Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046409.D
Acq On : 06 Jul 2024 08:29
Operator : MA/JU
Sample : P3010-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CW1

Quant Time: Jul 08 00:47:06 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	10052	0.400	ng/ul	0.00
4) Naphthalene-d8	10.298	136	28308	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	16154	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.934	188	31641	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	17147	0.400	ng/ul	# 0.00
23) Perylene-d12	23.297	264	17346	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	24342	2.344	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	9318	0.223	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	15396	0.256	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.348	128	4711	0.063	ng/ul#	93
7) 2-Methylnaphthalene	11.976	142	1861	0.037	ng/ul	99
8) 1-Methylnaphthalene	12.201	142	1363	0.026	ng/ul	99
10) Acenaphthylene	13.896	152	10522	0.128	ng/ul	96
11) Acenaphthene	14.243	153	3852	0.072	ng/ul	97
12) Fluorene	15.238	166	4780	0.076	ng/ul	95
15) Phenanthrene	16.972	178	97107	1.025	ng/ul	99
16) Anthracene	17.065	178	18659	0.203	ng/ul	98
19) Fluoranthene	19.002	202	188809	2.178	ng/ul	98
20) Pyrene	19.364	202	153534	1.722	ng/ul	96
21) Benzo(a)anthracene	21.122	228	68486	0.894	ng/ul	94
22) Chrysene	21.175	228	74006	0.972	ng/ul	97
24) Benzo(b)fluoranthene	22.659	252	129440	1.755	ng/ul	97
25) Benzo(k)fluoranthene	22.659	252	129440	1.739	ng/ul#	96
26) Benzo(a)pyrene	23.206	252	61560	1.056	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.443	276	49996	0.635	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.460	278	11757	0.193	ng/ul#	69
29) Benzo(g,h,i)perylene	26.087	276	50275	0.801	ng/ul	98

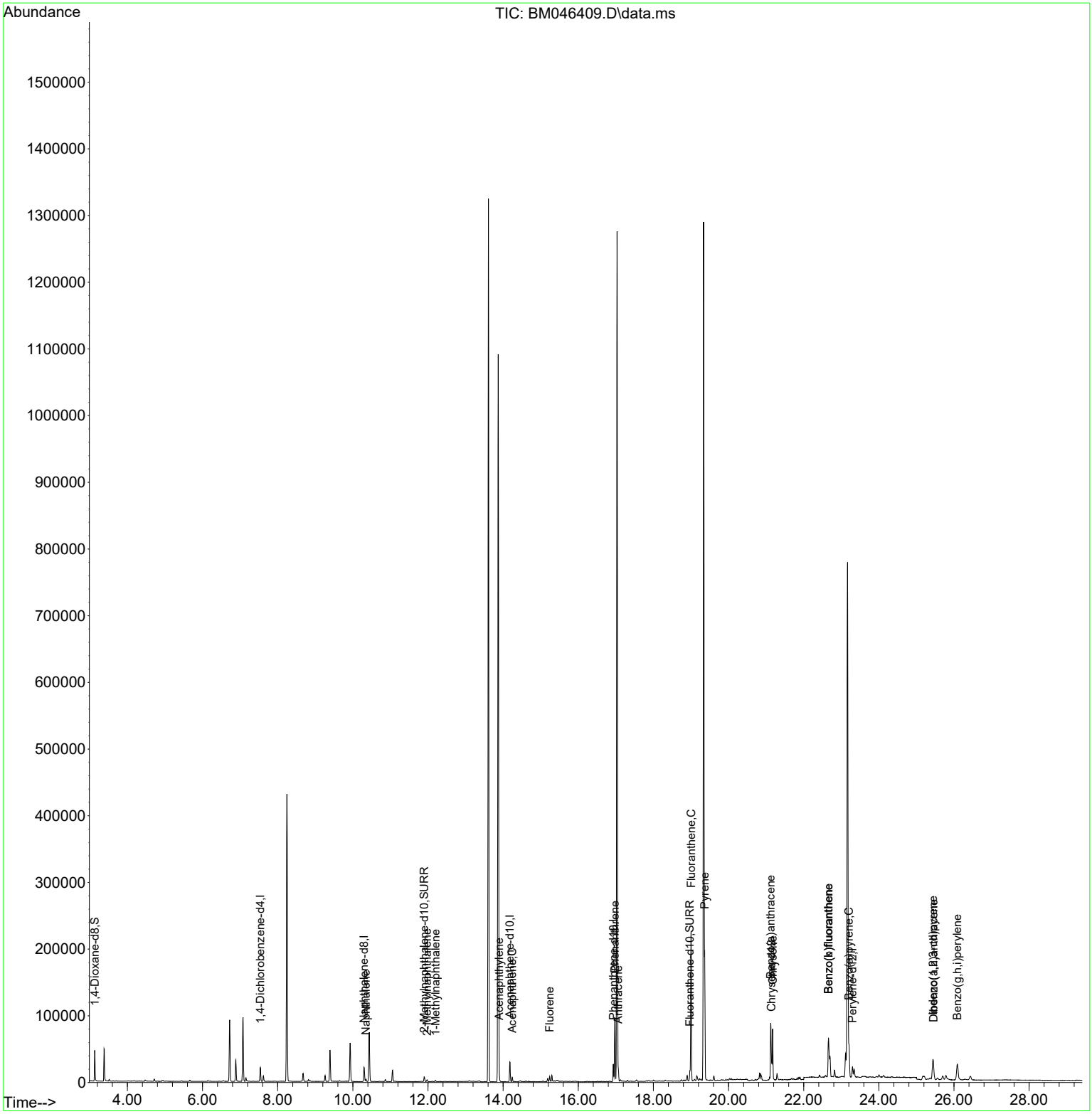
(#) = qualifier out of range (m) = manual integration (+) = signals summed

