Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046890.D
Acq On : 29 Jul 2024 19:08
Operator : MA/JU
Sample : P3263-15DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CK3DL

Quant Time: Jul 30 00:01:55 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	7.459	152	3854	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.211	136	10846	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	6663	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.863	188	13410	0.400	ng/ul	0.00
17) Chrysene-d12	21.079	240	9321	0.400	ng/ul	# 0.00
23) Perylene-d12	23.206	264	9713	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.088	96	1757	0.651	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	849	0.049	ng/ul	-0.01
18) Fluoranthene-d10	18.905	212	1694	0.056	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.266	128	2771	0.101	ng/ul#	94
7) 2-Methylnaphthalene	11.893	142	867	0.046	ng/ul	99
8) 1-Methylnaphthalene	12.113	142	600	0.031	ng/ul	98
10) Acenaphthylene	13.822	152	3915	0.128	ng/ul	96
11) Acenaphthene	14.169	153	1913	0.092	ng/ul	97
12) Fluorene	15.164	166	2241	0.087	ng/ul#	98
15) Phenanthrene	16.905	178	46251	1.200	ng/ul	98
16) Anthracene	16.994	178	9630	0.268	ng/ul	97
19) Fluoranthene	18.937	202	89570	2.188	ng/ul	99
20) Pyrene	19.300	202	61597	1.455	ng/ul	99
21) Benzo(a)anthracene	21.061	228	37505	0.966	ng/ul	98
22) Chrysene	21.114	228	40583	1.029	ng/ul	98
24) Benzo(b)fluoranthene	22.580	252	71176	1.669	ng/ul	96
25) Benzo(k)fluoranthene	22.580	252	71176	1.656	ng/ul	93
26) Benzo(a)pyrene	23.113	252	17647	0.576	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.306	276	18087	0.384	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.319	278	6257	0.181	ng/ul#	75
29) Benzo(g,h,i)perylene	25.943	276	2720	0.066	ng/ul#	54

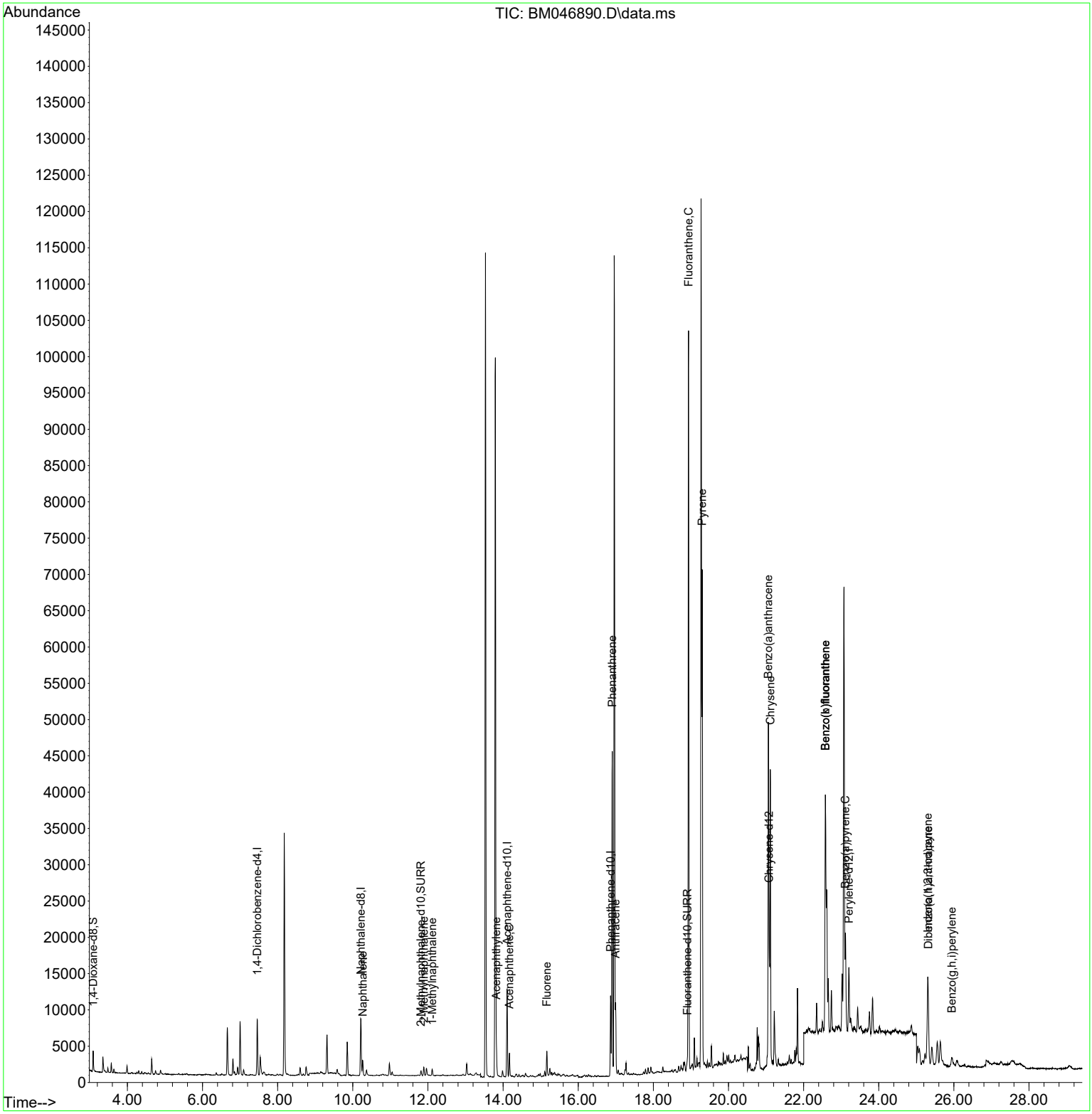
(#) = qualifier out of range (m) = manual integration (+) = signals summed

