Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
Data File : BM035619.D
Acq On : 23 Jun 2022 11:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 24 01:35:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	3995	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	16133	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	8619	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.225	188	18213	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	12256	0.400	ng/ul	0.00
23) Perylene-d12	23.762	264	10488	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	2359	0.420	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	9932	0.414	ng/ul	0.00
18) Fluoranthene-d10	19.247	212	18163	0.441	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	2246	0.401	ng/ul#	78
5) Naphthalene	10.694	128	17805	0.326	ng/ul	99
7) 2-Methylnaphthalene	12.321	142	10996	0.352	ng/ul	95
8) 1-Methylnaphthalene	12.519	142	10964	0.382	ng/ul	100
10) Acenaphthylene	14.196	152	17618	0.363	ng/ul	99
11) Acenaphthene	14.529	153	13720	0.382	ng/ul	99
12) Fluorene	15.533	166	15346	0.377	ng/ul	100
14) Pentachlorophenol	16.933	266	1069	0.306	ng/ul	97
15) Phenanthrene	17.267	178	23345	0.350	ng/ul	99
16) Anthracene	17.372	178	20266	0.347	ng/ul	99
19) Fluoranthene	19.280	202	24955	0.398	ng/ul	99
20) Pyrene	19.642	202	28358	0.432	ng/ul	99
21) Benzo(a)anthracene	21.400	228	15411	0.333	ng/ul	100
22) Chrysene	21.447	228	19380	0.351	ng/ul	100
24) Benzo(b)fluoranthene	23.049	252	16057	0.350	ng/ul	98
25) Benzo(k)fluoranthene	23.095	252	16607	0.349	ng/ul	97
26) Benzo(a)pyrene	23.665	252	17095	0.359	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.215	276	20066	0.366	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.225	278	16477	0.368	ng/ul	99
29) Benzo(g,h,i)perylene	26.943	276	18055	0.368	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
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Instrument :
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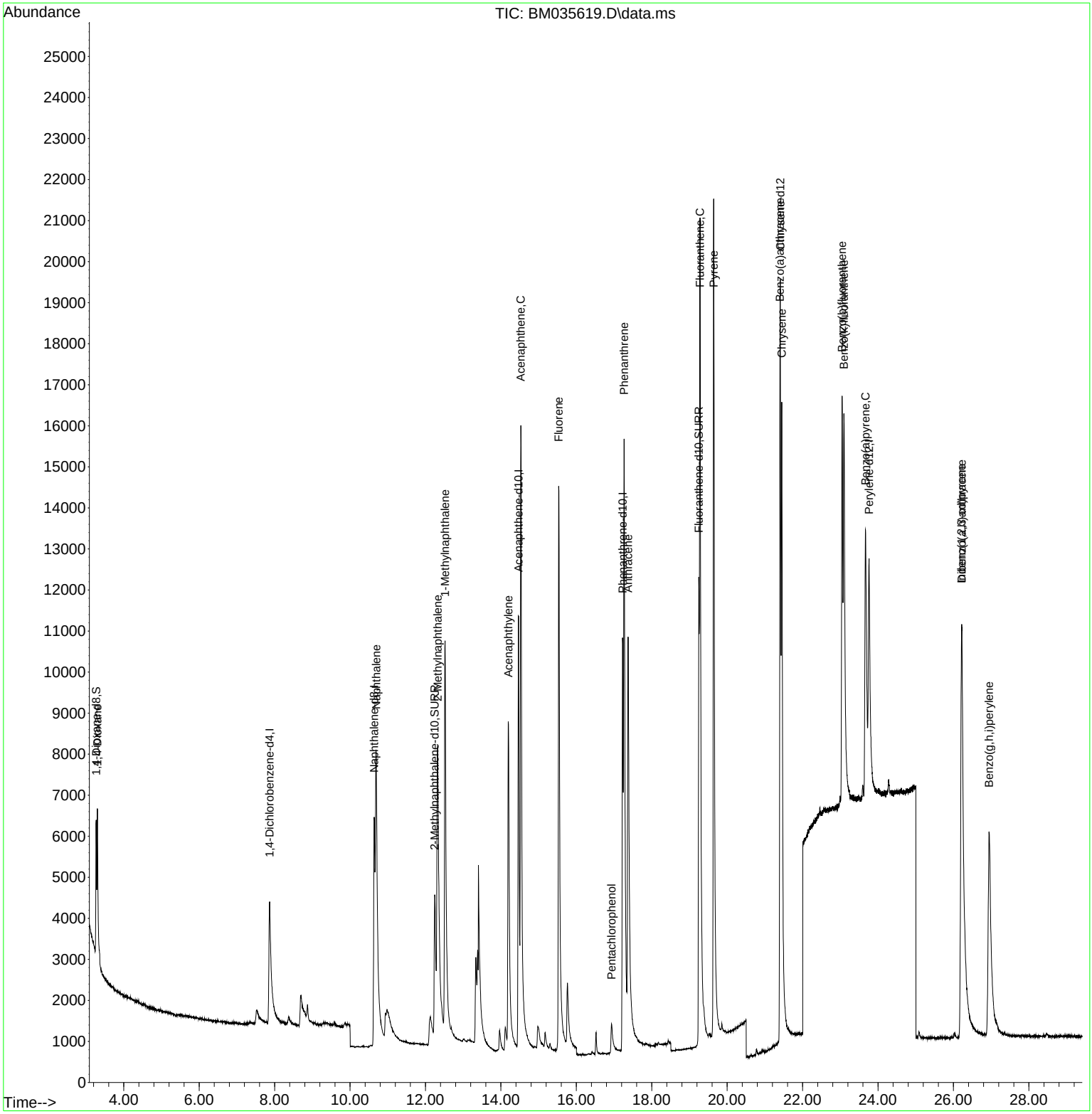
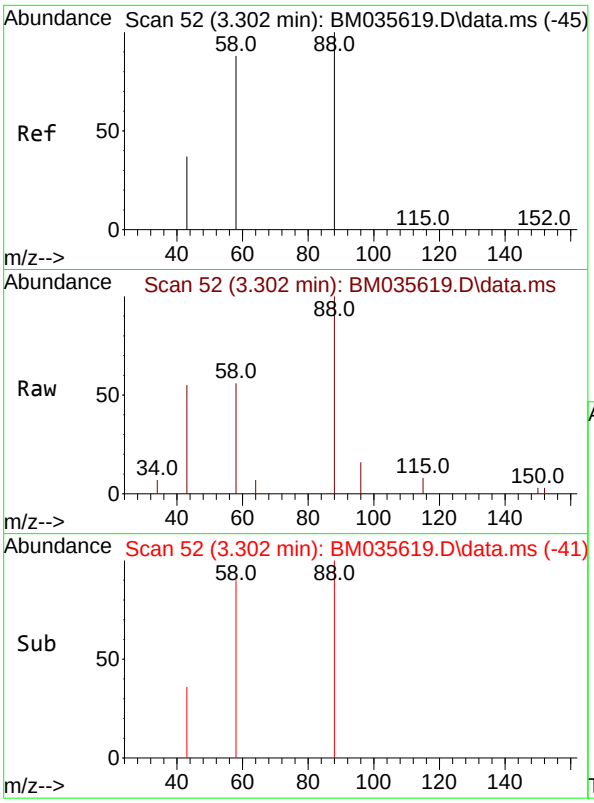
Quant Time: Jun 24 01:35:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration