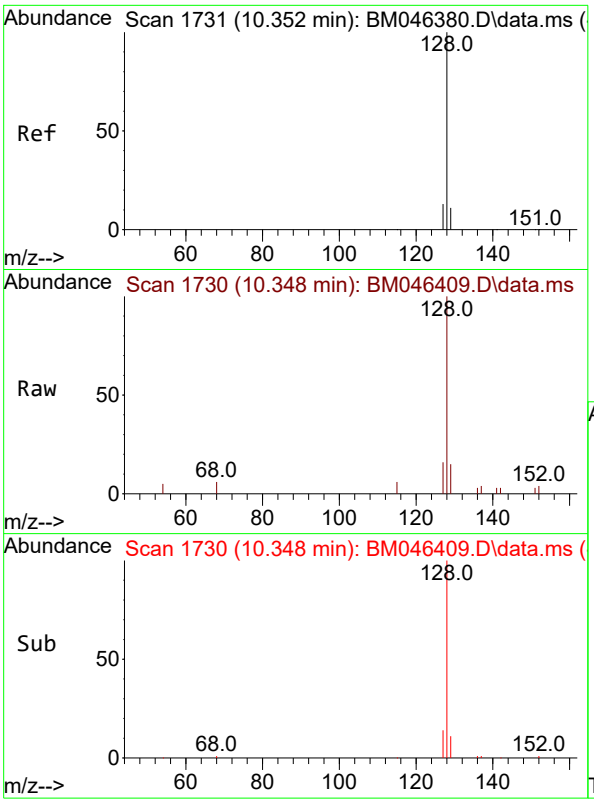
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046409.D
Acq On : 06 Jul 2024 08:29
Operator : MA/JU
Sample : P3010-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CW1

Quant Time: Jul 08 00:47:06 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



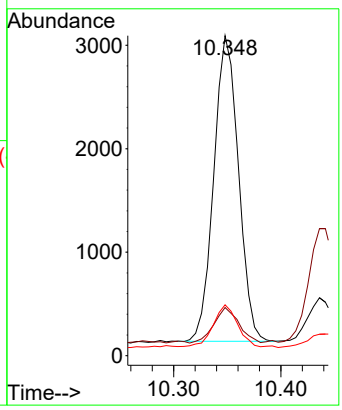


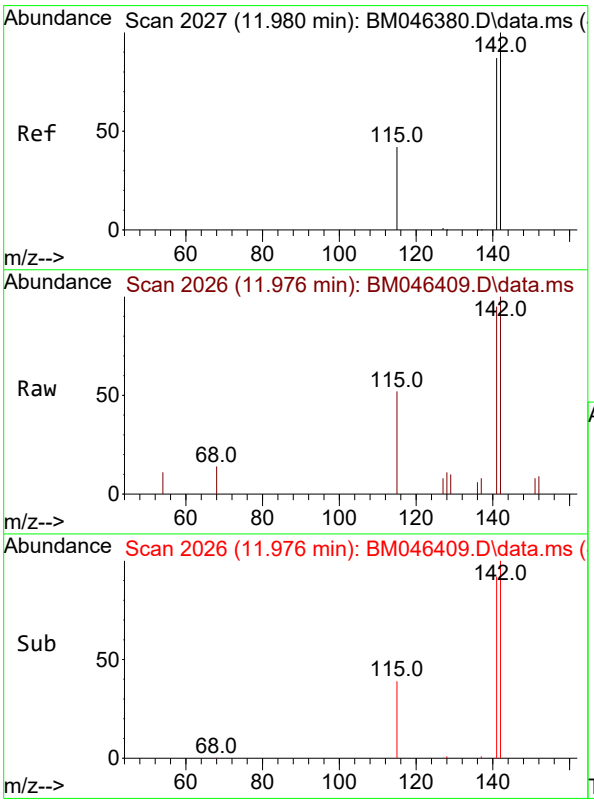
#5
Naphthalene
Concen: 0.063 ng/ul
RT: 10.348 min Scan# 1
Delta R.T. -0.004 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Instrument :
BNA_M
ClientSampleId :
A4CW1

