Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046585.D
Acq On : 13 Jul 2024 16:18
Operator : MA/JU
Sample : P3035-23
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CC4

Quant Time: Jul 15 09:03:07 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	4887	0.400	ng/ul		0.00
4) Naphthalene-d8	10.270	136	13318	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.154	164	8377	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.904	188	17778	0.400	ng/ul		0.00
17) Chrysene-d12	21.111	240	12404	0.400	ng/ul	#	0.00
23) Perylene-d12	23.253	264	12336	0.400	ng/ul	#	0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.118	96	8938	2.226	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.870	152	4187	0.195	ng/ul		0.00
18) Fluoranthene-d10	18.940	212	9383	0.249	ng/ul		0.00
Target Compounds							Qvalue
10) Acenaphthylene	13.867	152	2476	0.065	ng/ul		94
15) Phenanthrene	16.946	178	10247	0.202	ng/ul		100
16) Anthracene	17.035	178	2609	0.053	ng/ul	#	91
19) Fluoranthene	18.973	202	29397	0.577	ng/ul	#	98
20) Pyrene	19.336	202	26337	0.477	ng/ul	#	96
21) Benzo(a)anthracene	21.146	228	14664	0.267	ng/ul		94
22) Chrysene	21.146	228	14991	0.282	ng/ul		96
24) Benzo(b)fluoranthene	22.619	252	25408	0.516	ng/ul	#	78
25) Benzo(k)fluoranthene	22.619	252	25408	0.525	ng/ul	#	78
26) Benzo(a)pyrene	23.163	252	12495	0.308	ng/ul	#	93
27) Indeno(1,2,3-cd)pyrene	25.374	276	10052	0.163	ng/ul	#	100
28) Dibenzo(a,h)anthracene	25.384	278	2519	0.052	ng/ul	#	16
29) Benzo(g,h,i)perylene	26.021	276	9597	0.195	ng/ul	#	91

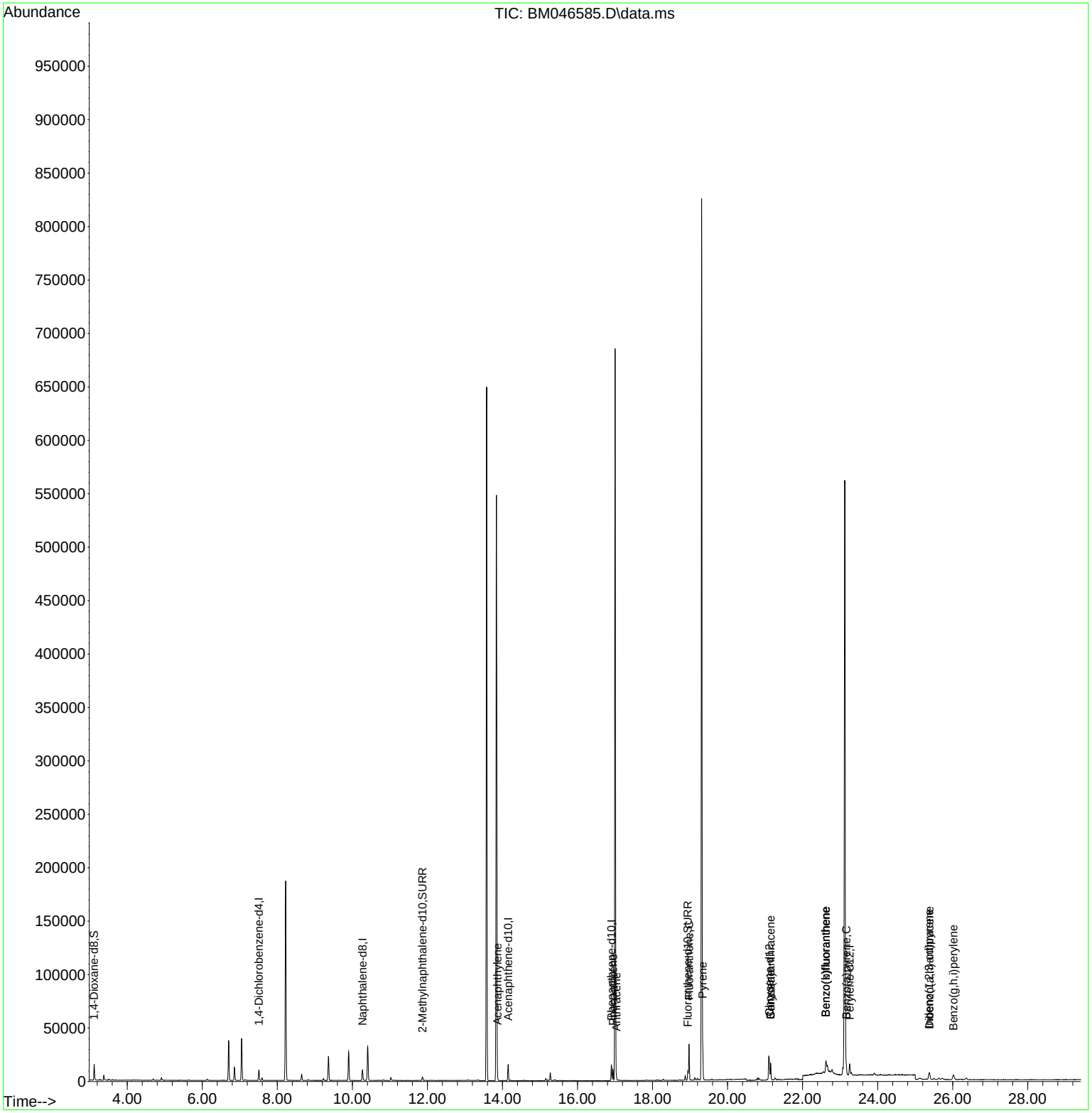
(#) = qualifier out of range (m) = manual integration (+) = signals summed

