Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
Data File : BM038585.D
Acq On : 27 Jan 2023 14:25
Operator : CG/JU
Sample : 01226-10MSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EX9G4MSD

Quant Time: Jan 27 21:59:54 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 00:18:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	1291	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	3769	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	2248	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	4903	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.512	240	5260	0.400	ng/ul	# 0.00
23) Perylene-d12	23.921	264	5894	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	245	0.145	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	1337	0.229	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	4143	0.276	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	982	0.571	ng/ul#	25
5) Naphthalene	10.823	128	2523	0.206	ng/ul	98
7) 2-Methylnaphthalene	12.429	142	1620	0.250	ng/ul	95
8) 1-Methylnaphthalene	12.649	142	1723	0.258	ng/ul	100
10) Acenaphthylene	14.319	152	2847	0.287	ng/ul	93
11) Acenaphthene	14.657	153	2011	0.266	ng/ul	98
12) Fluorene	15.642	166	2491	0.264	ng/ul#	96
14) Pentachlorophenol	16.991	266	1182	0.592	ng/ul	99
15) Phenanthrene	17.379	178	4331	0.273	ng/ul#	94
16) Anthracene	17.472	178	4509	0.334	ng/ul	94
19) Fluoranthene	19.389	202	5815	0.310	ng/ul#	91
20) Pyrene	19.757	202	6311	0.313	ng/ul#	96
21) Benzo(a)anthracene	21.498	228	5877	0.314	ng/ul	93
22) Chrysene	21.550	228	5813	0.310	ng/ul	93
24) Benzo(b)fluoranthene	23.184	252	6643	0.299	ng/ul	88
25) Benzo(k)fluoranthene	23.234	252	6446	0.299	ng/ul#	88
26) Benzo(a)pyrene	23.816	252	5685	0.285	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.428	276	8084	0.288	ng/ul#	65
28) Dibenzo(a,h)anthracene	26.444	278	6577	0.295	ng/ul#	91
29) Benzo(g,h,i)perylene	27.202	276	6936	0.285	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
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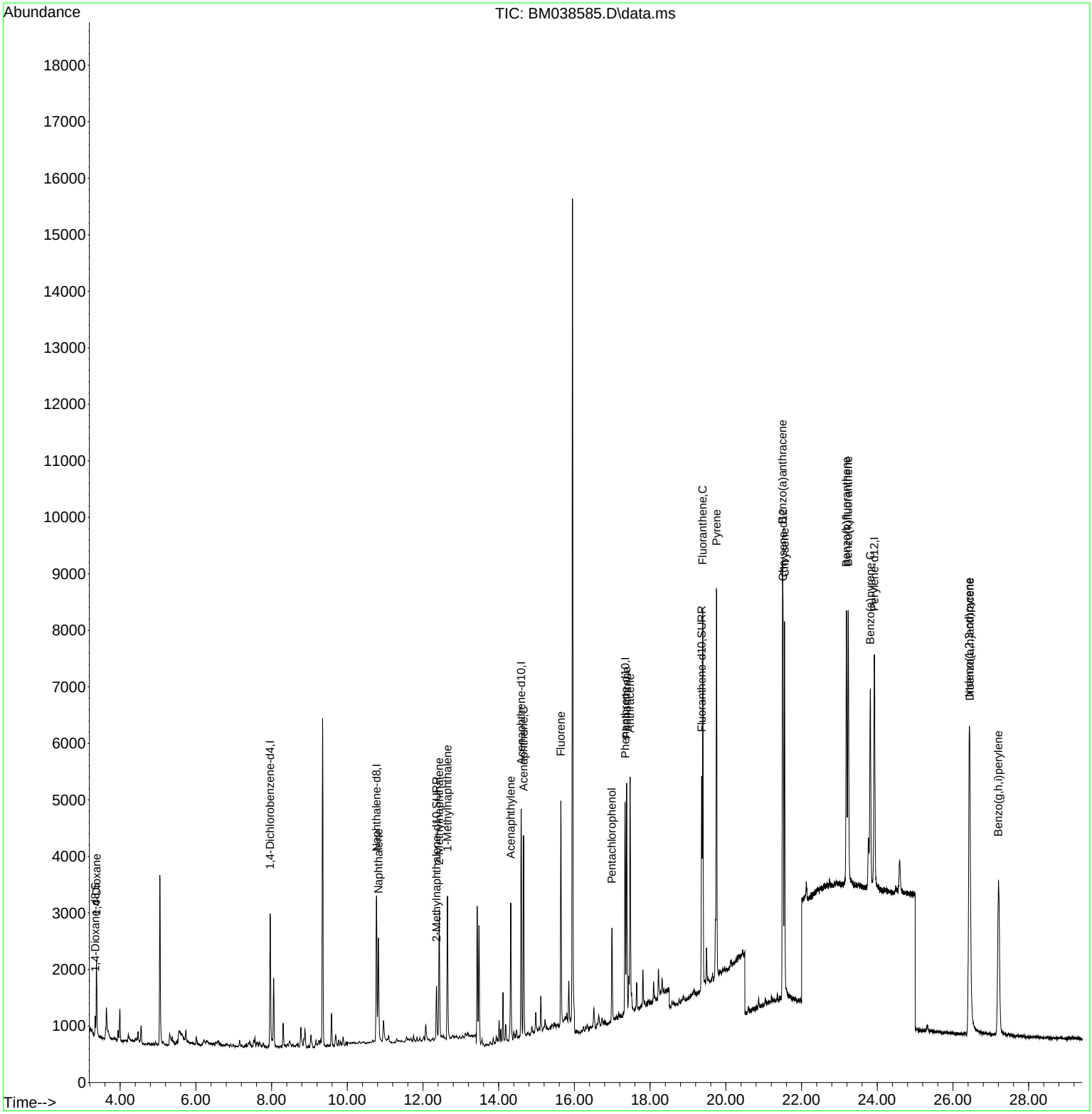
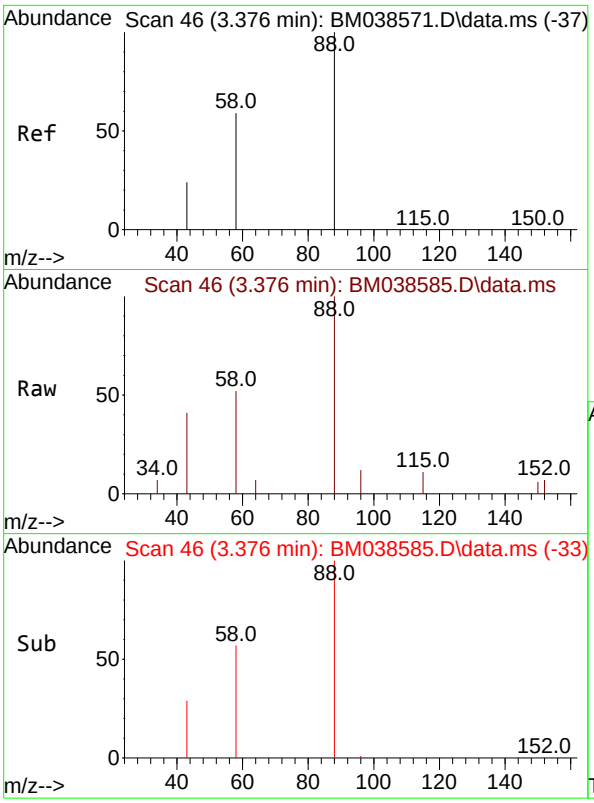