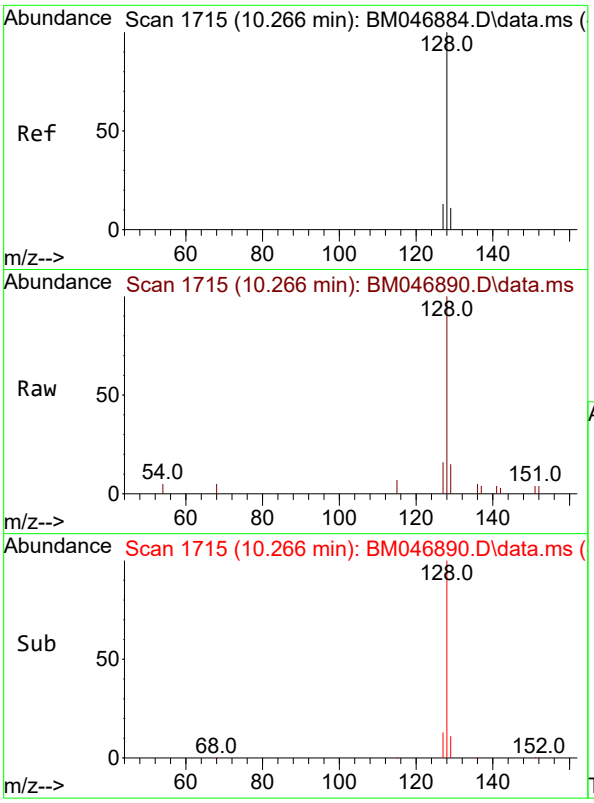
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046890.D
Acq On : 29 Jul 2024 19:08
Operator : MA/JU
Sample : P3263-15DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CK3DL

Quant Time: Jul 30 00:01:55 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



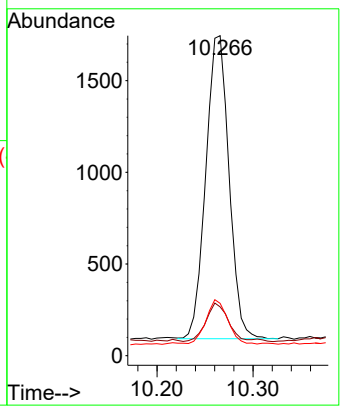


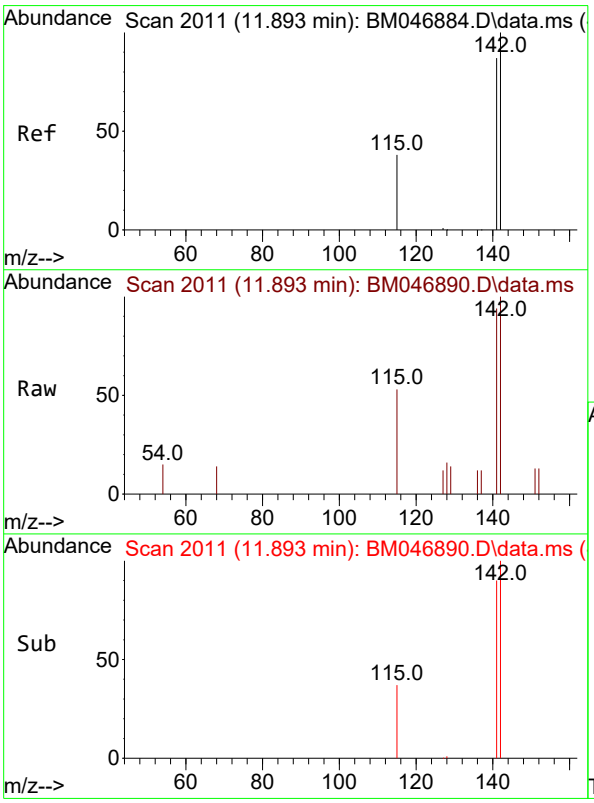
#5
Naphthalene
Concen: 0.101 ng/ul
RT: 10.266 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4CK3DL

Tgt Ion:128 Resp: 2771

Ion	Ratio	Lower	Upper
128	100		
129	15.2	10.1	15.1#
127	16.4	11.5	17.3

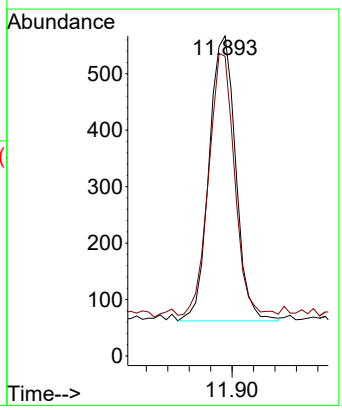


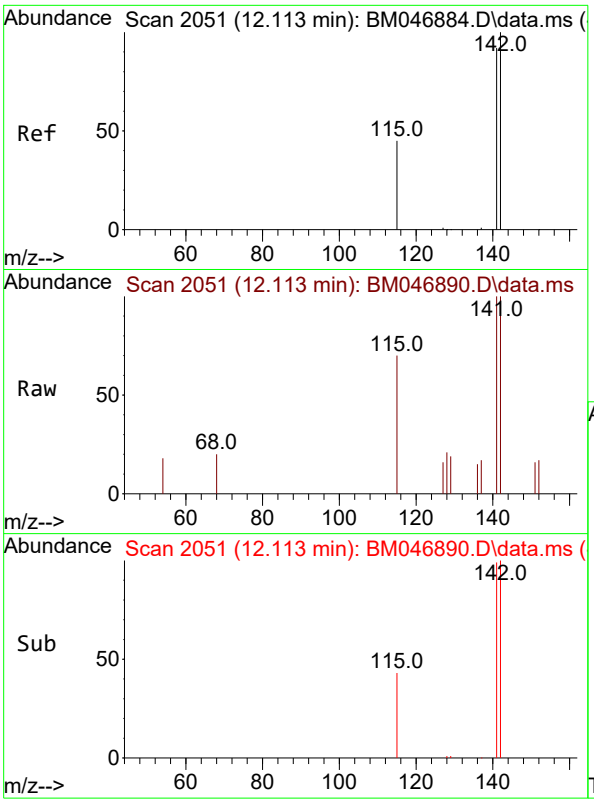


#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 11.893 min Scan# 2011
Delta R.T. -0.011 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Tgt Ion:142 Resp: 867

