Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046871.D
Acq On : 27 Jul 2024 17:05
Operator : MA/JU
Sample : P3263-13
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CG7

Quant Time: Jul 28 23:31:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	3862	0.400	ng/ul	0.00
4) Naphthalene-d8	10.220	136	10747	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.108	164	6192	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.866	188	11888	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.079	240	7890	0.400	ng/ul	# 0.00
23) Perylene-d12	23.209	264	9298	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.092	96	8390	3.103	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.821	152	3941	0.231	ng/ul	0.00
18) Fluoranthene-d10	18.908	212	6412	0.250	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.270	128	2829	0.104	ng/ul#	94
7) 2-Methylnaphthalene	11.892	142	1358	0.073	ng/ul	97
8) 1-Methylnaphthalene	12.118	142	826	0.043	ng/ul	97
10) Acenaphthylene	13.825	152	4640	0.164	ng/ul	94
11) Acenaphthene	14.172	153	606	0.031	ng/ul#	84
12) Fluorene	15.176	166	1995	0.083	ng/ul#	82
15) Phenanthrene	16.908	178	18191	0.532	ng/ul	99
16) Anthracene	16.996	178	5336	0.168	ng/ul#	79
19) Fluoranthene	18.936	202	38314	1.106	ng/ul	98
20) Pyrene	19.303	202	33297	0.929	ng/ul	97
21) Benzo(a)anthracene	21.064	228	16169	0.492	ng/ul#	87
22) Chrysene	21.114	228	21623	0.647	ng/ul#	93
24) Benzo(b)fluoranthene	22.581	252	40849	1.001	ng/ul#	90
25) Benzo(k)fluoranthene	22.581	252	40849	0.993	ng/ul#	93
26) Benzo(a)pyrene	23.119	252	16836	0.574	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.313	276	16440	0.365	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.327	278	4003	0.121	ng/ul#	12
29) Benzo(g,h,i)perylene	25.957	276	16924	0.426	ng/ul#	87

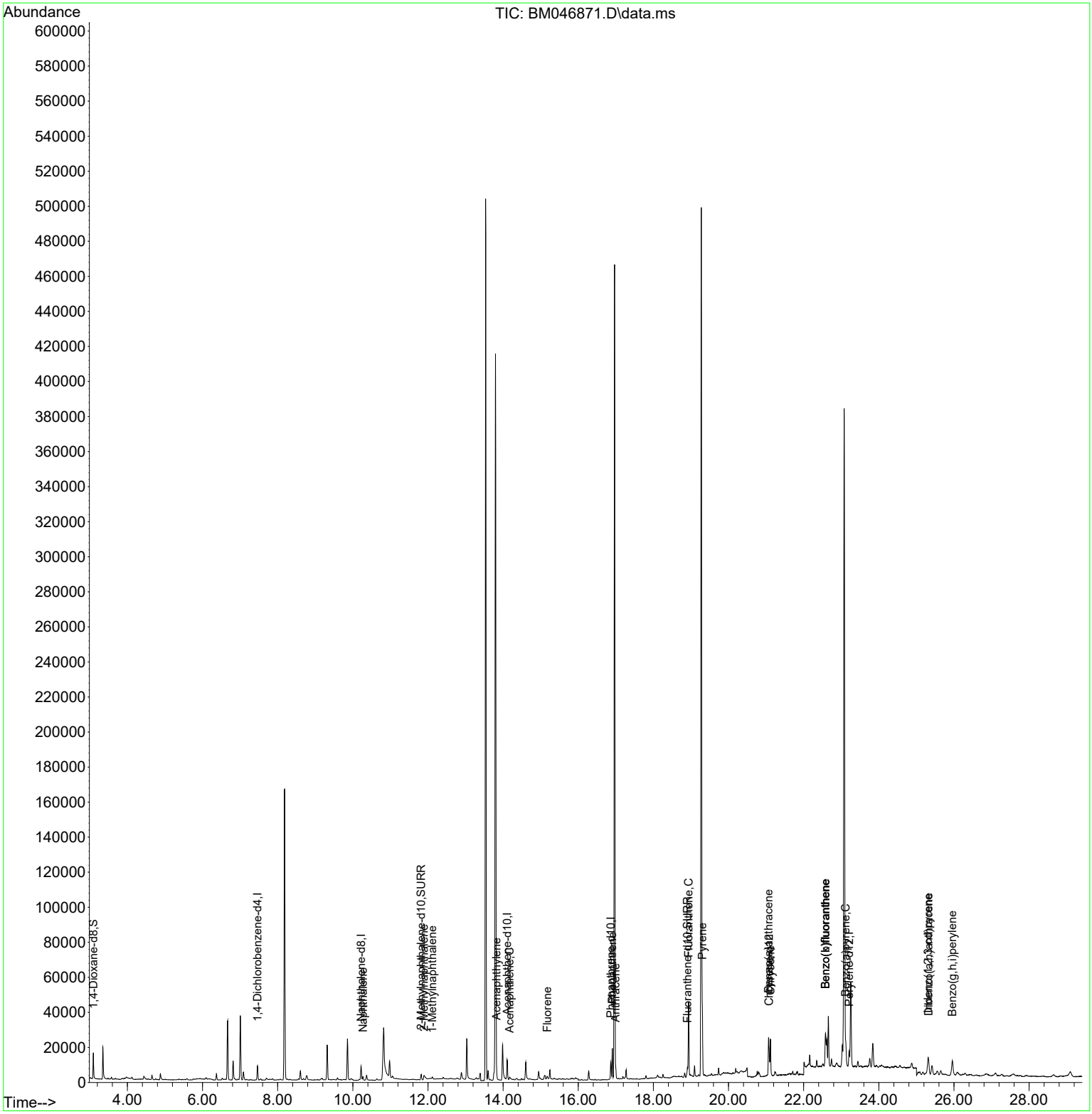
(#) = qualifier out of range (m) = manual integration (+) = signals summed

