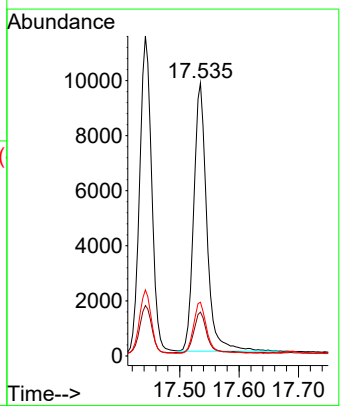


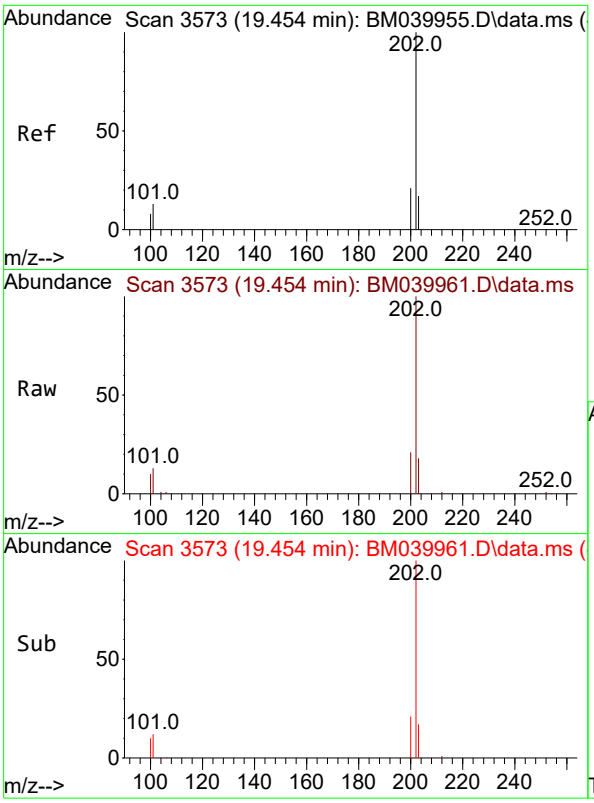


#16
Anthracene
Concen: 0.373 ng/ul
RT: 17.535 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM039961.D
Acq: 19 May 2023 17:06

Tgt Ion:178 Resp: 14847

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	18.8
176	19.7	15.6	23.4



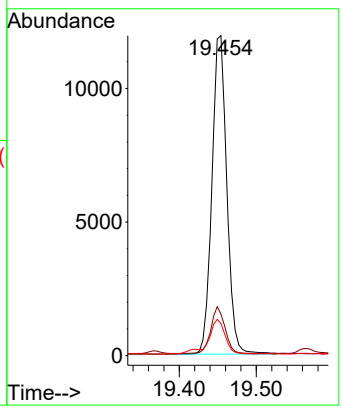


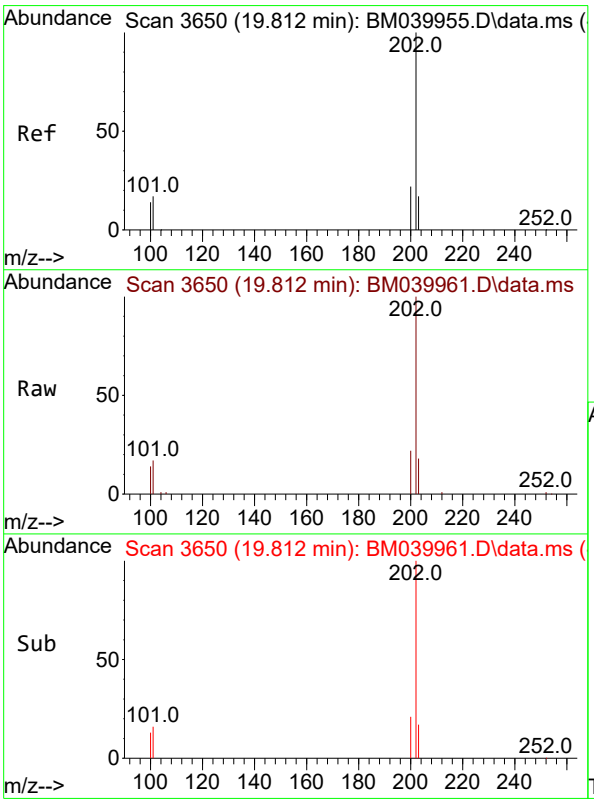
#19
Fluoranthene
Concen: 0.417 ng/ul
RT: 19.454 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM039961.D
Acq: 19 May 2023 17:06

