Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046584.D
Acq On : 13 Jul 2024 15:41
Operator : MA/JU
Sample : P3035-24
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CC9

Quant Time: Jul 15 09:02:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	3795	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	10543	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.154	164	6537	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.90
17) Chrysene-d12	21.111	240	9764	0.400	ng/ul	# 0.00
23) Perylene-d12	23.253	264	9598	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	8158	2.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.870	152	3748	0.220	ng/ul	0.00
18) Fluoranthene-d10	18.945	212	8323	0.280	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	13.867	152	1744	0.059	ng/ul#	91
11) Acenaphthene	14.214	153	1011	0.051	ng/ul	98
12) Fluorene	15.209	166	1318	0.053	ng/ul#	94
19) Fluoranthene	18.973	202	66889	1.668	ng/ul#	98
20) Pyrene	19.340	202	53433	1.231	ng/ul	98
21) Benzo(a)anthracene	21.096	228	26662	0.617	ng/ul	98
22) Chrysene	21.149	228	28773	0.688	ng/ul	98
24) Benzo(b)fluoranthene	22.622	252	47921	1.250	ng/ul	96
25) Benzo(k)fluoranthene	22.622	252	47923	1.273	ng/ul#	96
26) Benzo(a)pyrene	23.163	252	21263	0.674	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.373	276	16726	0.348	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.383	278	3949	0.104	ng/ul#	32
29) Benzo(g,h,i)perylene	26.017	276	16765	0.438	ng/ul#	95

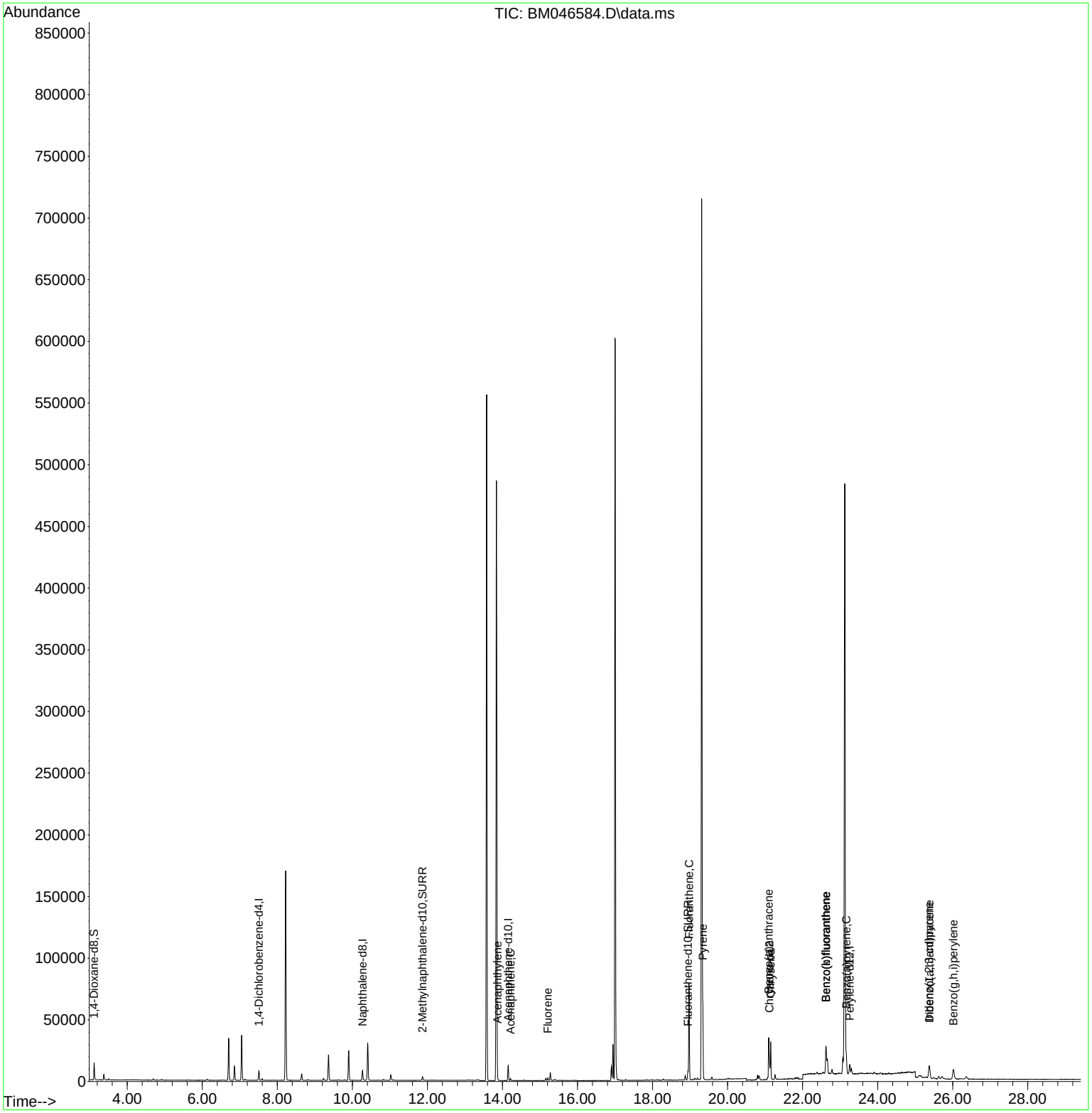
(#) = qualifier out of range (m) = manual integration (+) = signals summed