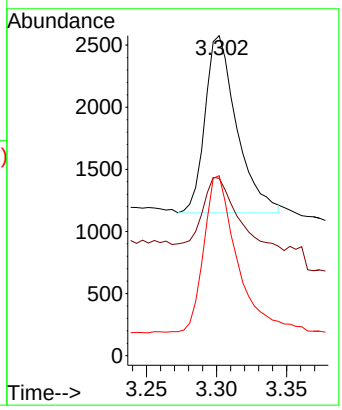


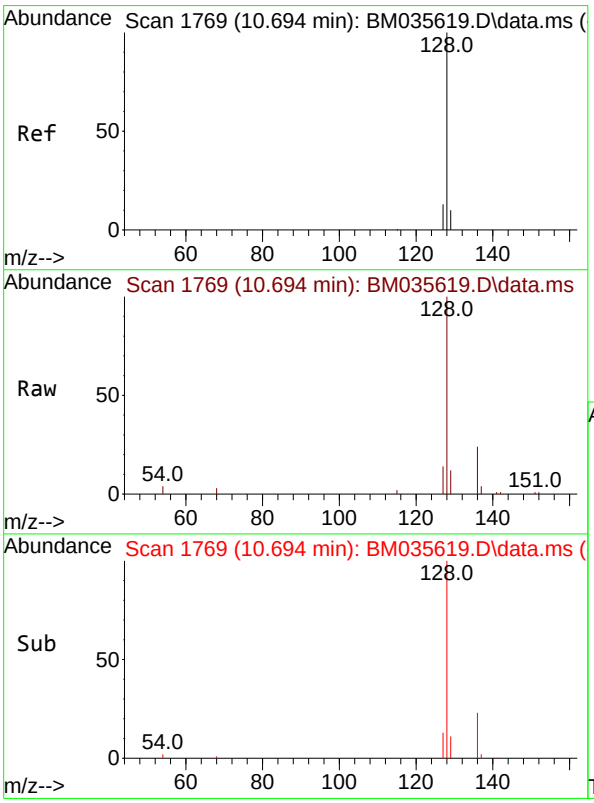
#2
1,4-Dioxane
Concen: 0.401 ng/ul
RT: 3.302 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 2246

Ion	Ratio	Lower	Upper
88	100		
43	55.4	70.4	105.6#
58	56.3	45.6	68.4

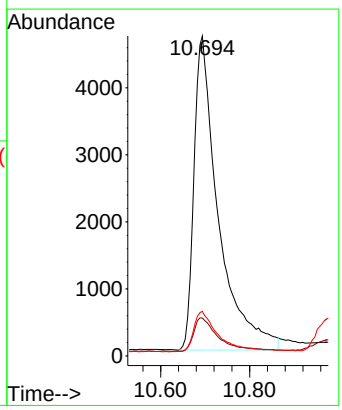


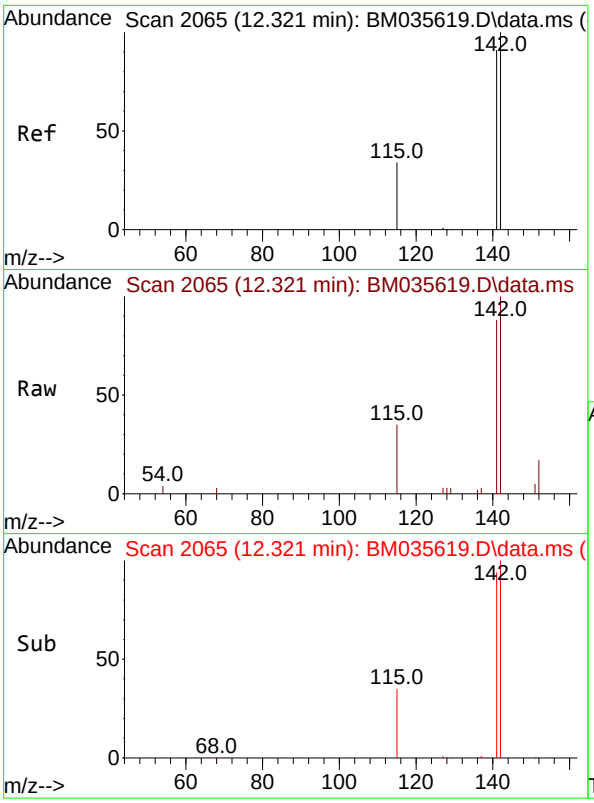


#5
Naphthalene
Concen: 0.326 ng/ul
RT: 10.694 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Tgt Ion:128 Resp: 17805

Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.1	15.1
127	14.0	11.4	17.2



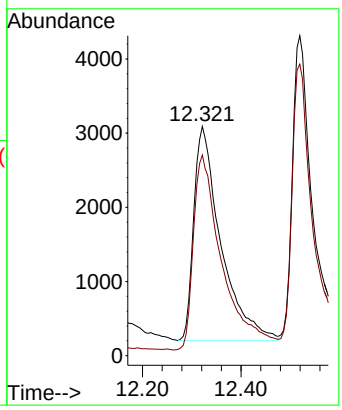


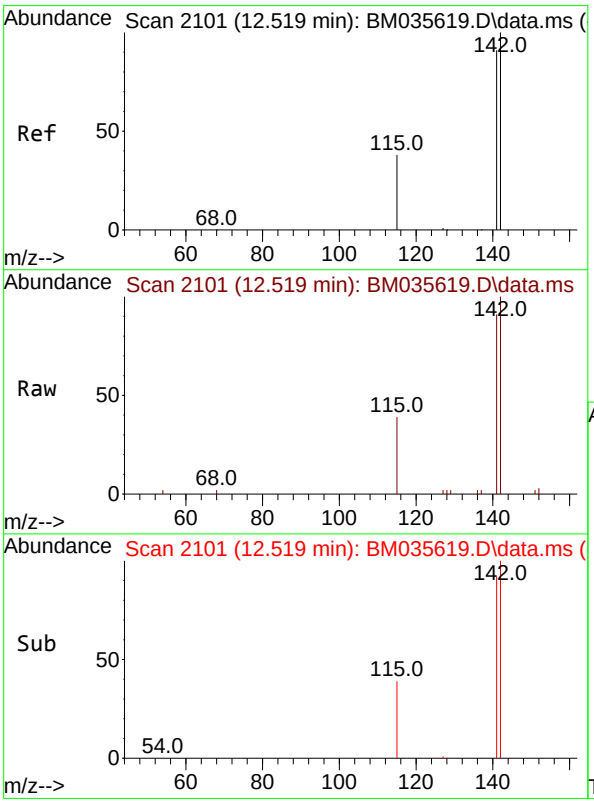
#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.321 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 10996

Ion	Ratio	Lower	Upper
142	100		
141	97.3	73.8	110.8

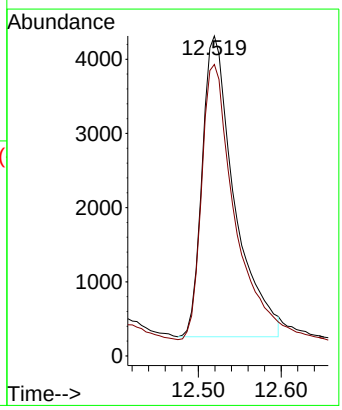


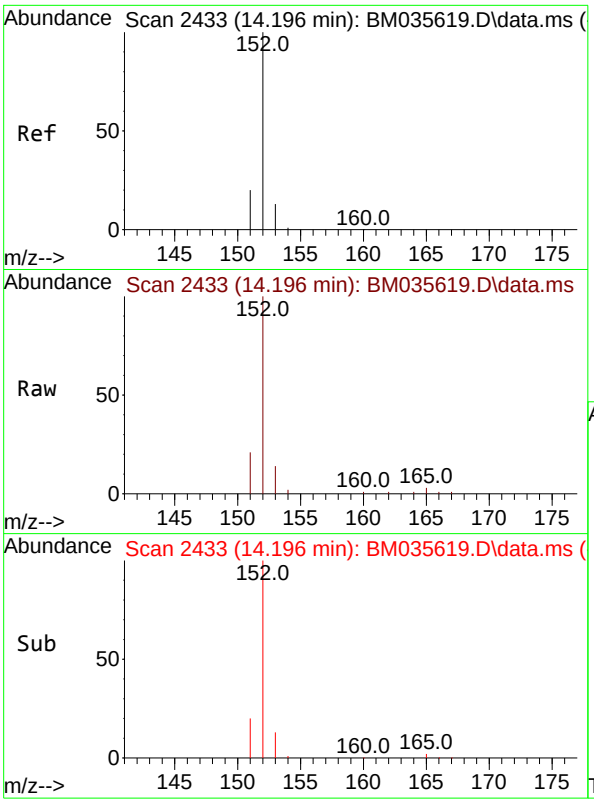


#8
1-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Tgt Ion:142 Resp: 10964

Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.6	111.8



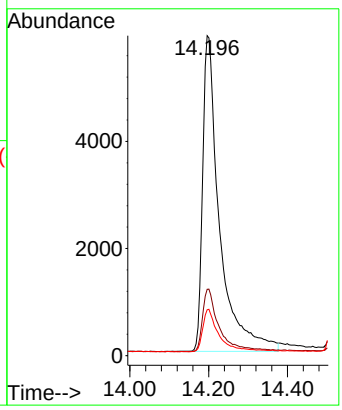


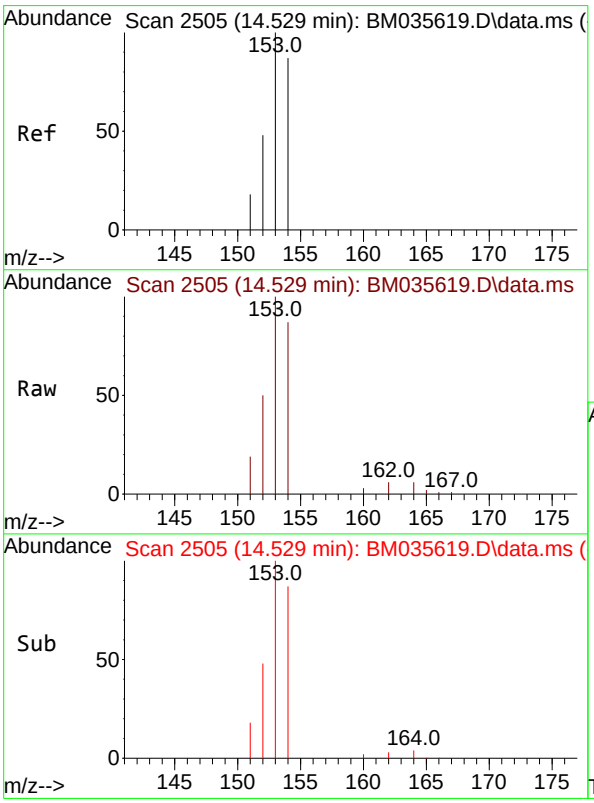
#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 14.196 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 17618