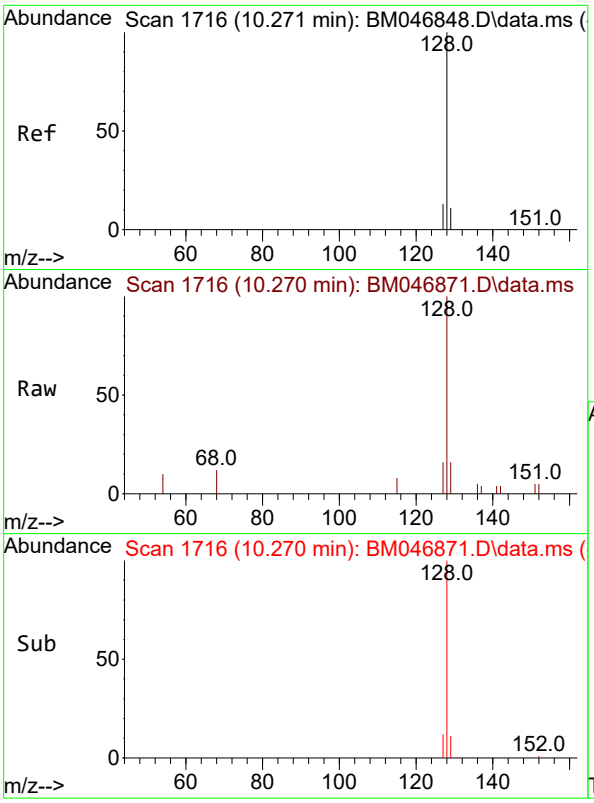
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046871.D
Acq On : 27 Jul 2024 17:05
Operator : MA/JU
Sample : P3263-13
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CG7

Quant Time: Jul 28 23:31:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration



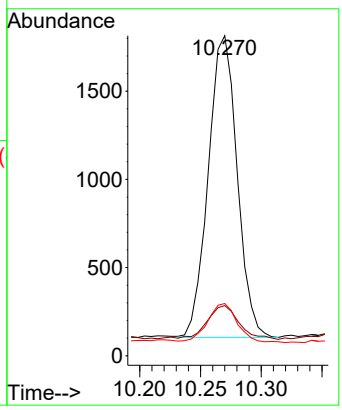


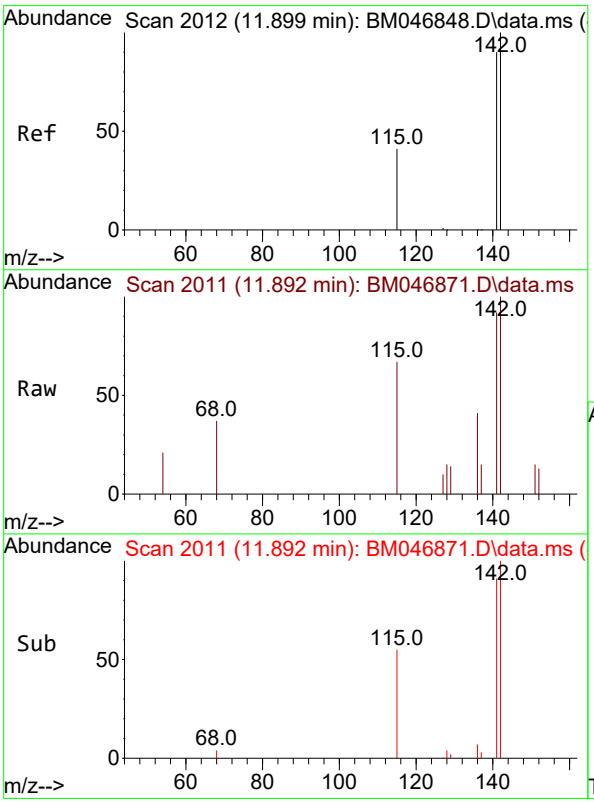
#5
Naphthalene
Concen: 0.104 ng/ul
RT: 10.270 min Scan# 1
Delta R.T. -0.007 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Instrument :
BNA_M
ClientSampleId :
A4CG7

Tgt Ion:128 Resp: 2829

Ion	Ratio	Lower	Upper
128	100		
129	15.6	10.1	15.1#
127	16.3	11.5	17.3

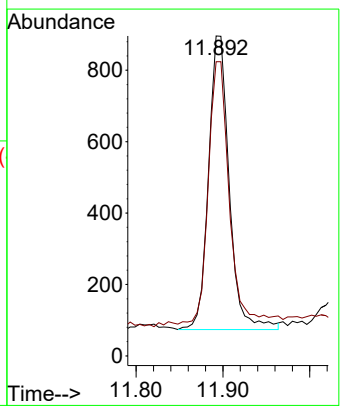


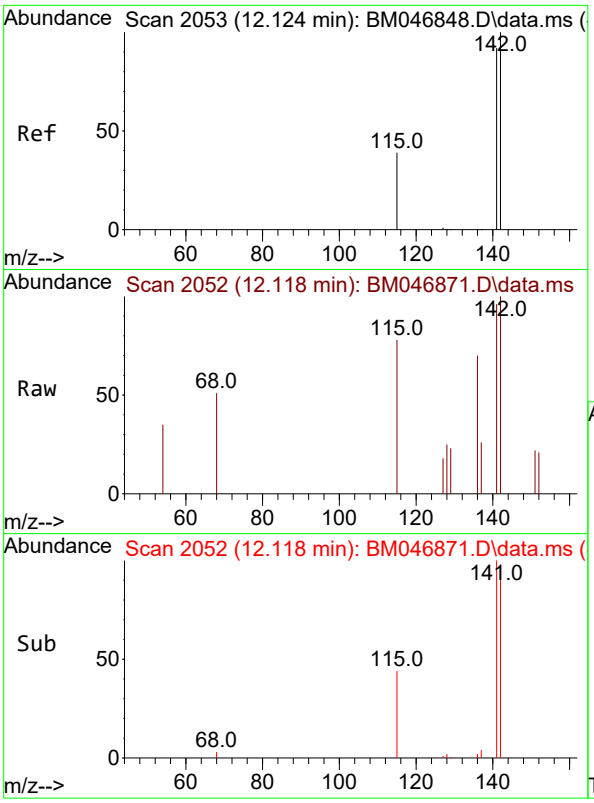


#7
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 11.892 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Tgt Ion:142 Resp: 1358

Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.5	105.7



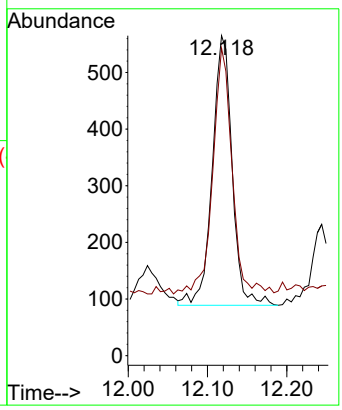


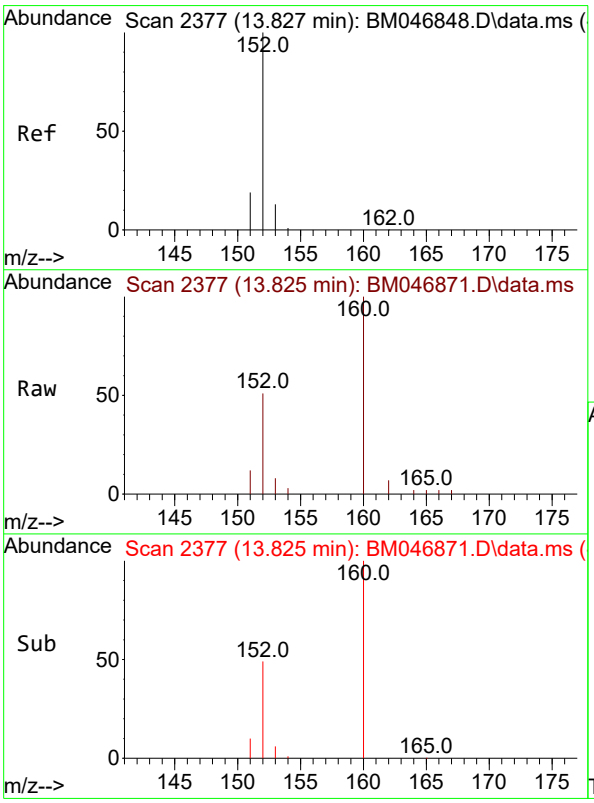
#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.118 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Instrument :
BNA_M
ClientSampleId :
A4CG7

Tgt Ion:142 Resp: 826

Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.1	109.7

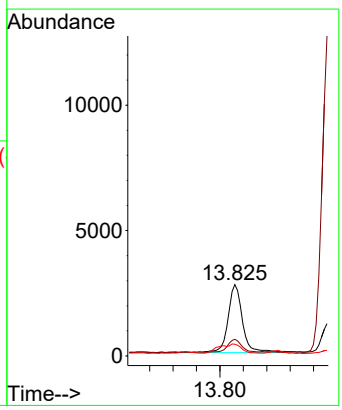


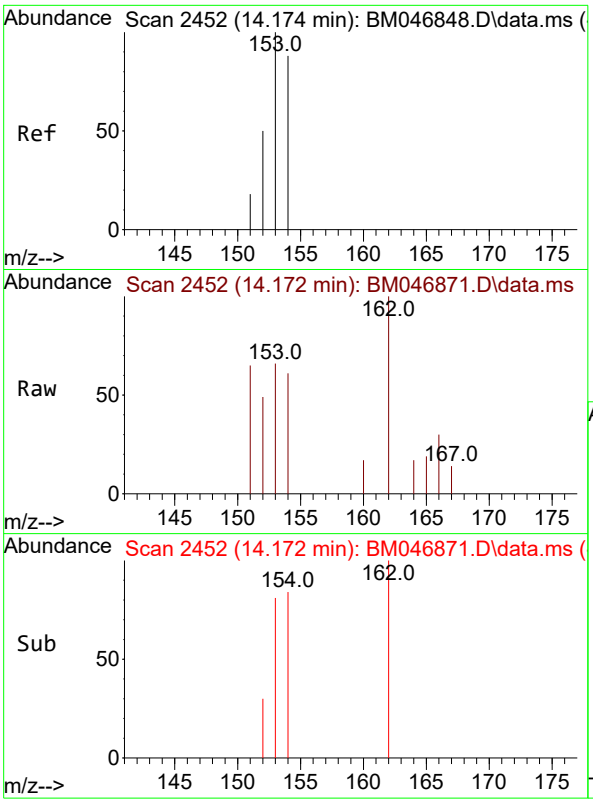


#10
Acenaphthylene
Concen: 0.164 ng/ul
RT: 13.825 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Tgt Ion:152 Resp: 4640