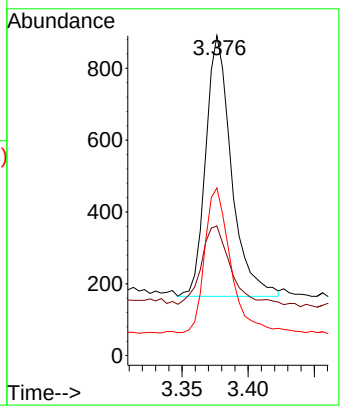


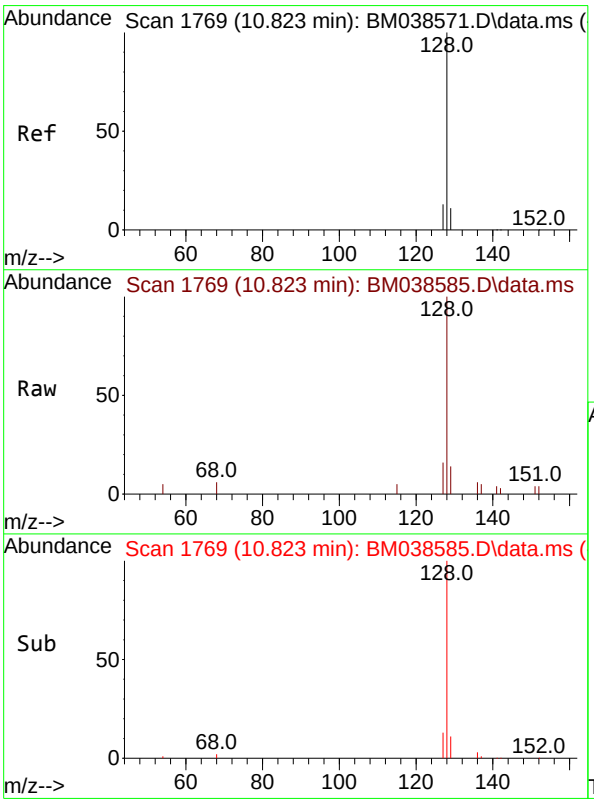
#2
1,4-Dioxane
Concen: 0.571 ng/ul
RT: 3.376 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EX9G4MSD

Tgt Ion: 88 Resp: 982

Ion	Ratio	Lower	Upper
88	100		
43	40.5	141.3	211.9#
58	52.4	45.7	68.5

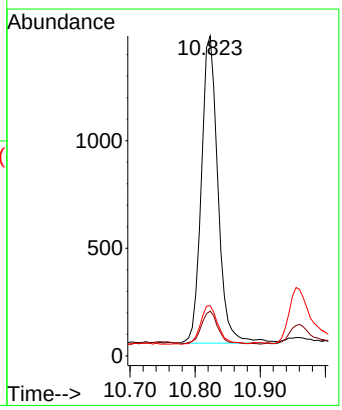


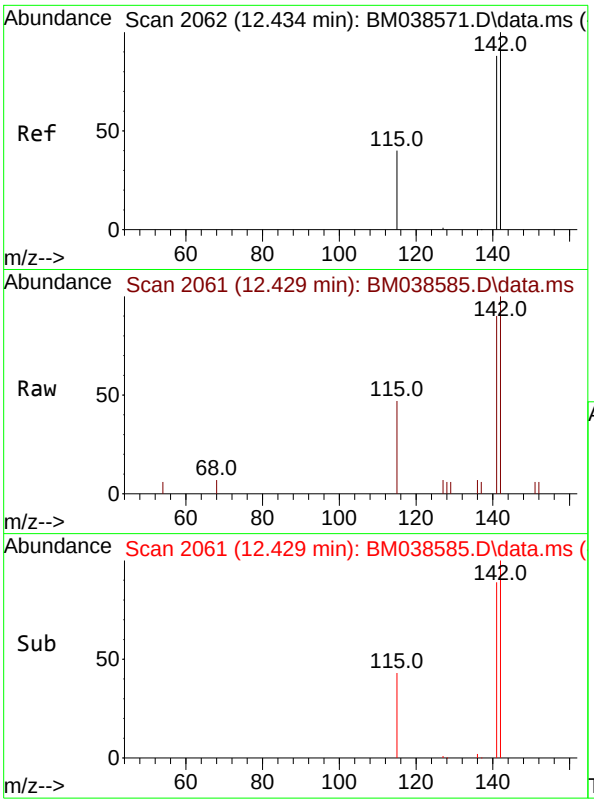


#5
Naphthalene
Concen: 0.206 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Tgt Ion:128 Resp: 2523