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	14.3	11.1	16.7

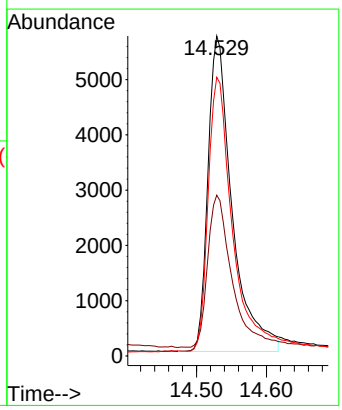


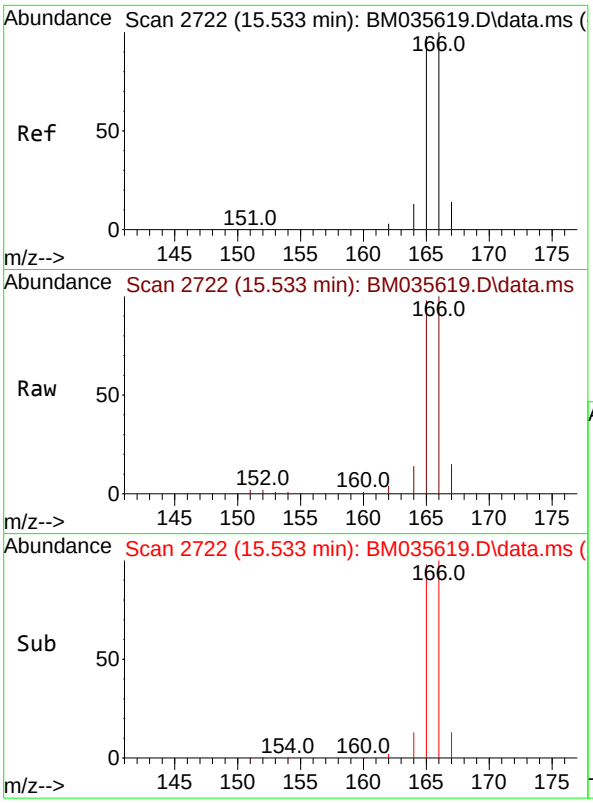


#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Tgt Ion:153 Resp: 13720

Ion	Ratio	Lower	Upper
153	100		
152	50.2	40.0	60.0
154	87.1	69.1	103.7



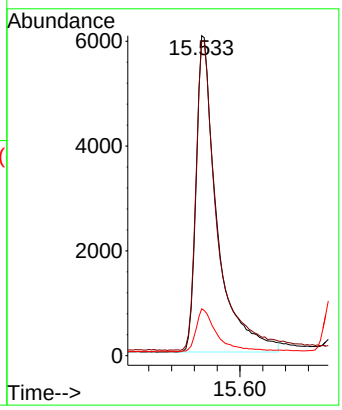


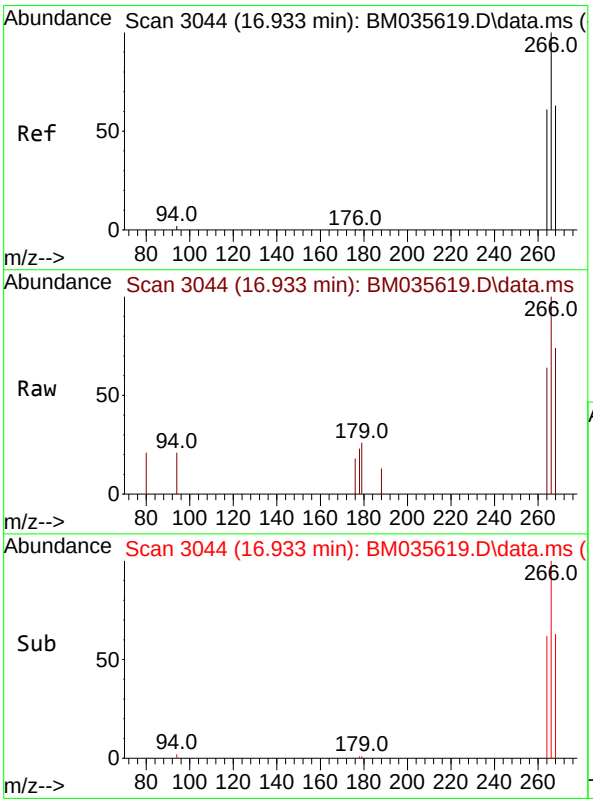
#12
Fluorene
Concen: 0.377 ng/ul
RT: 15.533 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 15346

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.7	118.1
167	14.7	11.6	17.4

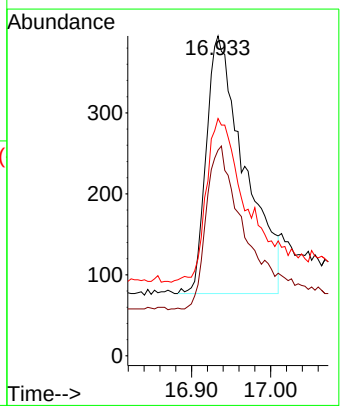


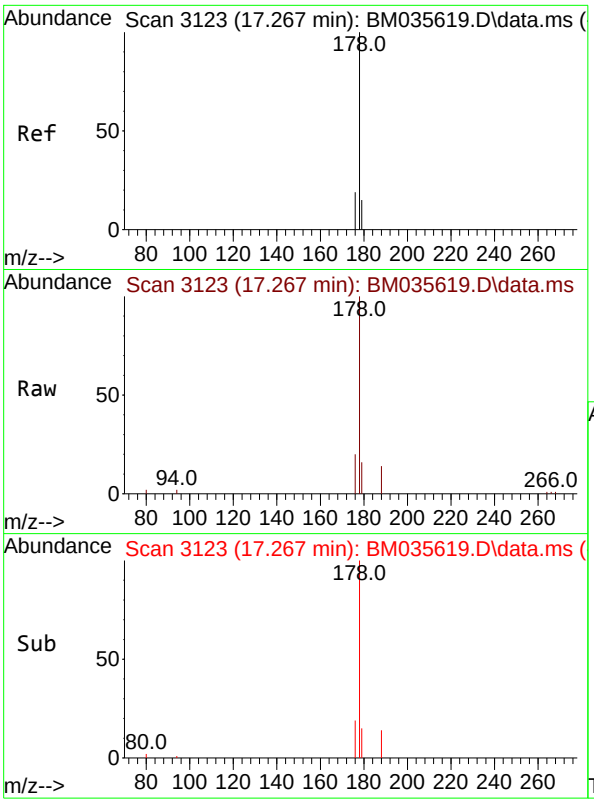


#14
Pentachlorophenol
Concen: 0.306 ng/ul
RT: 16.933 min Scan# 3044
Delta R.T. 0.003 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Tgt Ion:266 Resp: 1069

