Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046414.D
Acq On : 06 Jul 2024 12:07
Operator : MA/JU
Sample : P2982-17
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BB8

Quant Time: Jul 08 00:48:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	12367	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	36333	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	21140	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	38044	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	15634	0.400	ng/ul	# 0.00
23) Perylene-d12	23.297	264	16486	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	25617	2.005	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	11069	0.206	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	14232	0.260	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.348	128	18237	0.189	ng/ul	99
7) 2-Methylnaphthalene	11.976	142	6556	0.101	ng/ul	98
8) 1-Methylnaphthalene	12.196	142	5004	0.074	ng/ul	97
10) Acenaphthylene	13.896	152	30409	0.283	ng/ul	99
11) Acenaphthene	14.243	153	17673	0.253	ng/ul	98
12) Fluorene	15.238	166	23038	0.279	ng/ul	97
15) Phenanthrene	16.972	178	328634	2.885	ng/ul	99
16) Anthracene	17.065	178	59944	0.542	ng/ul	99
19) Fluoranthene	18.997	202	430938	5.453	ng/ul	99
20) Pyrene	19.365	202	327745	4.031	ng/ul#	95
21) Benzo(a)anthracene	21.122	228	137249	1.965	ng/ul	93
22) Chrysene	21.175	228	139466	2.008	ng/ul	96
24) Benzo(b)fluoranthene	22.662	252	232409	3.316	ng/ul	100
25) Benzo(k)fluoranthene	22.662	252	232409	3.285	ng/ul	99
26) Benzo(a)pyrene	23.206	252	117025	2.112	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.443	276	89770	1.199	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.457	278	21142	0.365	ng/ul#	84
29) Benzo(g,h,i)perylene	26.091	276	89496	1.500	ng/ul	98

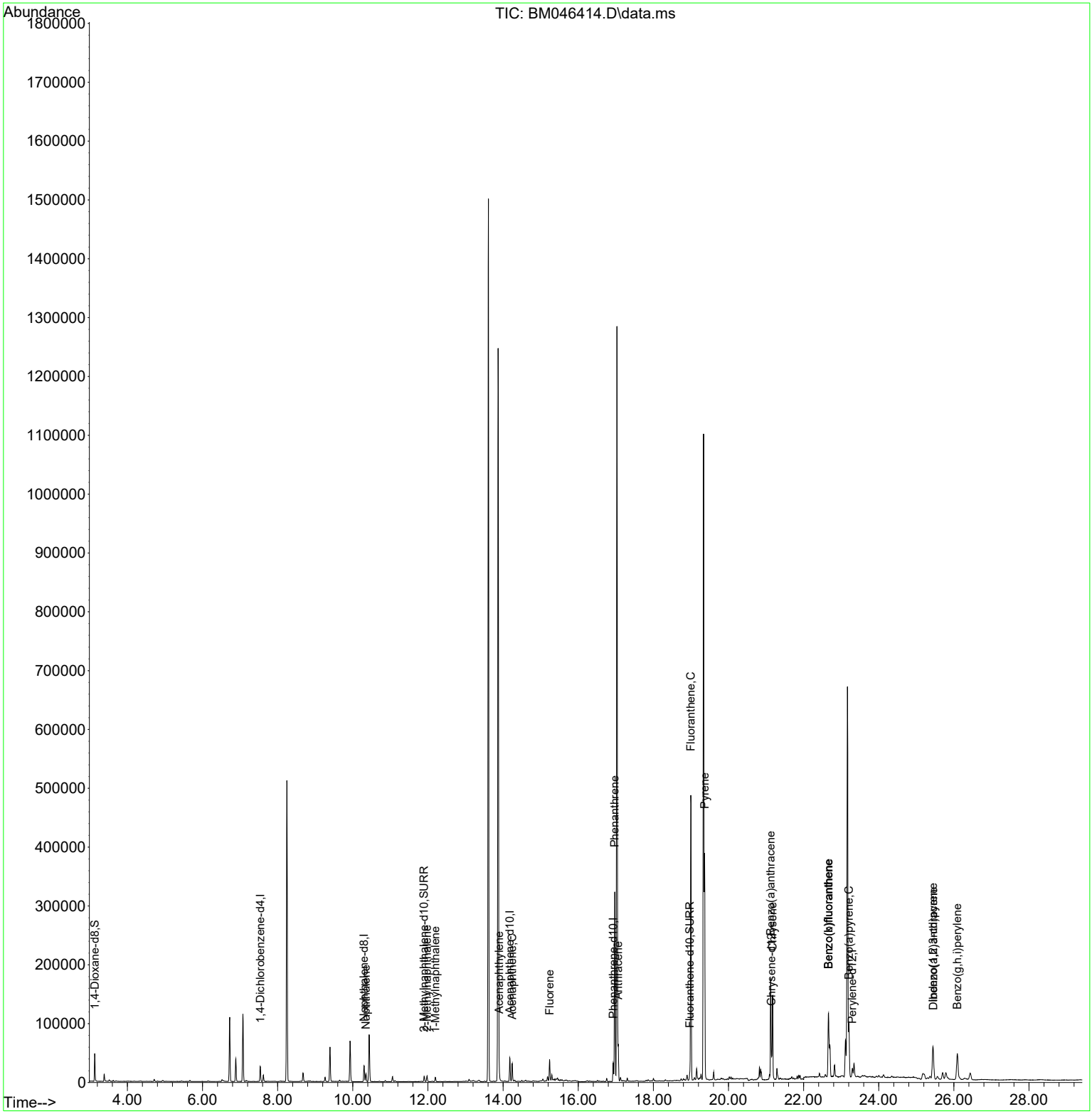
(#) = qualifier out of range (m) = manual integration (+) = signals summed