Tgt Ion:128 Resp: 4711

Ion	Ratio	Lower	Upper
128	100		
129	15.1	9.4	14.0#
127	15.9	10.8	16.2

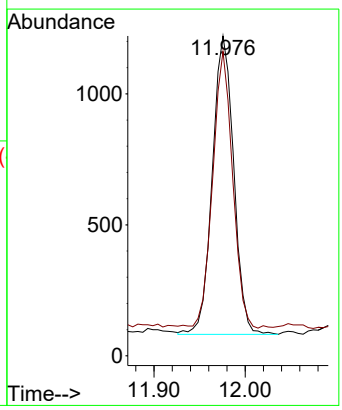


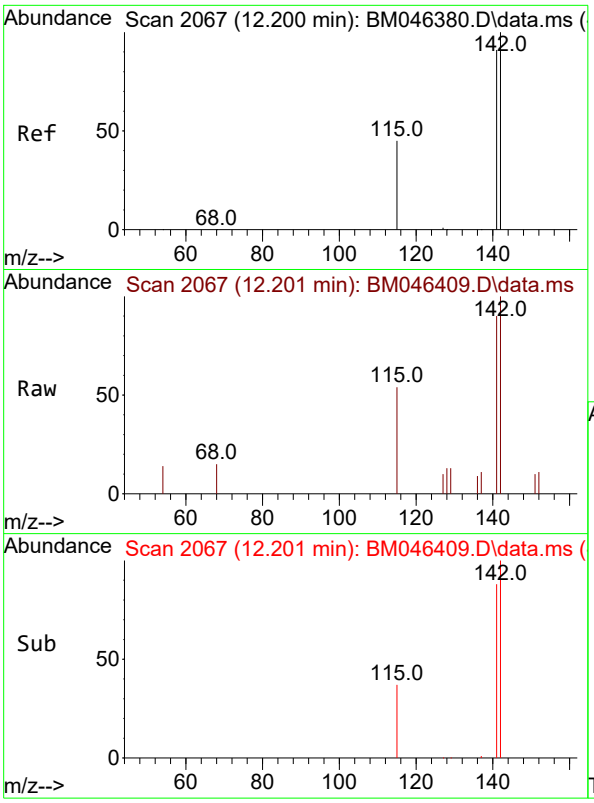


#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Tgt Ion:142 Resp: 1861

Ion	Ratio	Lower	Upper
142	100		
141	86.4	69.8	104.6



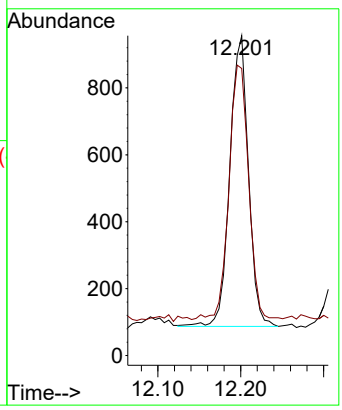


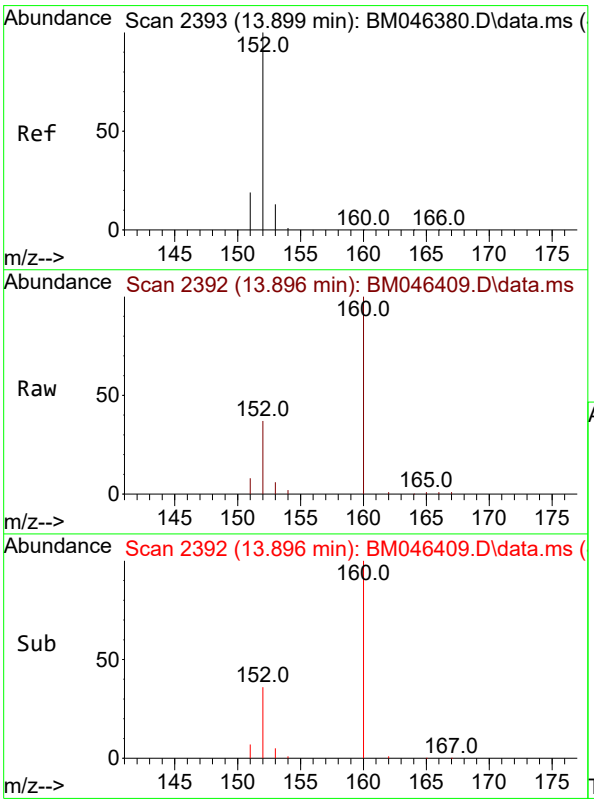
#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.201 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Instrument :
BNA_M
ClientSampleId :
A4CW1

Tgt Ion:142 Resp: 1363

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.4	108.6

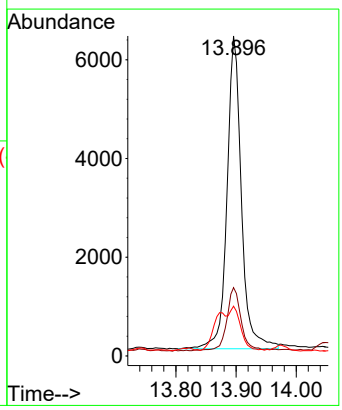


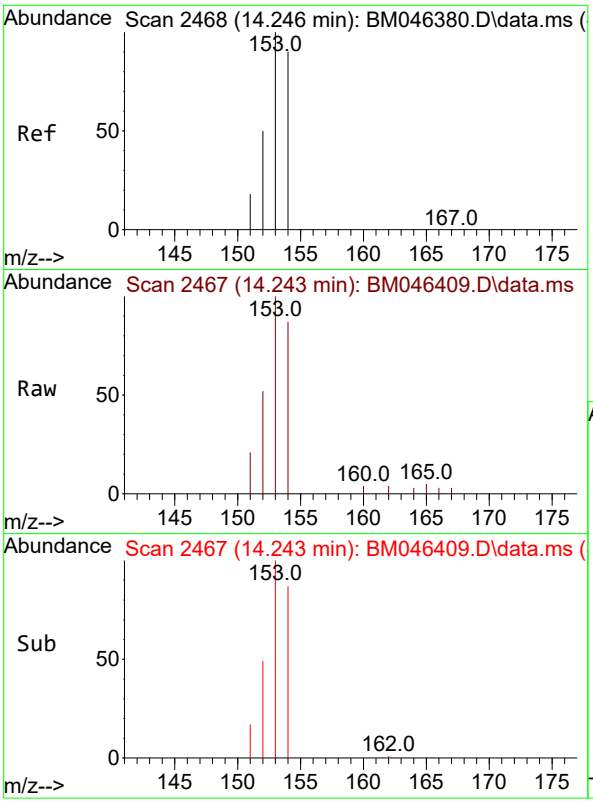


#10
Acenaphthylene
Concen: 0.128 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.003 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Tgt Ion:152 Resp: 10522