Ion	Ratio	Lower	Upper
152	100		
151	23.4	16.8	25.2
153	16.5	11.0	16.6



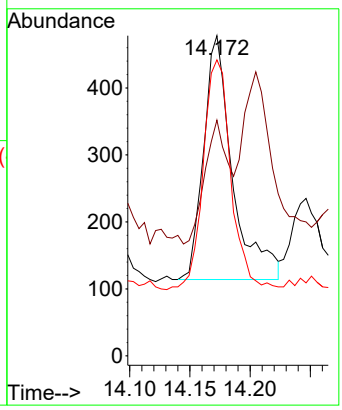


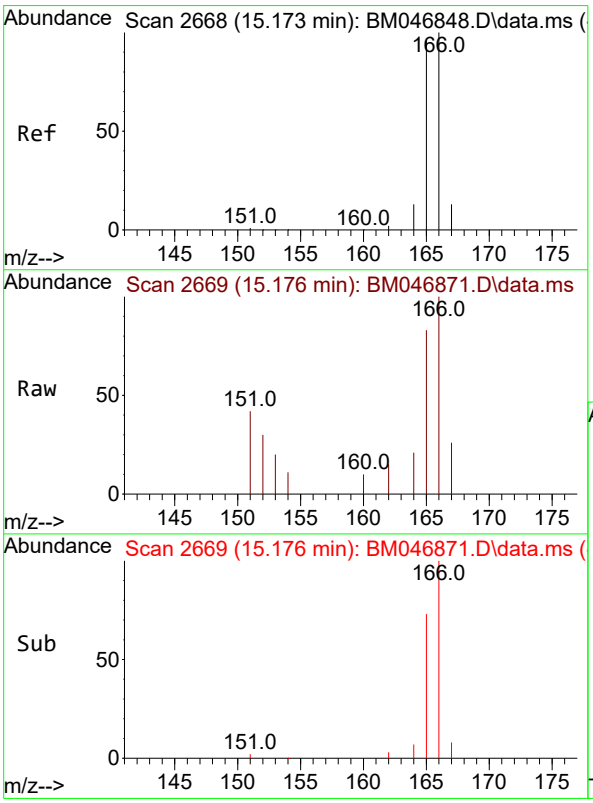
#11
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.172 min Scan# 24
Delta R.T. -0.010 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Instrument :
BNA_M
ClientSampleId :
A4CG7

Tgt Ion:153 Resp: 606

Ion	Ratio	Lower	Upper
153	100		
152	73.6	38.6	57.8#
154	92.5	70.8	106.2

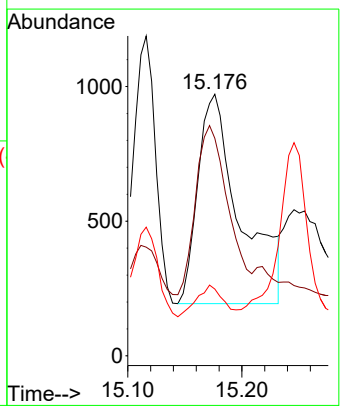


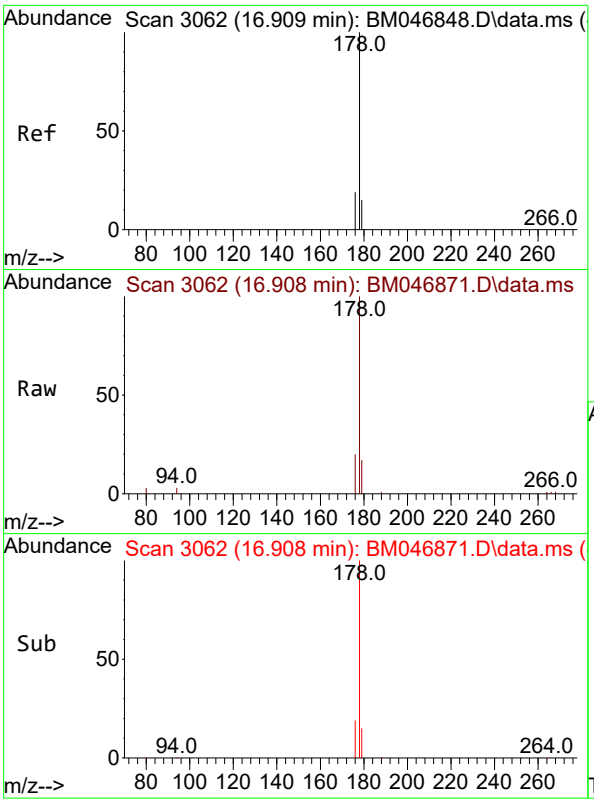


#12
Fluorene
Concen: 0.083 ng/ul
RT: 15.176 min Scan# 2669
Delta R.T. -0.001 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Tgt Ion:166 Resp: 1995

Ion	Ratio	Lower	Upper
166	100		
165	83.1	79.8	119.6
167	25.5	12.3	18.5#



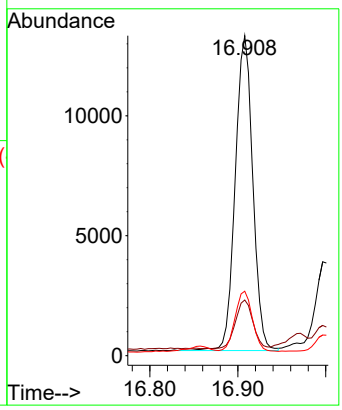


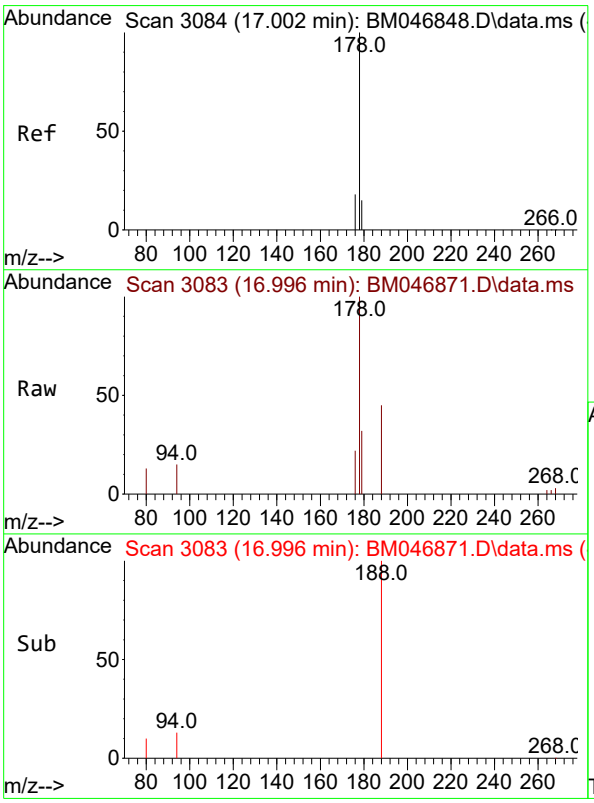
#15
Phenanthrene
Concen: 0.532 ng/ul
RT: 16.908 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Instrument :
BNA_M
ClientSampleId :
A4CG7