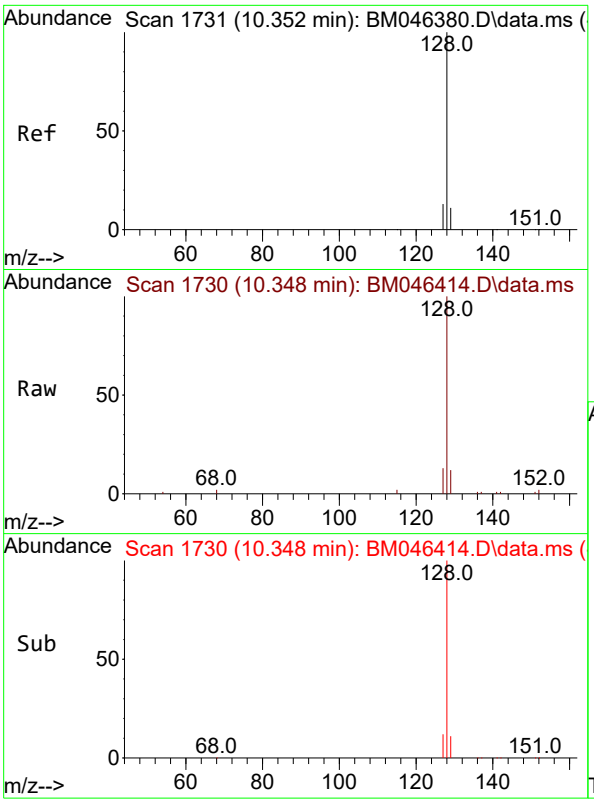
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046414.D
Acq On : 06 Jul 2024 12:07
Operator : MA/JU
Sample : P2982-17
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BB8

Quant Time: Jul 08 00:48:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration



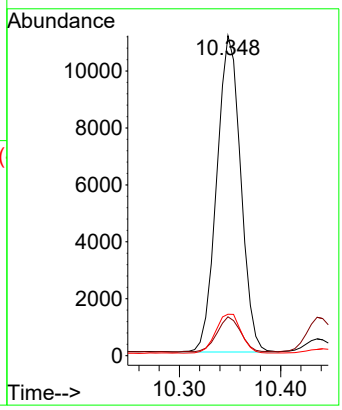


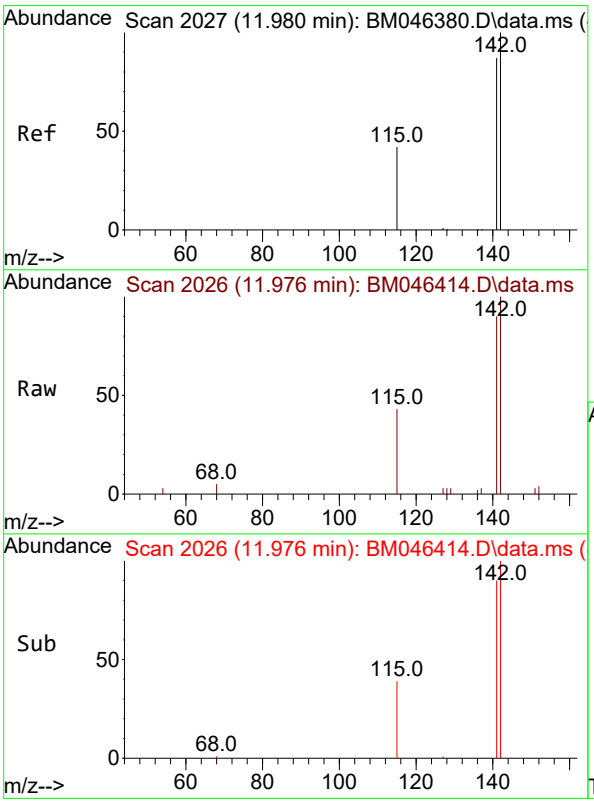
#5
Naphthalene
Concen: 0.189 ng/ul
RT: 10.348 min Scan# 1
Delta R.T. -0.004 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Instrument :
BNA_M
ClientSampleId :
A4BB8