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.9	23.9
153	15.6	11.0	16.6



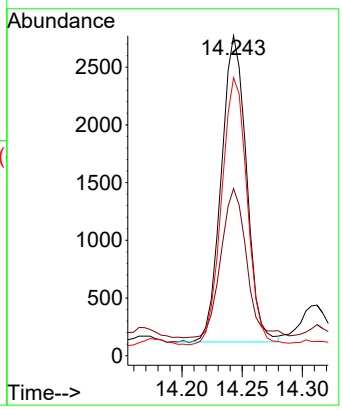


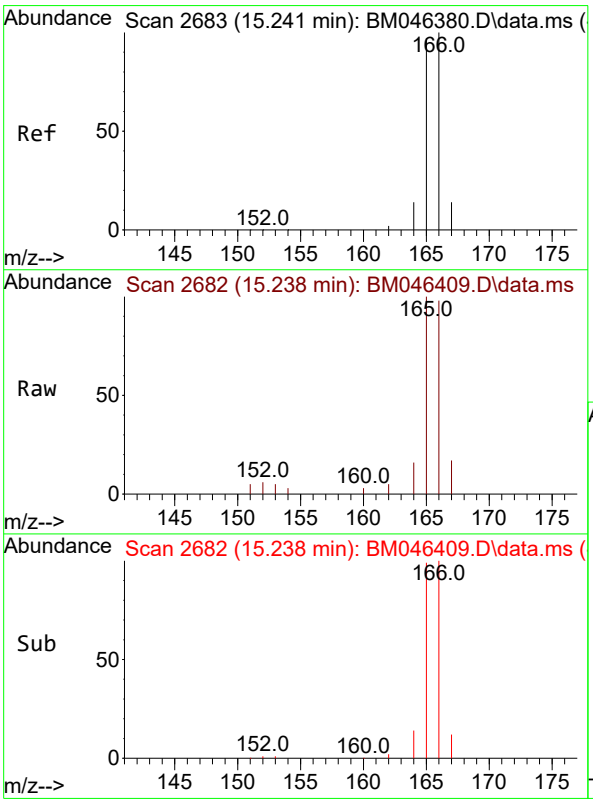
#11
Acenaphthene
Concen: 0.072 ng/ul
RT: 14.243 min Scan# 24
Delta R.T. -0.003 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Instrument :
BNA_M
ClientSampleId :
A4CW1

Tgt Ion:153 Resp: 3852

Ion	Ratio	Lower	Upper
153	100		
152	52.2	40.4	60.6
154	86.8	72.1	108.1

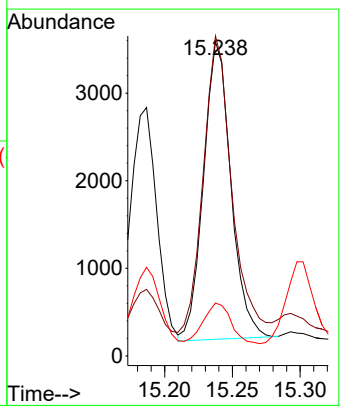


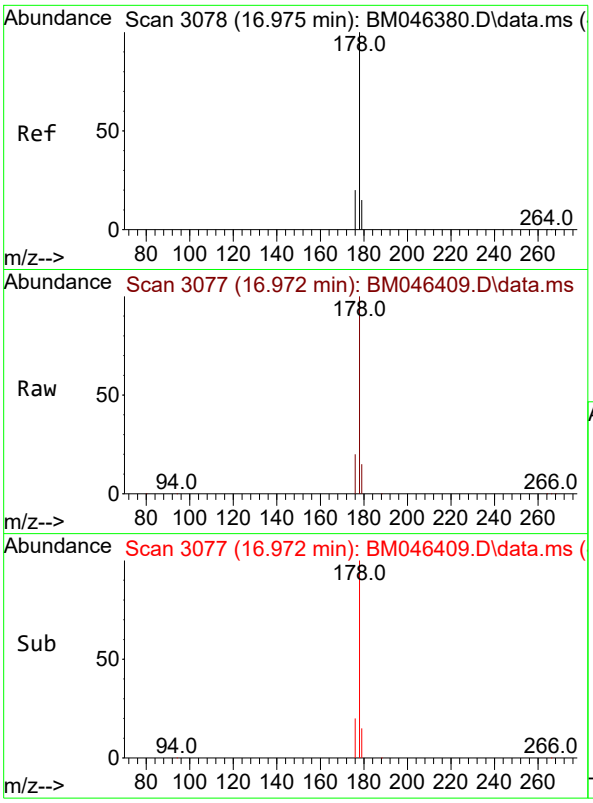


#12
Fluorene
Concen: 0.076 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.003 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Tgt Ion:166 Resp: 4780

Ion	Ratio	Lower	Upper
166	100		
165	101.8	78.0	117.0
167	16.8	11.4	17.0



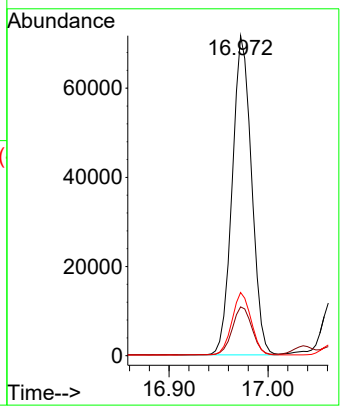


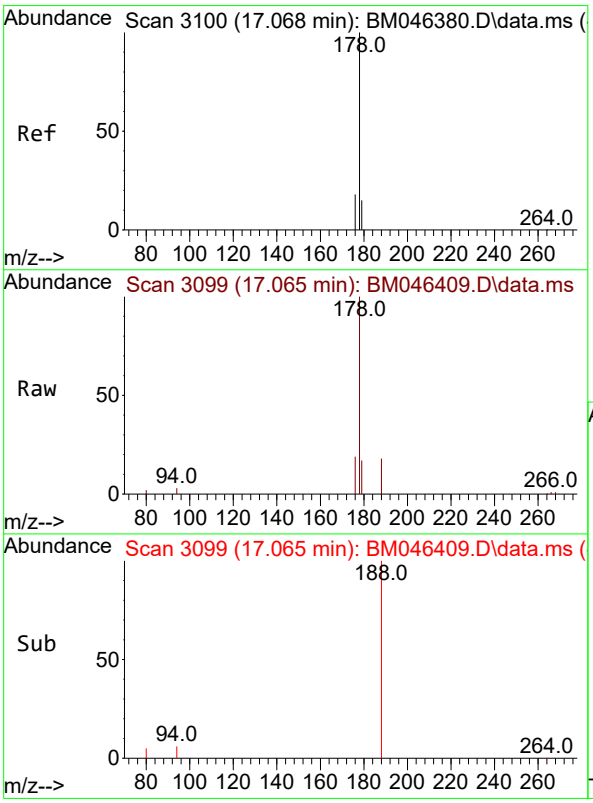
#15
Phenanthrene
Concen: 1.025 ng/ul
RT: 16.972 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Instrument :
BNA_M
ClientSampleId :
A4CW1