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.5	105.7



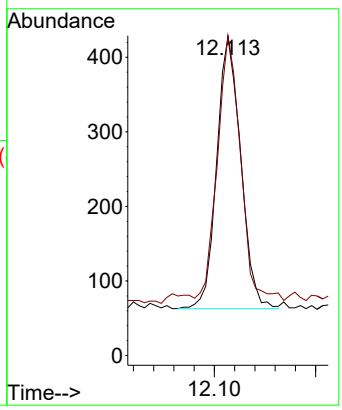


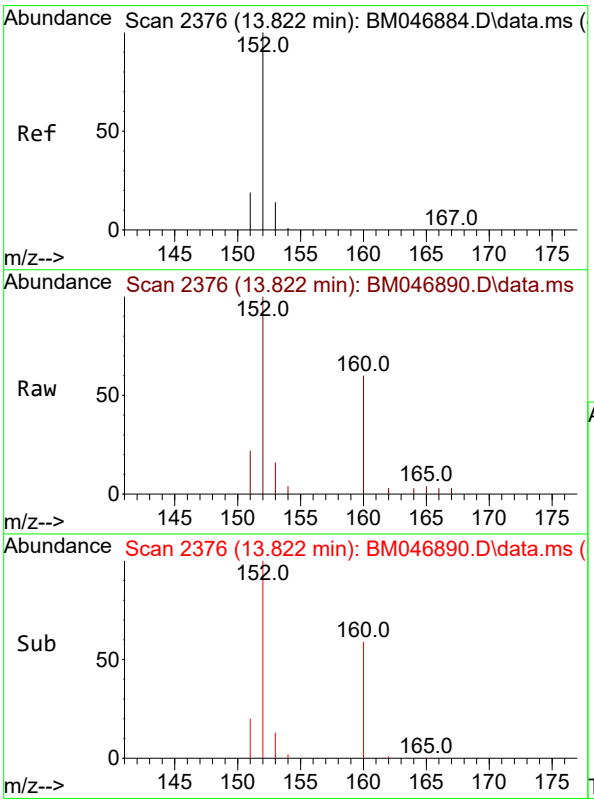
#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.113 min Scan# 2
Delta R.T. -0.016 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4CK3DL

Tgt Ion:142 Resp: 600

Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.1	109.7

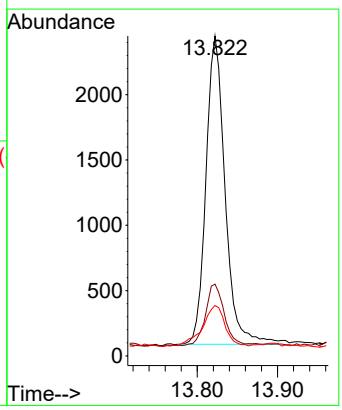


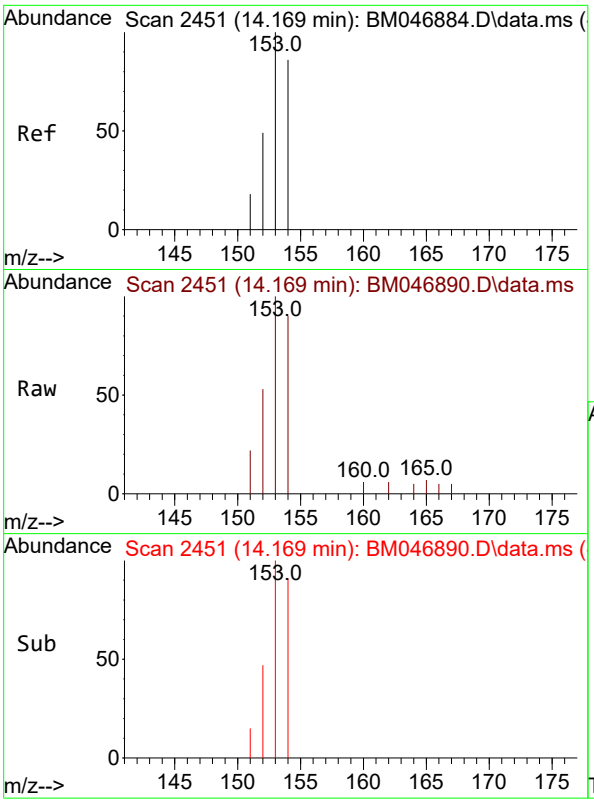


#10
Acenaphthylene
Concen: 0.128 ng/ul
RT: 13.822 min Scan# 2376
Delta R.T. -0.009 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Tgt Ion:152 Resp: 3915

Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.8	25.2
153	15.7	11.0	16.6



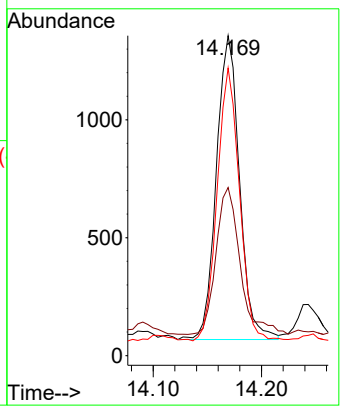


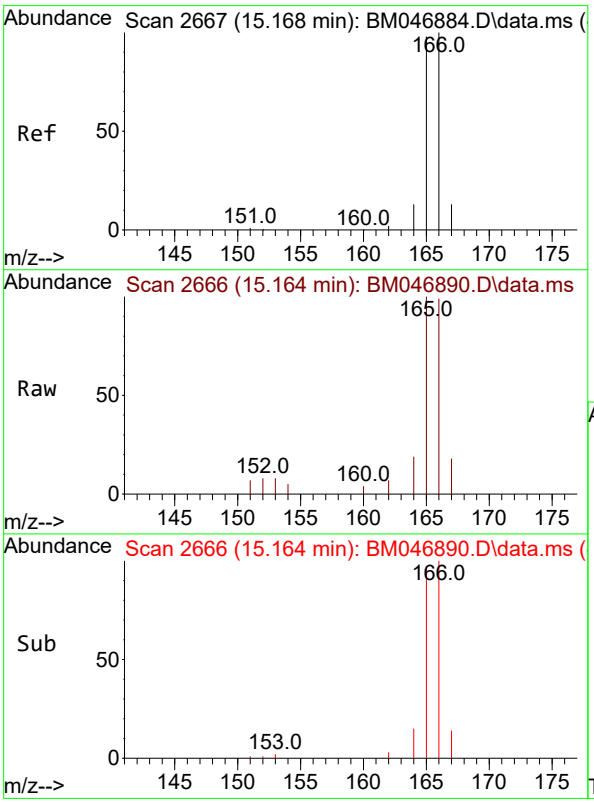
#11
Acenaphthene
Concen: 0.092 ng/ul
RT: 14.169 min Scan# 24
Delta R.T. -0.014 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4CK3DL

Tgt Ion:153 Resp: 1913

Ion	Ratio	Lower	Upper
153	100		
152	52.5	38.6	57.8
154	89.9	70.8	106.2

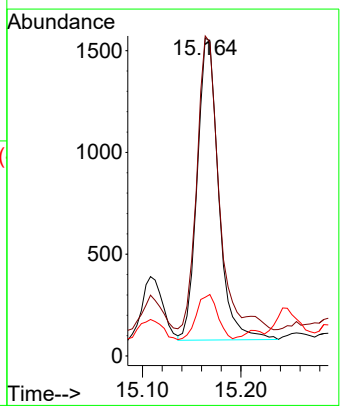


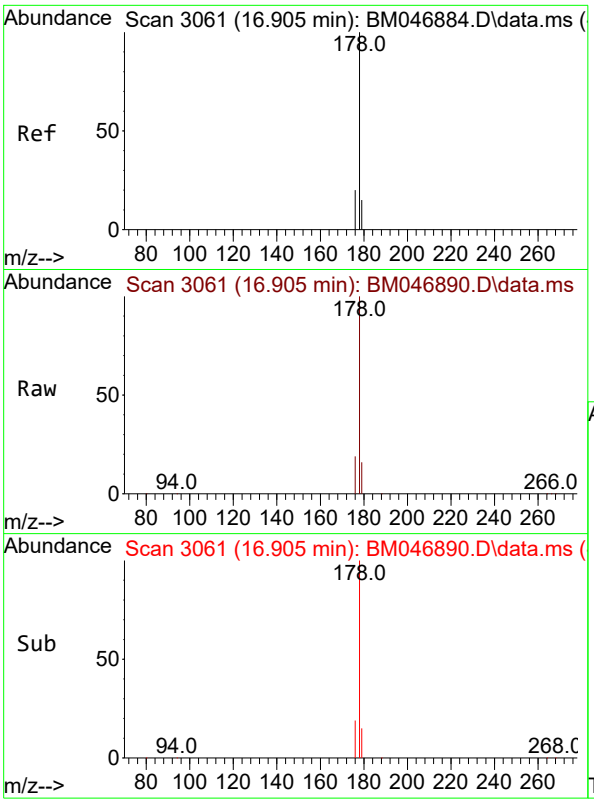


#12
Fluorene
Concen: 0.087 ng/ul
RT: 15.164 min Scan# 2666
Delta R.T. -0.014 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Tgt Ion:166 Resp: 2241

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.8	119.6
167	18.5	12.3	18.5#



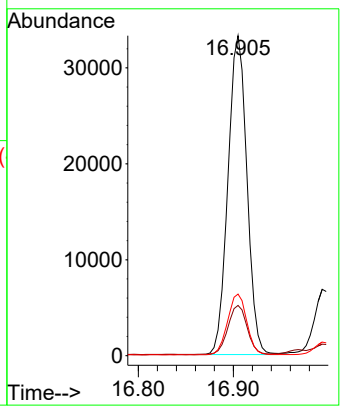


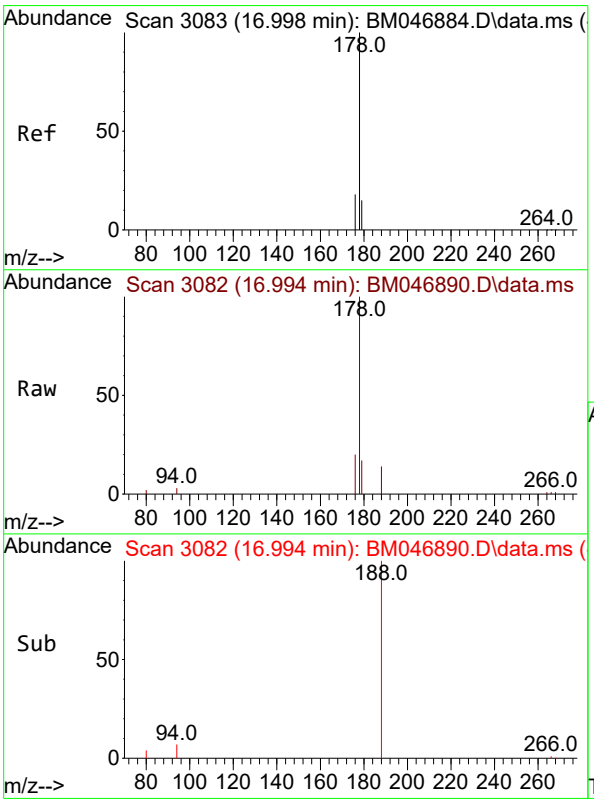
#15
Phenanthrene
Concen: 1.200 ng/ul
RT: 16.905 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4CK3DL