Ion	Ratio	Lower	Upper
266	100		
264	61.5	51.0	76.4
268	62.1	51.7	77.5



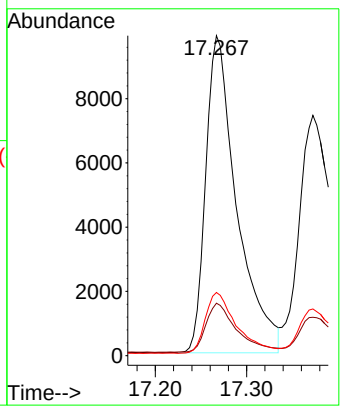


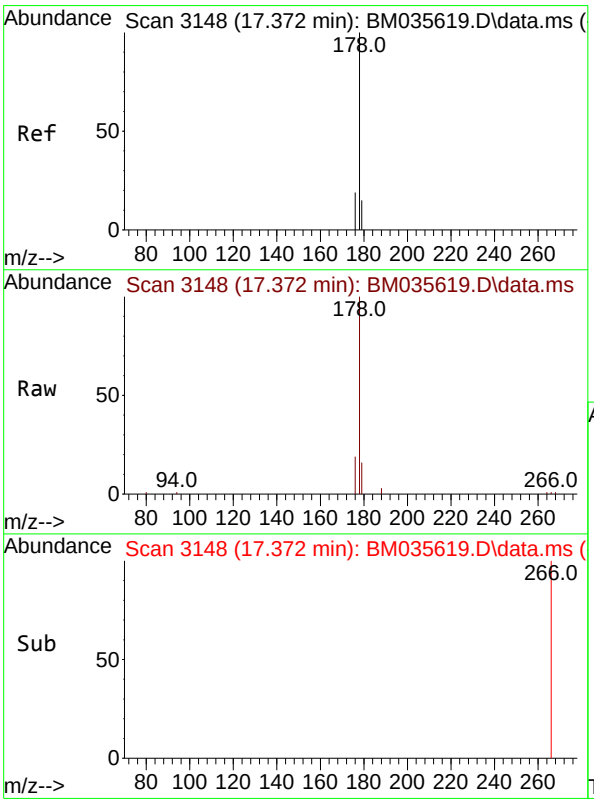
#15
Phenanthrene
Concen: 0.350 ng/ul
RT: 17.267 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 23345

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.2	19.8
176	19.8	16.2	24.4

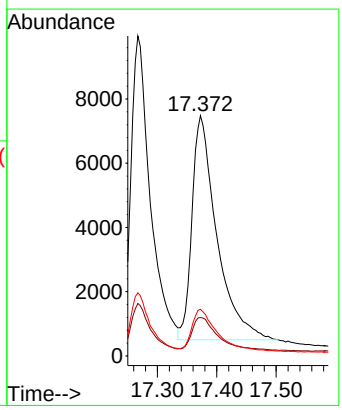


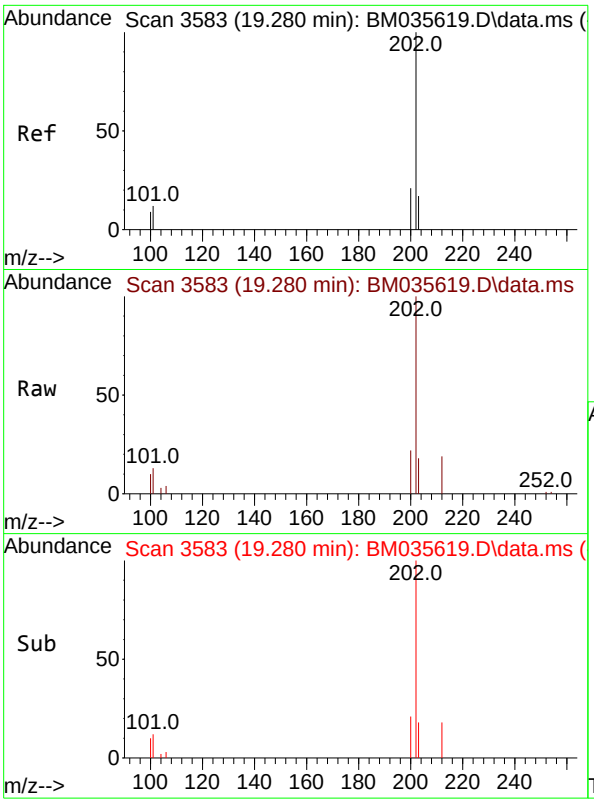


#16
Anthracene
Concen: 0.347 ng/ul
RT: 17.372 min Scan# 3148
Delta R.T. -0.001 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Tgt Ion:178 Resp: 20266

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.4	20.0
176	19.4	15.9	23.9



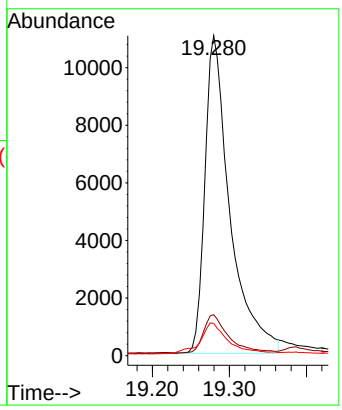


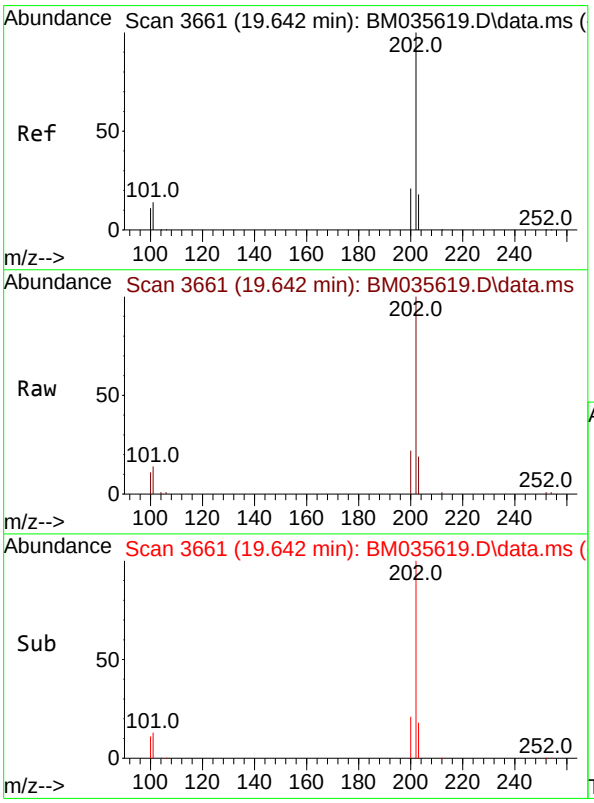
#19
Fluoranthene
Concen: 0.398 ng/ul
RT: 19.280 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 24955