Tgt Ion:178 Resp: 97107

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.7	19.1
176	19.8	16.0	24.0

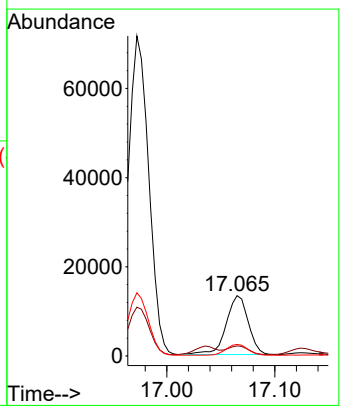


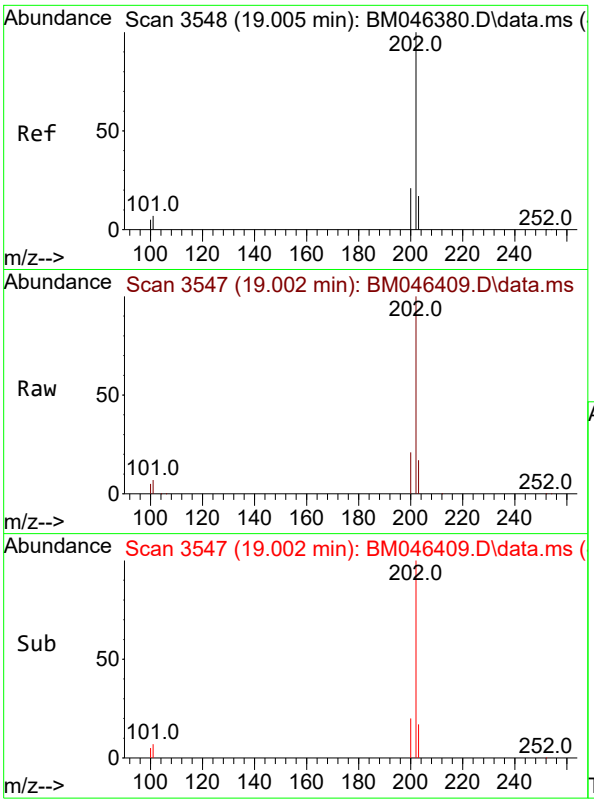


#16
Anthracene
Concen: 0.203 ng/ul
RT: 17.065 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Tgt Ion:178 Resp: 18659

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	18.8
176	19.1	14.9	22.3



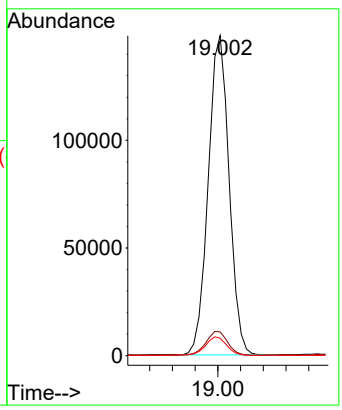


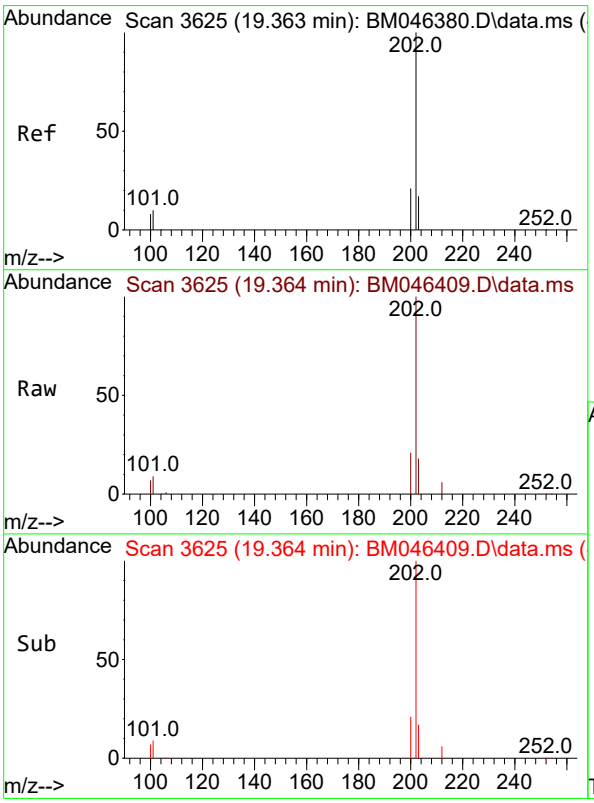
#19
Fluoranthene
Concen: 2.178 ng/ul
RT: 19.002 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Instrument :
BNA_M
ClientSampleId :
A4CW1