Tgt Ion:178 Resp: 18191

Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.4	20.2
176	20.2	16.1	24.1

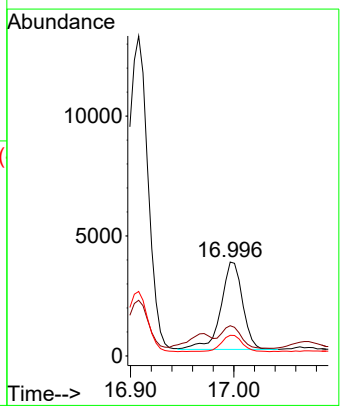


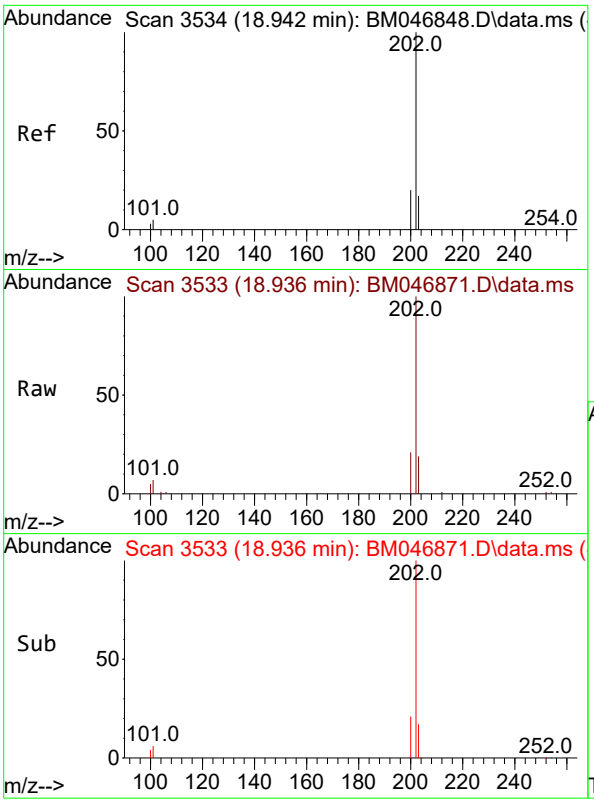


#16
Anthracene
Concen: 0.168 ng/ul
RT: 16.996 min Scan# 3083
Delta R.T. -0.010 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Tgt Ion:178 Resp: 5336

Ion	Ratio	Lower	Upper
178	100		
179	32.3	13.1	19.7#
176	22.0	15.0	22.6



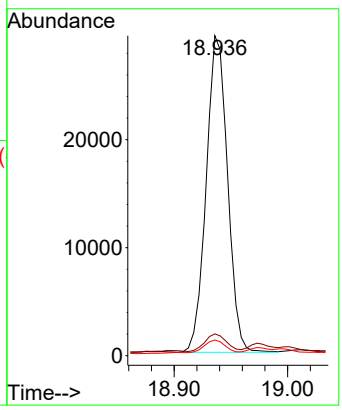


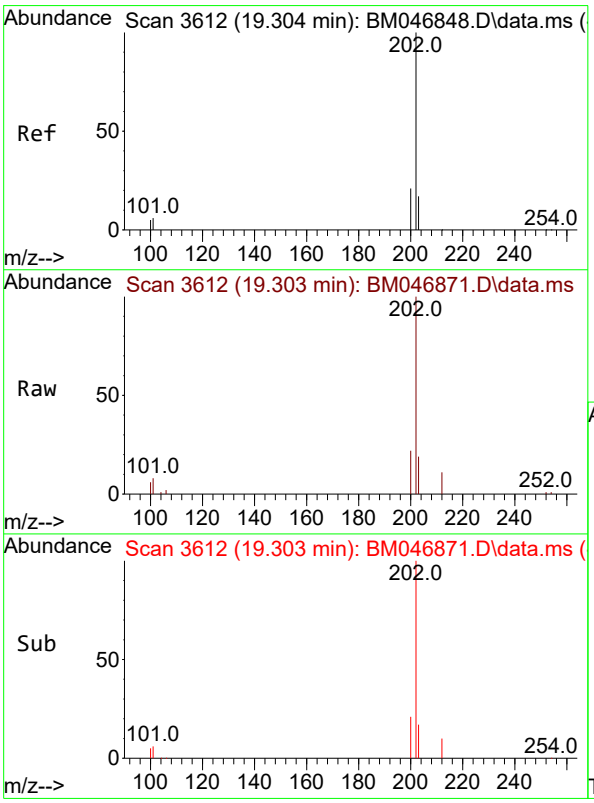
#19
Fluoranthene
Concen: 1.106 ng/ul
RT: 18.936 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Instrument :
BNA_M
ClientSampleId :
A4CG7

Tgt Ion:202 Resp: 38314

Ion	Ratio	Lower	Upper
202	100		
101	6.8	4.7	7.1
100	4.9	3.4	5.2

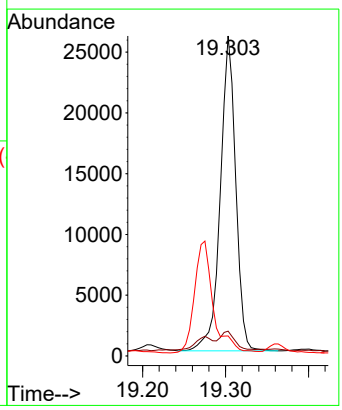


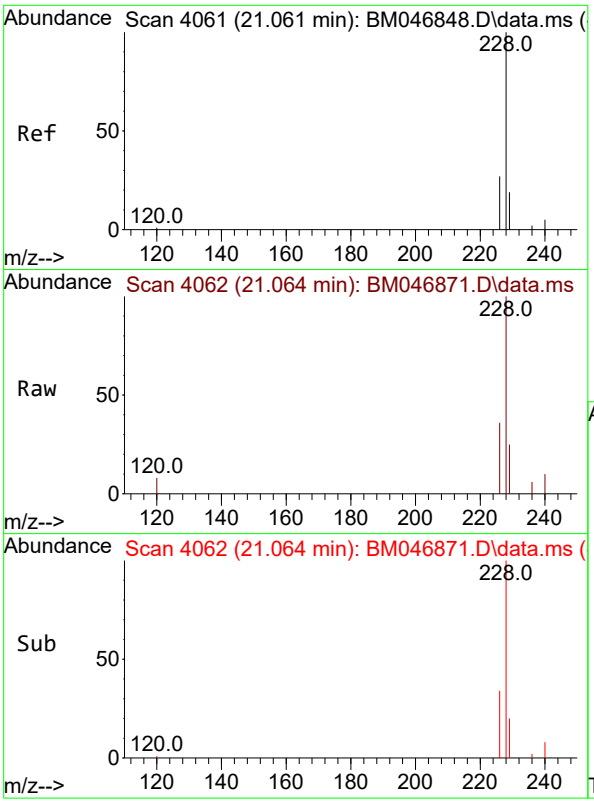


#20
Pyrene
Concen: 0.929 ng/ul
RT: 19.303 min Scan# 3612
Delta R.T. -0.001 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Tgt Ion:202 Resp: 33297