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.0	15.0
100	10.1	7.5	11.3

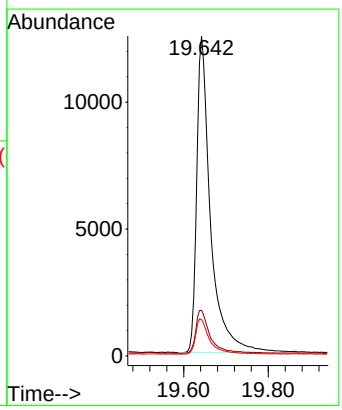


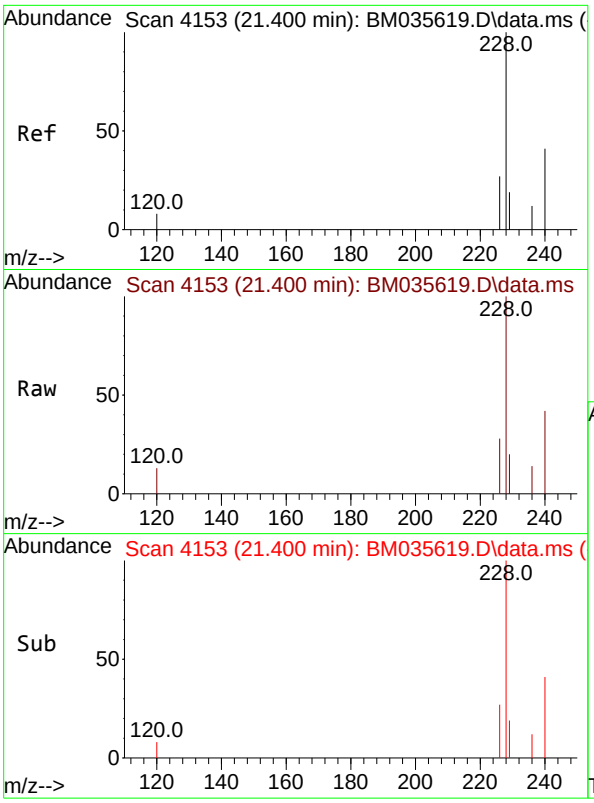


#20
Pyrene
Concen: 0.432 ng/ul
RT: 19.642 min Scan# 3661
Delta R.T. -0.006 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Tgt Ion:202 Resp: 28358

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.6	17.4
100	11.4	9.3	13.9



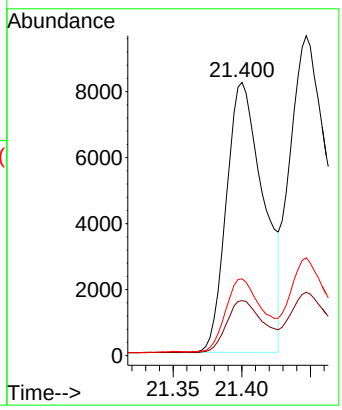


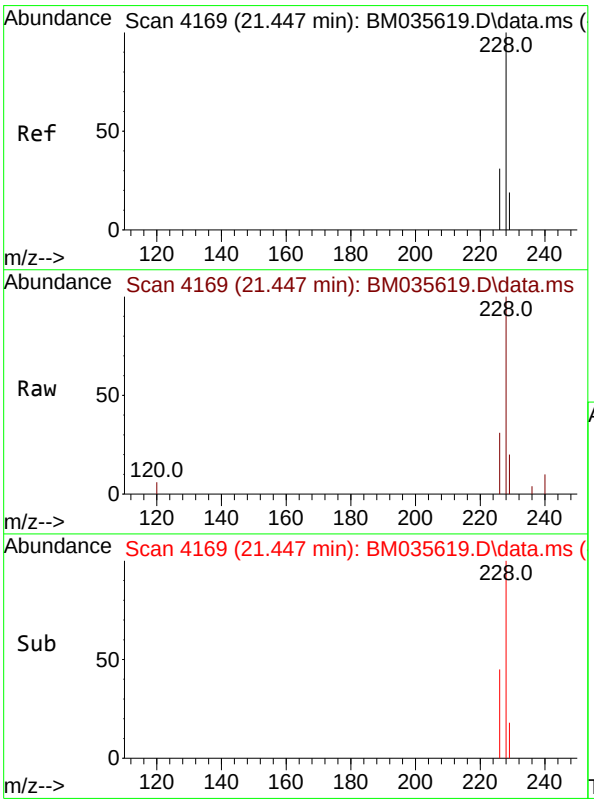
#21
Benzo(a)anthracene
Concen: 0.333 ng/ul
RT: 21.400 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 15411

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.2	24.2
226	28.1	22.3	33.5

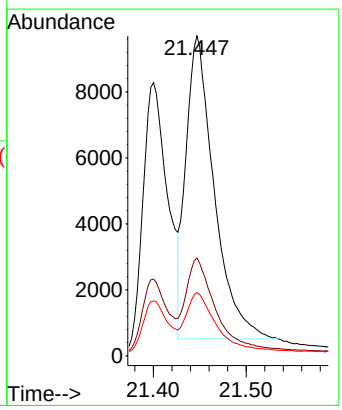


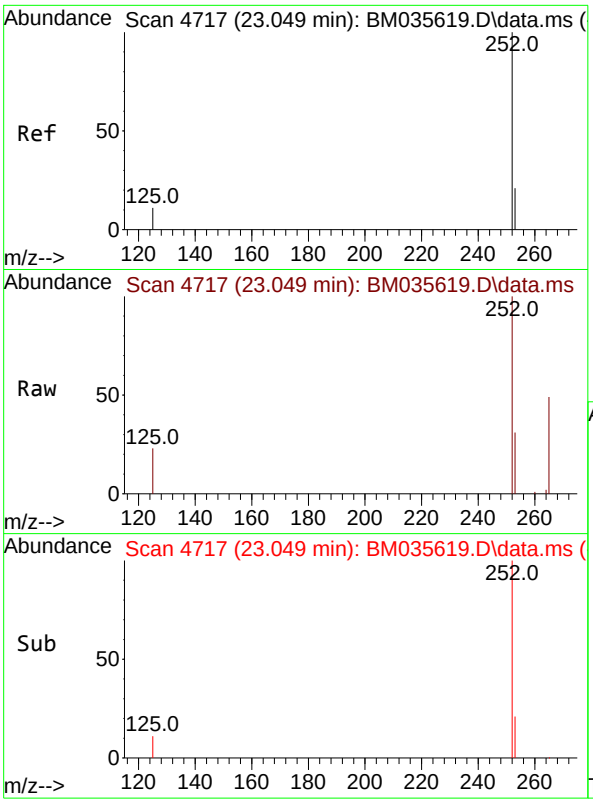


#22
Chrysene
Concen: 0.351 ng/ul
RT: 21.447 min Scan# 4169
Delta R.T. -0.002 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Tgt Ion:228 Resp: 19380