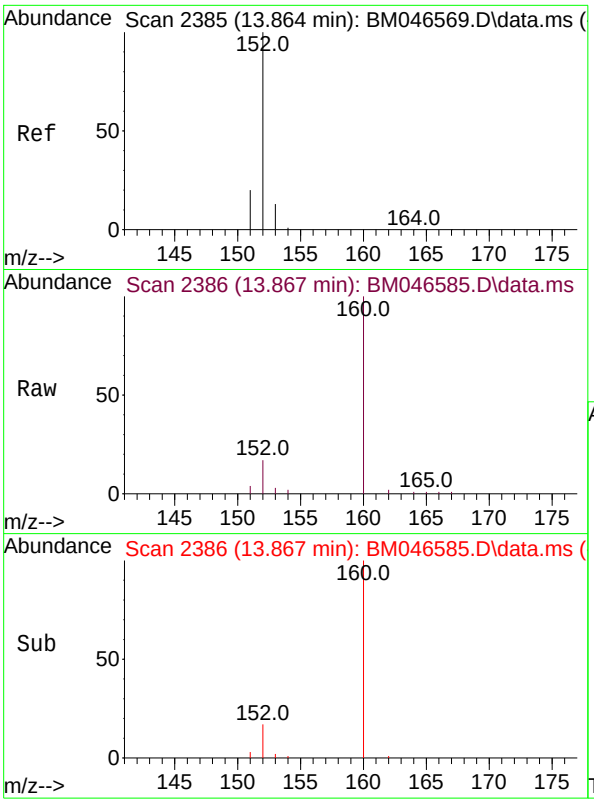
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046585.D
Acq On : 13 Jul 2024 16:18
Operator : MA/JU
Sample : P3035-23
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CC4

Quant Time: Jul 15 09:03:07 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



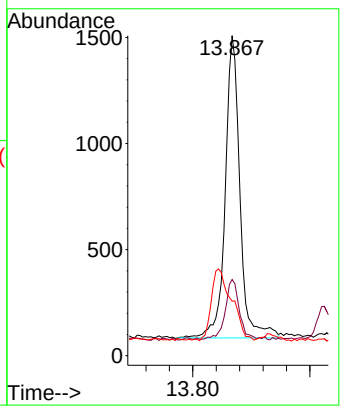


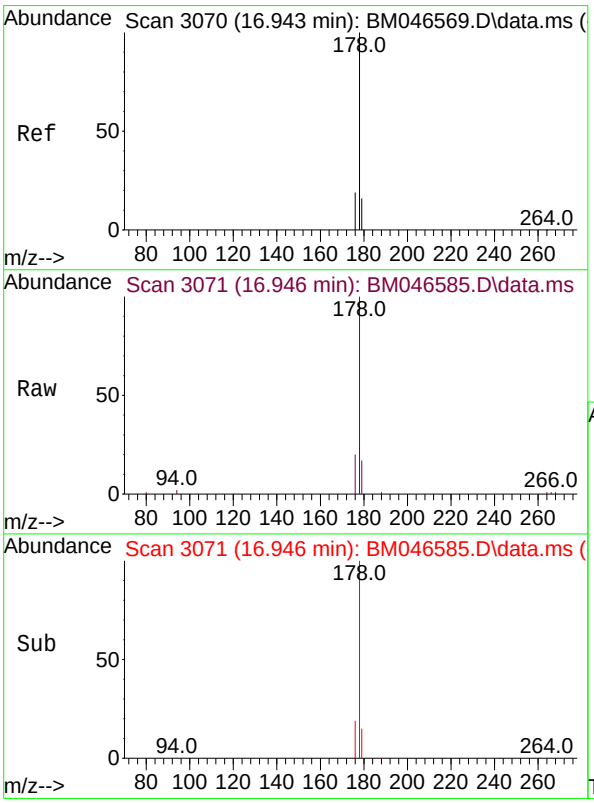
#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 13.867 min Scan# 2
Delta R.T. 0.003 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