Ion	Ratio	Lower	Upper
128	100		
129	14.0	10.3	15.5
127	15.7	11.9	17.9



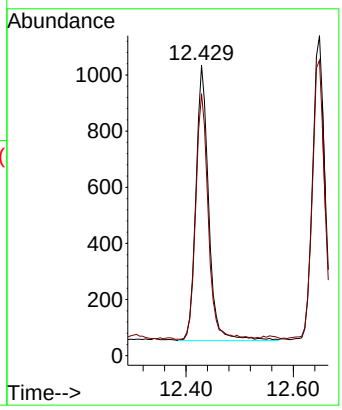


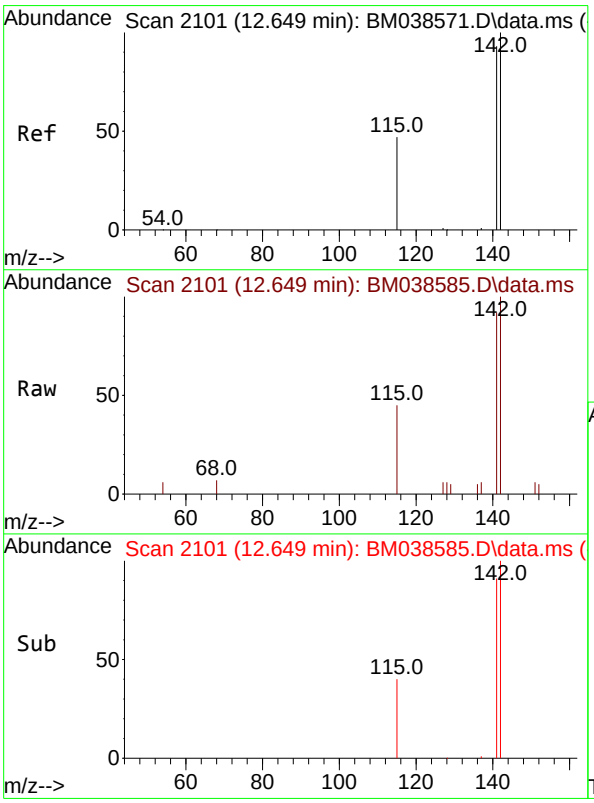
#7
2-Methylnaphthalene
Concen: 0.250 ng/ul
RT: 12.429 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EX9G4MSD

Tgt Ion:142 Resp: 1620

Ion	Ratio	Lower	Upper
142	100		
141	87.3	73.7	110.5

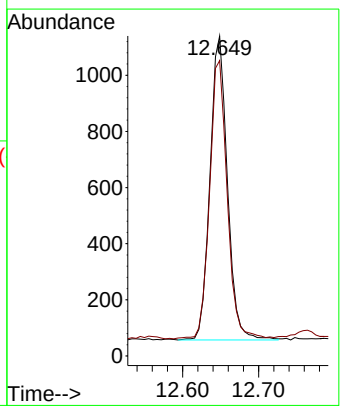


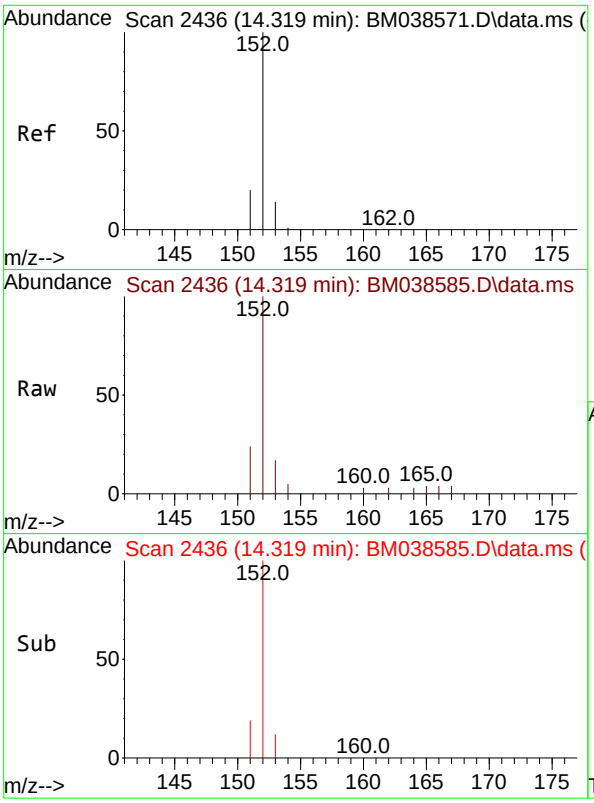


#8
1-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.649 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Tgt Ion:142 Resp: 1723

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.0	111.0



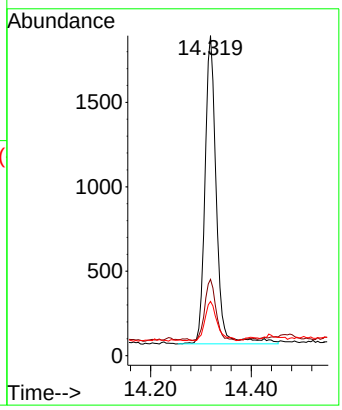


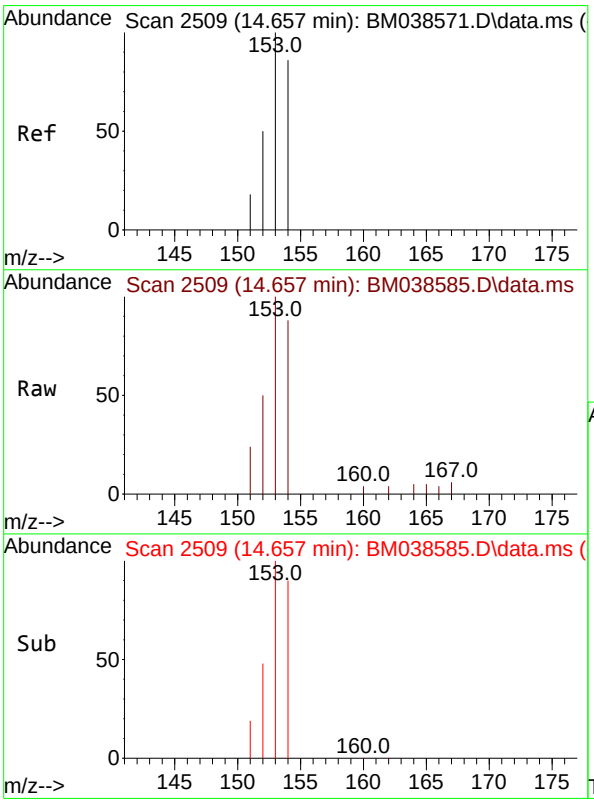
#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 14.319 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EX9G4MSD