Ion	Ratio	Lower	Upper
202	100		
101	7.8	5.2	7.8
100	6.2	4.3	6.5



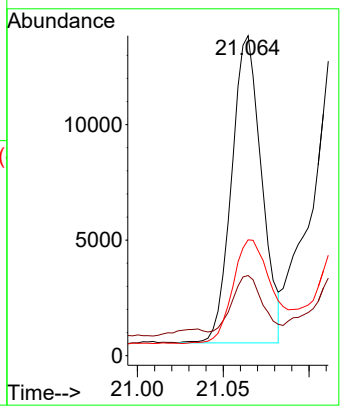


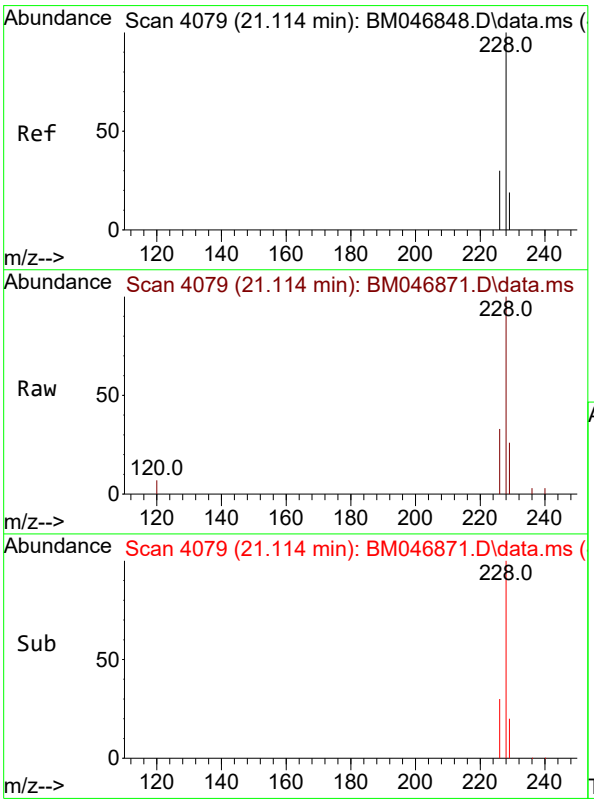
#21
Benzo(a)anthracene
Concen: 0.492 ng/ul
RT: 21.064 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Instrument :
BNA_M
ClientSampleId :
A4CG7

Tgt Ion:228 Resp: 16169

Ion	Ratio	Lower	Upper
228	100		
229	25.1	16.3	24.5#
226	36.2	22.3	33.5#

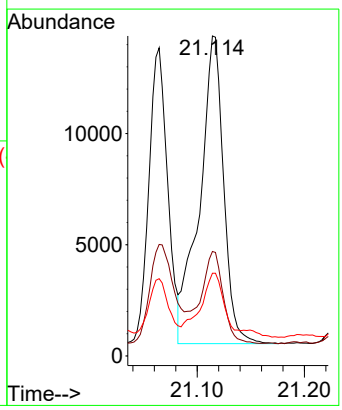


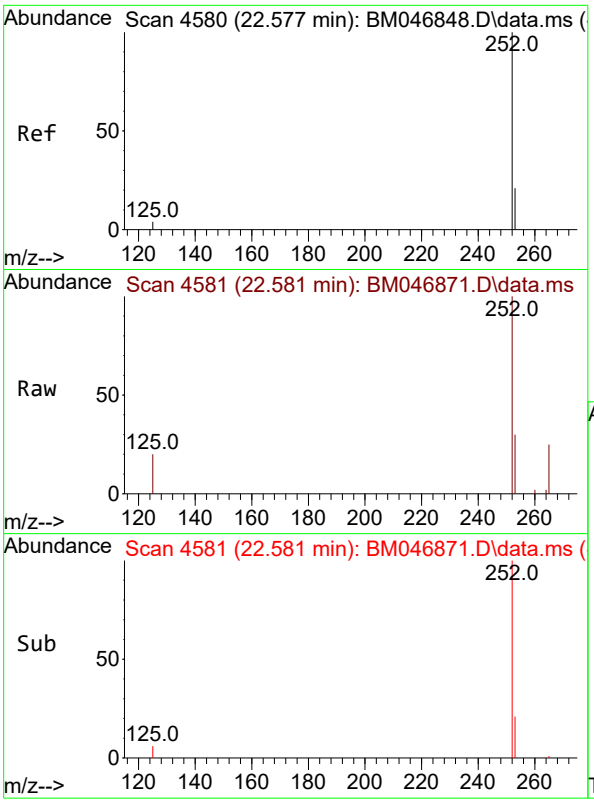


#22
Chrysene
Concen: 0.647 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.002 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Tgt Ion:228 Resp: 21623