Instrument :
BNA_M
ClientSampleId :
A4CC4

Tgt Ion:152 Resp: 2476

Ion	Ratio	Lower	Upper
152	100		
151	23.8	16.4	24.6
153	17.0	12.4	18.6

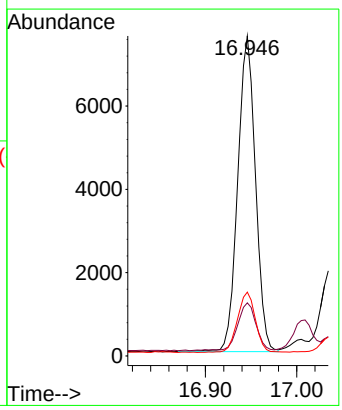


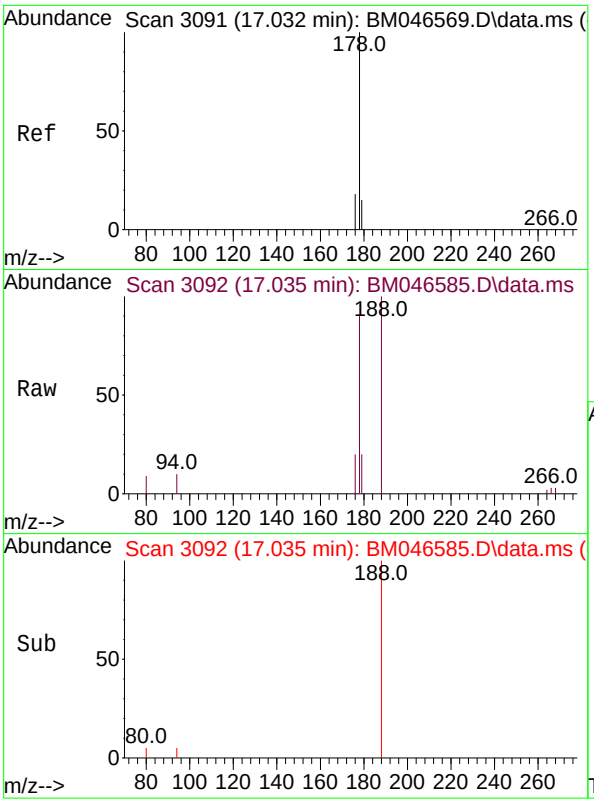


#15
Phenanthrene
Concen: 0.202 ng/ul
RT: 16.946 min Scan# 3071
Delta R.T. 0.003 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

Tgt Ion:178 Resp: 10247

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.1	19.7
176	20.0	16.0	24.0



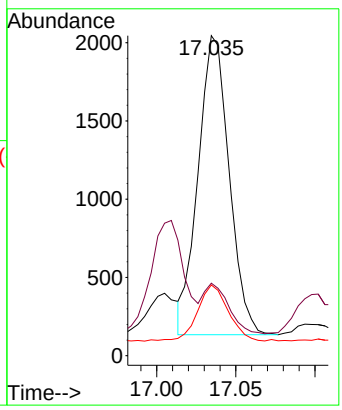


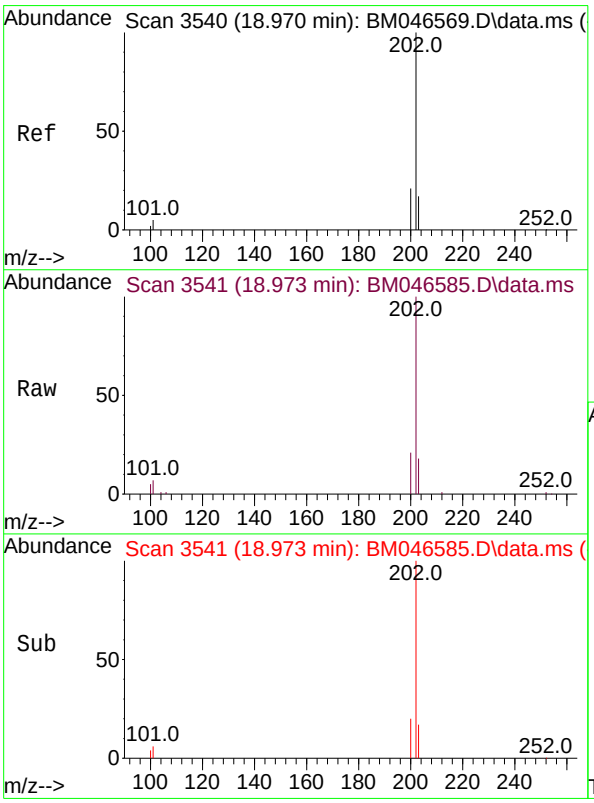
#16
Anthracene
Concen: 0.053 ng/ul
RT: 17.035 min Scan# 3
Delta R.T. 0.003 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