Tgt Ion:152 Resp: 2847

Ion	Ratio	Lower	Upper
152	100		
151	23.9	16.3	24.5
153	16.9	11.8	17.6

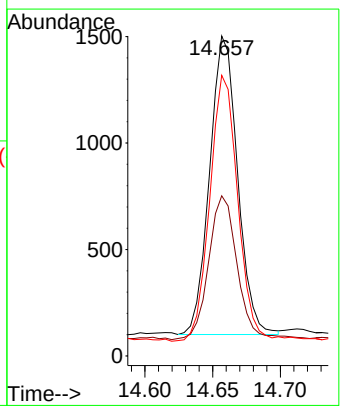


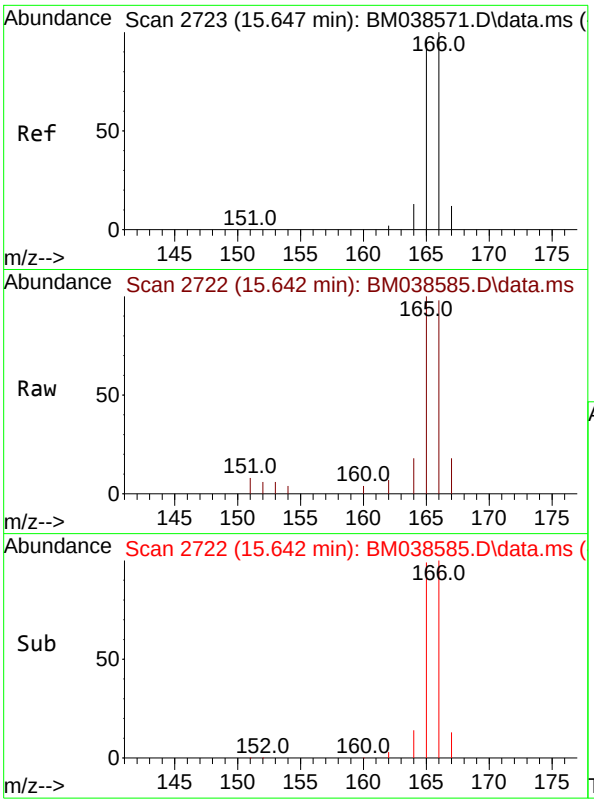


#11
Acenaphthene
Concen: 0.266 ng/ul
RT: 14.657 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Tgt Ion:153 Resp: 2011

Ion	Ratio	Lower	Upper
153	100		
152	50.0	40.1	60.1
154	87.7	68.4	102.6



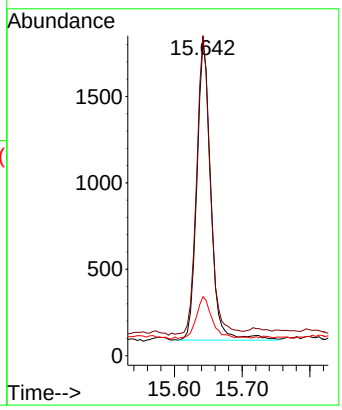


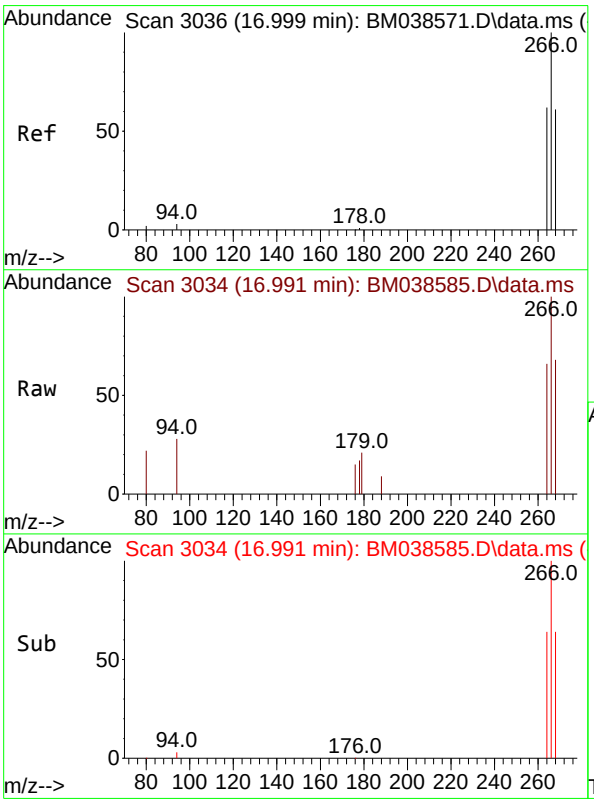
#12
Fluorene
Concen: 0.264 ng/ul
RT: 15.642 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EX9G4MSD

Tgt Ion:166 Resp: 2491

Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.3	118.9
167	18.8	11.9	17.9#

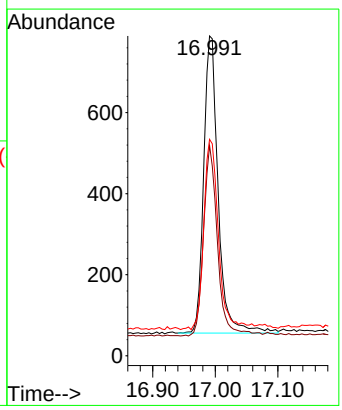


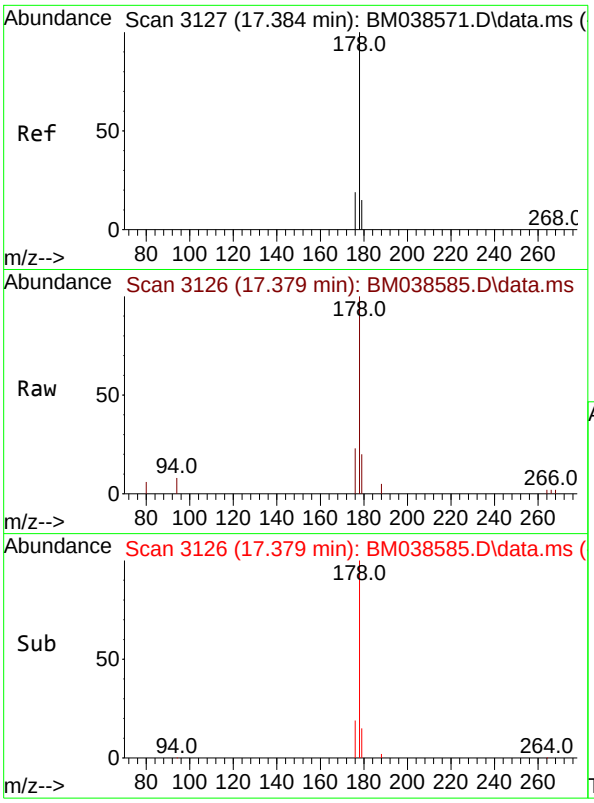


#14
Pentachlorophenol
Concen: 0.592 ng/ul
RT: 16.991 min Scan# 3034
Delta R.T. -0.009 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Tgt Ion:266 Resp: 1182