Tgt Ion:128 Resp: 18237

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.0
127	12.9	10.8	16.2

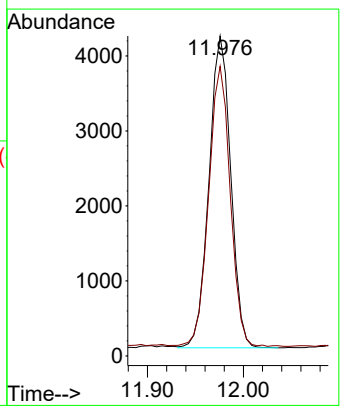


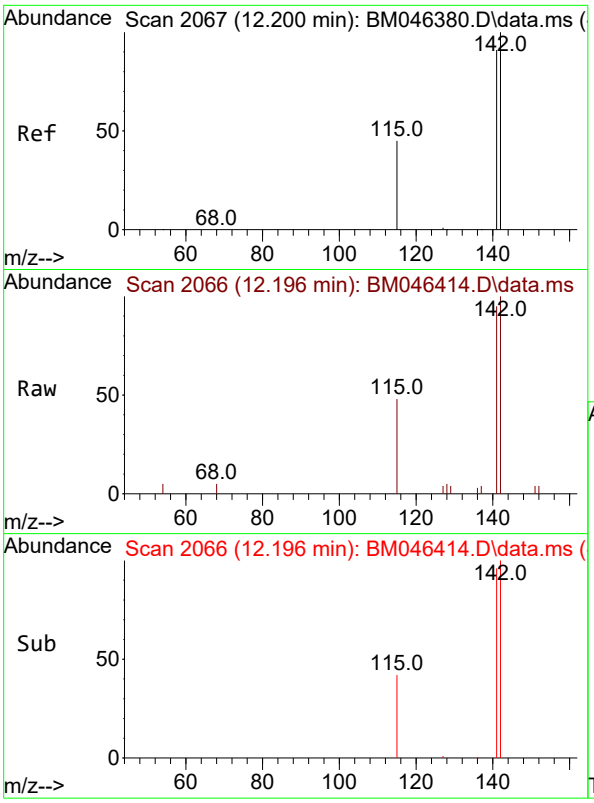


#7
2-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Tgt Ion:142 Resp: 6556

Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.8	104.6



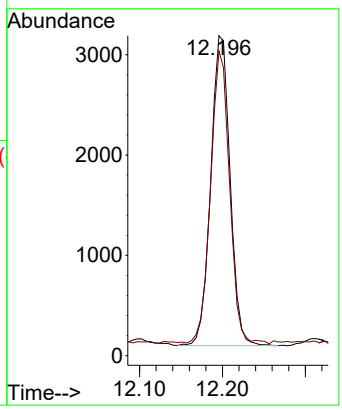


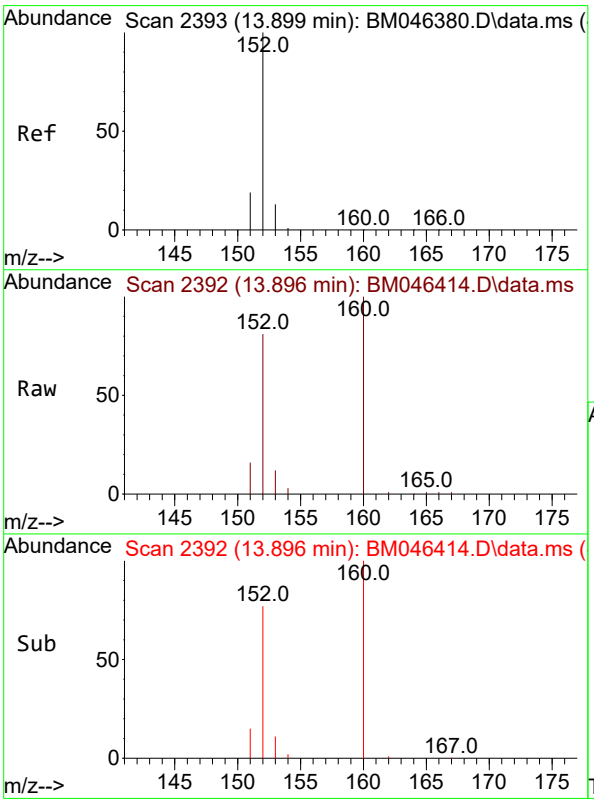
#8
1-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.196 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Instrument :
BNA_M
ClientSampleId :
A4BB8

Tgt Ion:142 Resp: 5004

Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.4	108.6

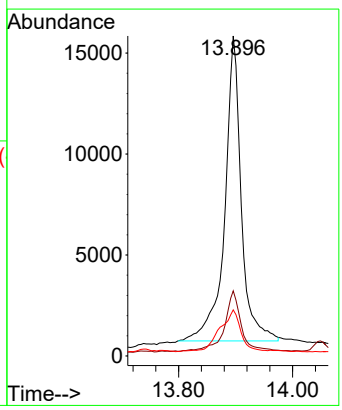


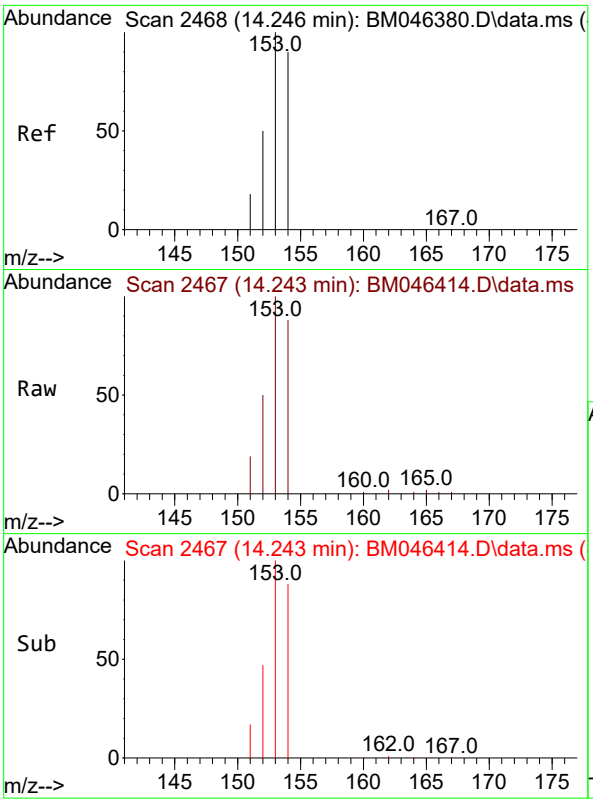


#10
Acenaphthylene
Concen: 0.283 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.003 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Tgt Ion:152 Resp: 30409