Tgt Ion:202 Resp: 188809

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.3	9.5
100	5.4	5.0	7.6

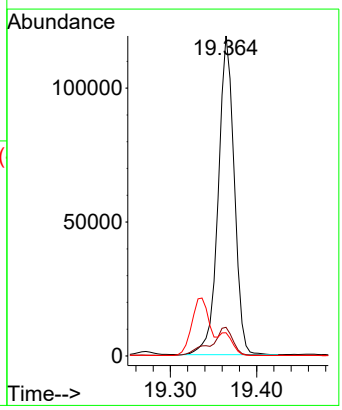


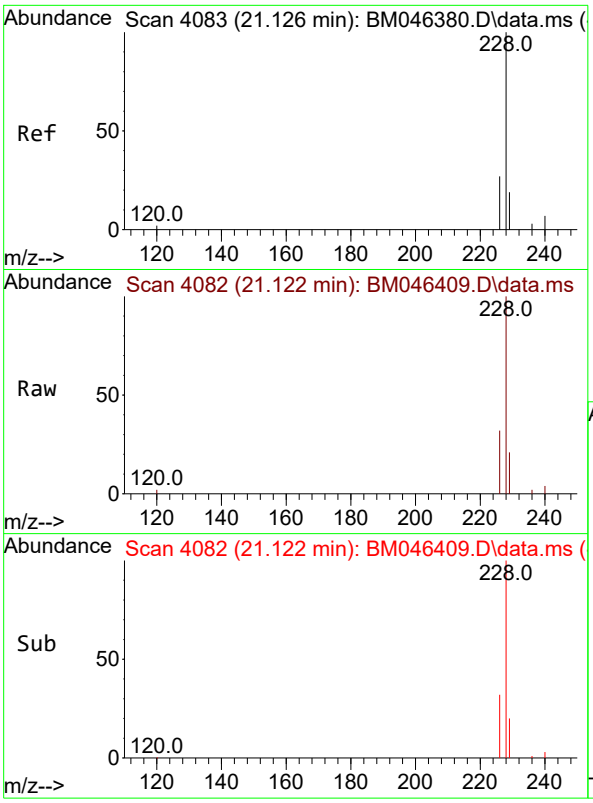


#20
Pyrene
Concen: 1.722 ng/ul
RT: 19.364 min Scan# 3625
Delta R.T. 0.001 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Tgt Ion:202 Resp: 153534

Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.2	12.4
100	7.3	6.9	10.3



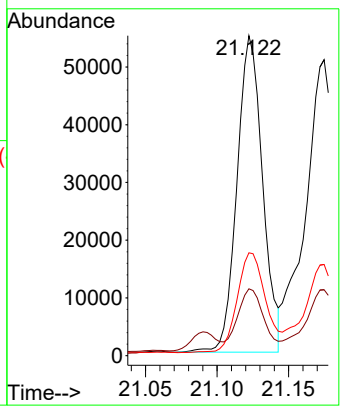


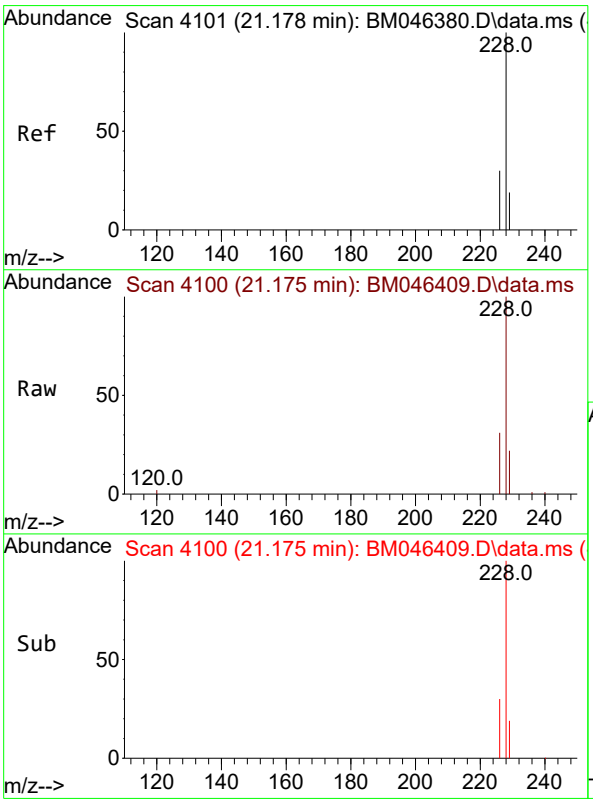
#21
Benzo(a)anthracene
Concen: 0.894 ng/ul
RT: 21.122 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Instrument :
BNA_M
ClientSampleId :
A4CW1

Tgt Ion:228 Resp: 68486

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	32.2	22.0	33.0

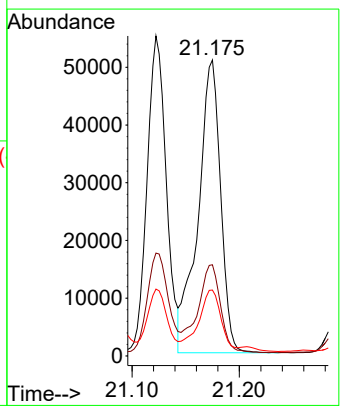


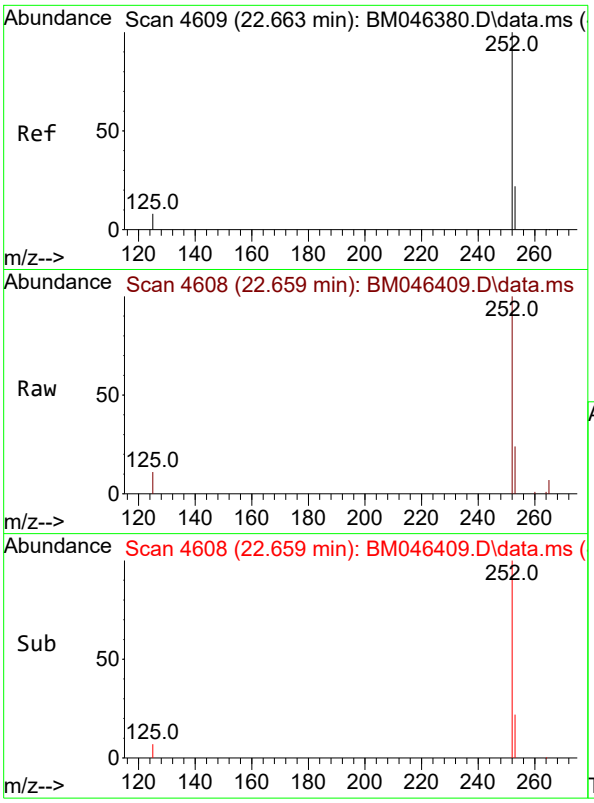


#22
Chrysene
Concen: 0.972 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Tgt Ion:228 Resp: 74006

