Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
Data File : BM036881.D
Acq On : 08 Oct 2022 05:37
Operator : CG/JU
Sample : N4873-07MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXZ54MS

Quant Time: Oct 08 06:15:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 17:02:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	6921	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	25055	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.584	164	14804	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.326	188	31340	0.400	ng/ul	0.00
17) Chrysene-d12	21.491	240	26454	0.400	ng/ul	0.00
23) Perylene-d12	23.891	264	22823	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	1758	0.180	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	12591	0.333	ng/ul	-0.01
18) Fluoranthene-d10	19.345	212	34525	0.436	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.386	88	11874	1.245	ng/ul#	80
5) Naphthalene	10.815	128	22333	0.312	ng/ul	98
7) 2-Methylnaphthalene	12.426	142	14434	0.329	ng/ul	90
8) 1-Methylnaphthalene	12.640	142	15058	0.338	ng/ul	99
10) Acenaphthylene	14.307	152	21878	0.356	ng/ul	98
11) Acenaphthene	14.649	153	16727	0.313	ng/ul	98
12) Fluorene	15.630	166	19950	0.330	ng/ul	100
14) Pentachlorophenol	16.976	266	6496	0.856	ng/ul	98
15) Phenanthrene	17.364	178	35755	0.357	ng/ul	100
16) Anthracene	17.457	178	31708	0.379	ng/ul	99
19) Fluoranthene	19.373	202	43524	0.414	ng/ul	99
20) Pyrene	19.735	202	45139	0.411	ng/ul	98
21) Benzo(a)anthracene	21.474	228	39119	0.409	ng/ul	100
22) Chrysene	21.526	228	39509	0.385	ng/ul	99
24) Benzo(b)fluoranthene	23.157	252	37041	0.363	ng/ul	95
25) Benzo(k)fluoranthene	23.207	252	35700	0.359	ng/ul	95
26) Benzo(a)pyrene	23.783	252	34275	0.414	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.387	276	34464	0.294	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.403	278	28181	0.298	ng/ul#	91
29) Benzo(g,h,i)perylene	27.151	276	29729	0.288	ng/ul	99

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

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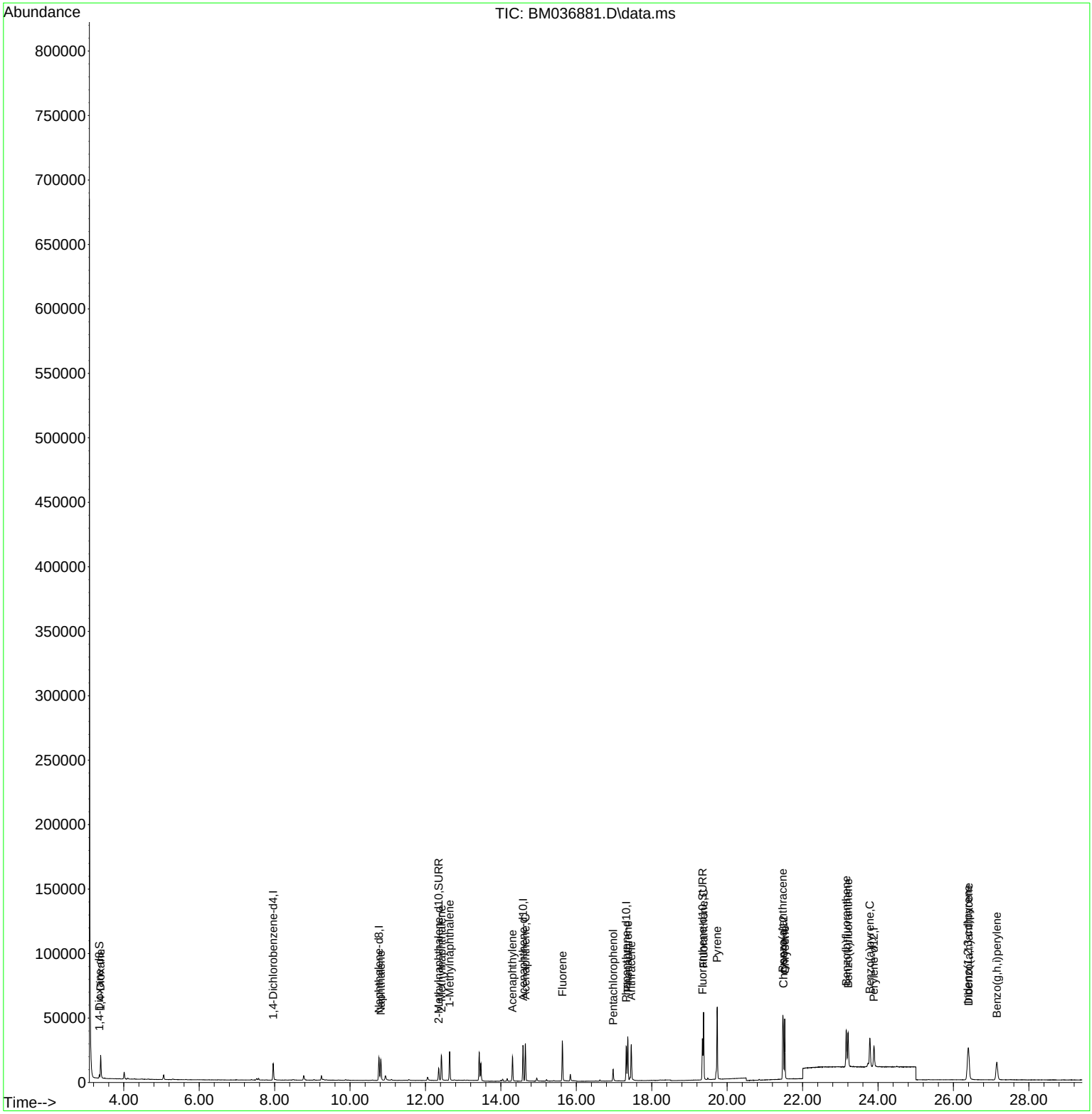
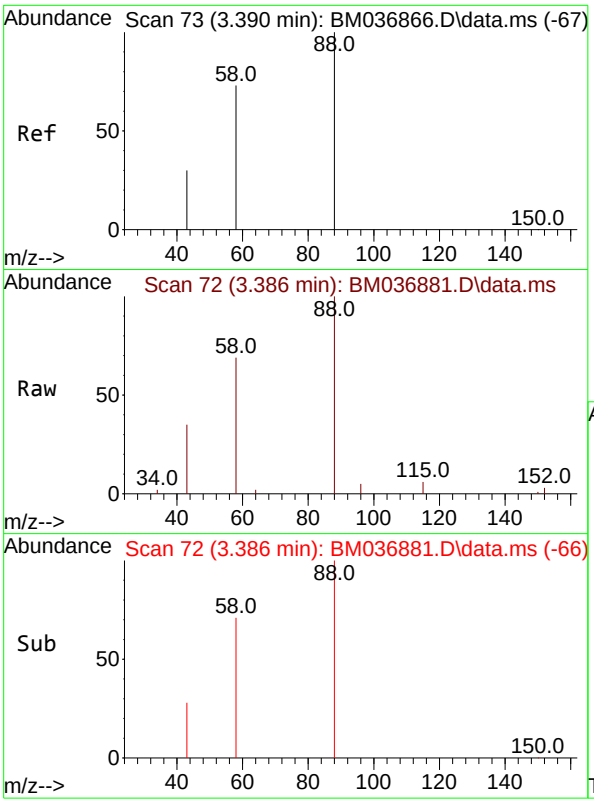