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	14.4	11.0	16.6



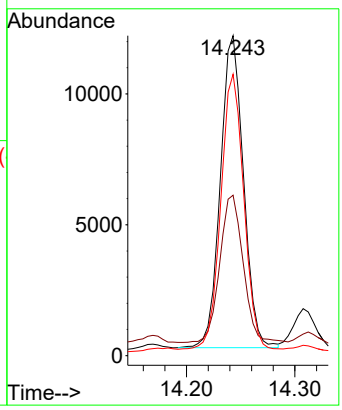


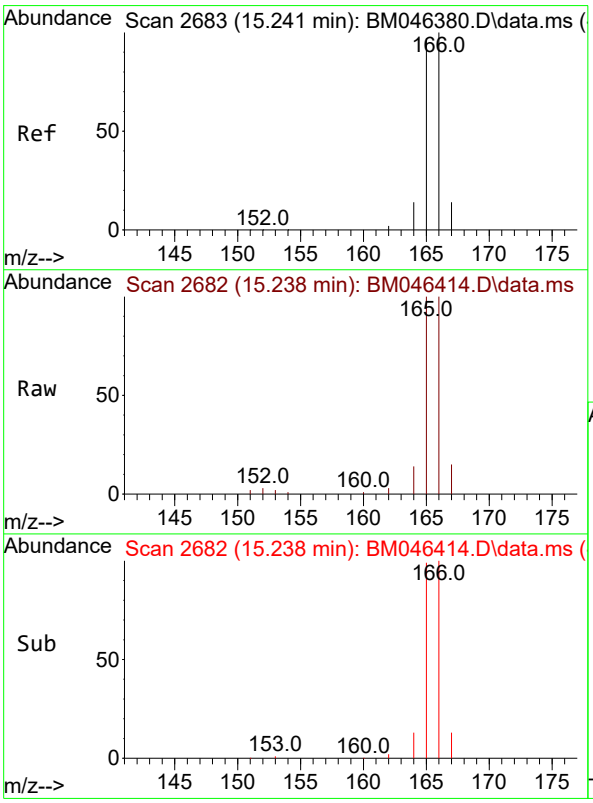
#11
Acenaphthene
Concen: 0.253 ng/ul
RT: 14.243 min Scan# 24
Delta R.T. -0.003 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Instrument :
BNA_M
ClientSampleId :
A4BB8

Tgt Ion:153 Resp: 17673

Ion	Ratio	Lower	Upper
153	100		
152	50.1	40.4	60.6
154	88.0	72.1	108.1

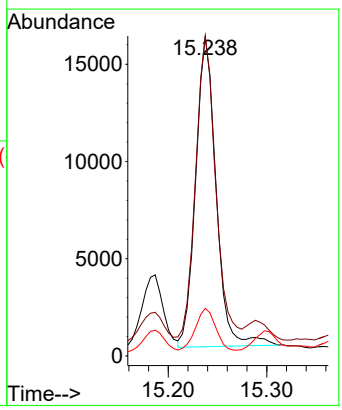


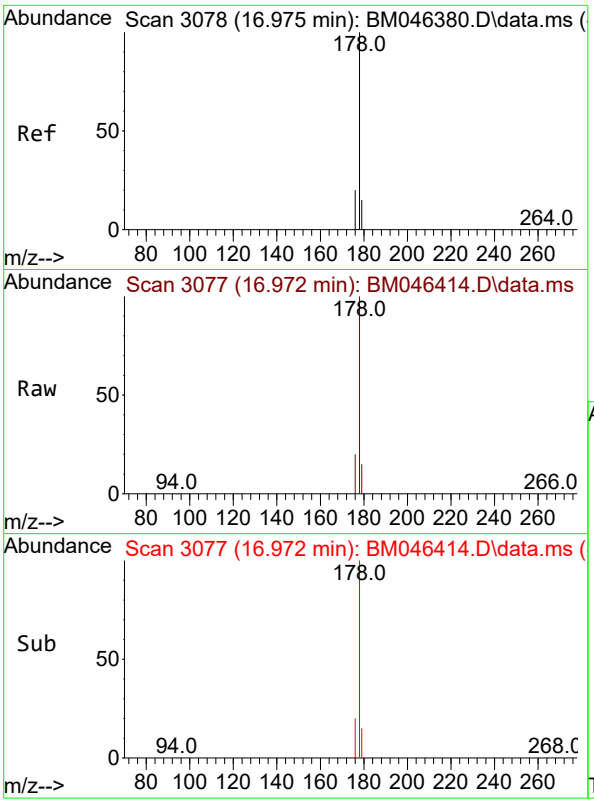


#12
Fluorene
Concen: 0.279 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.003 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Tgt Ion:166 Resp: 23038

Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.0	117.0
167	14.9	11.4	17.0



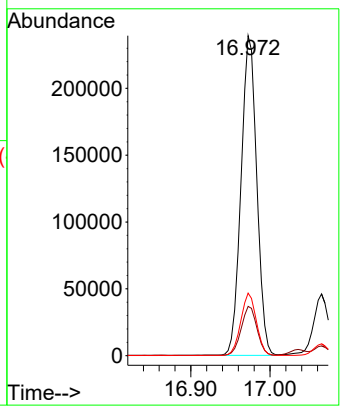


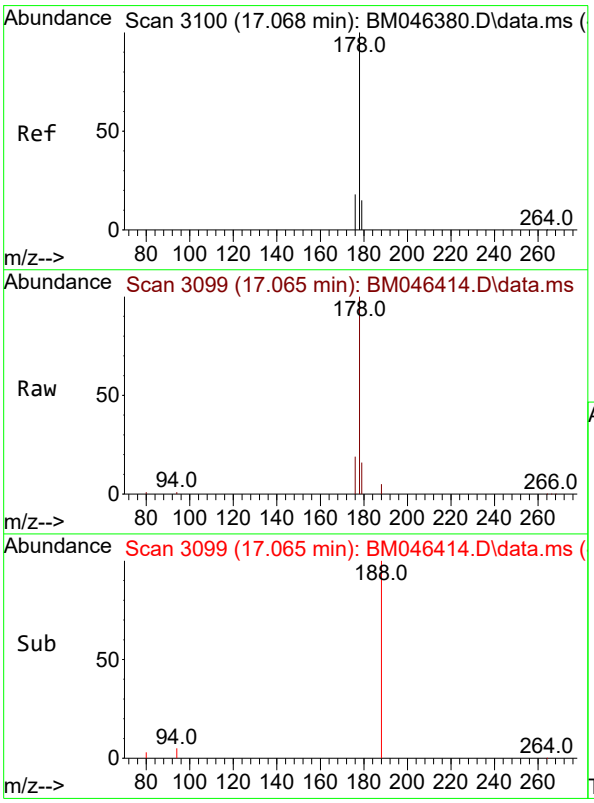
#15
Phenanthrene
Concen: 2.885 ng/ul
RT: 16.972 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Instrument :
BNA_M
ClientSampleId :
A4BB8