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	22.3	15.8	23.6



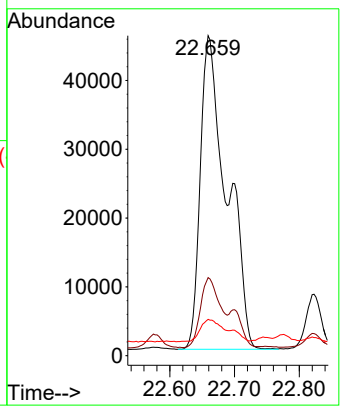


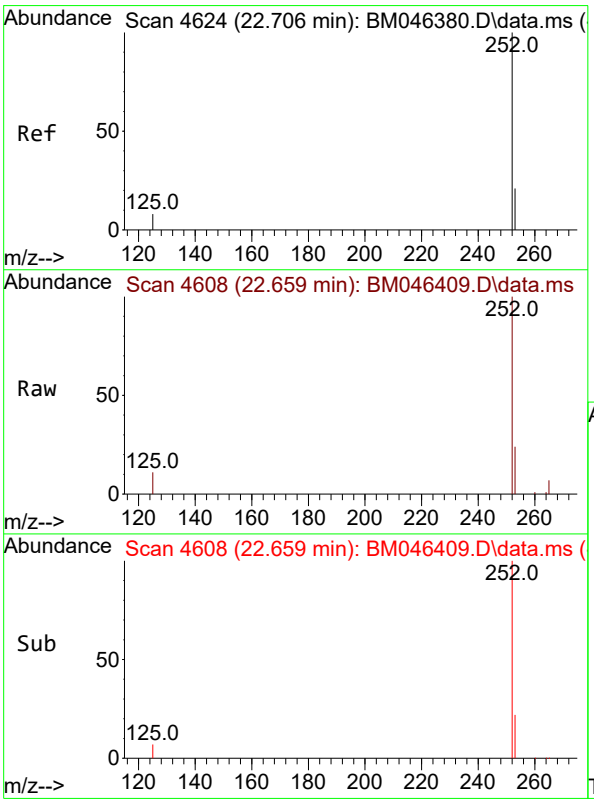
#24
Benzo(b)fluoranthene
Concen: 1.755 ng/ul
RT: 22.659 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Instrument :
BNA_M
ClientSampleId :
A4CW1

Tgt Ion:252 Resp: 129440

Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	47.0
125	11.4	0.0	18.4

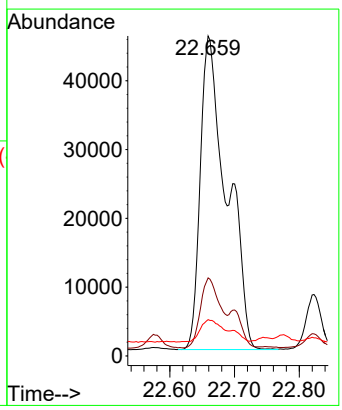


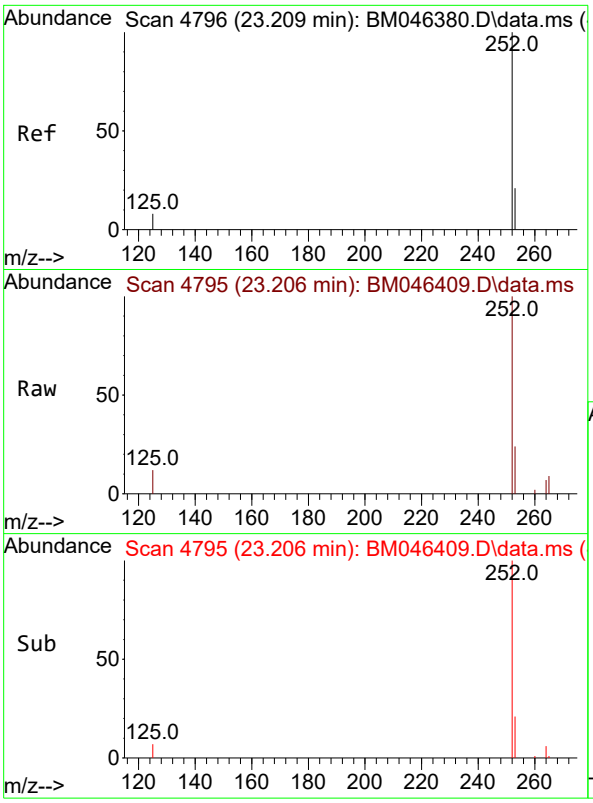


#25
Benzo(k)fluoranthene
Concen: 1.739 ng/ul
RT: 22.659 min Scan# 4608
Delta R.T. -0.047 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Tgt Ion:252 Resp: 129440

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.4	27.6
125	11.4	7.5	11.3#



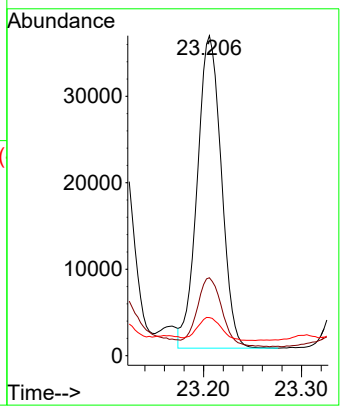


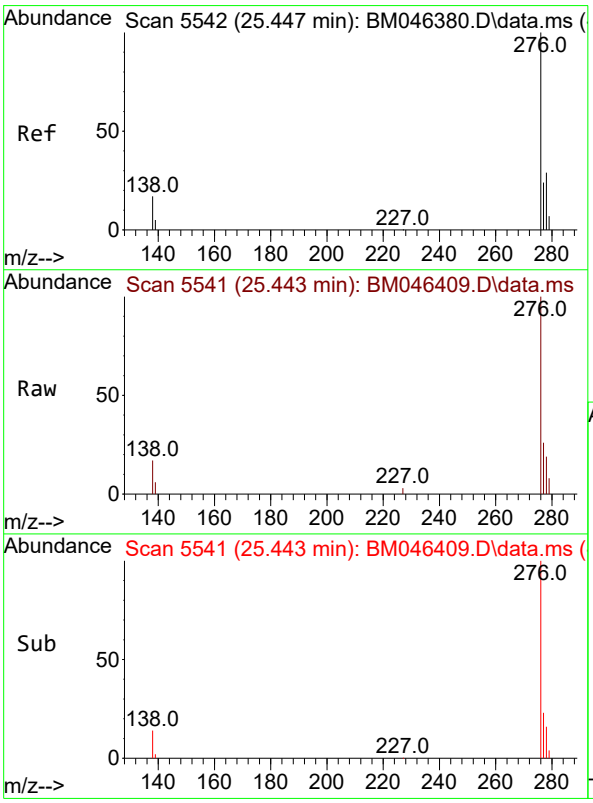
#26
Benzo(a)pyrene
Concen: 1.056 ng/ul
RT: 23.206 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Instrument :
BNA_M
ClientSampleId :
A4CW1