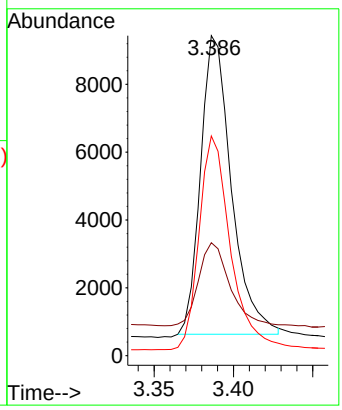


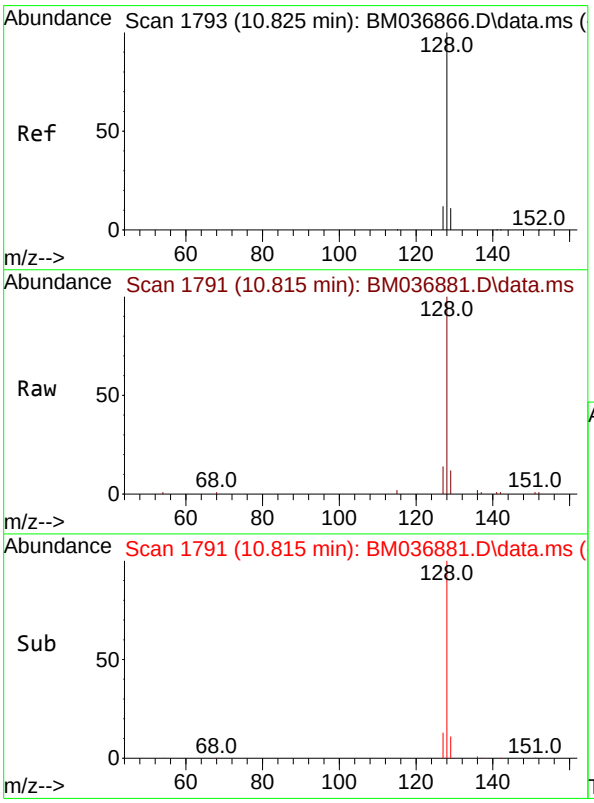
#2
1,4-Dioxane
Concen: 1.245 ng/ul
RT: 3.386 min Scan# 7
Delta R.T. -0.004 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Instrument :
BNA_M
ClientSampleId :
EXZ54MS

Tgt Ion: 88 Resp: 11874

Ion	Ratio	Lower	Upper
88	100		
43	35.3	37.8	56.6#
58	68.7	42.6	63.8#

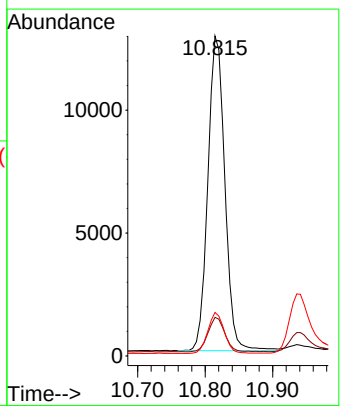


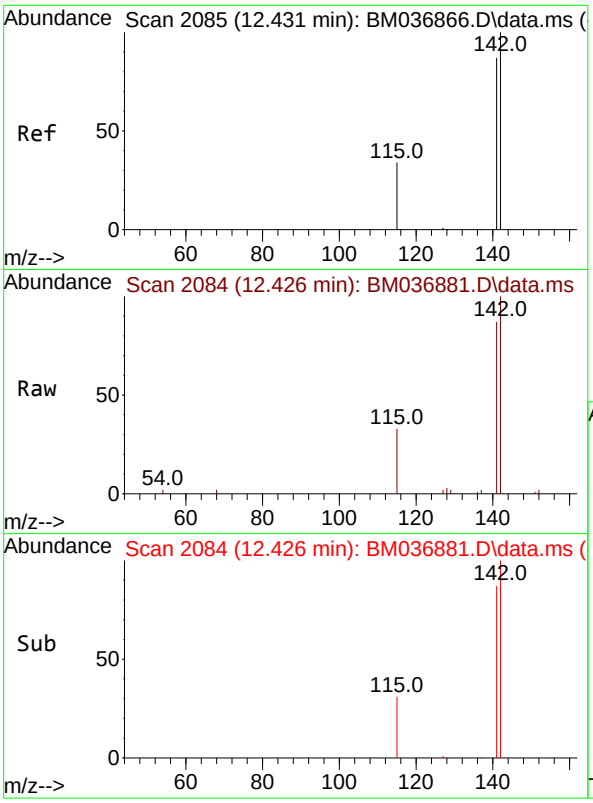


#5
Naphthalene
Concen: 0.312 ng/ul
RT: 10.815 min Scan# 1791
Delta R.T. -0.011 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Tgt Ion:128 Resp: 22333