Ion	Ratio	Lower	Upper
266	100		
264	61.6	49.4	74.2
268	65.3	51.7	77.5



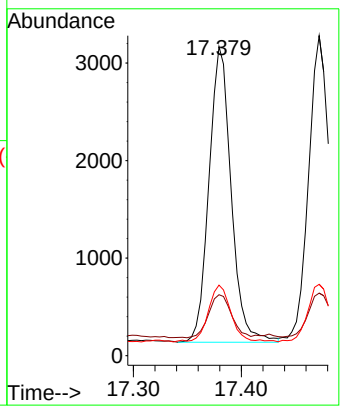


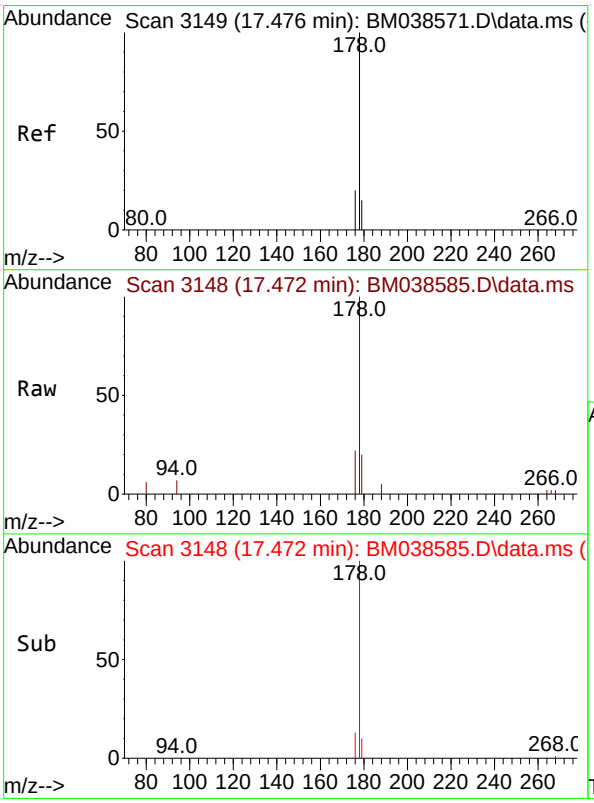
#15
Phenanthrene
Concen: 0.273 ng/ul
RT: 17.379 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EX9G4MSD

Tgt Ion:178 Resp: 4331

Ion	Ratio	Lower	Upper
178	100		
179	19.7	13.0	19.4#
176	22.8	16.4	24.6

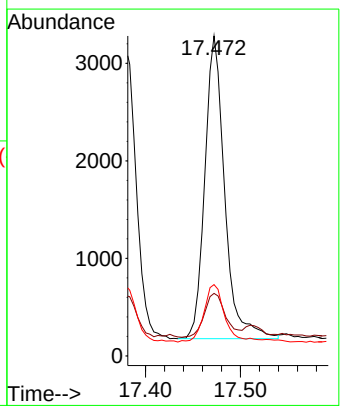


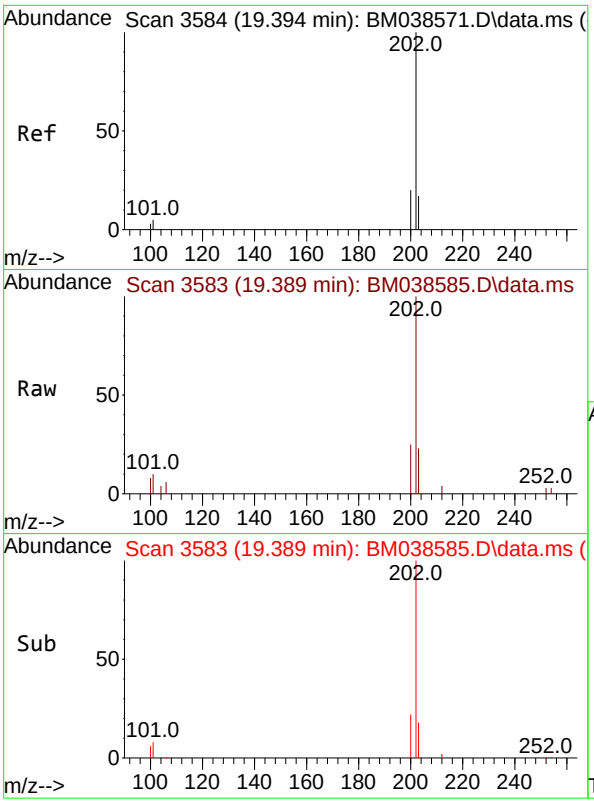


#16
Anthracene
Concen: 0.334 ng/ul
RT: 17.472 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Tgt Ion:178 Resp: 4509

Ion	Ratio	Lower	Upper
178	100		
179	19.6	13.2	19.8
176	22.3	16.2	24.4



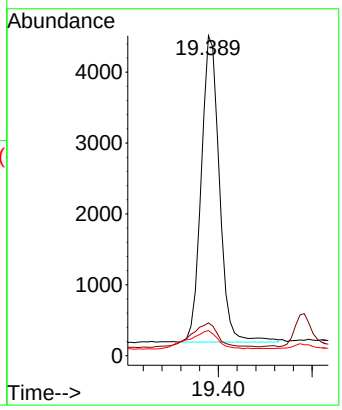


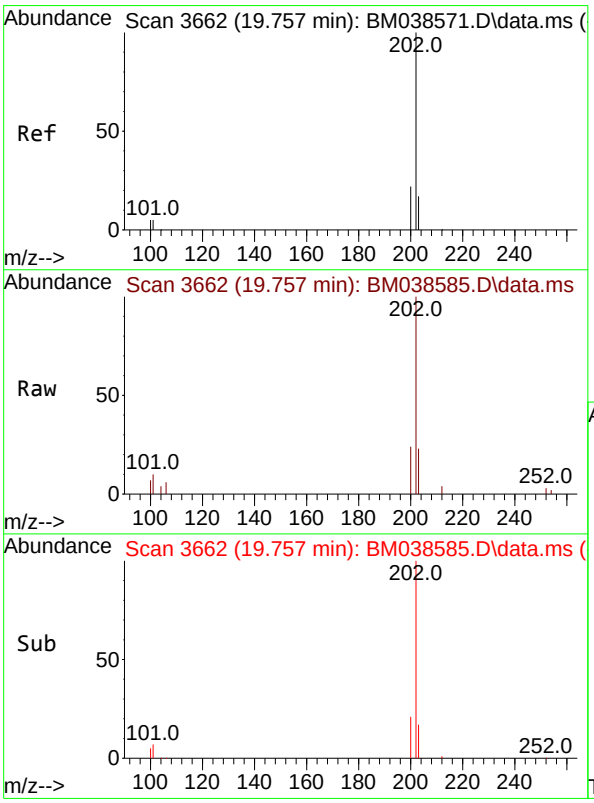
#19
Fluoranthene
Concen: 0.310 ng/ul
RT: 19.389 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EX9G4MSD