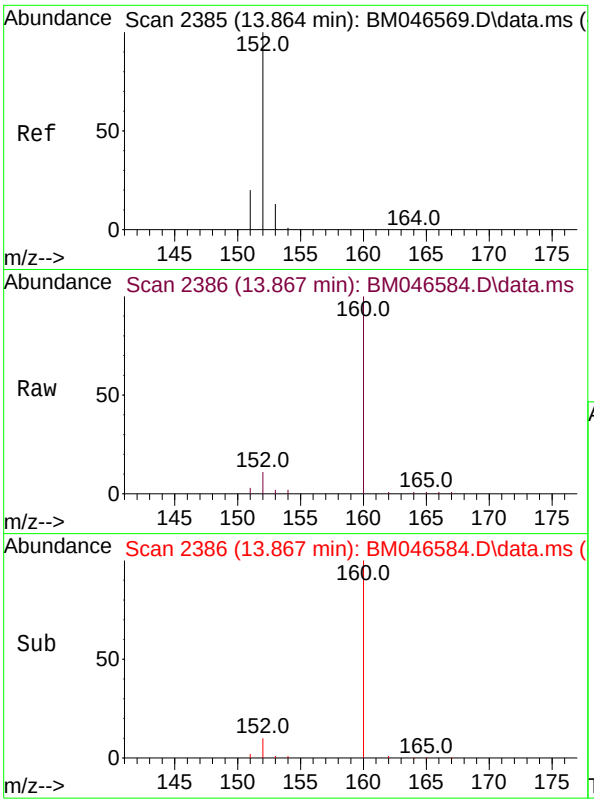
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046584.D
Acq On : 13 Jul 2024 15:41
Operator : MA/JU
Sample : P3035-24
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CC9

Quant Time: Jul 15 09:02:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration



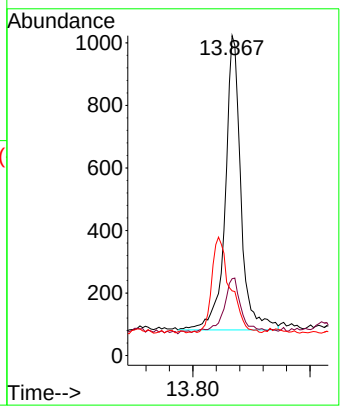


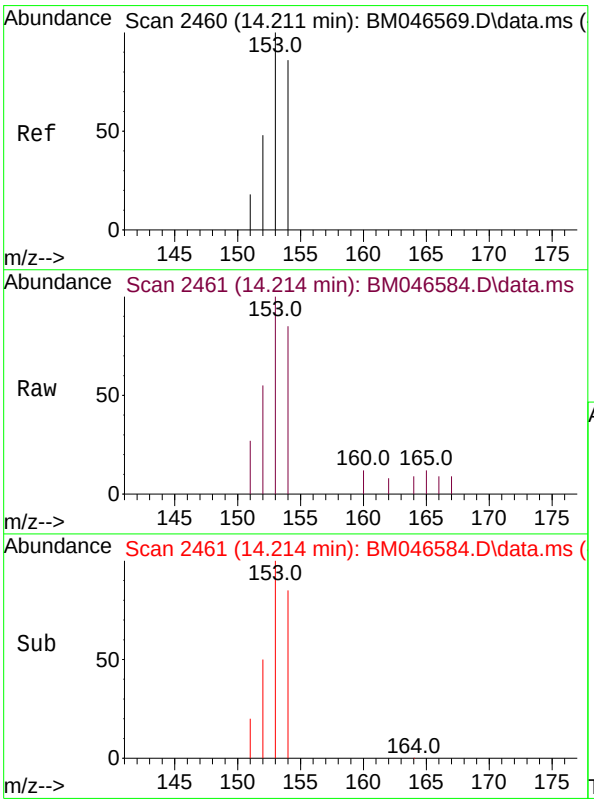
#10
Acenaphthylene
Concen: 0.059 ng/ul
RT: 13.867 min Scan# 2
Delta R.T. 0.003 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