Instrument :
BNA_M
ClientSampleId :
A4CC4

Tgt Ion:178 Resp: 2609

Ion	Ratio	Lower	Upper
178	100		
179	22.6	13.5	20.3#
176	22.1	15.7	23.5

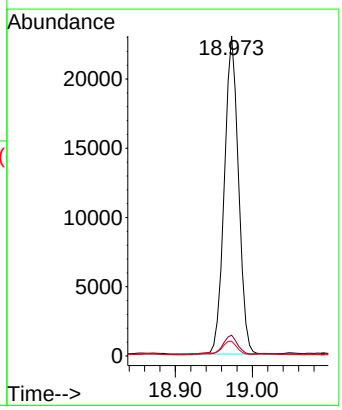


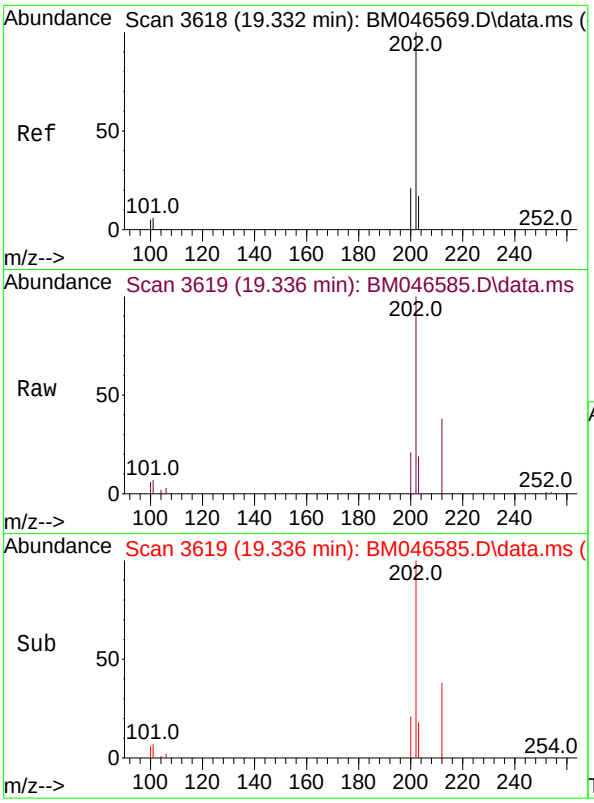


#19
Fluoranthene
Concen: 0.577 ng/ul
RT: 18.973 min Scan# 3541
Delta R.T. 0.003 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