Tgt Ion:202 Resp: 5815

Ion	Ratio	Lower	Upper
202	100		
101	10.2	5.3	7.9#
100	7.9	4.2	6.2#

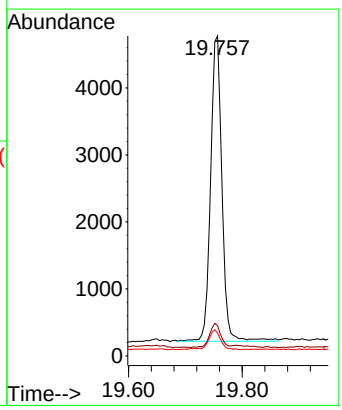


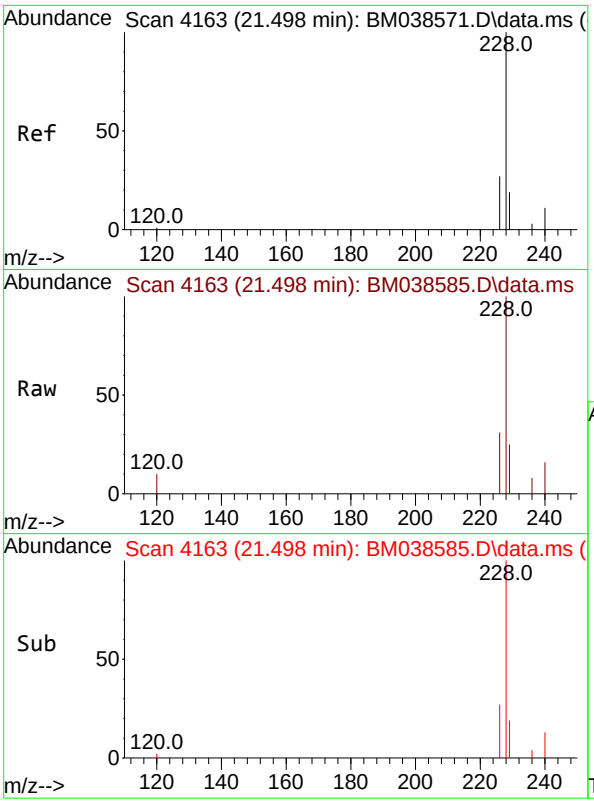


#20
Pyrene
Concen: 0.313 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Tgt Ion:202 Resp: 6311

Ion	Ratio	Lower	Upper
202	100		
101	9.5	5.9	8.9#
100	7.1	5.2	7.8



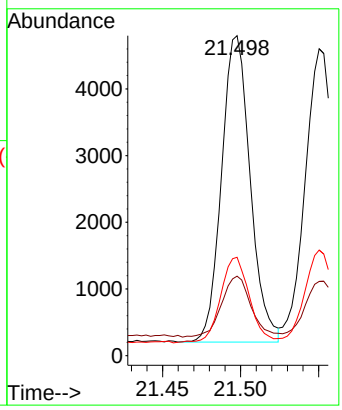


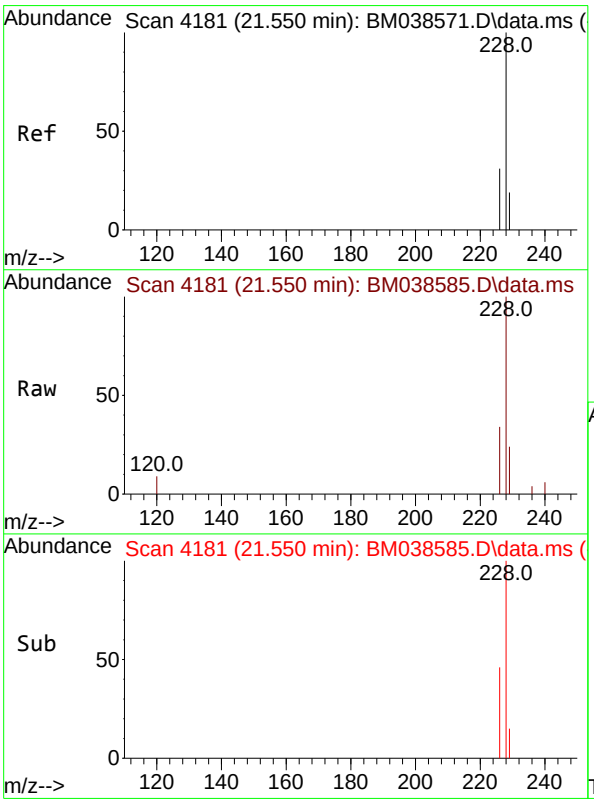
#21
Benzo(a)anthracene
Concen: 0.314 ng/ul
RT: 21.498 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EX9G4MSD

Tgt Ion:228 Resp: 5877

Ion	Ratio	Lower	Upper
228	100		
229	24.9	16.7	25.1
226	30.7	22.2	33.4

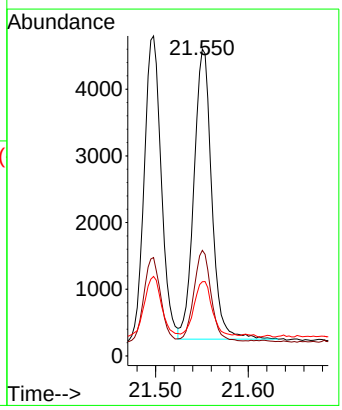


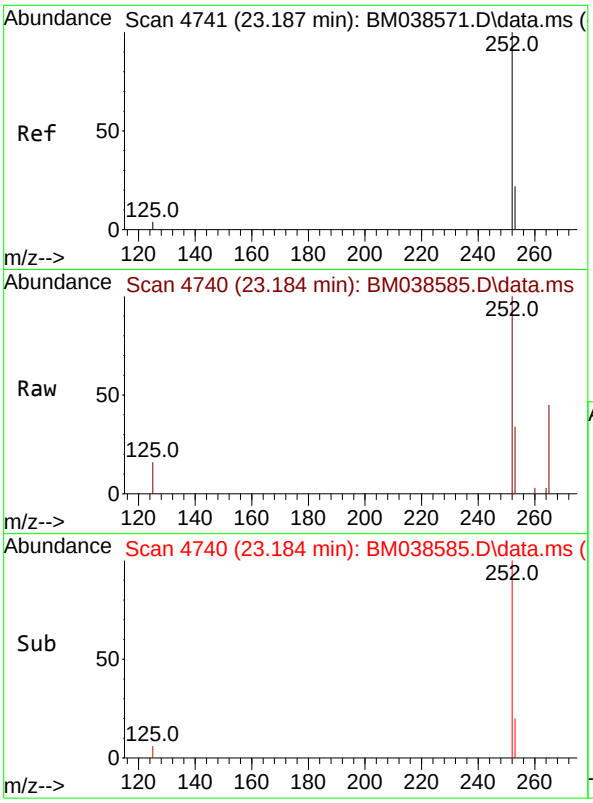


#22
Chrysene
Concen: 0.310 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Tgt Ion:228 Resp: 5813