Instrument :
BNA_M
ClientSampleId :
A4CC9

Tgt Ion:152 Resp: 1744

Ion	Ratio	Lower	Upper
152	100		
151	24.0	16.4	24.6
153	20.2	12.4	18.6#

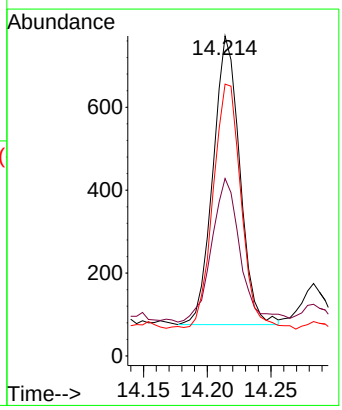


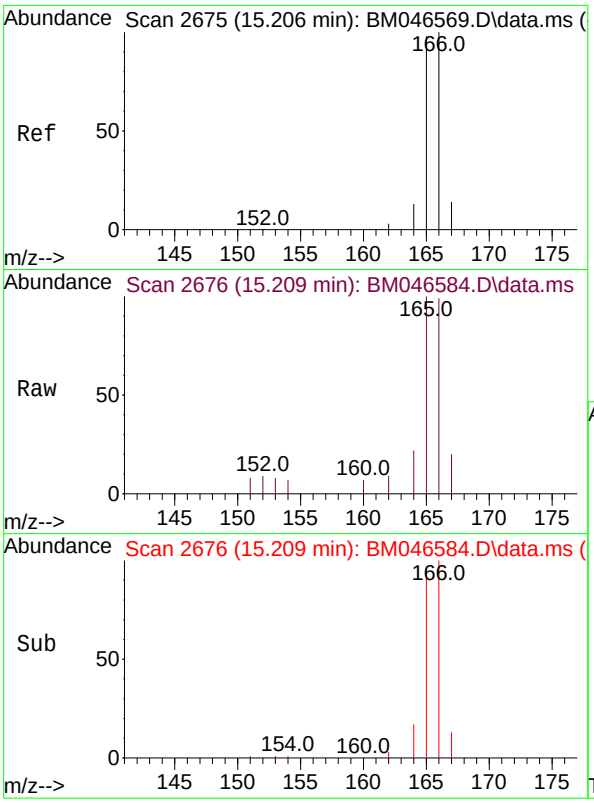


#11
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.214 min Scan# 2461
Delta R.T. 0.003 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

Tgt Ion:153 Resp: 1011

Ion	Ratio	Lower	Upper
153	100		
152	55.4	43.0	64.6
154	85.0	69.9	104.9



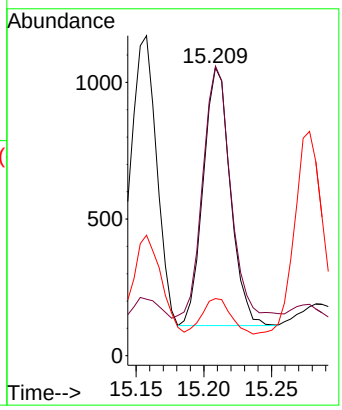


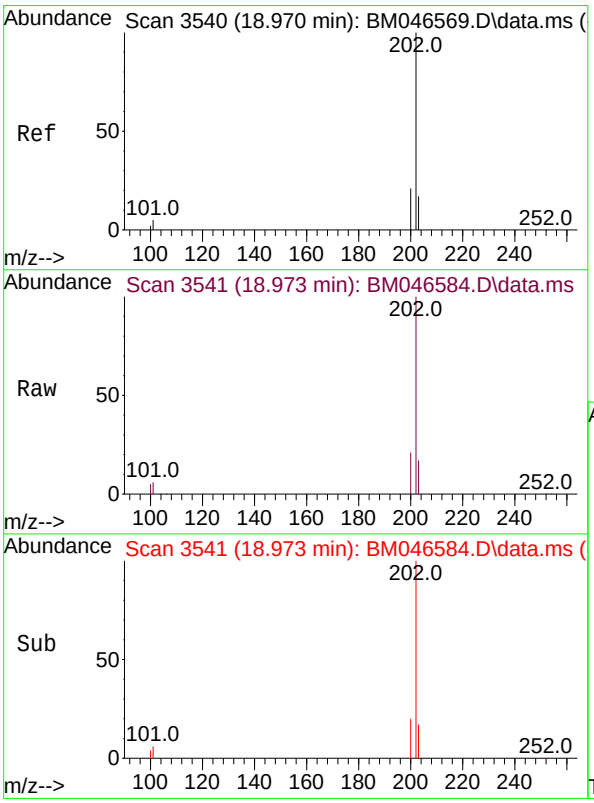
#12
Fluorene
Concen: 0.053 ng/ul
RT: 15.209 min Scan# 2
Delta R.T. 0.003 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