Tgt Ion:178 Resp: 328634

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.7	19.1
176	19.6	16.0	24.0

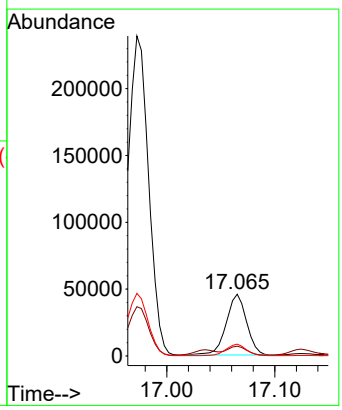


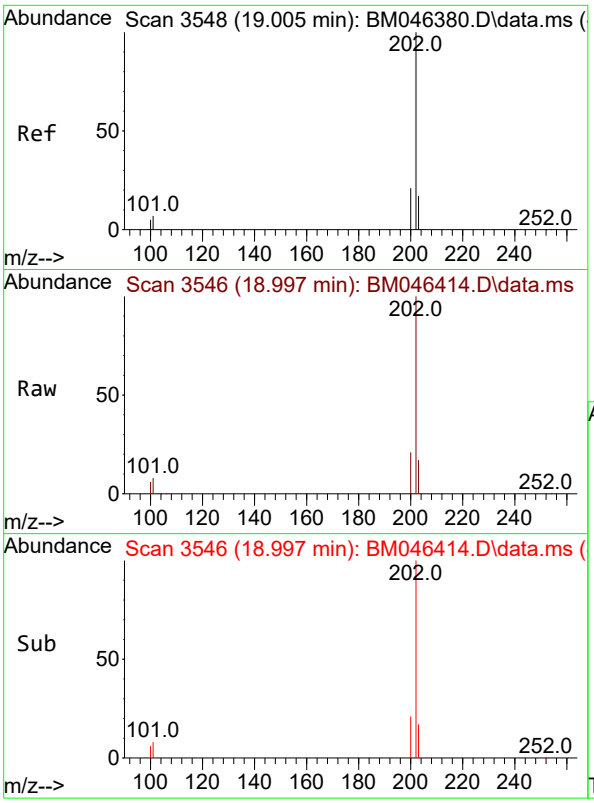


#16
Anthracene
Concen: 0.542 ng/ul
RT: 17.065 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Tgt Ion:178 Resp: 59944

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	19.1	14.9	22.3



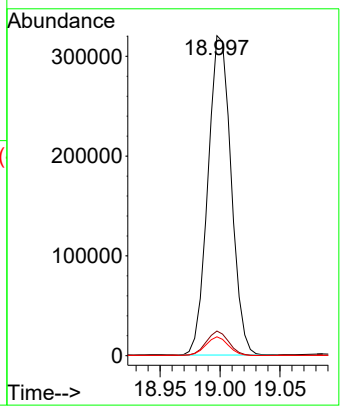


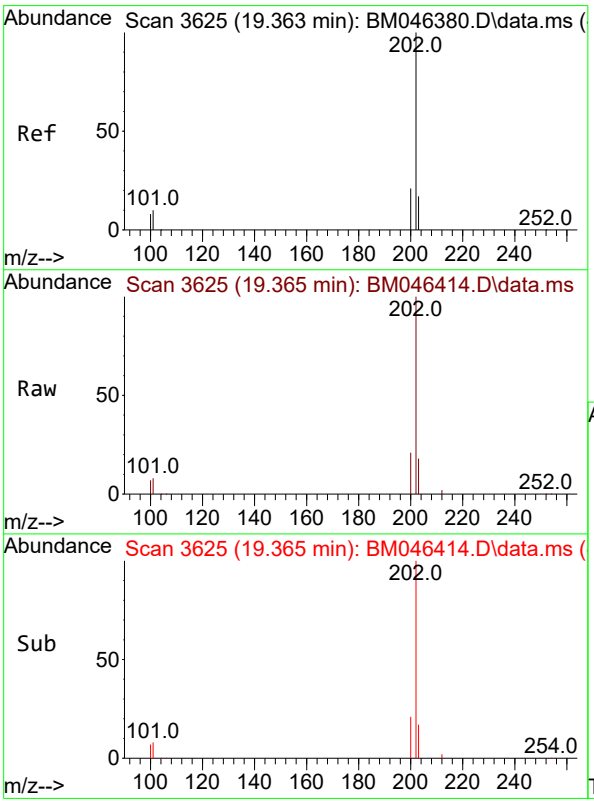
#19
Fluoranthene
Concen: 5.453 ng/ul
RT: 18.997 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Instrument :
BNA_M
ClientSampleId :
A4BB8

Tgt Ion:202 Resp: 430938

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.3	9.5
100	5.9	5.0	7.6

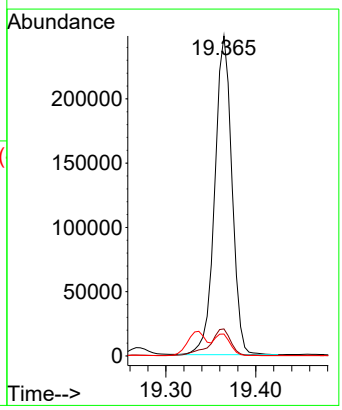


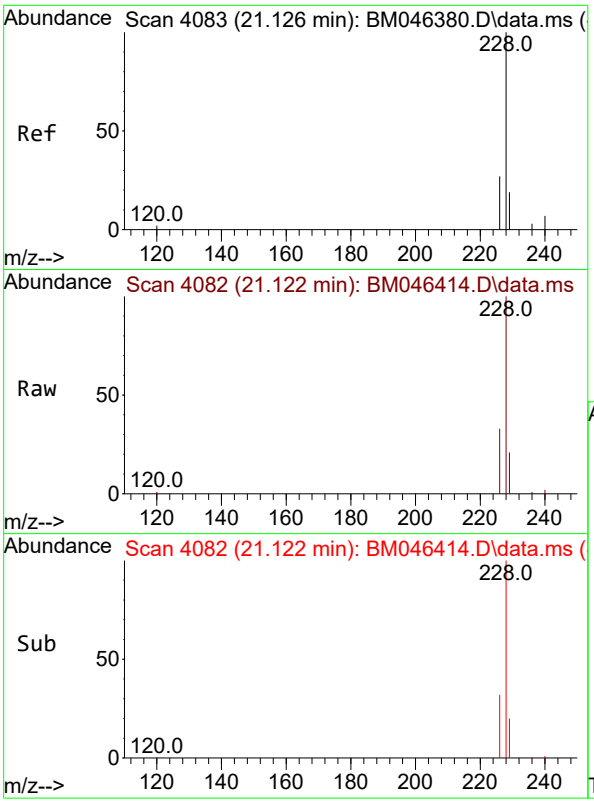


#20
Pyrene
Concen: 4.031 ng/ul
RT: 19.365 min Scan# 3625
Delta R.T. 0.001 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Tgt Ion:202 Resp: 327745