Tgt Ion:202 Resp: 29397

Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.6	6.8
100	4.6	3.0	4.6#



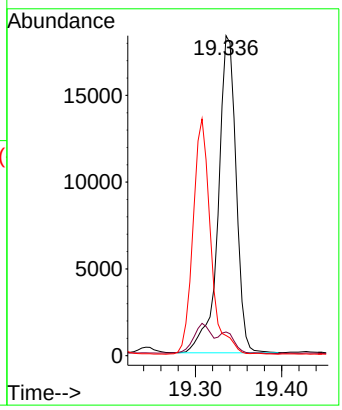


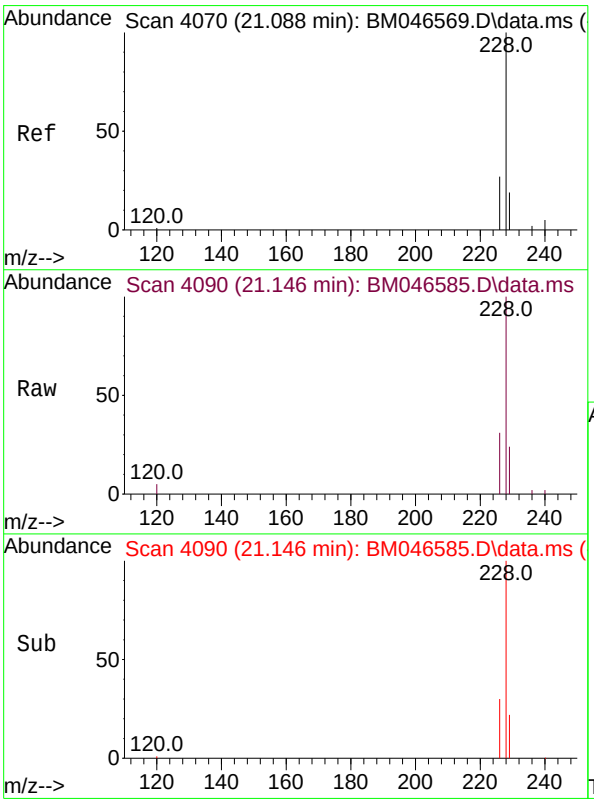
#20
Pyrene
Concen: 0.477 ng/ul
RT: 19.336 min Scan# 3
Delta R.T. 0.003 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

Instrument :
BNA_M
ClientSampleId :
A4CC4

Tgt Ion:202 Resp: 26337

Ion	Ratio	Lower	Upper
202	100		
101	7.4	5.1	7.7
100	6.3	3.8	5.6#

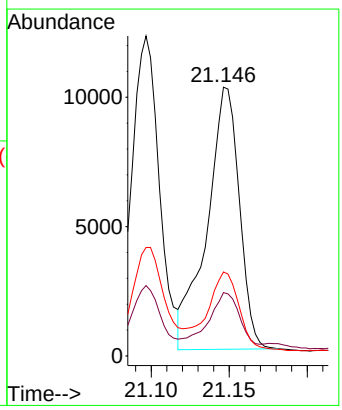


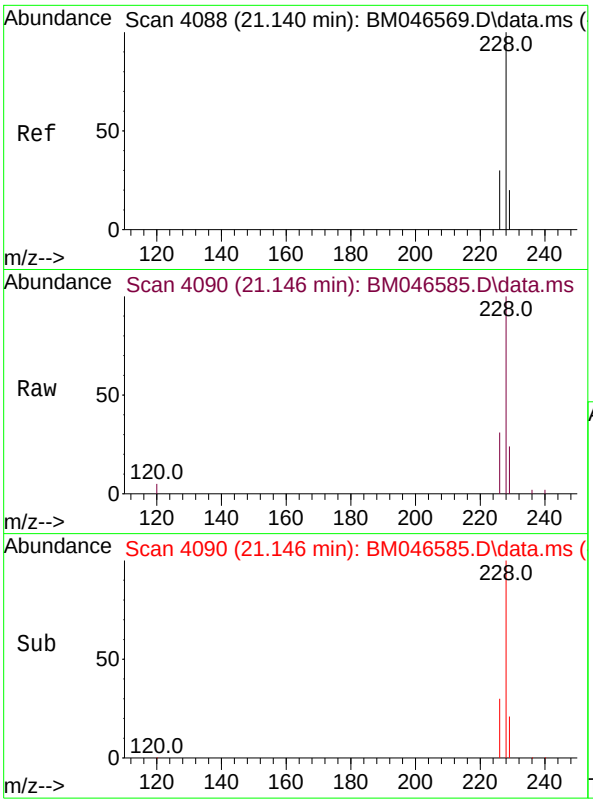


#21
Benzo(a)anthracene
Concen: 0.267 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. 0.059 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