Ion	Ratio	Lower	Upper
128	100		
129	12.1	10.2	15.2
127	13.6	11.7	17.5



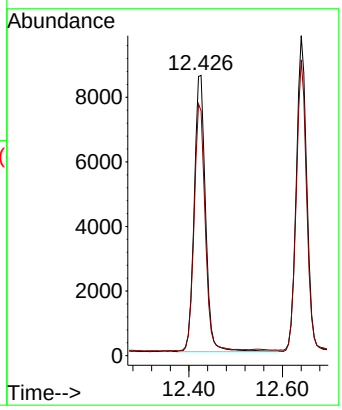


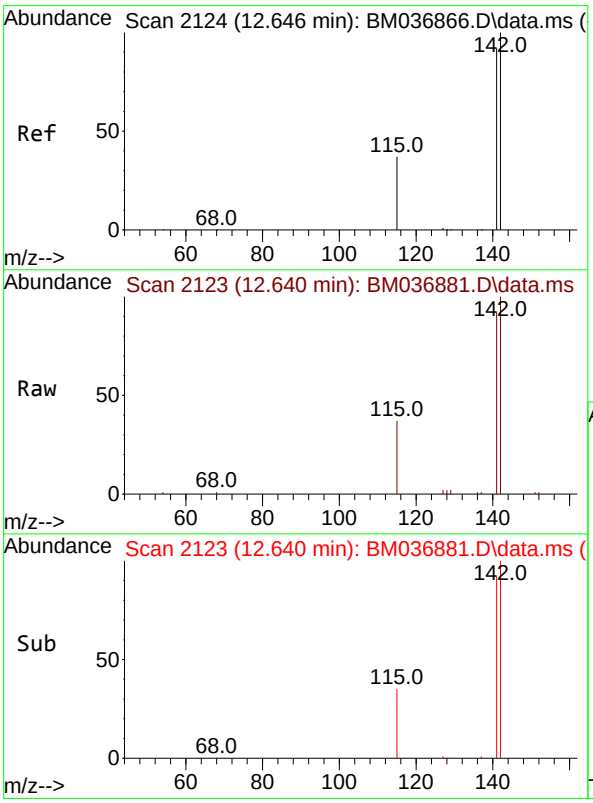
#7
2-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.426 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Instrument :
BNA_M
ClientSampleId :
EXZ54MS

Tgt Ion:142 Resp: 14434

Ion	Ratio	Lower	Upper
142	100		
141	87.2	77.4	116.0

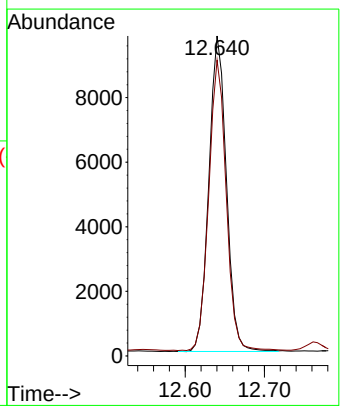


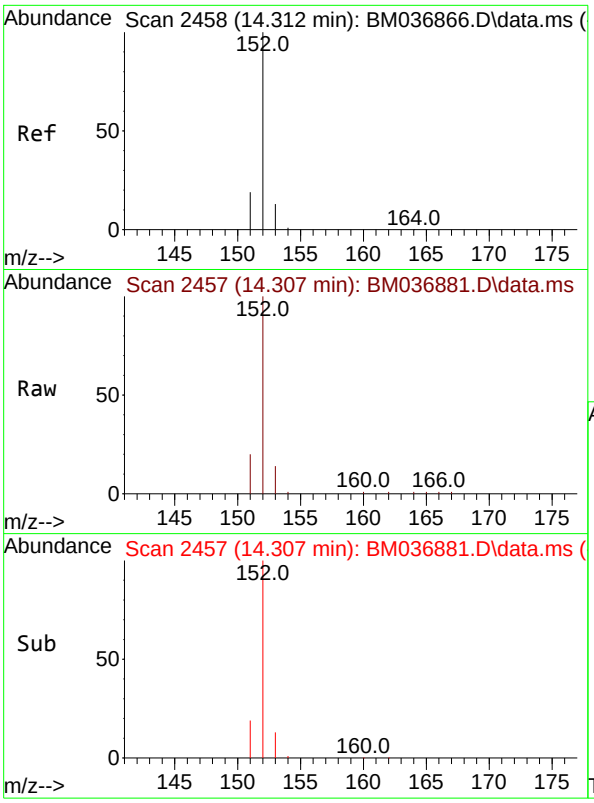


#8
1-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.640 min Scan# 2123
Delta R.T. -0.011 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Tgt Ion:142 Resp: 15058

Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.1	111.1



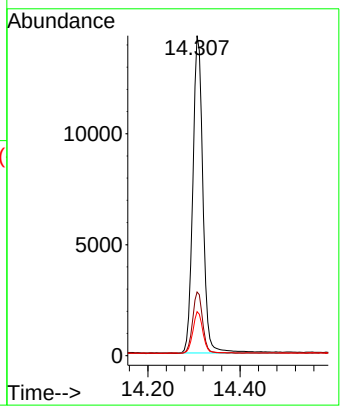


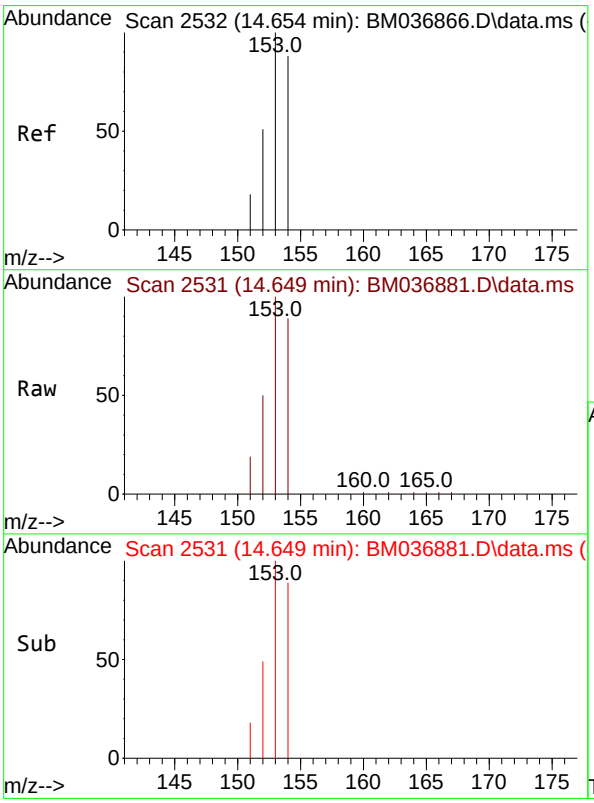
#10
Acenaphthylene
Concen: 0.356 ng/ul
RT: 14.307 min Scan# 24
Delta R.T. -0.010 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Instrument :
BNA_M
ClientSampleId :
EXZ54MS