Instrument :
BNA_M
ClientSampleId :
X3G15

Tgt Ion:202 Resp: 16009

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.8	16.2
100	10.1	8.2	12.4

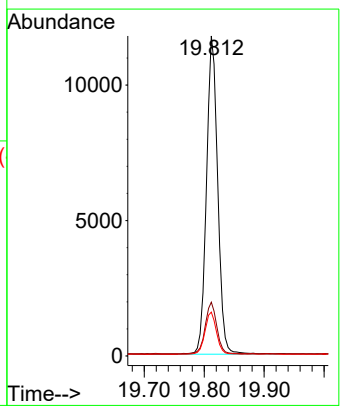


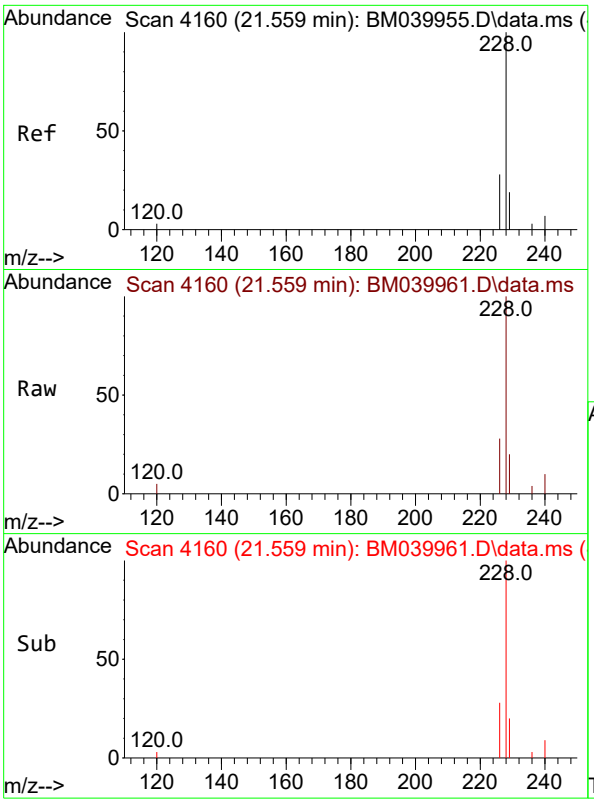


#20
Pyrene
Concen: 0.403 ng/ul
RT: 19.812 min Scan# 3650
Delta R.T. 0.000 min
Lab File: BM039961.D
Acq: 19 May 2023 17:06

Tgt Ion:202 Resp: 15321

Ion	Ratio	Lower	Upper
202	100		
101	16.8	13.8	20.6
100	13.7	11.1	16.7



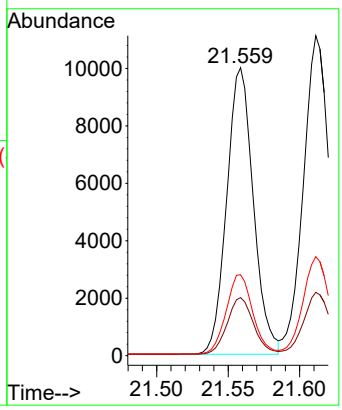


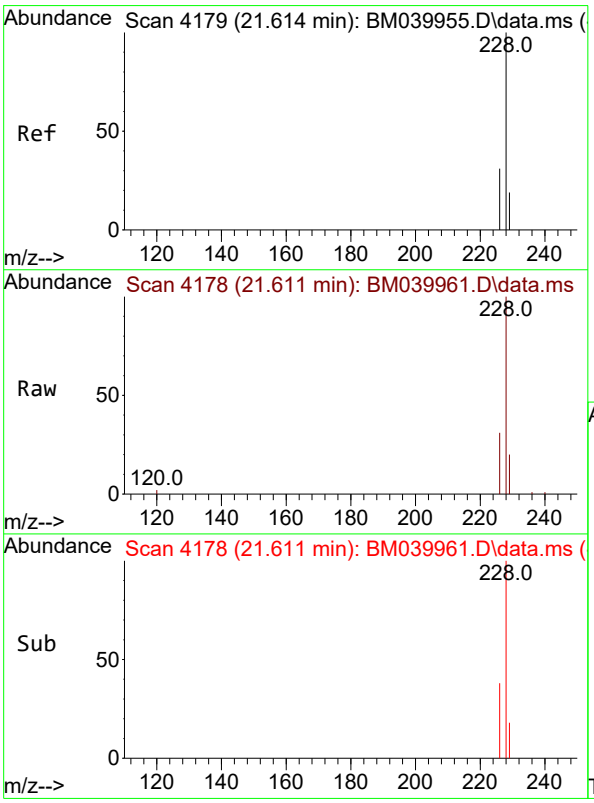
#21
Benzo(a)anthracene
Concen: 0.517 ng/ul
RT: 21.559 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM039961.D
Acq: 19 May 2023 17:06