Tgt Ion:178 Resp: 46251

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	19.3	16.1	24.1

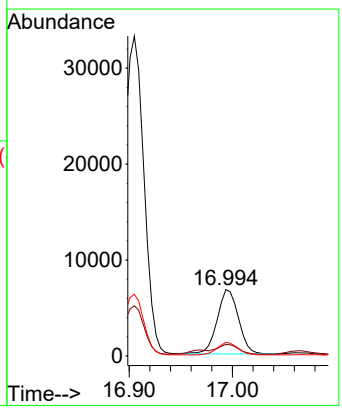


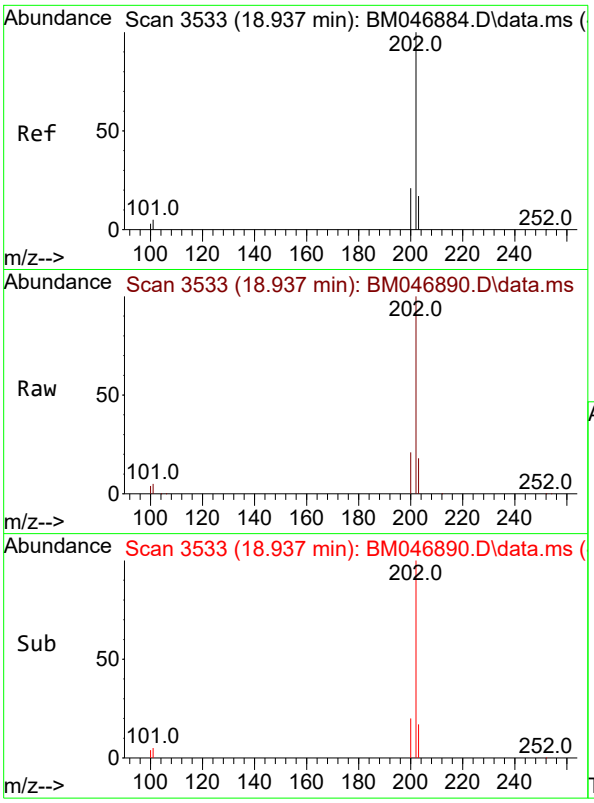


#16
Anthracene
Concen: 0.268 ng/ul
RT: 16.994 min Scan# 3082
Delta R.T. -0.013 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Tgt Ion:178 Resp: 9630

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.1	19.7
176	20.4	15.0	22.6



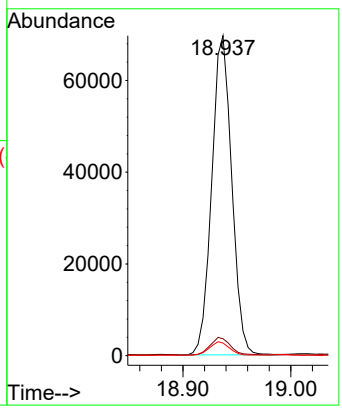


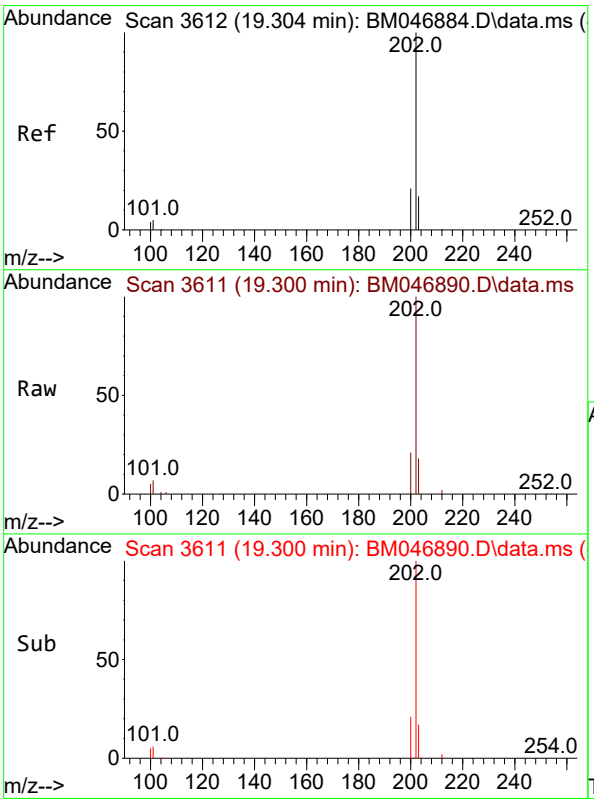
#19
Fluoranthene
Concen: 2.188 ng/ul
RT: 18.937 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4CK3DL