Ion	Ratio	Lower	Upper
202	100		
101	8.5	8.2	12.4
100	6.9	6.9	10.3#



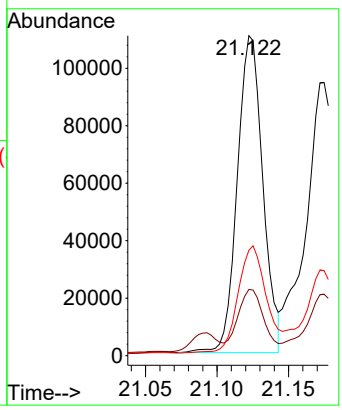


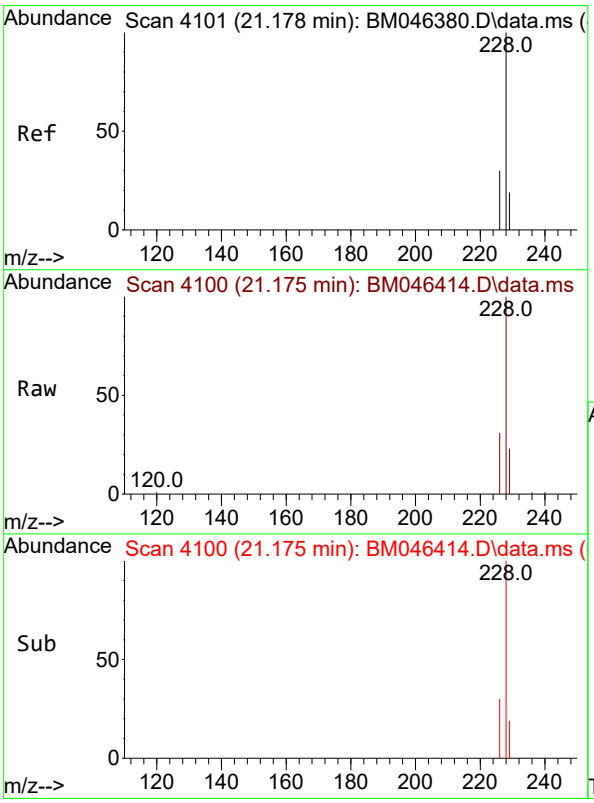
#21
Benzo(a)anthracene
Concen: 1.965 ng/ul
RT: 21.122 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Instrument :
BNA_M
ClientSampleId :
A4BB8

Tgt Ion:228 Resp: 137249

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.6
226	33.0	22.0	33.0

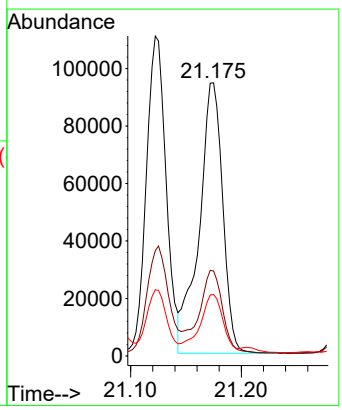


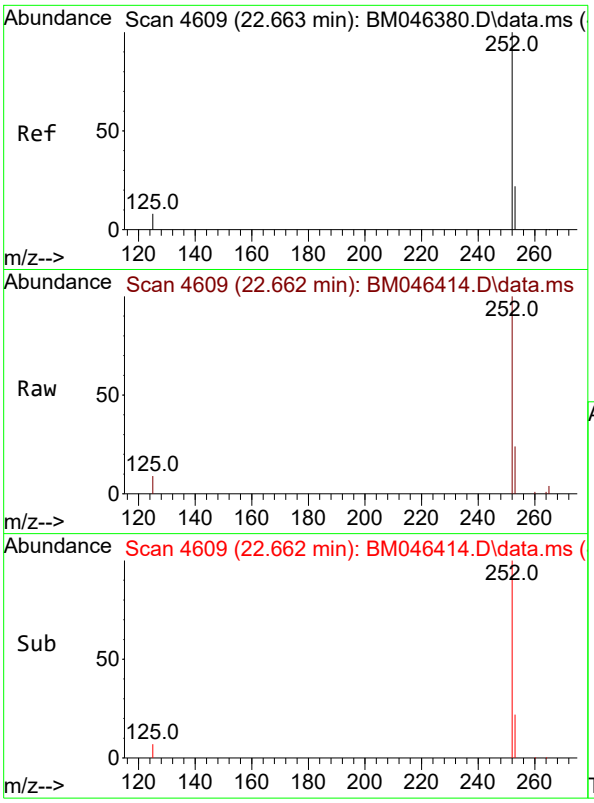


#22
Chrysene
Concen: 2.008 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Tgt Ion:228 Resp: 139466