Instrument :
BNA_M
ClientSampleId :
X3G15

Tgt Ion:228 Resp: 12935

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.7	23.5
226	28.1	22.7	34.1

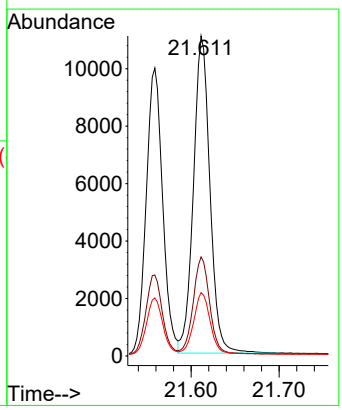


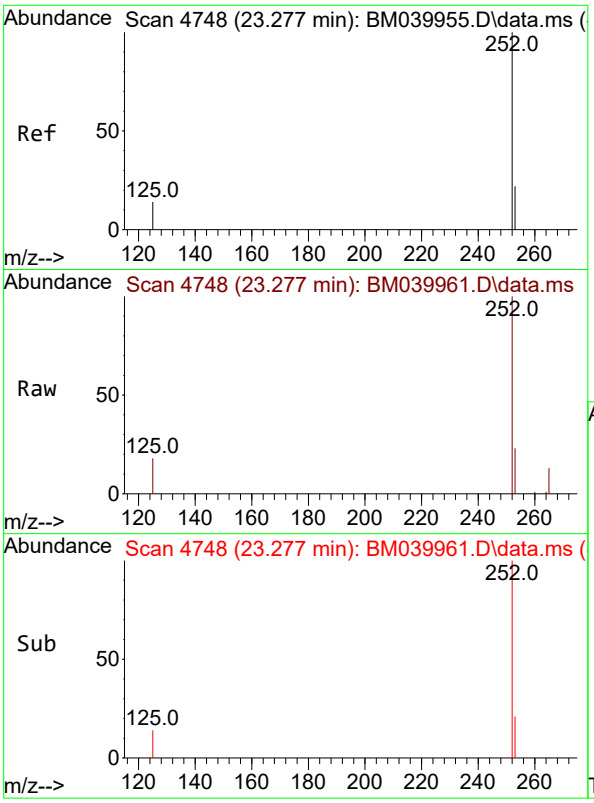


#22
Chrysene
Concen: 0.496 ng/ul
RT: 21.611 min Scan# 4178
Delta R.T. -0.003 min
Lab File: BM039961.D
Acq: 19 May 2023 17:06