Ion	Ratio	Lower	Upper
228	100		
226	34.4	24.6	36.8
229	24.2	16.2	24.4



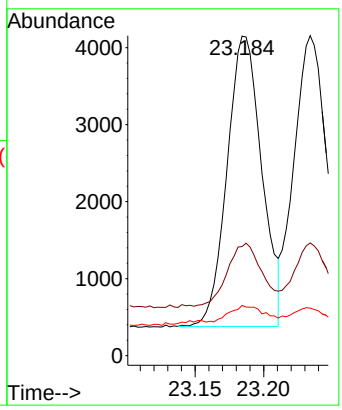


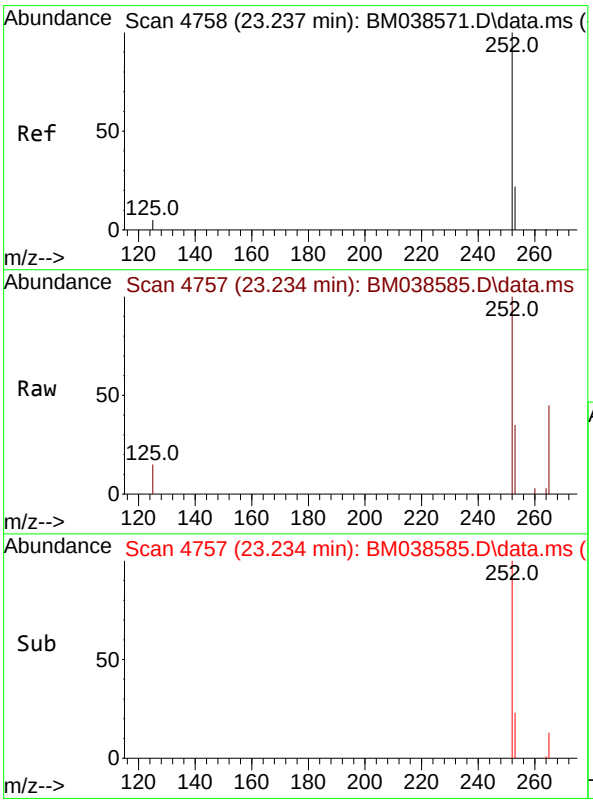
#24
Benzo(b)fluoranthene
Concen: 0.299 ng/ul
RT: 23.184 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EX9G4MSD

Tgt Ion:252 Resp: 6643

Ion	Ratio	Lower	Upper
252	100		
253	34.1	0.0	56.6
125	15.7	0.0	21.4

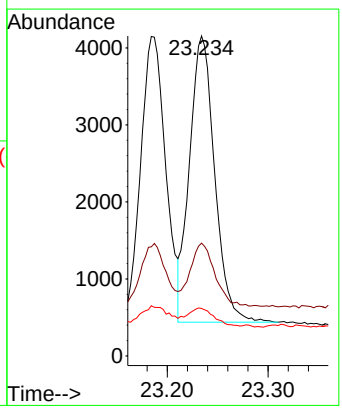


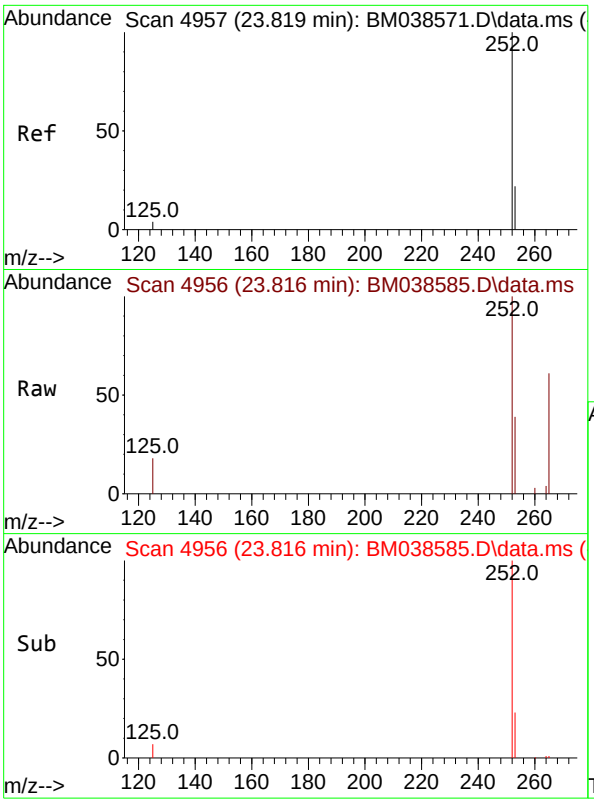


#25
Benzo(k)fluoranthene
Concen: 0.299 ng/ul
RT: 23.234 min Scan# 4757
Delta R.T. -0.006 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Tgt Ion:252 Resp: 6446