Tgt Ion:152 Resp: 21878

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.6	24.8
153	13.7	11.4	17.0

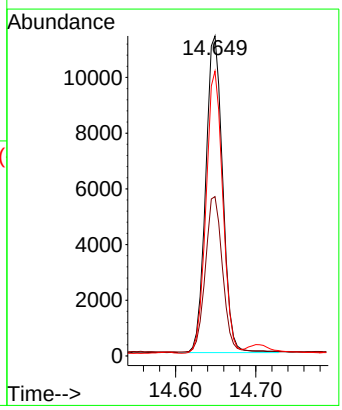


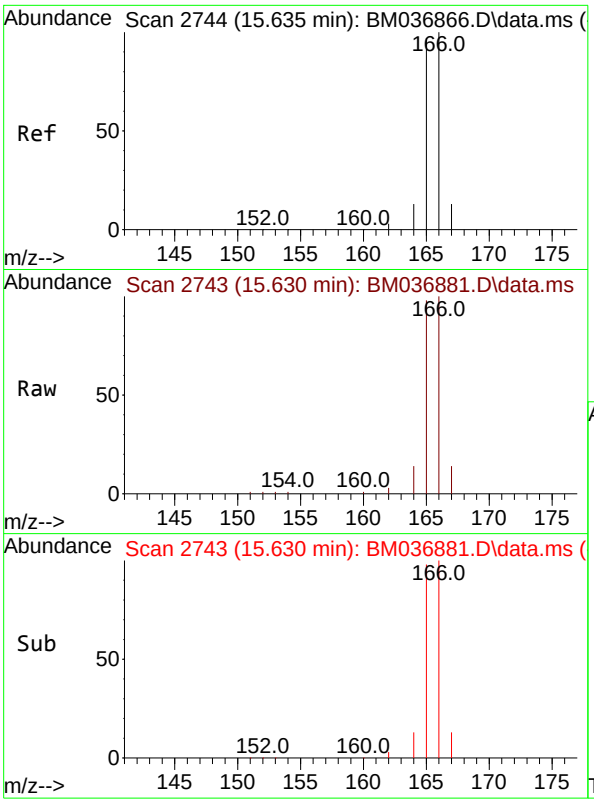


#11
Acenaphthene
Concen: 0.313 ng/ul
RT: 14.649 min Scan# 2531
Delta R.T. -0.005 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Tgt Ion:153 Resp: 16727

Ion	Ratio	Lower	Upper
153	100		
152	49.8	40.2	60.4
154	89.0	69.7	104.5



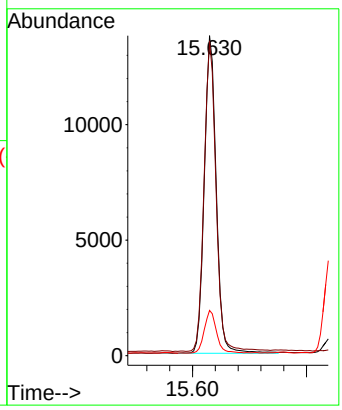


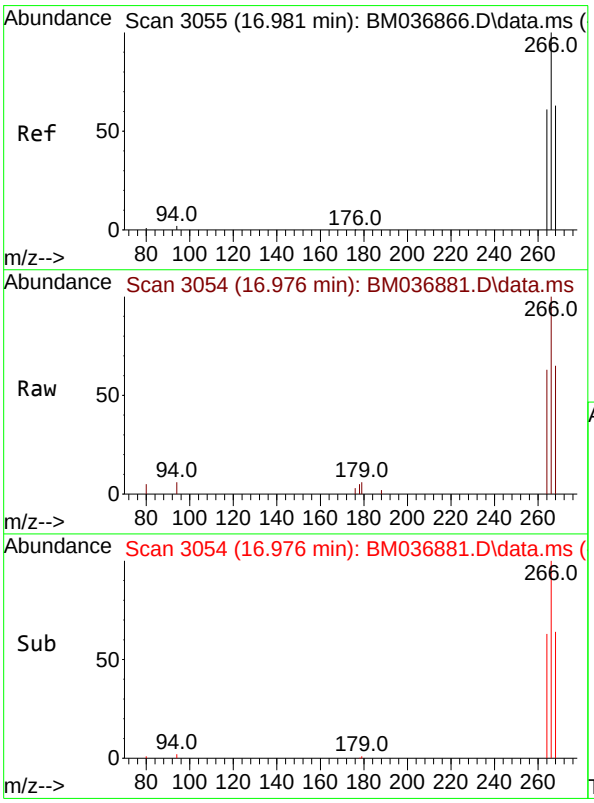
#12
Fluorene
Concen: 0.330 ng/ul
RT: 15.630 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Instrument :
BNA_M
ClientSampleId :
EXZ54MS

Tgt Ion:166 Resp: 19950

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.9	118.3
167	14.2	11.3	16.9

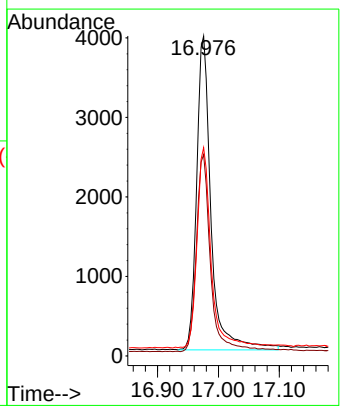


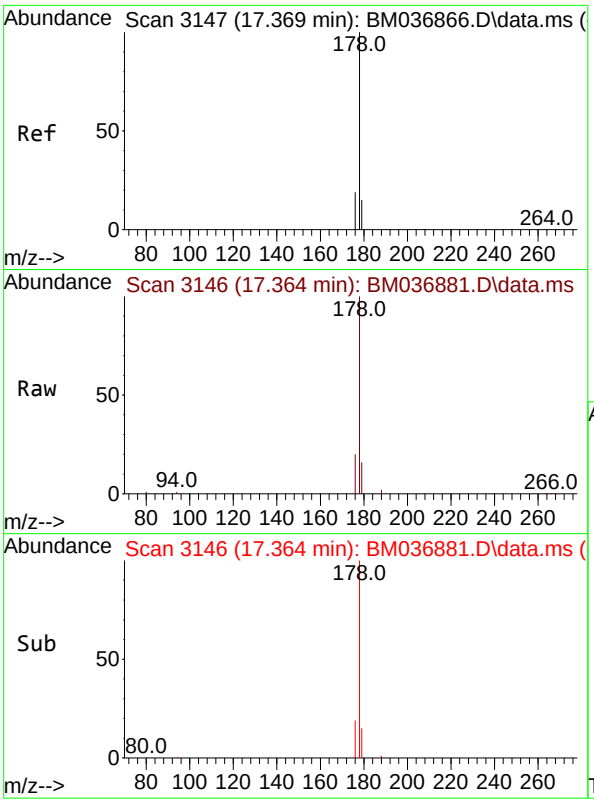


#14
Pentachlorophenol
Concen: 0.856 ng/ul
RT: 16.976 min Scan# 3054
Delta R.T. -0.013 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Tgt Ion:266 Resp: 6496