Tgt Ion:228 Resp: 14420

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	36.8
229	19.8	15.8	23.6



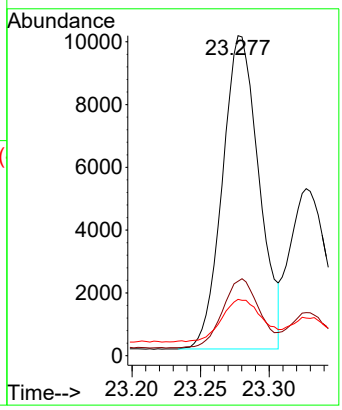


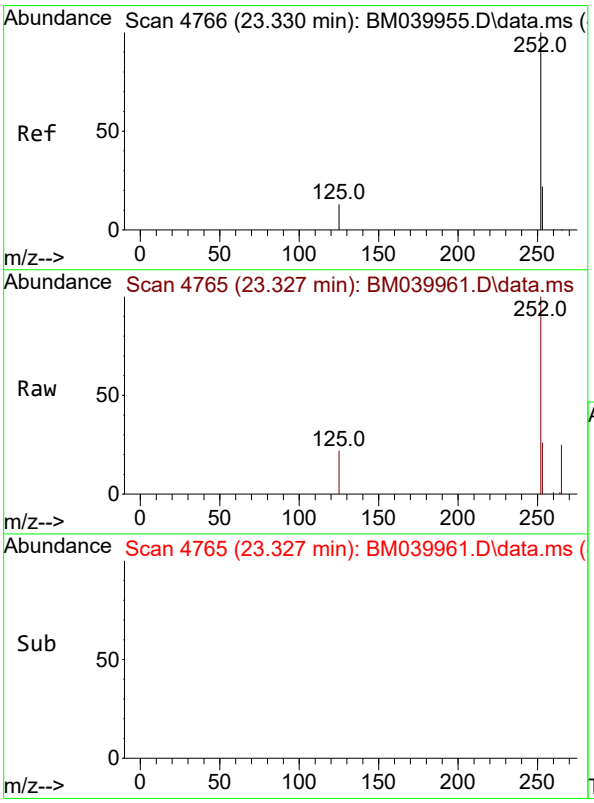
#24
Benzo(b)fluoranthene
Concen: 0.615 ng/ul
RT: 23.277 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM039961.D
Acq: 19 May 2023 17:06

Instrument :
BNA_M
ClientSampleId :
X3G15

Tgt Ion:252 Resp: 18534

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	49.2
125	17.6	0.0	37.2

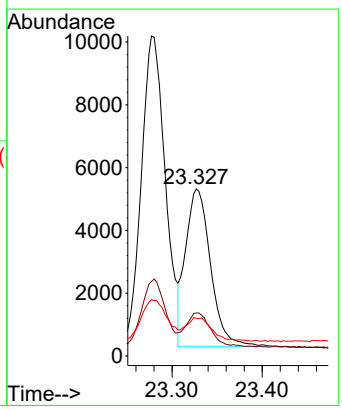


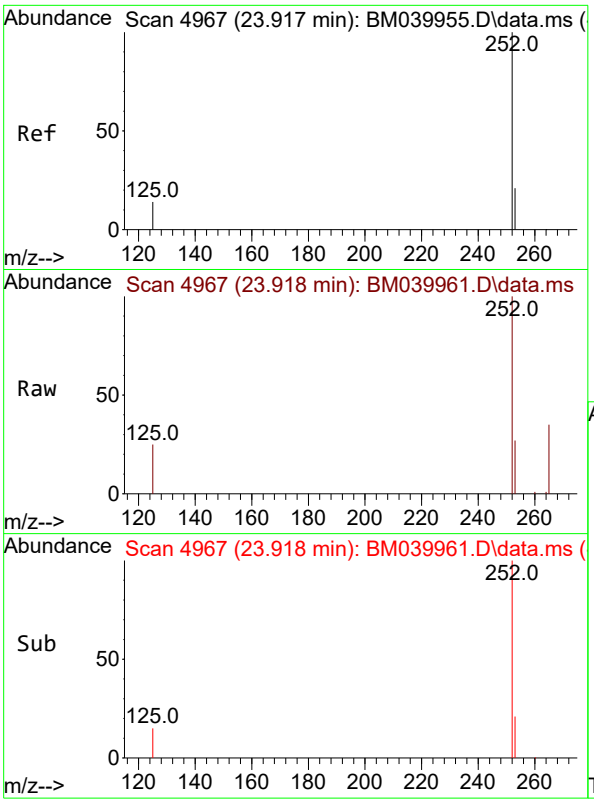


#25
Benzo(k)fluoranthene
Concen: 0.309 ng/ul
RT: 23.327 min Scan# 4765
Delta R.T. -0.003 min
Lab File: BM039961.D
Acq: 19 May 2023 17:06