Tgt Ion:228 Resp: 14664

Ion	Ratio	Lower	Upper
228	100		
229	23.6	16.5	24.7
226	31.2	22.5	33.7



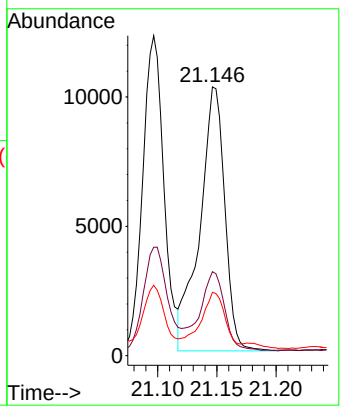


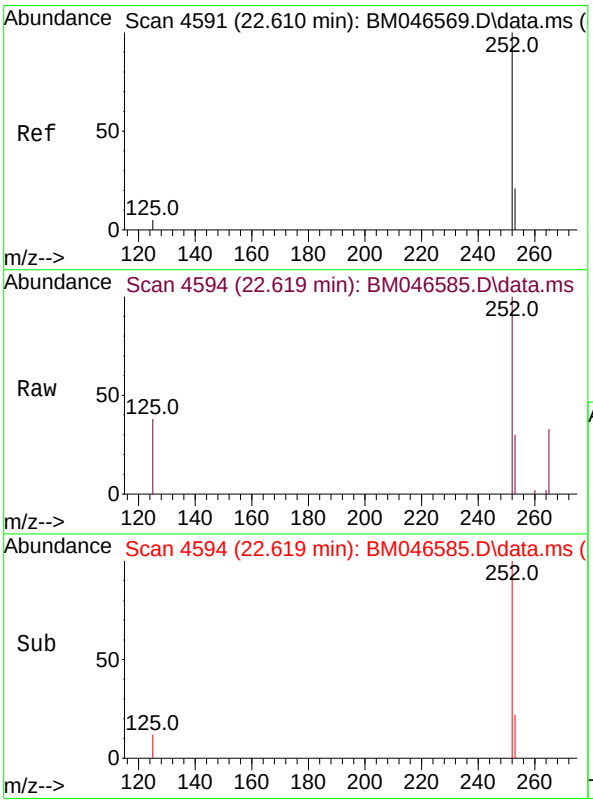
#22
Chrysene
Concen: 0.282 ng/ul
RT: 21.146 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

Instrument :
BNA_M
ClientSampleId :
A4CC4

Tgt Ion:228 Resp: 14991

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.3	36.5
229	23.6	16.4	24.6

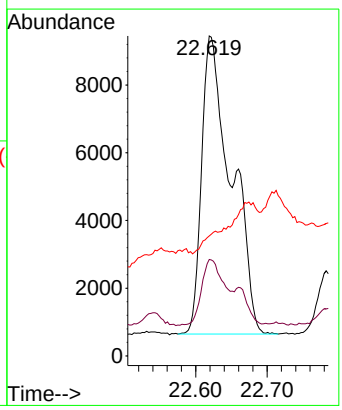


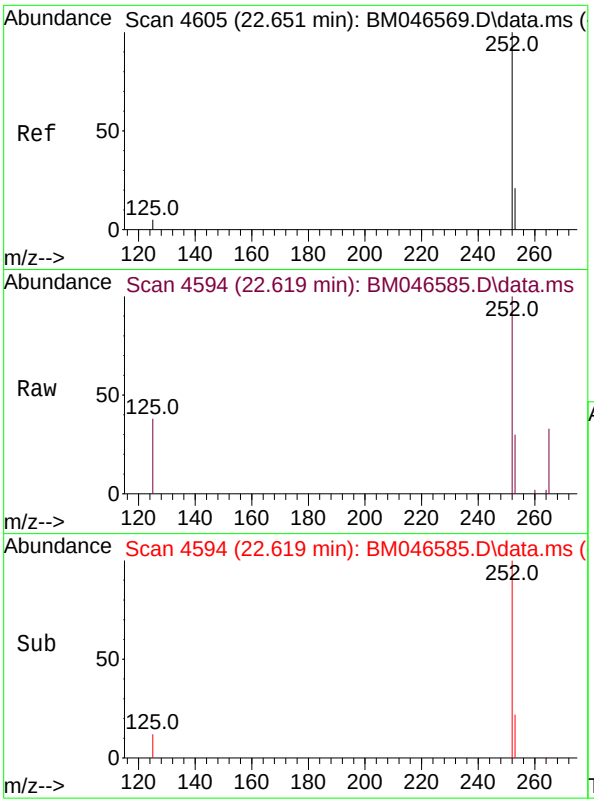


#24
Benzo(b)fluoranthene
Concen: 0.516 ng/ul
RT: 22.619 min Scan# 4594
Delta R.T. 0.009 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