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.3	75.5
268	64.1	53.5	80.3



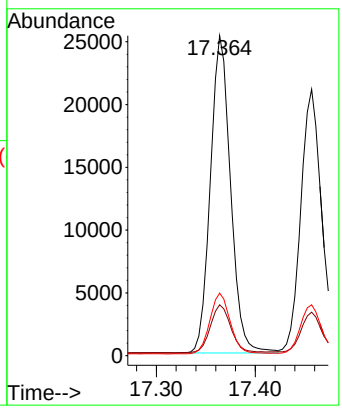


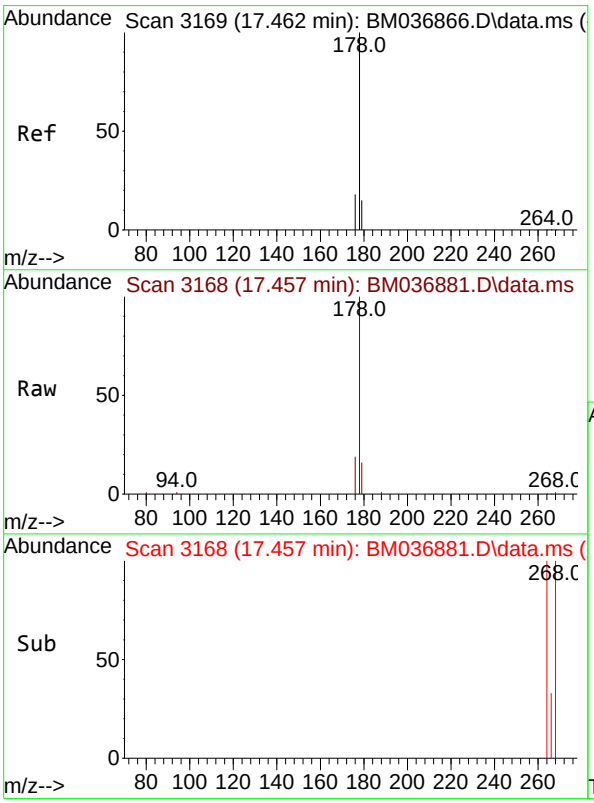
#15
Phenanthrene
Concen: 0.357 ng/ul
RT: 17.364 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Instrument :
BNA_M
ClientSampleId :
EXZ54MS

Tgt Ion:178 Resp: 35755

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	19.6	15.6	23.4

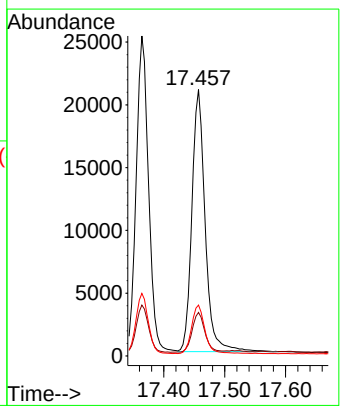


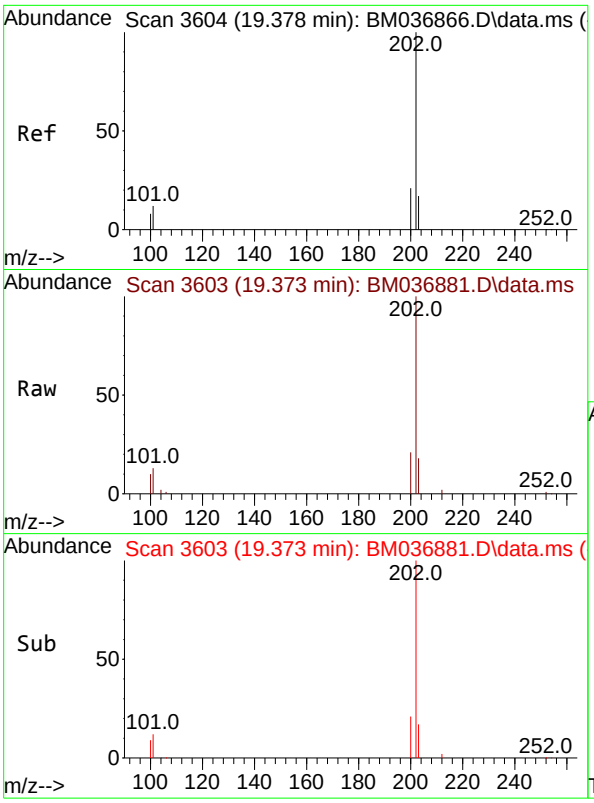


#16
Anthracene
Concen: 0.379 ng/ul
RT: 17.457 min Scan# 3168
Delta R.T. -0.005 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Tgt Ion:178 Resp: 31708

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.6	20.4
176	19.1	15.6	23.4



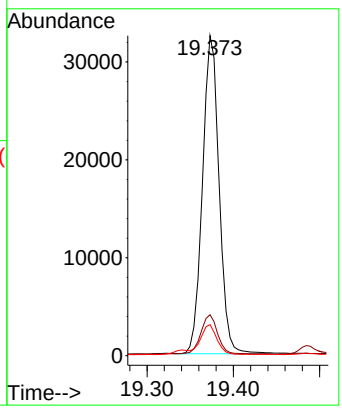


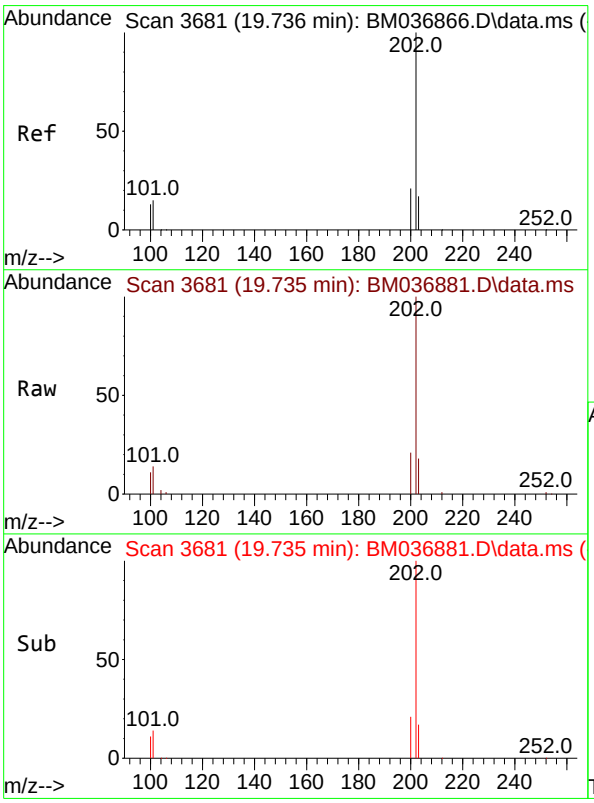
#19
Fluoranthene
Concen: 0.414 ng/ul
RT: 19.373 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Instrument :
BNA_M
ClientSampleId :
EXZ54MS