Tgt Ion:202 Resp: 89570

Ion	Ratio	Lower	Upper
202	100		
101	5.3	4.7	7.1
100	4.0	3.4	5.2

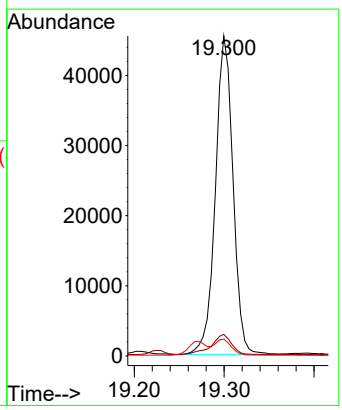


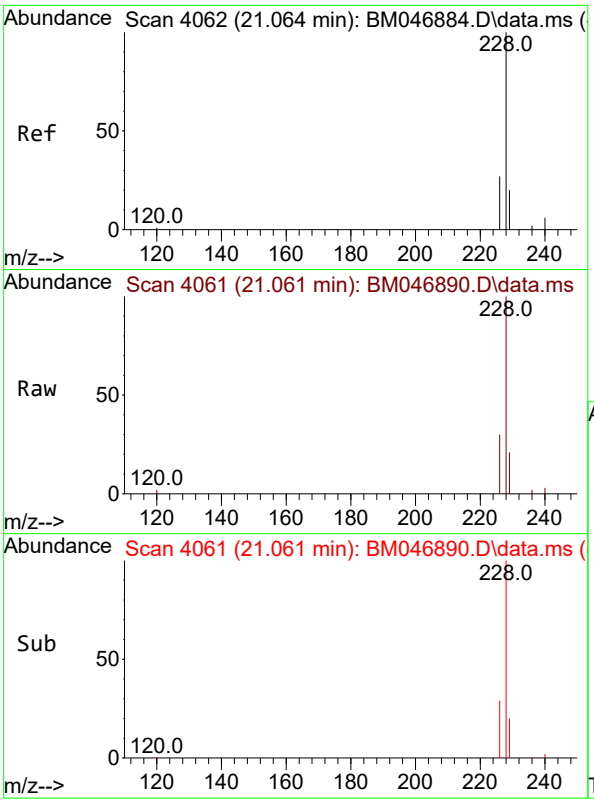


#20
Pyrene
Concen: 1.455 ng/ul
RT: 19.300 min Scan# 3611
Delta R.T. -0.005 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Tgt Ion:202 Resp: 61597

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.2	7.8
100	5.3	4.3	6.5



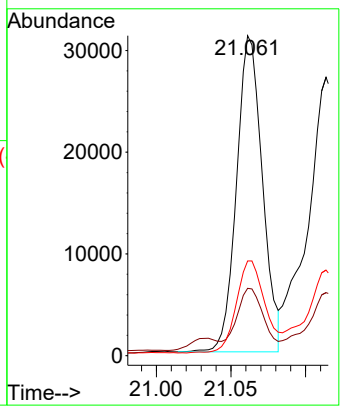


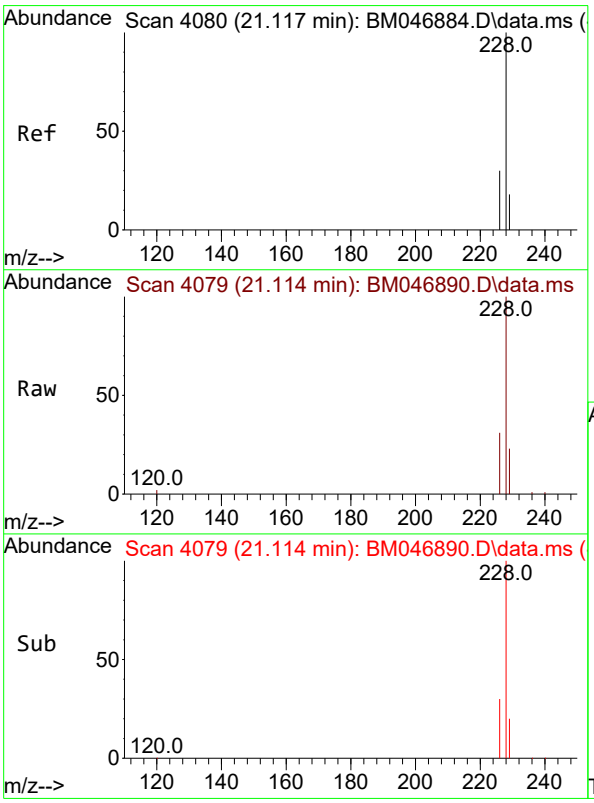
#21
Benzo(a)anthracene
Concen: 0.966 ng/ul
RT: 21.061 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4CK3DL

Tgt Ion:228 Resp: 37505

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.3	24.5
226	29.6	22.3	33.5

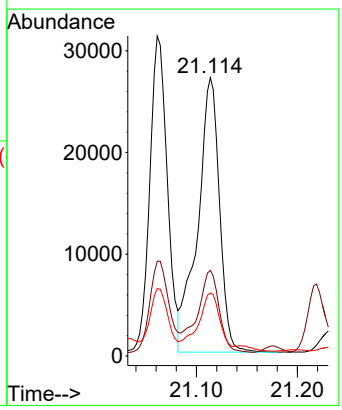


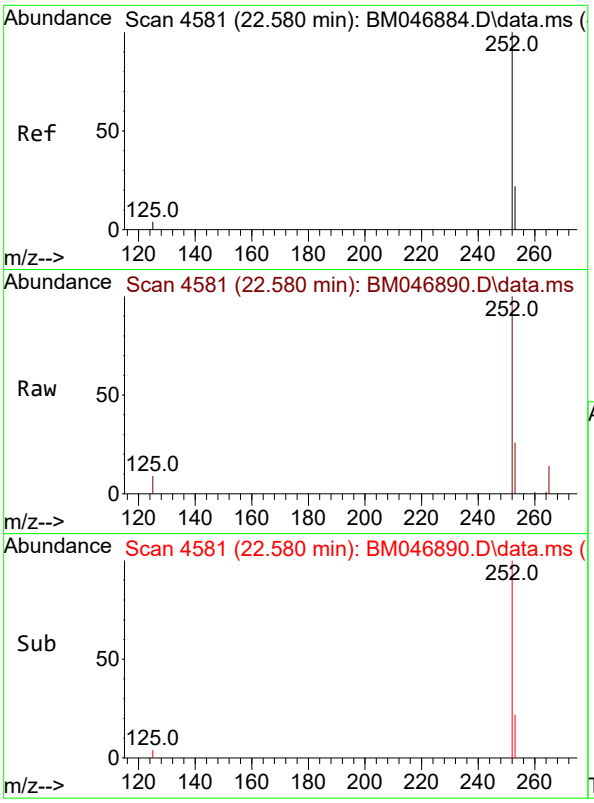


#22
Chrysene
Concen: 1.029 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Tgt Ion:228 Resp: 40583