Instrument :
BNA_M
ClientSampleId :
A4CC9

Tgt Ion:166 Resp: 1318

Ion	Ratio	Lower	Upper
166	100		
165	100.6	76.1	114.1
167	19.8	12.5	18.7#

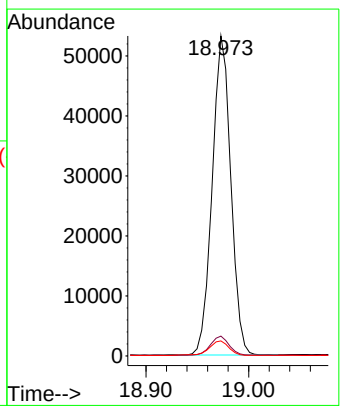


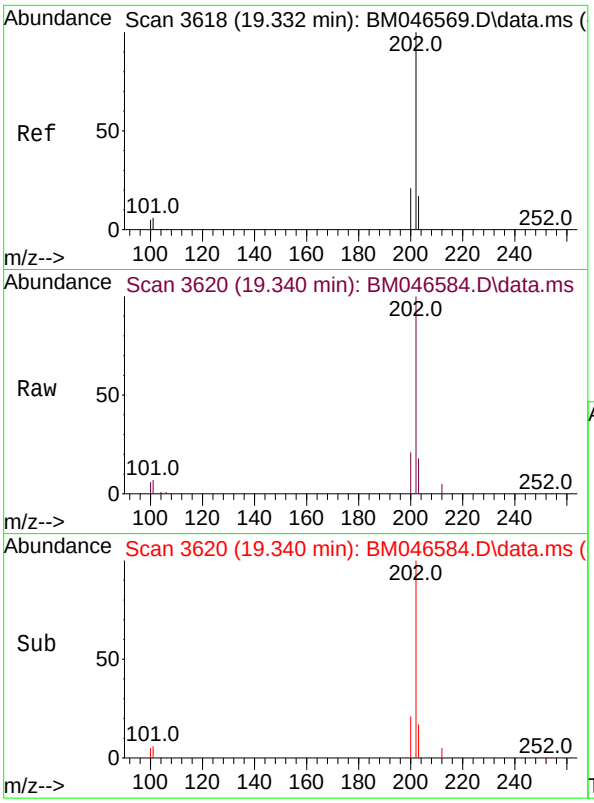


#19
Fluoranthene
Concen: 1.668 ng/ul
RT: 18.973 min Scan# 3541
Delta R.T. 0.003 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

Tgt Ion:202 Resp: 66889

Ion	Ratio	Lower	Upper
202	100		
101	6.2	4.6	6.8
100	4.7	3.0	4.6#



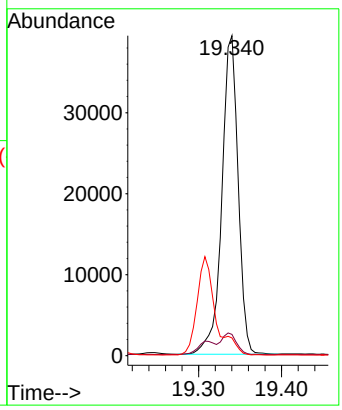


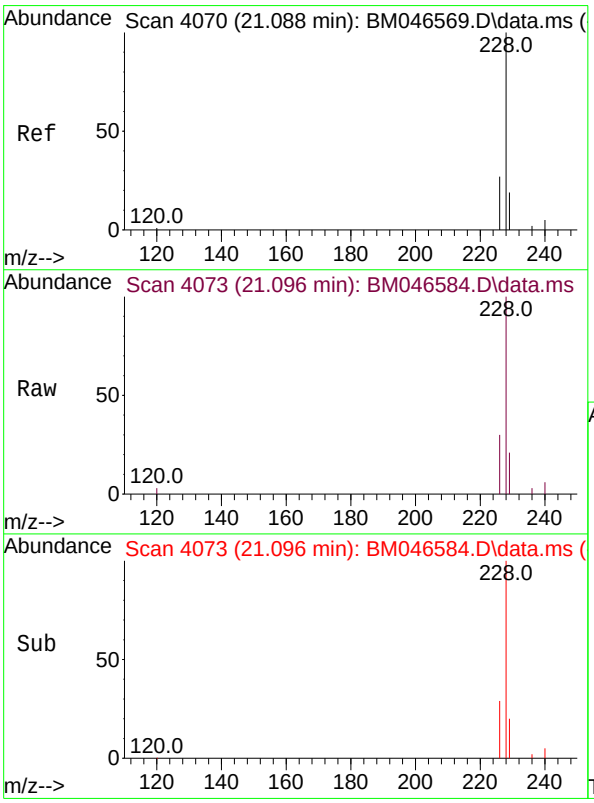
#20
Pyrene
Concen: 1.231 ng/ul
RT: 19.340 min Scan# 3
Delta R.T. 0.008 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