Tgt Ion:202 Resp: 43524

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.1	15.1
100	9.7	7.9	11.9

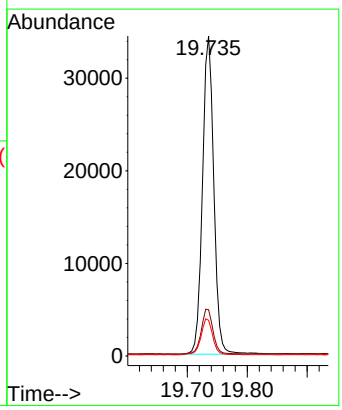


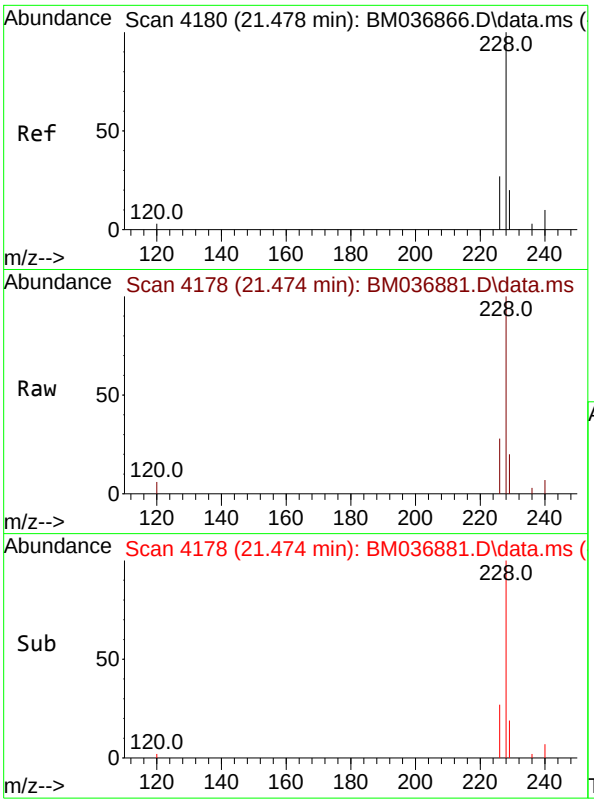


#20
Pyrene
Concen: 0.411 ng/ul
RT: 19.735 min Scan# 3681
Delta R.T. -0.005 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Tgt Ion:202 Resp: 45139

Ion	Ratio	Lower	Upper
202	100		
101	14.4	12.0	18.0
100	11.2	9.8	14.6





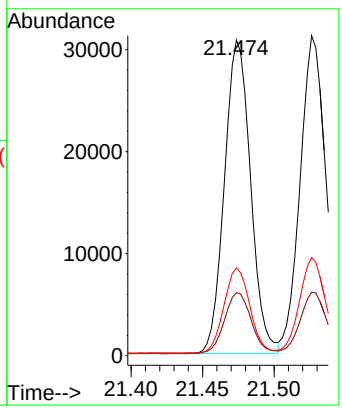
#21
Benzo(a)anthracene
Concen: 0.409 ng/ul
RT: 21.474 min Scan# 4

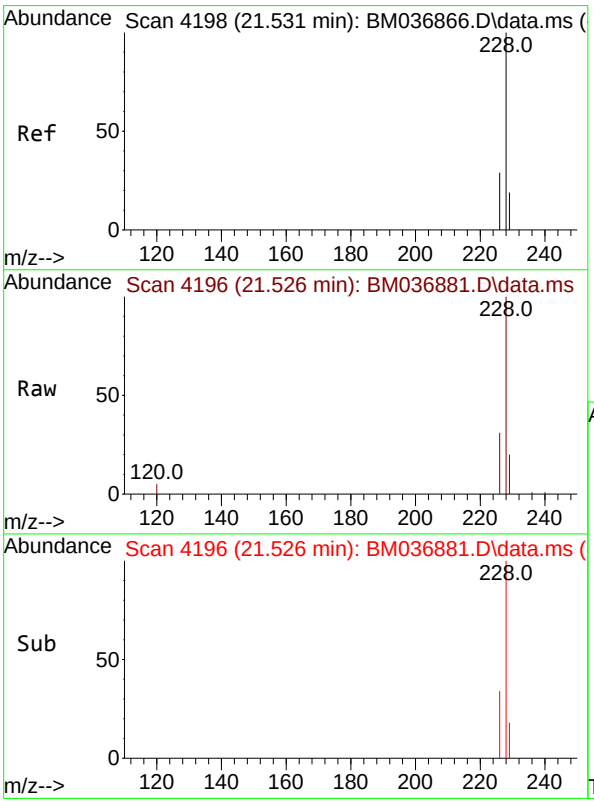
Instrument :
BNA_M
ClientSampleId :
EXZ54MS

Delta R.T. -0.008 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Tgt Ion:228 Resp: 39119

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.2	24.2
226	27.8	22.5	33.7

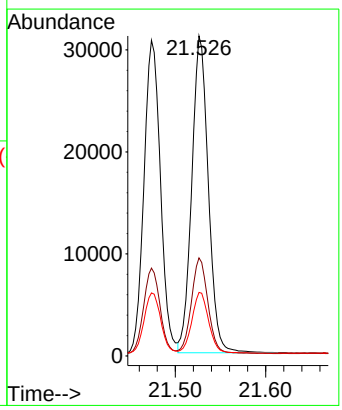


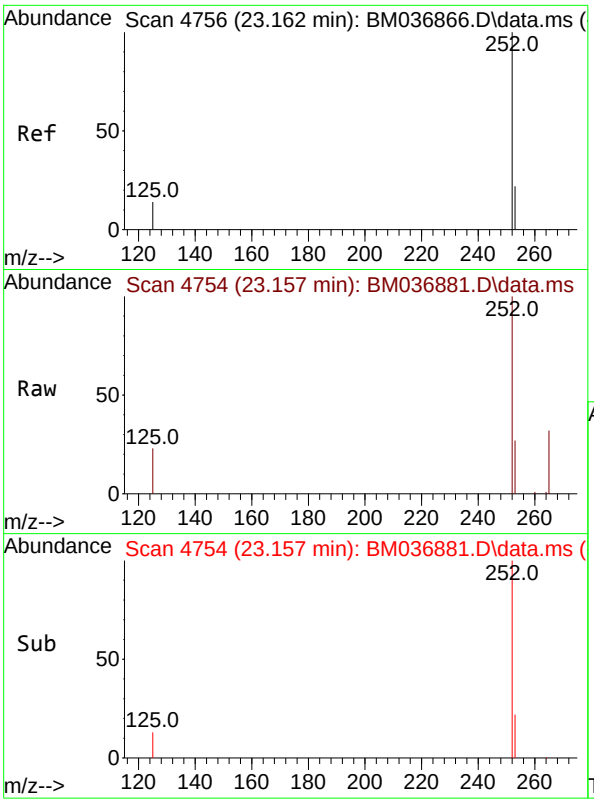


#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.526 min Scan# 4196
Delta R.T. -0.008 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Tgt Ion:228 Resp: 39509