Tgt Ion:252 Resp: 9662

Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.8	29.8
125	22.5	14.7	22.1#



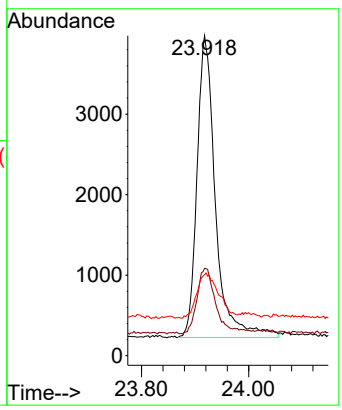


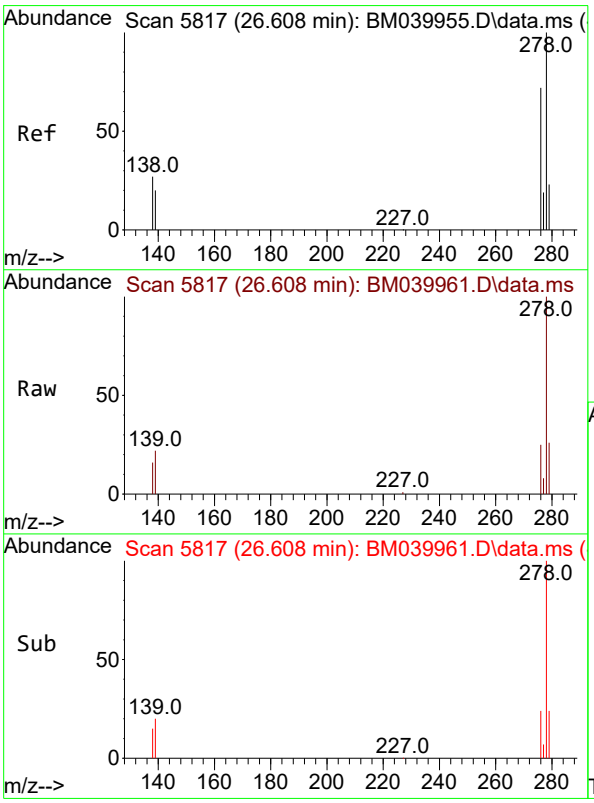
#26
Benzo(a)pyrene
Concen: 0.367 ng/ul
RT: 23.918 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM039961.D
Acq: 19 May 2023 17:06

Instrument :
BNA_M
ClientSampleId :
X3G15

Tgt Ion:252 Resp: 8954

Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.3	30.5
125	25.4	17.8	26.8

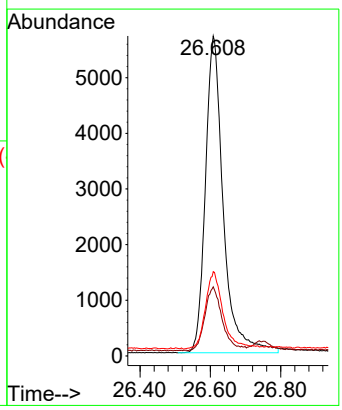


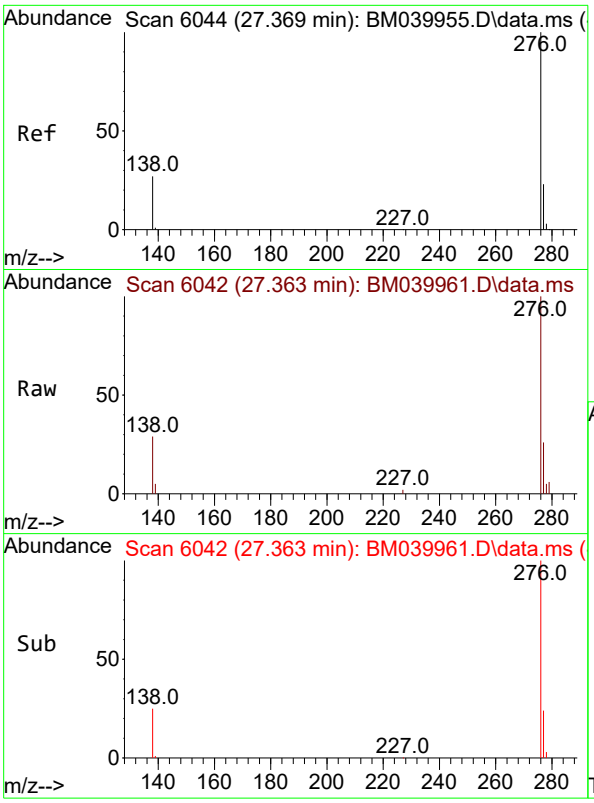


#28
Dibenzo(a,h)anthracene
Concen: 0.752 ng/ul
RT: 26.608 min Scan# 5817
Delta R.T. 0.000 min
Lab File: BM039961.D
Acq: 19 May 2023 17:06

Tgt Ion:278 Resp: 20066

Ion	Ratio	Lower	Upper
278	100		
139	21.6	18.4	27.6
279	26.3	21.6	32.4





#29
Benzo(g,h,i)perylene
Concen: 0.311 ng/ul
RT: 27.363 min Scan# 6
Delta R.T. -0.007 min
Lab File: BM039961.D
Acq: 19 May 2023 17:06

Instrument :
BNA_M
ClientSampleId :
X3G15

Tgt Ion:276 Resp: 8867

Ion	Ratio	Lower	Upper
276	100		
138	28.8	23.1	34.7
277	26.2	19.9	29.9