Instrument :
BNA_M
ClientSampleId :
A4CC9

Tgt Ion:202 Resp: 53433

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.1	7.7
100	5.6	3.8	5.6

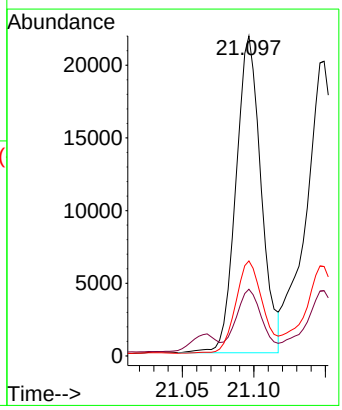


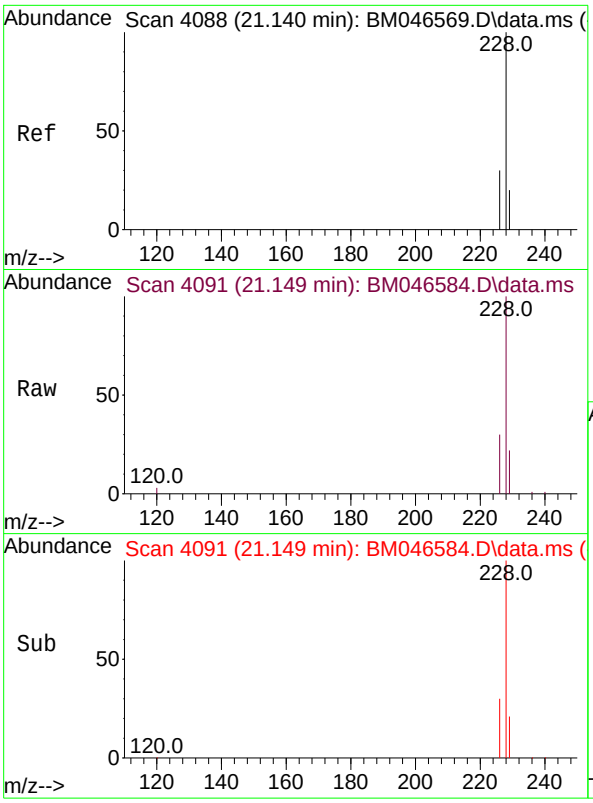


#21
Benzo(a)anthracene
Concen: 0.617 ng/ul
RT: 21.096 min Scan# 4073
Delta R.T. 0.009 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