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.5	36.7
229	25.9	16.2	24.2#



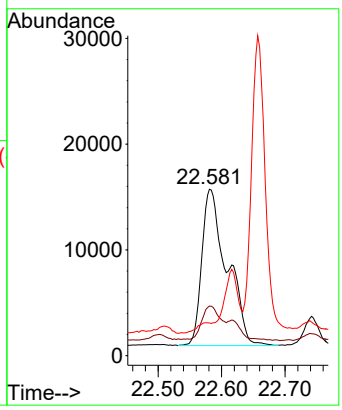


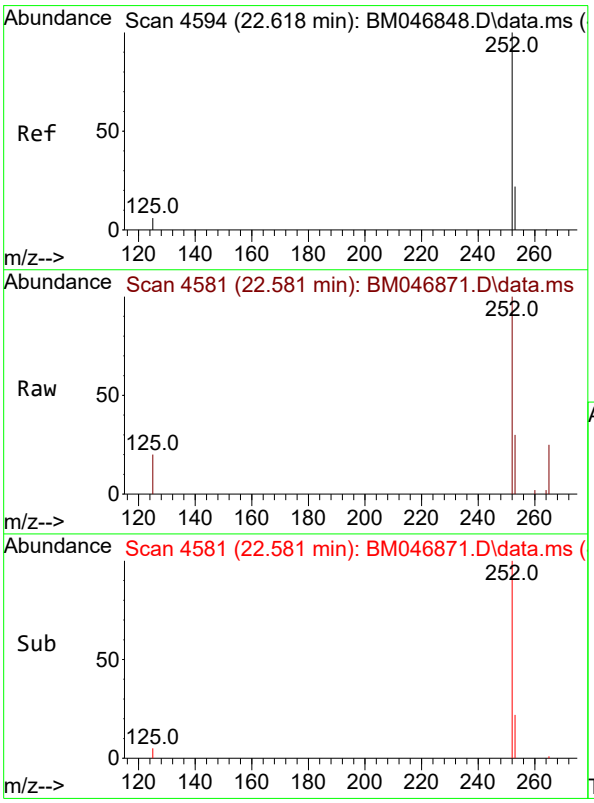
#24
Benzo(b)fluoranthene
Concen: 1.001 ng/ul
RT: 22.581 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Instrument :
BNA_M
ClientSampleId :
A4CG7

Tgt Ion:252 Resp: 40849

Ion	Ratio	Lower	Upper
252	100		
253	29.8	0.0	56.4
125	19.7	0.0	15.8#

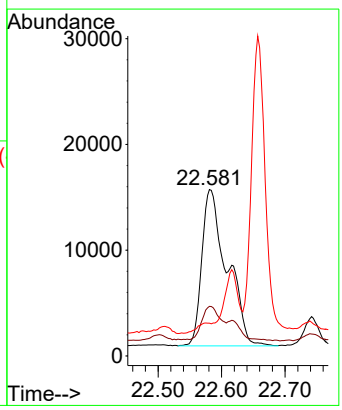


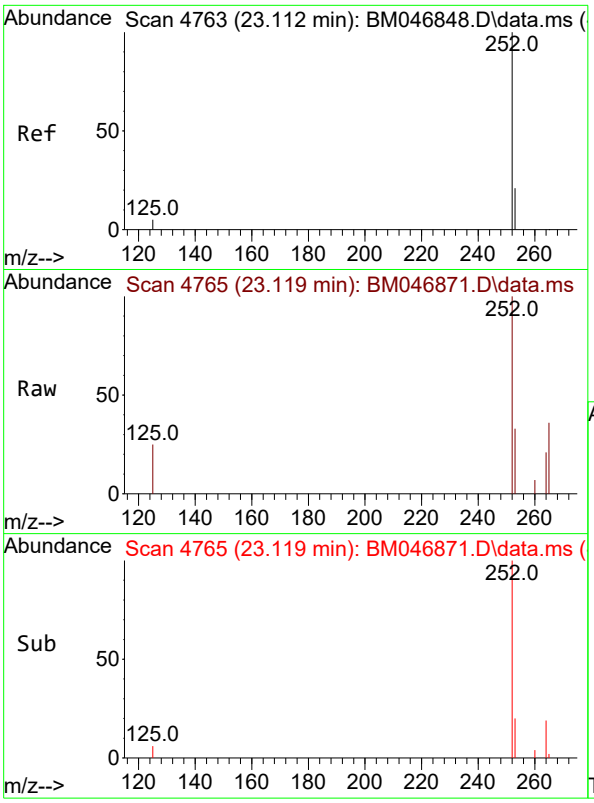


#25
Benzo(k)fluoranthene
Concen: 0.993 ng/ul
RT: 22.581 min Scan# 4581
Delta R.T. -0.040 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Tgt Ion:252 Resp: 40849

Ion	Ratio	Lower	Upper
252	100		
253	29.8	23.5	35.3
125	19.7	8.6	13.0#



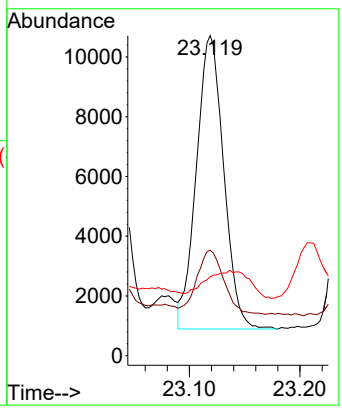


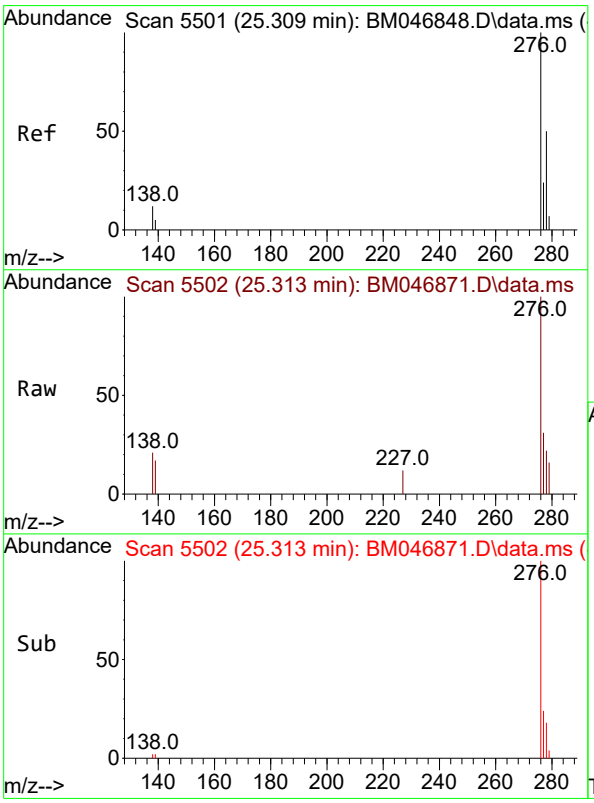
#26
Benzo(a)pyrene
Concen: 0.574 ng/ul
RT: 23.119 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Instrument :
BNA_M
ClientSampleId :
A4CG7