Tgt Ion:252 Resp: 61560

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.9	28.3
125	11.9	8.1	12.1

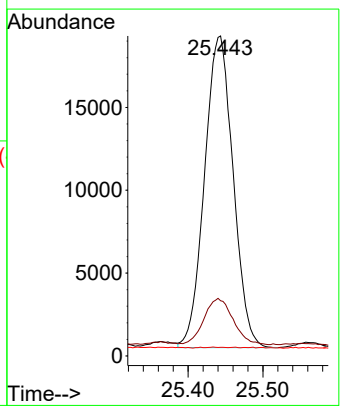


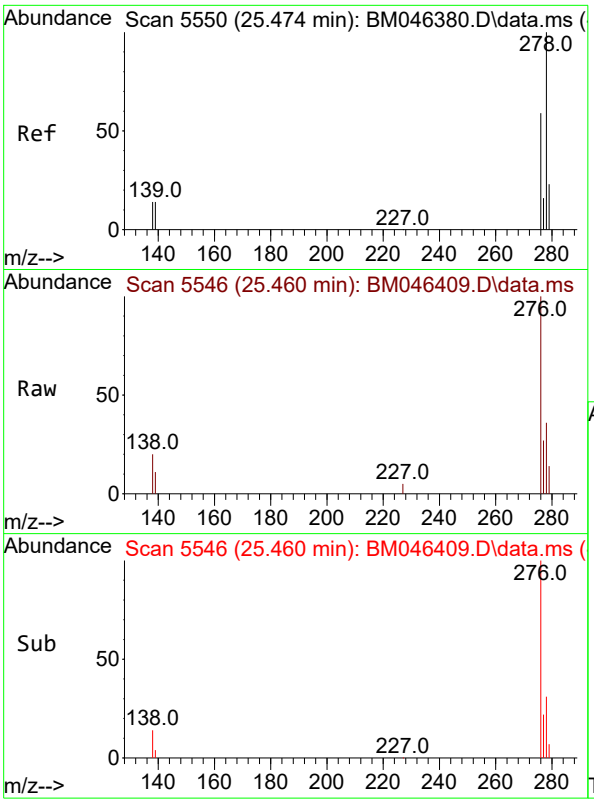


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.635 ng/ul
RT: 25.443 min Scan# 5541
Delta R.T. -0.004 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Tgt Ion:276 Resp: 49996

Ion	Ratio	Lower	Upper
276	100		
138	15.0	15.7	23.5#
227	0.1	0.1	0.1#



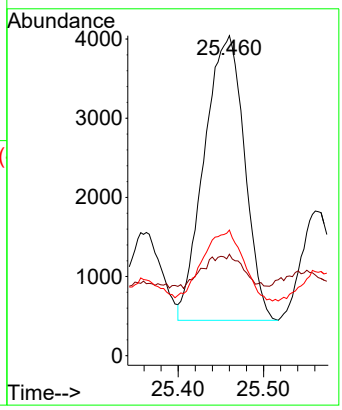


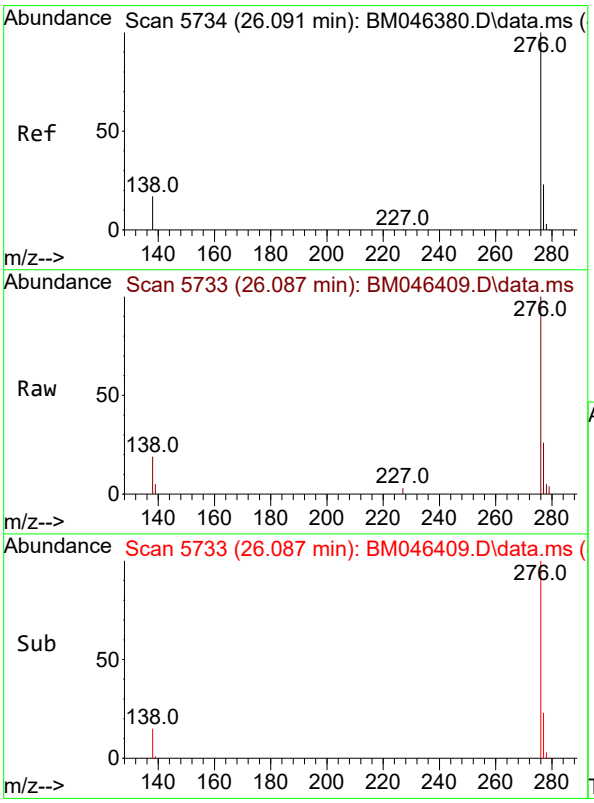
#28
Dibenzo(a,h)anthracene
Concen: 0.193 ng/ul
RT: 25.460 min Scan# 5
Delta R.T. -0.014 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Instrument :
BNA_M
ClientSampleId :
A4CW1

Tgt Ion:278 Resp: 11757

Ion	Ratio	Lower	Upper
278	100		
139	31.7	12.6	18.8#
279	39.3	20.7	31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.801 ng/ul
RT: 26.087 min Scan# 5733
Delta R.T. -0.004 min
Lab File: BM046409.D
Acq: 06 Jul 2024 08:29

Tgt Ion:276 Resp: 50275

Ion	Ratio	Lower	Upper
276	100		
138	18.5	15.4	23.0
277	26.1	19.7	29.5