Tgt Ion:228 Resp: 26662

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.5	24.7
226	29.7	22.5	33.7



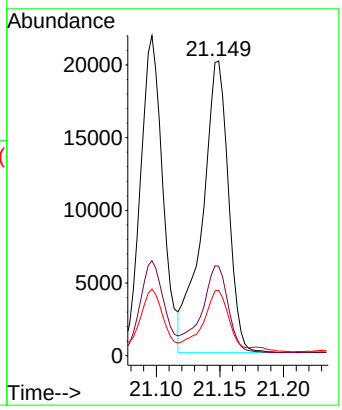


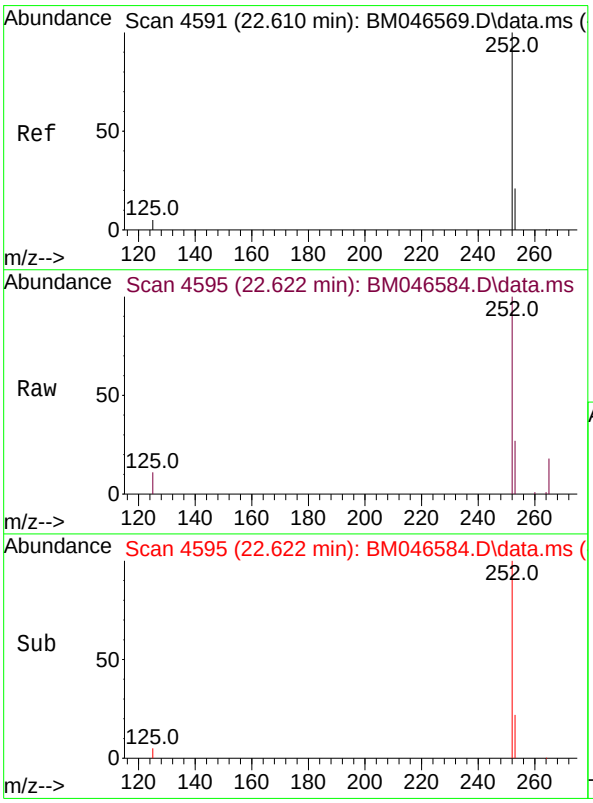
#22
Chrysene
Concen: 0.688 ng/ul
RT: 21.149 min Scan# 4
Delta R.T. 0.009 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

Instrument :
BNA_M
ClientSampleId :
A4CC9

Tgt Ion:228 Resp: 28773

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	22.2	16.4	24.6

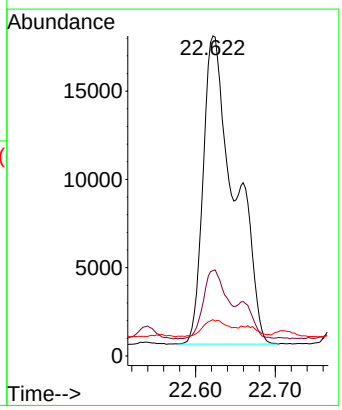


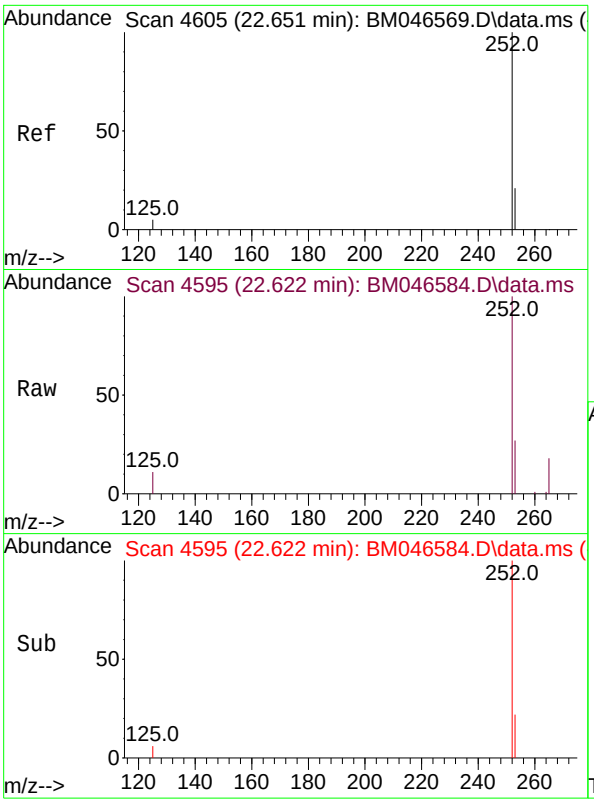


#24
Benzo(b)fluoranthene
Concen: 1.250 ng/ul
RT: 22.622 min Scan# 4595
Delta R.T. 0.012 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