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	19.8	16.4	24.6



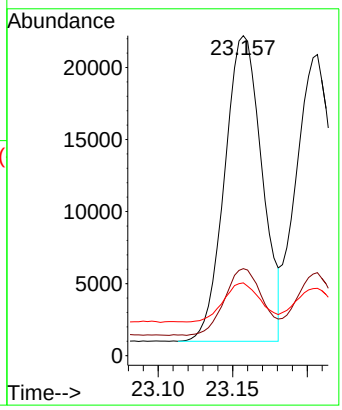


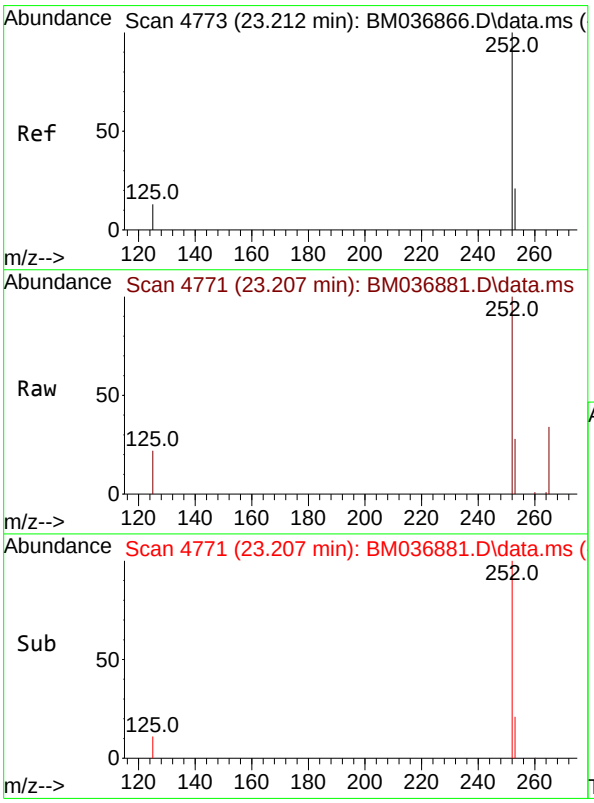
#24
Benzo(b)fluoranthene
Concen: 0.363 ng/ul
RT: 23.157 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Instrument :
BNA_M
ClientSampleId :
EXZ54MS

Tgt Ion:252 Resp: 37041

Ion	Ratio	Lower	Upper
252	100		
253	27.2	0.0	61.4
125	22.7	0.0	42.6

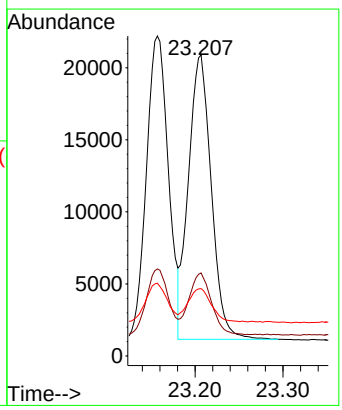


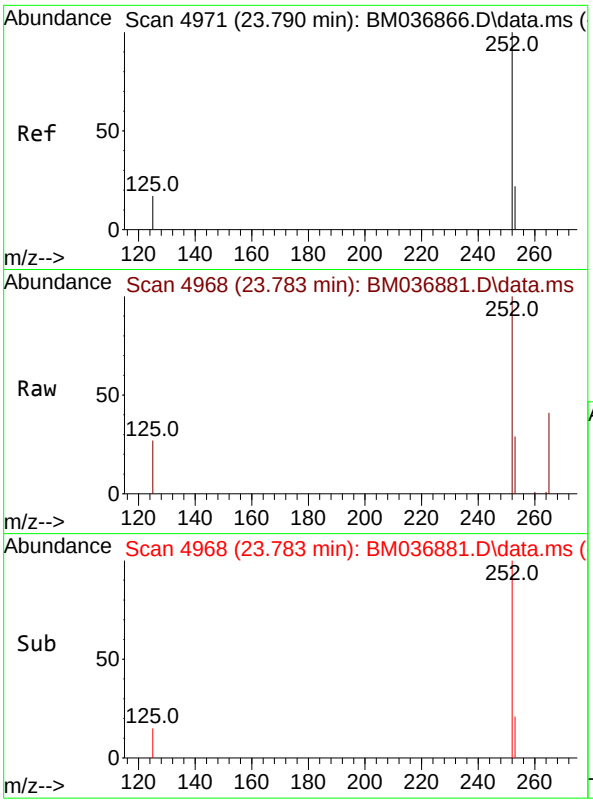


#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 23.207 min Scan# 4771
Delta R.T. -0.011 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Tgt Ion:252 Resp: 35700