Tgt Ion:252 Resp: 25408

Ion	Ratio	Lower	Upper
252	100		
253	30.2	0.0	56.2
125	37.5	0.0	17.8#



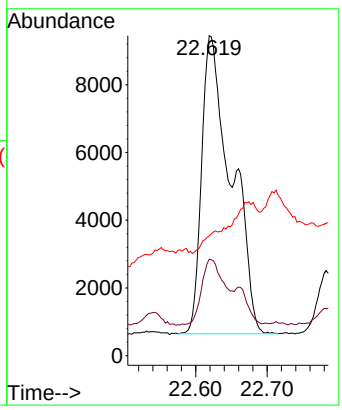


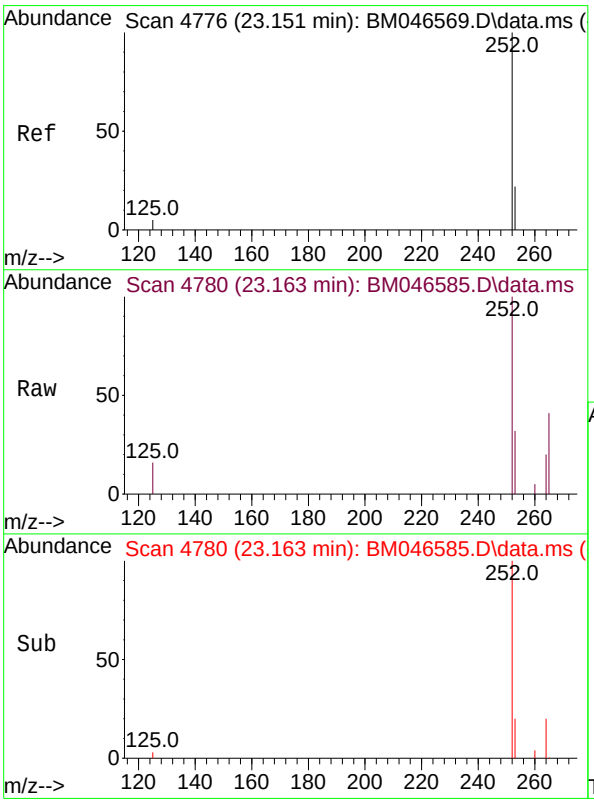
#25
Benzo(k)fluoranthene
Concen: 0.525 ng/ul
RT: 22.619 min Scan# 4
Delta R.T. -0.032 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

Instrument :
BNA_M
ClientSampleId :
A4CC4

Tgt Ion:252 Resp: 25408

Ion	Ratio	Lower	Upper
252	100		
253	30.2	22.4	33.6
125	37.5	7.0	10.4#

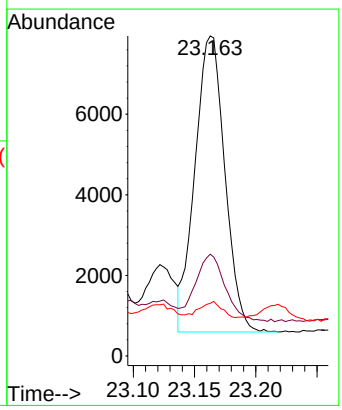


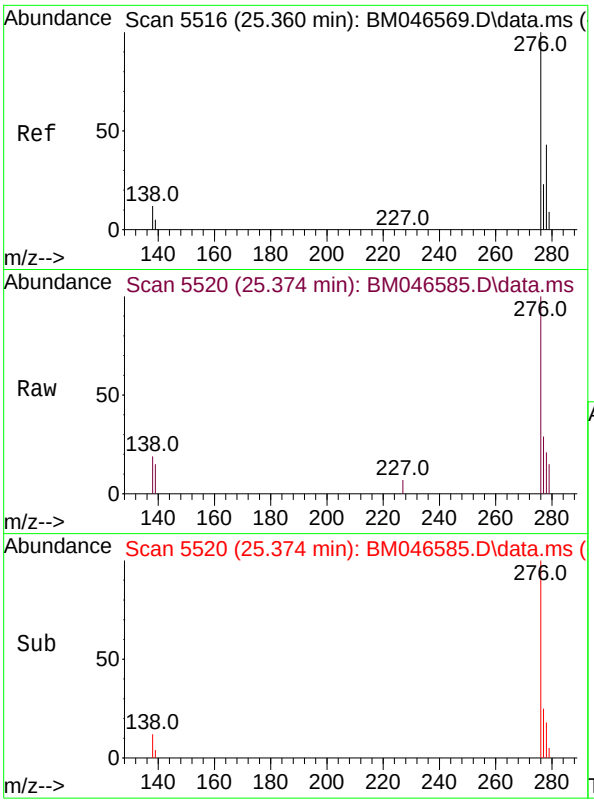


#26
Benzo(a)pyrene
Concen: 0.308 ng/ul
RT: 23.163 min Scan# 4780
Delta R.T. 0.012 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