Tgt Ion:252 Resp: 47921

Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	56.2
125	11.4	0.0	17.8



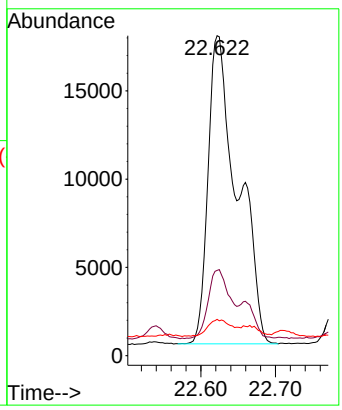


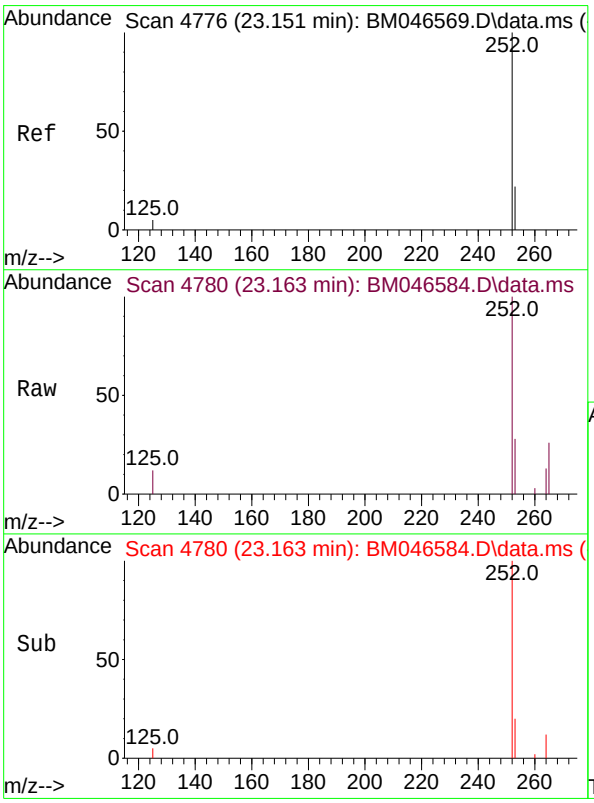
#25
Benzo(k)fluoranthene
Concen: 1.273 ng/ul
RT: 22.622 min Scan# 4
Delta R.T. -0.029 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

Instrument :
BNA_M
ClientSampleId :
A4CC9

Tgt Ion:252 Resp: 47923

Ion	Ratio	Lower	Upper
252	100		
253	26.7	22.4	33.6
125	11.4	7.0	10.4#

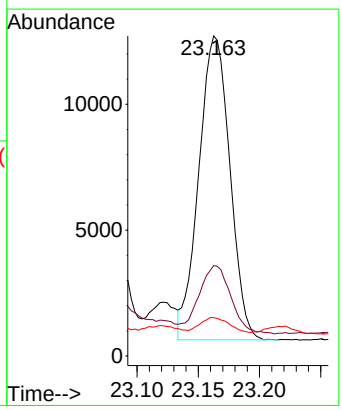


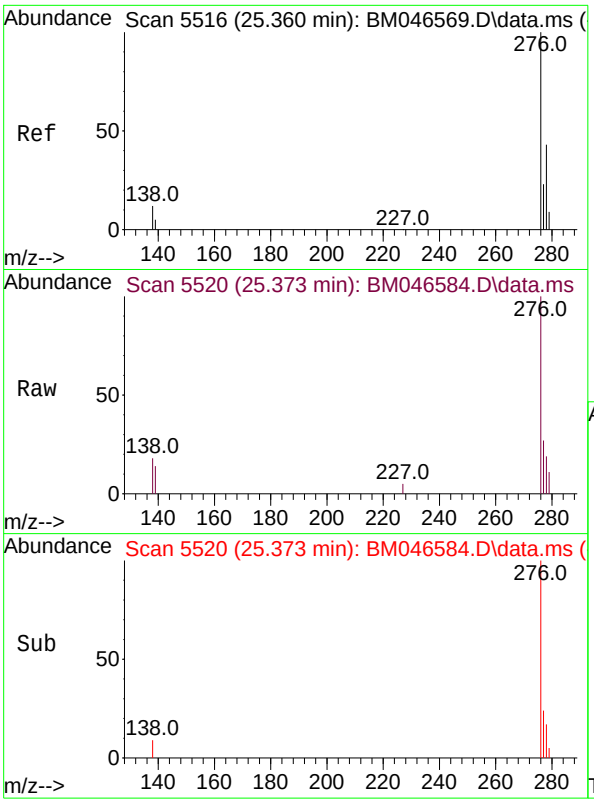


#26
Benzo(a)pyrene
Concen: 0.674 ng/ul
RT: 23.163 min Scan# 4780
Delta R.T. 0.012 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