Ion	Ratio	Lower	Upper
252	100		
253	27.6	25.2	37.8
125	22.4	18.3	27.5



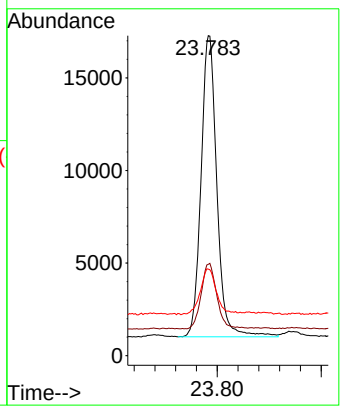


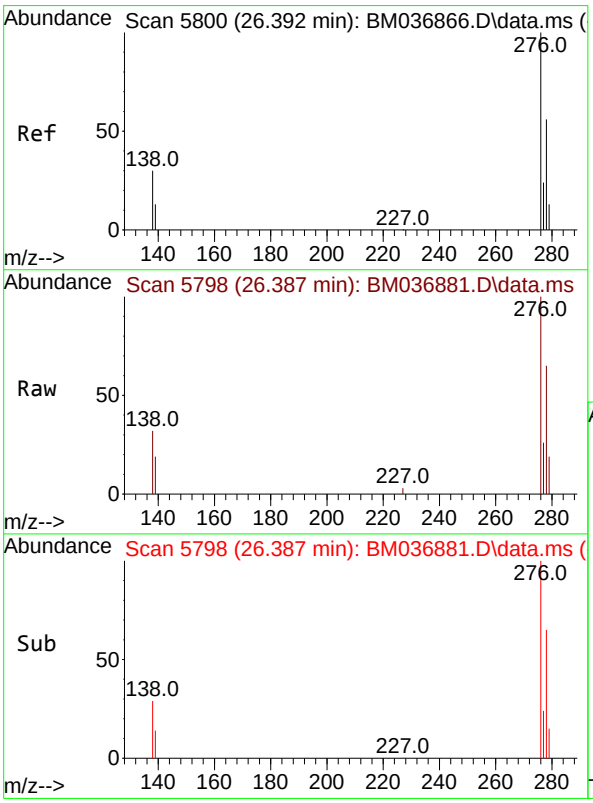
#26
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 23.783 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Instrument :
BNA_M
ClientSampleId :
EXZ54MS

Tgt Ion:252 Resp: 34275

Ion	Ratio	Lower	Upper
252	100		
253	28.6	29.7	44.5#
125	27.1	23.6	35.4

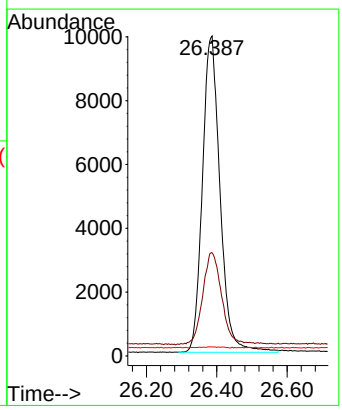


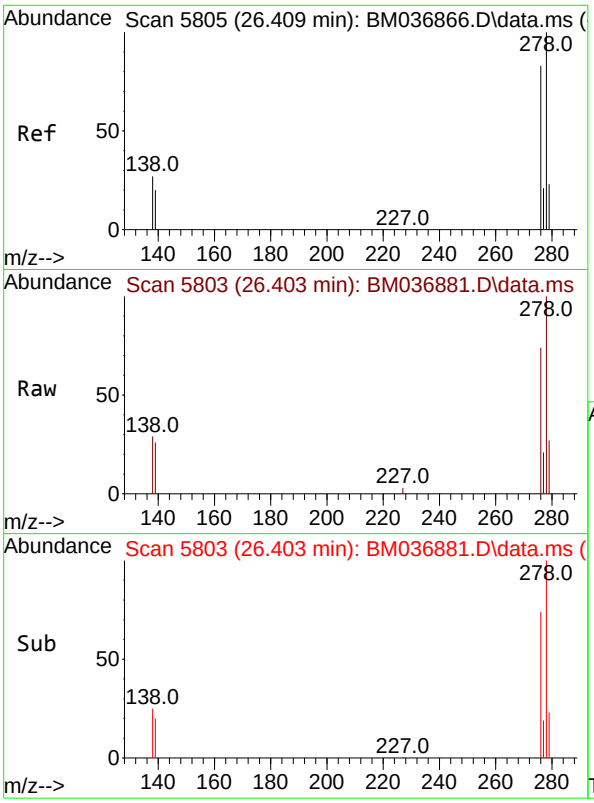


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.294 ng/ul
RT: 26.387 min Scan# 5798
Delta R.T. -0.013 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Tgt Ion:276 Resp: 34464

Ion	Ratio	Lower	Upper
276	100		
138	31.7	23.9	35.9
227	0.1	0.1	0.1#



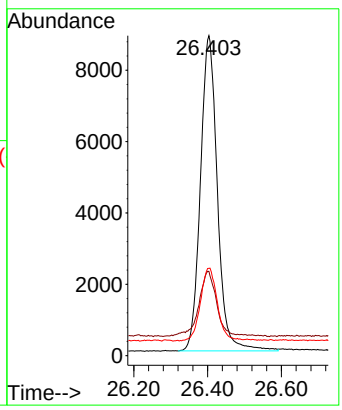


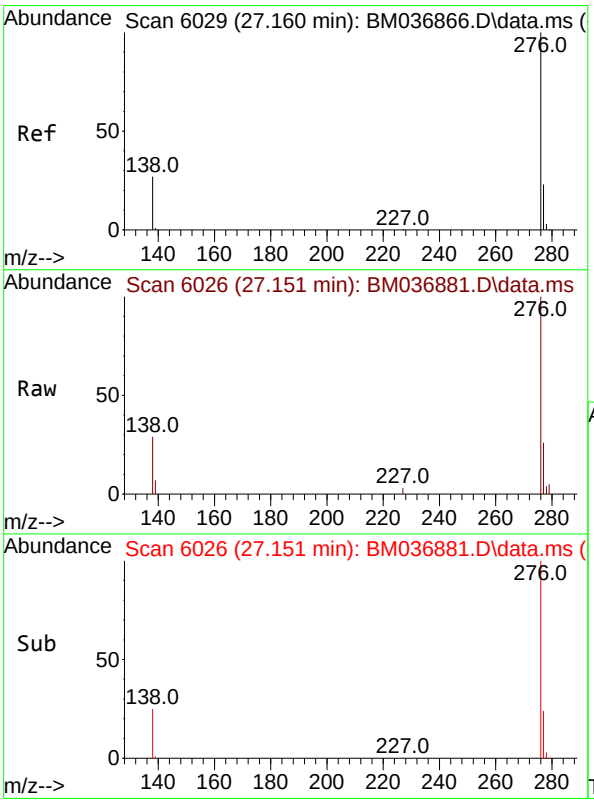
#28
Dibenzo(a,h)anthracene
Concen: 0.298 ng/ul
RT: 26.403 min Scan# 5
Delta R.T. -0.016 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Instrument :
BNA_M
ClientSampleId :
EXZ54MS

Tgt Ion:278 Resp: 28181

Ion	Ratio	Lower	Upper
278	100		
139	26.3	19.8	29.6
279	27.3	27.7	41.5#





#29
Benzo(g,h,i)perylene
Concen: 0.288 ng/ul
RT: 27.151 min Scan# 6026
Delta R.T. -0.012 min
Lab File: BM036881.D
Acq: 08 Oct 2022 05:37

Tgt Ion:276 Resp: 29729

Ion	Ratio	Lower	Upper
276	100		
138	29.3	23.4	35.0
277	25.5	21.0	31.4