Ion	Ratio	Lower	Upper
252	100		
253	35.2	23.1	34.7#
125	14.8	8.4	12.6#



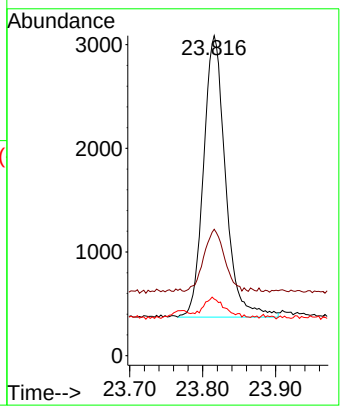


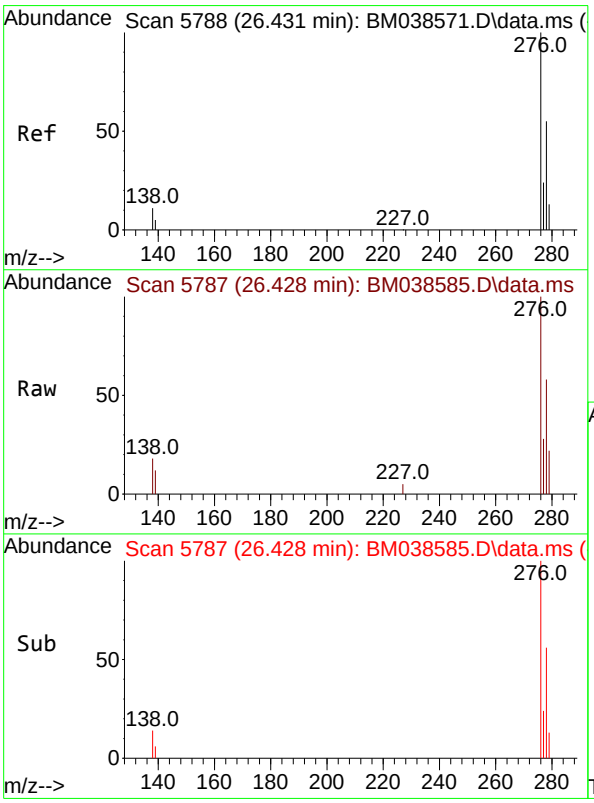
#26
Benzo(a)pyrene
Concen: 0.285 ng/ul
RT: 23.816 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EX9G4MSD

Tgt Ion:252 Resp: 5685

Ion	Ratio	Lower	Upper
252	100		
253	39.5	25.1	37.7#
125	17.7	10.0	15.0#

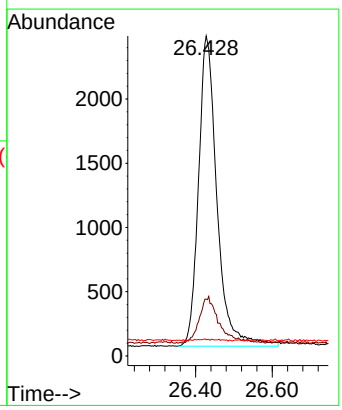


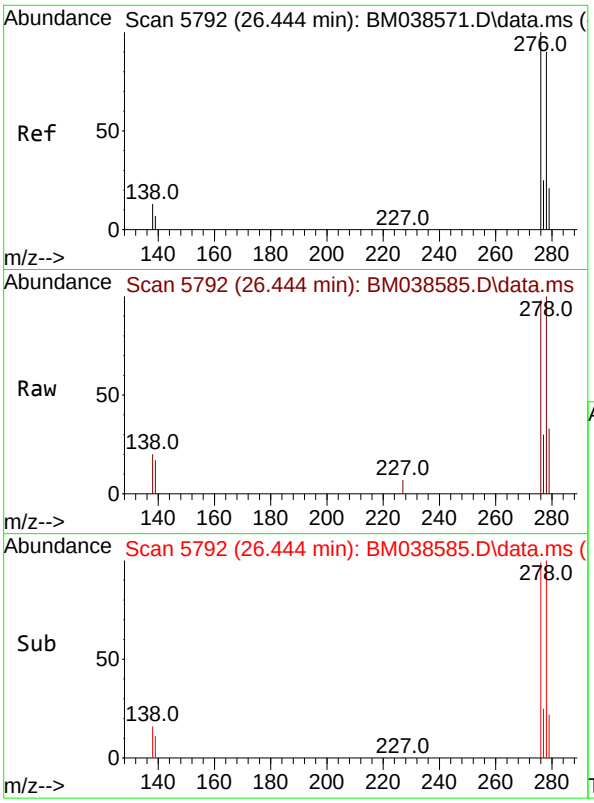


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.288 ng/ul
RT: 26.428 min Scan# 5787
Delta R.T. -0.014 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Tgt Ion:276 Resp: 8084

Ion	Ratio	Lower	Upper
276	100		
138	0.0	11.7	17.5#
227	0.1	0.3	0.5#



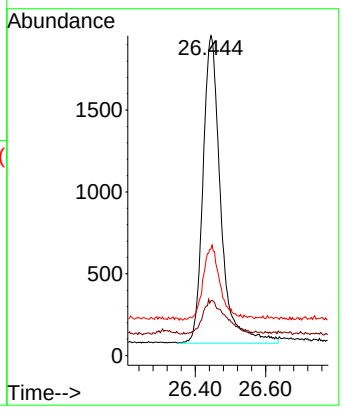


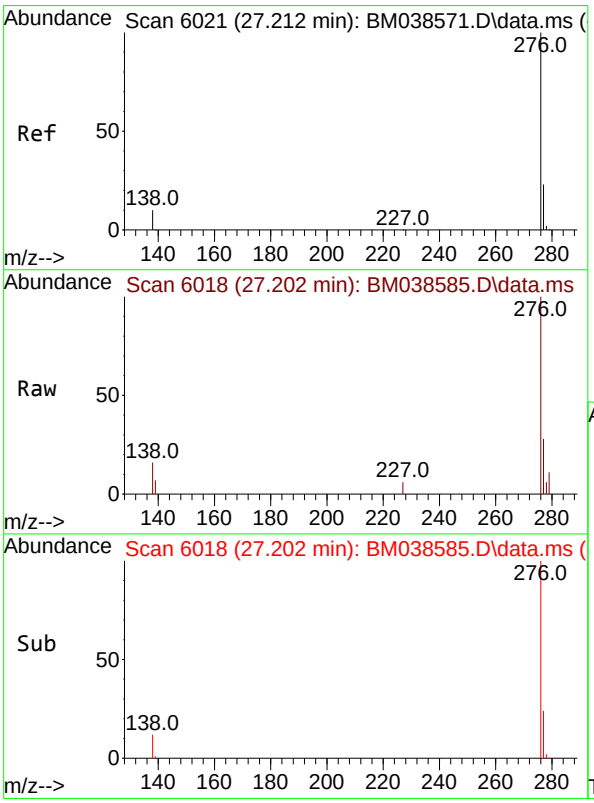
#28
Dibenzo(a,h)anthracene
Concen: 0.295 ng/ul
RT: 26.444 min Scan# 5
Delta R.T. -0.014 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EX9G4MSD

Tgt Ion:278 Resp: 6577

Ion	Ratio	Lower	Upper
278	100		
139	17.2	9.8	14.8#
279	33.3	23.3	34.9





#29
Benzo(g,h,i)perylene
Concen: 0.285 ng/ul
RT: 27.202 min Scan# 6018
Delta R.T. -0.017 min
Lab File: BM038585.D
Acq: 27 Jan 2023 14:25

Tgt Ion:276 Resp: 6936

Ion	Ratio	Lower	Upper
276	100		
138	16.4	12.6	19.0
277	27.6	20.5	30.7