Tgt Ion:252 Resp: 21263

Ion	Ratio	Lower	Upper
252	100		
253	28.3	24.0	36.0
125	11.9	8.2	12.2



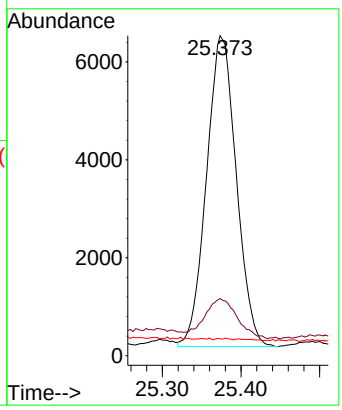


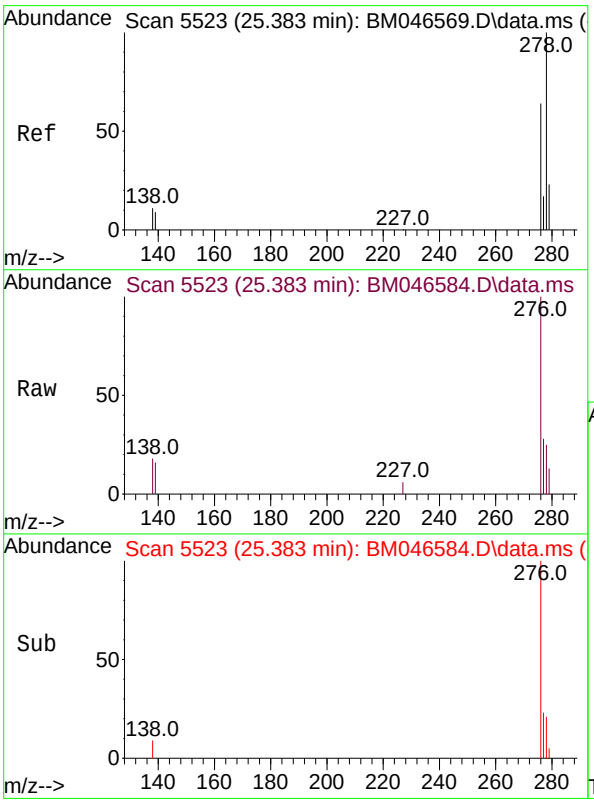
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.348 ng/ul
RT: 25.373 min Scan# 5
Delta R.T. 0.013 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

Instrument :
BNA_M
ClientSampleId :
A4CC9

Tgt Ion:276 Resp: 16726

Ion	Ratio	Lower	Upper
276	100		
138	14.1	0.0	0.0#
227	0.2	0.2	0.2

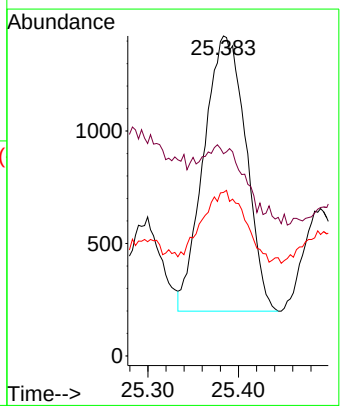


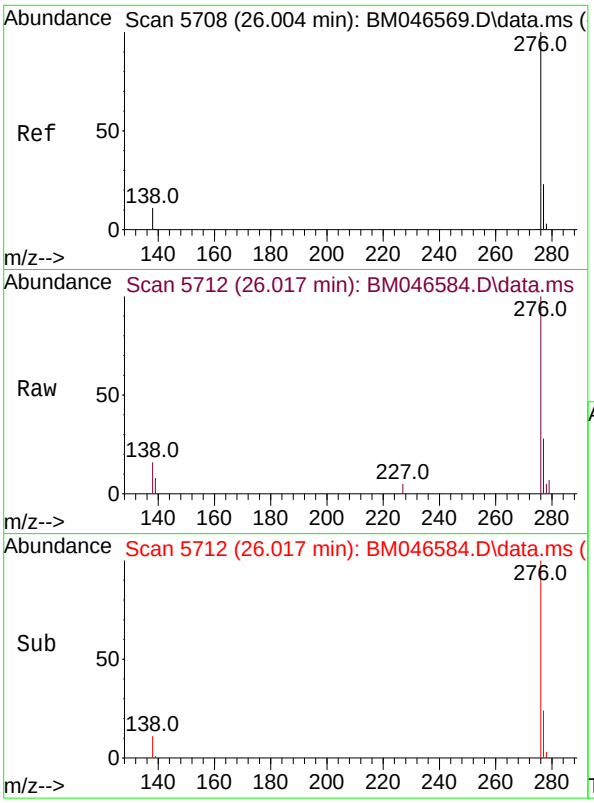


#28
Dibenzo(a,h)anthracene
Concen: 0.104 ng/ul
RT: 25.383 min Scan# 5523
Delta R.T. 0.000 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

Tgt Ion:278 Resp: 3949

Ion	Ratio	Lower	Upper
278	100		
139	63.2	9.1	13.7#
279	51.1	23.2	34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.438 ng/ul
RT: 26.017 min Scan# 5
Delta R.T. 0.013 min
Lab File: BM046584.D
Acq: 13 Jul 2024 15:41

Instrument :
BNA_M
ClientSampleId :
A4CC9

Tgt Ion:276 Resp: 16765

Ion	Ratio	Lower	Upper
276	100		
138	16.4	10.2	15.4#
277	27.5	20.9	31.3