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.1	36.1
229	22.5	15.8	23.6



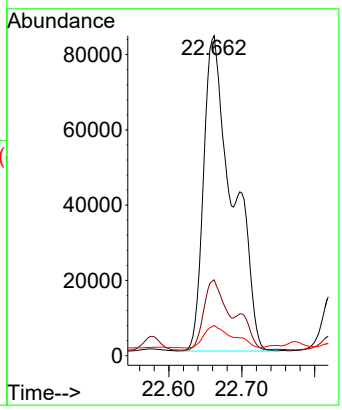


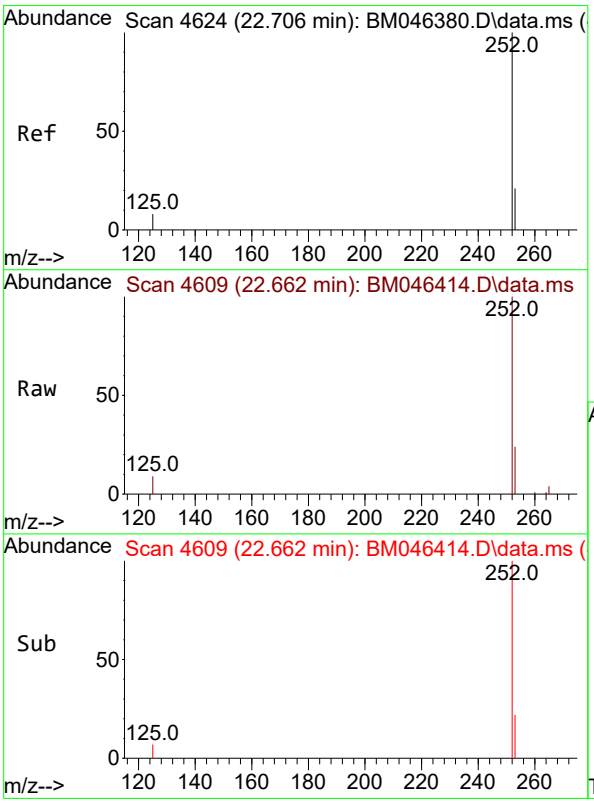
#24
Benzo(b)fluoranthene
Concen: 3.316 ng/ul
RT: 22.662 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Instrument :
BNA_M
ClientSampleId :
A4BB8

Tgt Ion:252 Resp: 232409

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	47.0
125	9.4	0.0	18.4

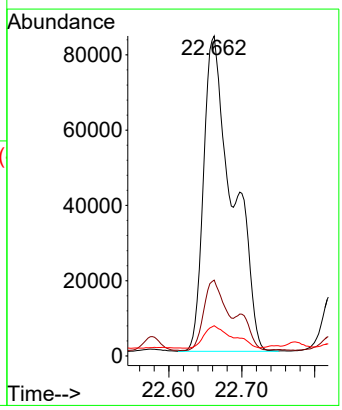


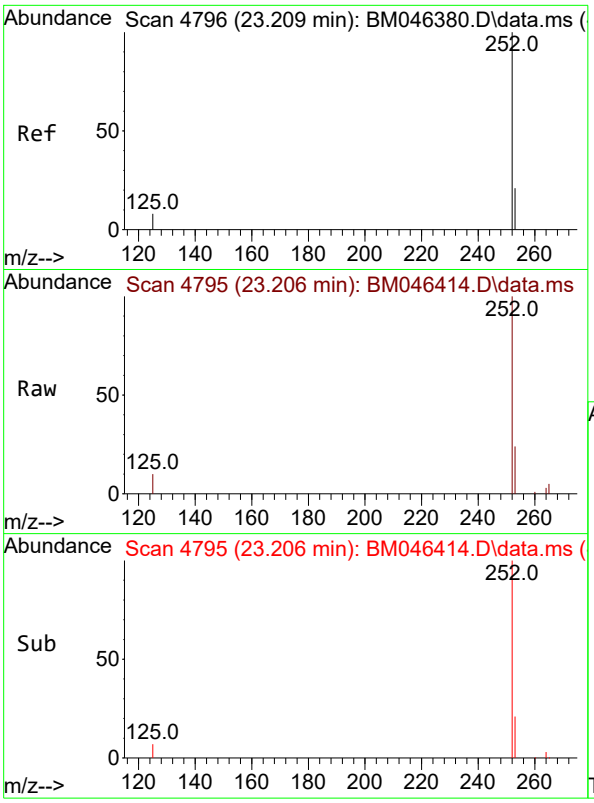


#25
Benzo(k)fluoranthene
Concen: 3.285 ng/ul
RT: 22.662 min Scan# 4609
Delta R.T. -0.044 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Tgt Ion:252 Resp: 232409

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	9.4	7.5	11.3



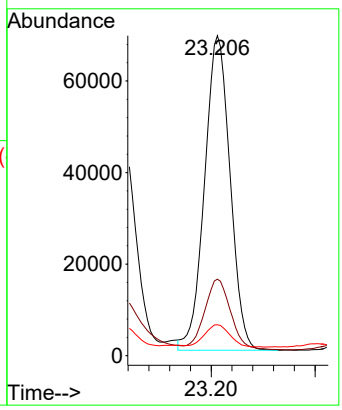


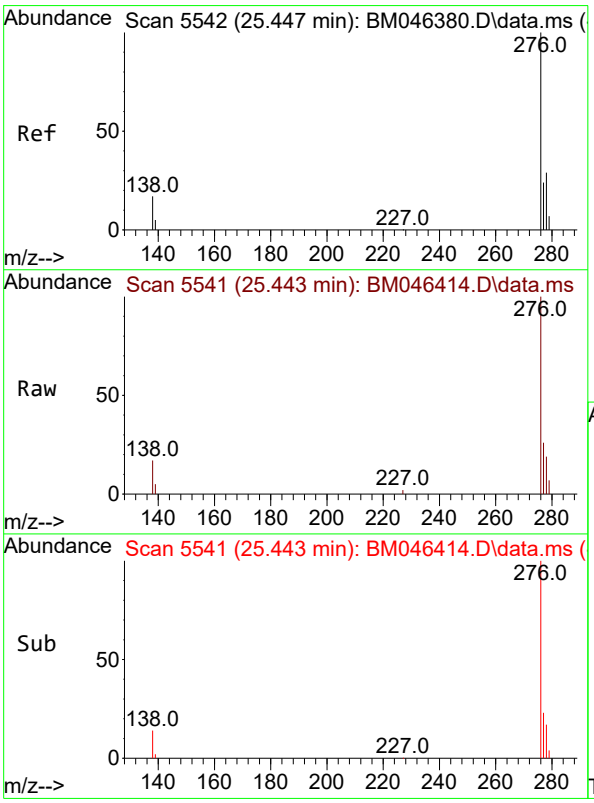
#26
Benzo(a)pyrene
Concen: 2.112 ng/ul
RT: 23.206 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Instrument :
BNA_M
ClientSampleId :
A4BB8