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	19.8	15.8	23.8



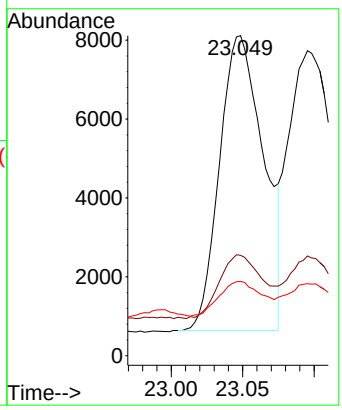


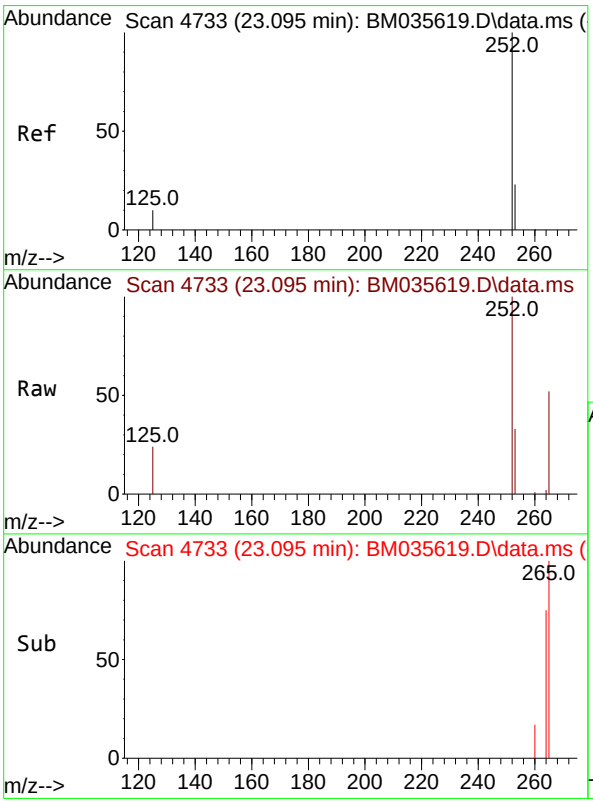
#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 23.049 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 16057

Ion	Ratio	Lower	Upper
252	100		
253	31.3	0.0	60.6
125	23.2	0.0	44.8

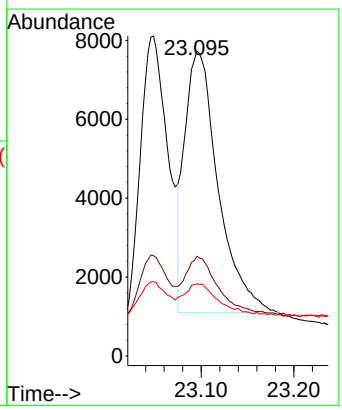


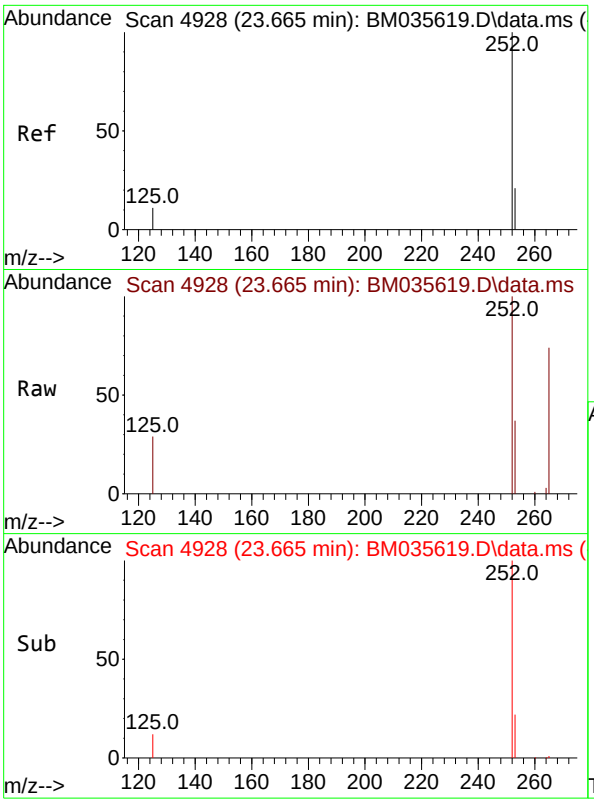


#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 23.095 min Scan# 4733
Delta R.T. -0.002 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Tgt Ion:252 Resp: 16607