Tgt Ion:252 Resp: 16836

Ion	Ratio	Lower	Upper
252	100		
253	33.0	26.0	39.0
125	24.7	7.8	11.8#

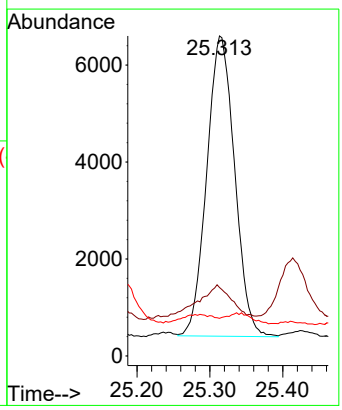


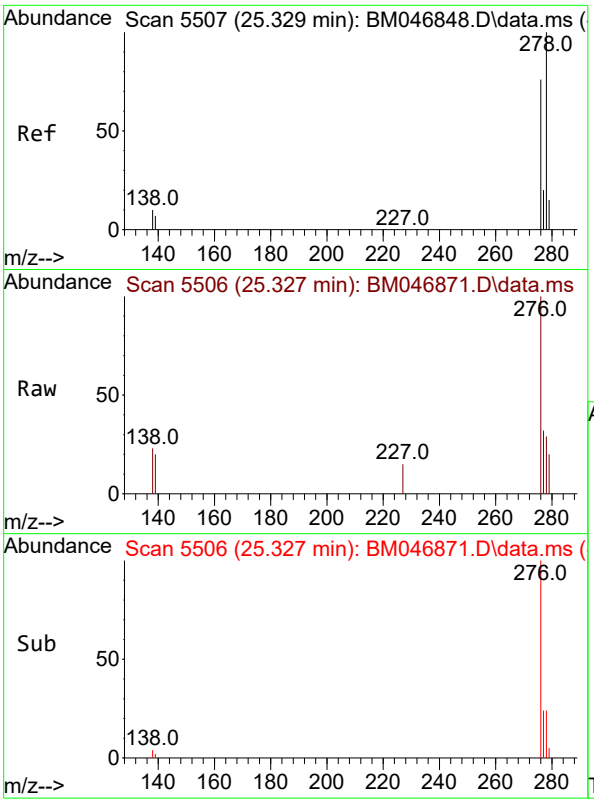


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 25.313 min Scan# 5502
Delta R.T. -0.003 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Tgt Ion:276 Resp: 16440

Ion	Ratio	Lower	Upper
276	100		
138	13.8	9.7	14.5
227	0.0	0.2	0.2#



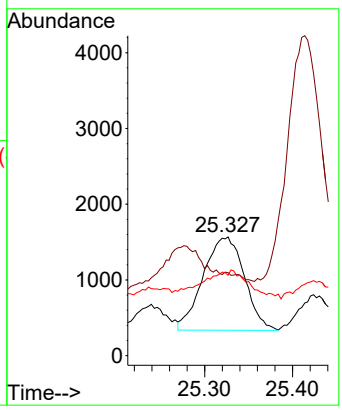


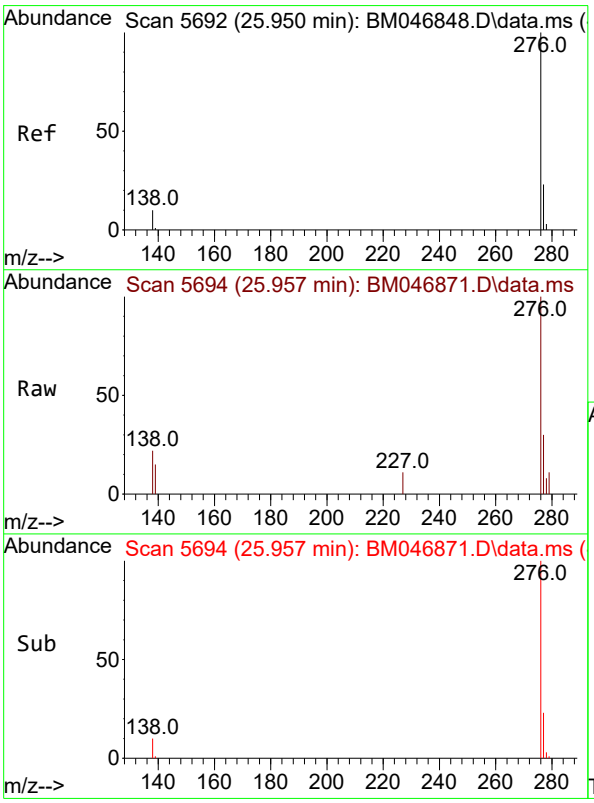
#28
Dibenzo(a,h)anthracene
Concen: 0.121 ng/ul
RT: 25.327 min Scan# 5
Delta R.T. -0.006 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Instrument :
BNA_M
ClientSampleId :
A4CG7

Tgt Ion:278 Resp: 4003

Ion	Ratio	Lower	Upper
278	100		
139	69.9	9.8	14.8#
279	67.8	25.2	37.8#





#29
Benzo(g,h,i)perylene
Concen: 0.426 ng/ul
RT: 25.957 min Scan# 5694
Delta R.T. 0.004 min
Lab File: BM046871.D
Acq: 27 Jul 2024 17:05

Tgt Ion:276 Resp: 16924

Ion	Ratio	Lower	Upper
276	100		
138	22.5	9.5	14.3#
277	29.6	20.9	31.3