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.5	36.7
229	22.7	16.2	24.2



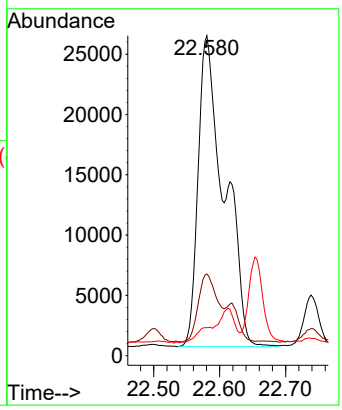


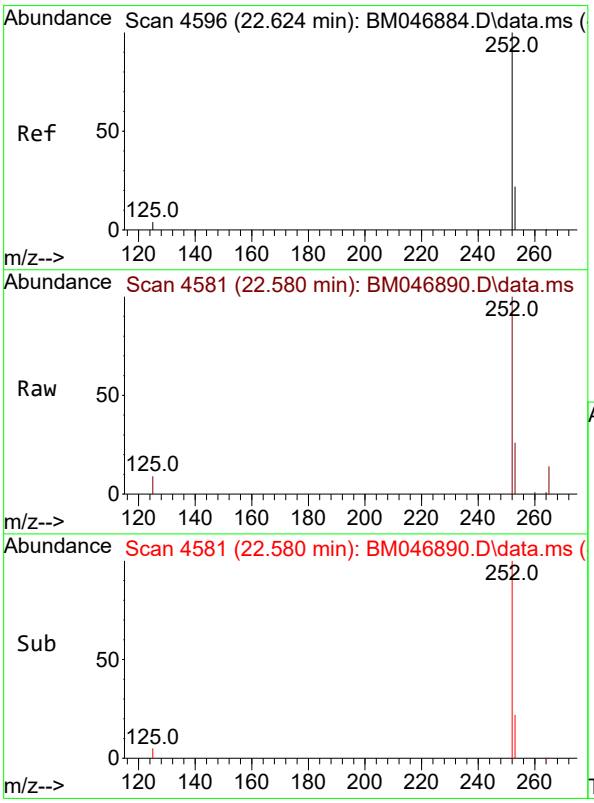
#24
Benzo(b)fluoranthene
Concen: 1.669 ng/ul
RT: 22.580 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4CK3DL

Tgt Ion:252 Resp: 71176

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	56.4
125	8.8	0.0	15.8

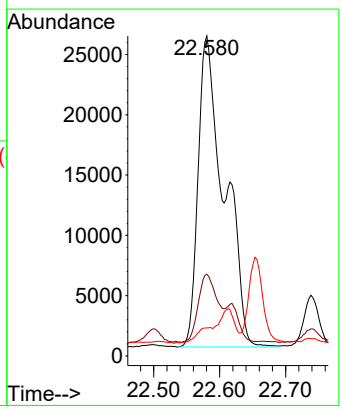


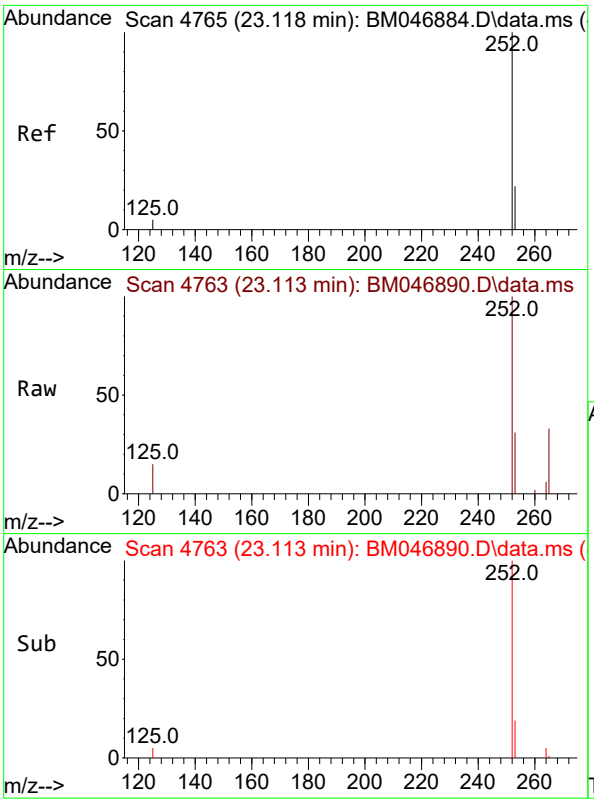


#25
Benzo(k)fluoranthene
Concen: 1.656 ng/ul
RT: 22.580 min Scan# 4581
Delta R.T. -0.041 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Tgt Ion:252 Resp: 71176

Ion	Ratio	Lower	Upper
252	100		
253	25.5	23.5	35.3
125	8.8	8.6	13.0



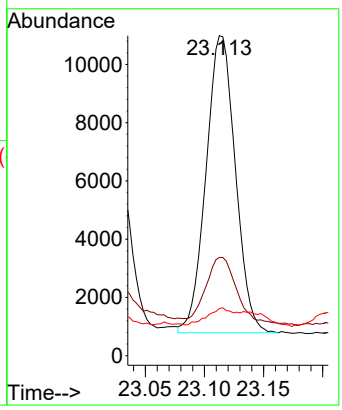


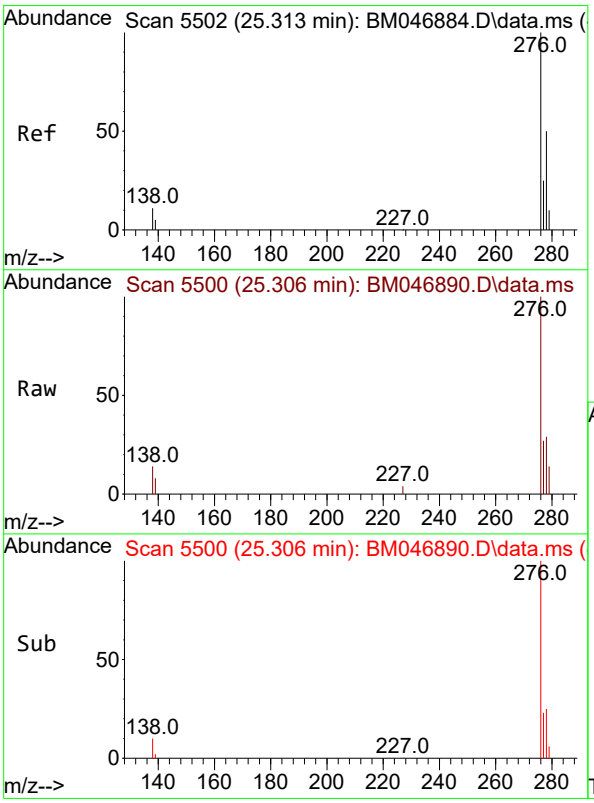
#26
Benzo(a)pyrene
Concen: 0.576 ng/ul
RT: 23.113 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4CK3DL