Tgt Ion:252 Resp: 117025

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.9	28.3
125	9.7	8.1	12.1

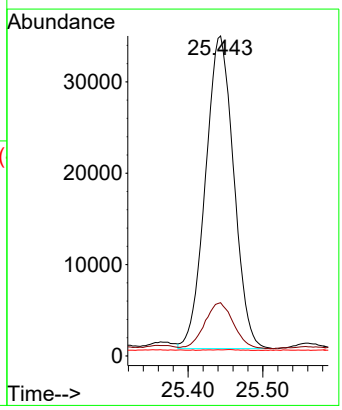


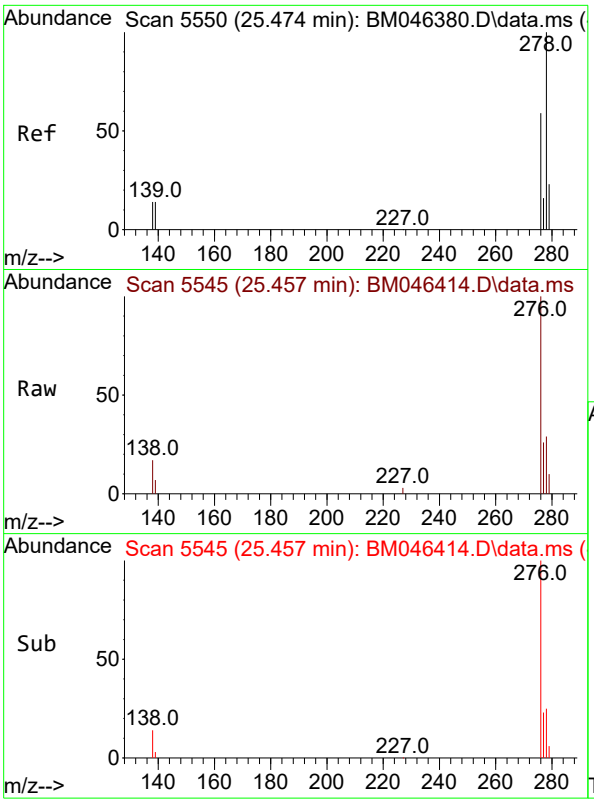


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.199 ng/ul
RT: 25.443 min Scan# 5541
Delta R.T. -0.004 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Tgt Ion:276 Resp: 89770

Ion	Ratio	Lower	Upper
276	100		
138	14.9	15.7	23.5#
227	0.1	0.1	0.1#



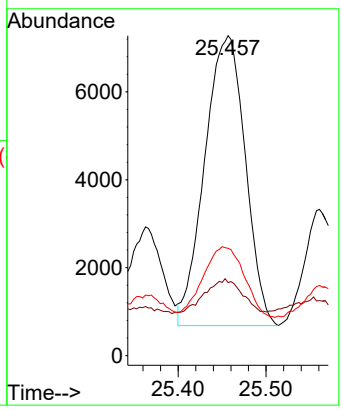


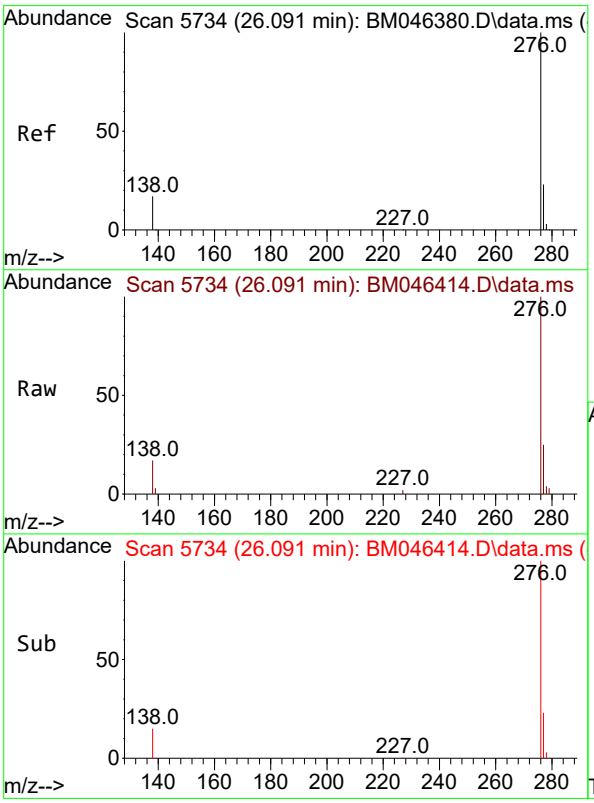
#28
Dibenzo(a,h)anthracene
Concen: 0.365 ng/ul
RT: 25.457 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Instrument :
BNA_M
ClientSampleId :
A4BB8

Tgt Ion:278 Resp: 21142

Ion	Ratio	Lower	Upper
278	100		
139	22.9	12.6	18.8#
279	33.6	20.7	31.1#





#29
Benzo(g,h,i)perylene
Concen: 1.500 ng/ul
RT: 26.091 min Scan# 5734
Delta R.T. -0.000 min
Lab File: BM046414.D
Acq: 06 Jul 2024 12:07

Tgt Ion:276 Resp: 89496

Ion	Ratio	Lower	Upper
276	100		
138	17.2	15.4	23.0
277	24.8	19.7	29.5