Tgt Ion:252 Resp: 12495

Ion	Ratio	Lower	Upper
252	100		
253	31.8	24.0	36.0
125	16.5	8.2	12.2#



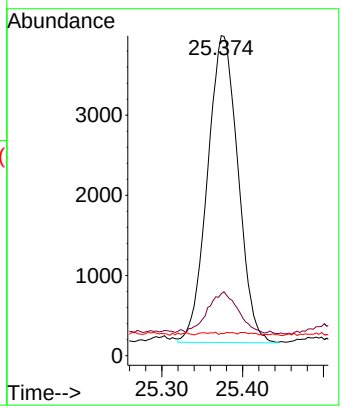


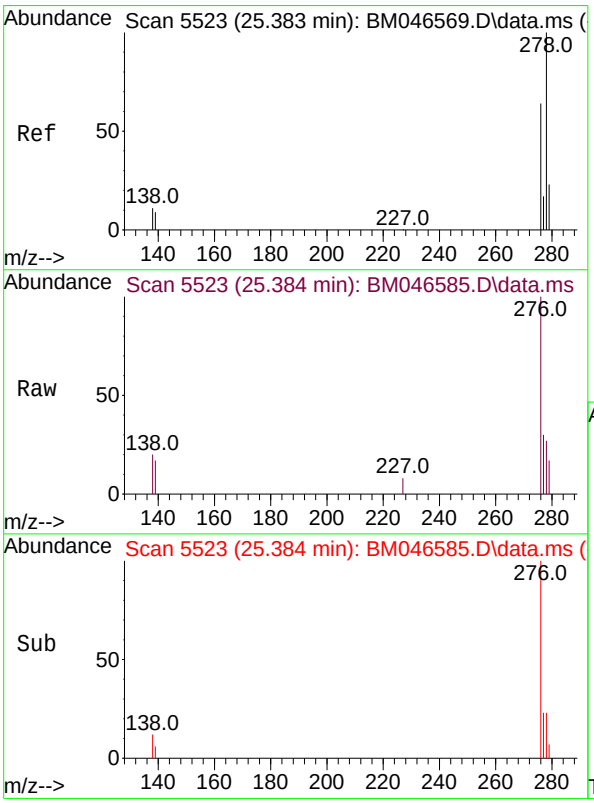
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.163 ng/ul
RT: 25.374 min Scan# 5
Delta R.T. 0.014 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

Instrument :
BNA_M
ClientSampleId :
A4CC4

Tgt Ion:276 Resp: 10052

Ion	Ratio	Lower	Upper
276	100		
138	13.2	0.0	0.0#
227	0.1	0.2	0.2#

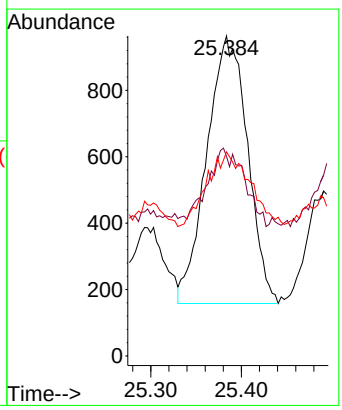


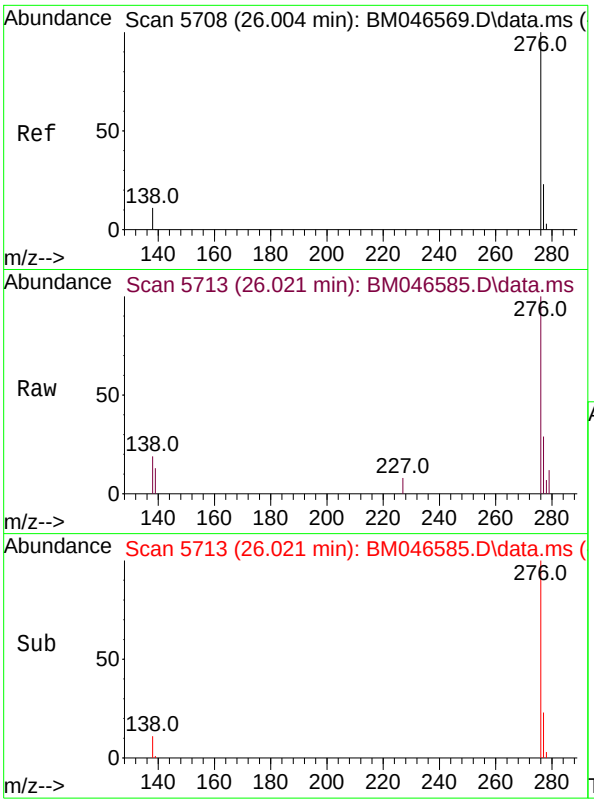


#28
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul
RT: 25.384 min Scan# 5523
Delta R.T. 0.000 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

Tgt Ion:278 Resp: 2519

Ion	Ratio	Lower	Upper
278	100		
139	62.3	9.1	13.7#
279	63.8	23.2	34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.195 ng/ul
RT: 26.021 min Scan# 5
Delta R.T. 0.017 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

Instrument :
BNA_M
ClientSampleId :
A4CC4

Tgt Ion:276 Resp: 9597

Ion	Ratio	Lower	Upper
276	100		
138	19.4	10.2	15.4#
277	28.7	20.9	31.3