Tgt Ion:252 Resp: 17647

Ion	Ratio	Lower	Upper
252	100		
253	30.7	26.0	39.0
125	14.8	7.8	11.8#

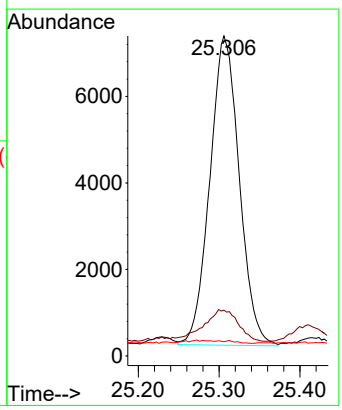


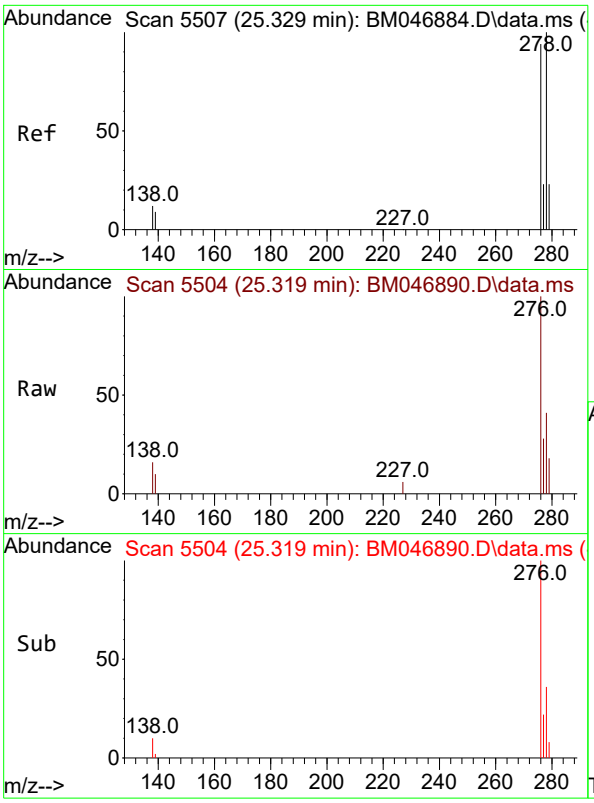


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng/ul
RT: 25.306 min Scan# 5500
Delta R.T. -0.010 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Tgt Ion:276 Resp: 18087

Ion	Ratio	Lower	Upper
276	100		
138	11.9	9.7	14.5
227	0.3	0.2	0.2#



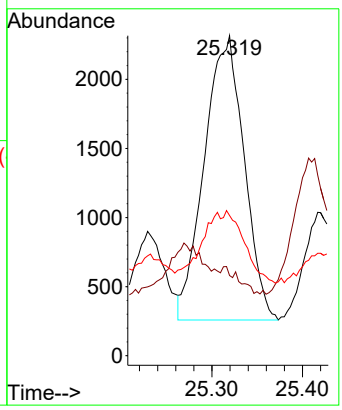


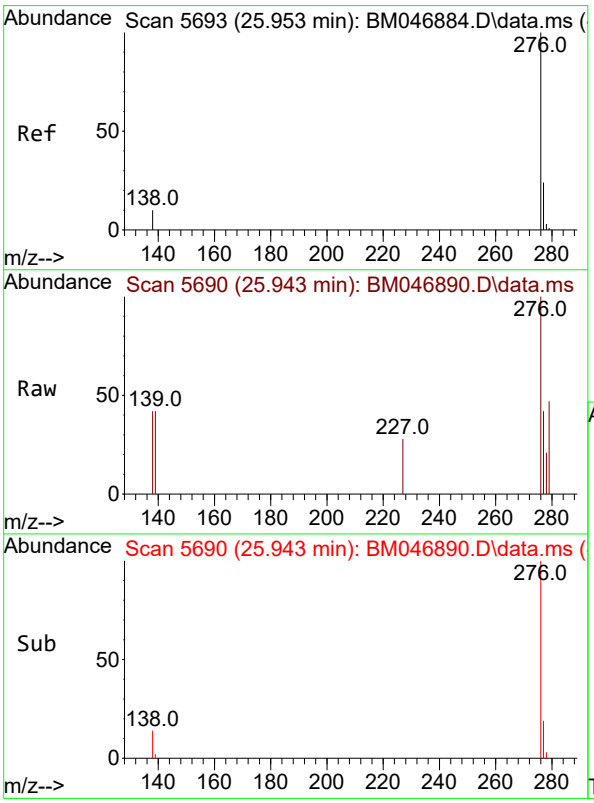
#28
Dibenzo(a,h)anthracene
Concen: 0.181 ng/ul
RT: 25.319 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4CK3DL

Tgt Ion:278 Resp: 6257

Ion	Ratio	Lower	Upper
278	100		
139	25.1	9.8	14.8#
279	43.8	25.2	37.8#





#29
Benzo(g,h,i)perylene
Concen: 0.066 ng/ul
RT: 25.943 min Scan# 5690
Delta R.T. -0.010 min
Lab File: BM046890.D
Acq: 29 Jul 2024 19:08

Tgt Ion:276 Resp: 2720

Ion	Ratio	Lower	Upper
276	100		
138	41.8	9.5	14.3#
277	42.1	20.9	31.3#