Ion	Ratio	Lower	Upper
252	100		
253	32.7	24.7	37.1
125	23.6	18.2	27.4



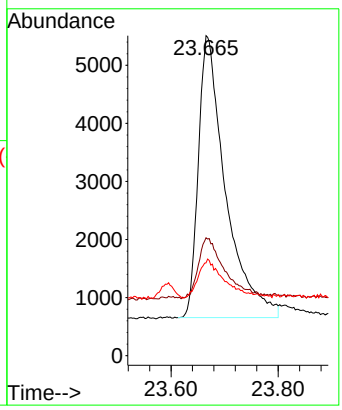


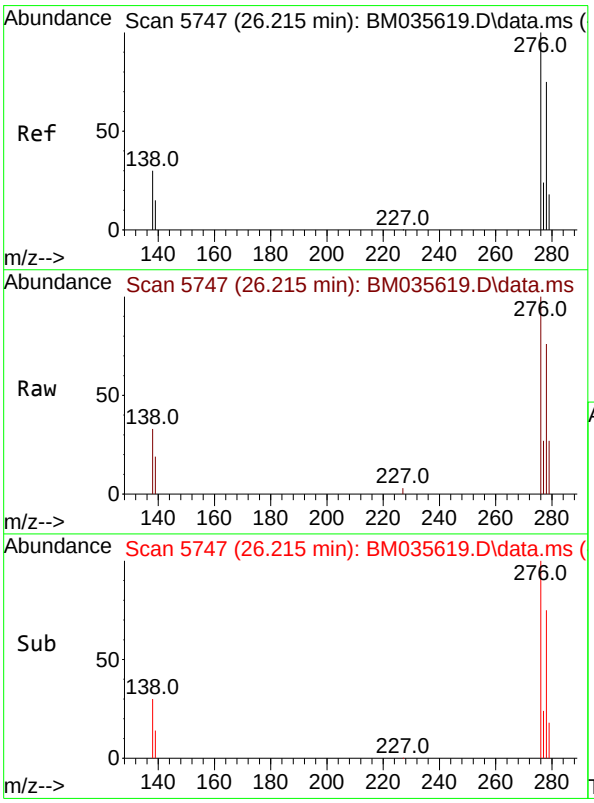
#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.665 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 17095

Ion	Ratio	Lower	Upper
252	100		
253	36.9	27.8	41.6
125	29.0	23.3	34.9

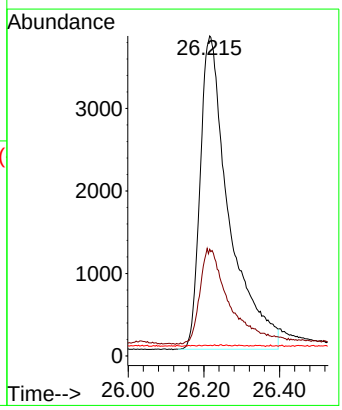


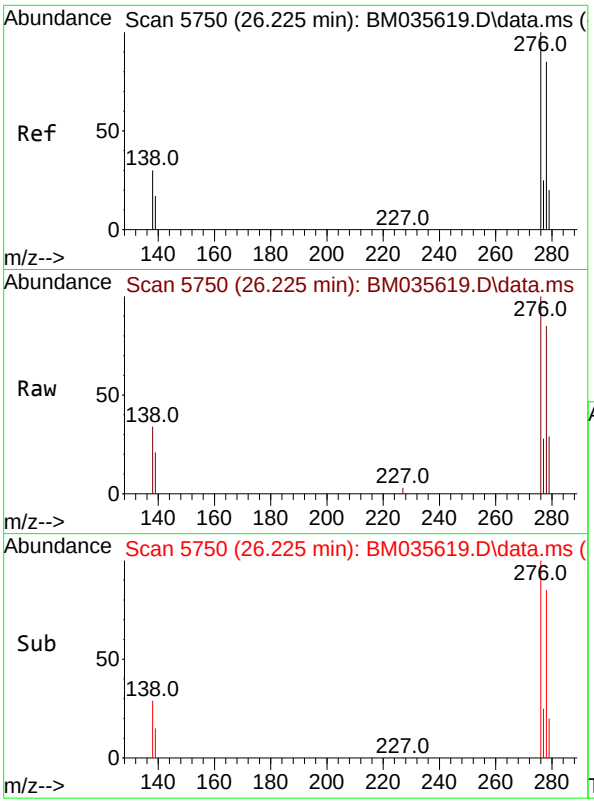


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul
RT: 26.215 min Scan# 5747
Delta R.T. 0.004 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Tgt Ion:276 Resp: 20066

Ion	Ratio	Lower	Upper
276	100		
138	0.0	24.8	37.2#
227	0.1	0.1	0.1#



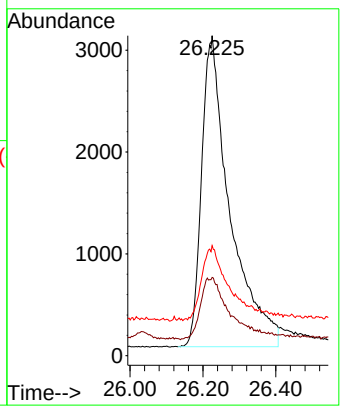


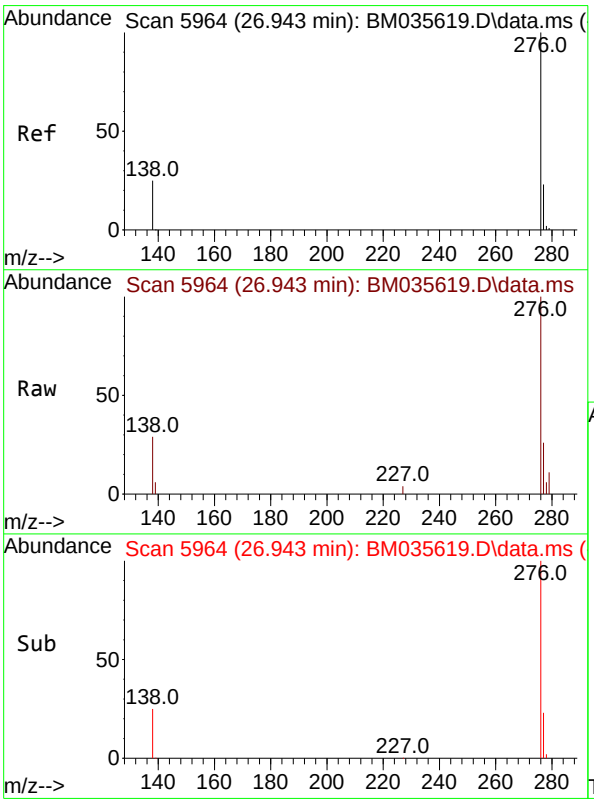
#28
Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 26.225 min Scan# 5
Delta R.T. 0.004 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 16477

Ion	Ratio	Lower	Upper
278	100		
139	24.4	19.1	28.7
279	34.4	26.7	40.1





#29
Benzo(g,h,i)perylene
Concen: 0.368 ng/ul
RT: 26.943 min Scan# 5964
Delta R.T. -0.003 min
Lab File: BM035619.D
Acq: 23 Jun 2022 11:03

Tgt Ion:276 Resp: 18055

Ion	Ratio	Lower	Upper
276	100		
138	29.3	23.1	34.7
277	26.4	20.3	30.5