Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046421.D
Acq On : 06 Jul 2024 16:24
Operator : MA/JU
Sample : P2982-22
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BC5

Quant Time: Jul 08 00:49:24 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	7.535	152	11720	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	34841	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.182	164	20765	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	39762	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	16646	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	16232	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	26150	2.160	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	11840	0.230	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	16301	0.280	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	13.899	152	7709	0.073	ng/ul	96
11) Acenaphthene	14.242	153	3502	0.051	ng/ul	98
12) Fluorene	15.236	166	3865	0.048	ng/ul#	91
15) Phenanthrene	16.971	178	81264	0.682	ng/ul	99
16) Anthracene	17.064	178	13598	0.118	ng/ul	98
19) Fluoranthene	19.001	202	137173	1.630	ng/ul	97
20) Pyrene	19.363	202	116647	1.347	ng/ul#	95
21) Benzo(a)anthracene	21.123	228	45052	0.606	ng/ul	93
22) Chrysene	21.172	228	51412	0.695	ng/ul	97
24) Benzo(b)fluoranthene	22.657	252	85953	1.246	ng/ul	96
25) Benzo(k)fluoranthene	22.657	252	85894	1.233	ng/ul#	95
26) Benzo(a)pyrene	23.204	252	38699	0.709	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.441	276	33432	0.454	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.451	278	7874	0.138	ng/ul#	65
29) Benzo(g,h,i)perylene	26.088	276	33290	0.567	ng/ul	97

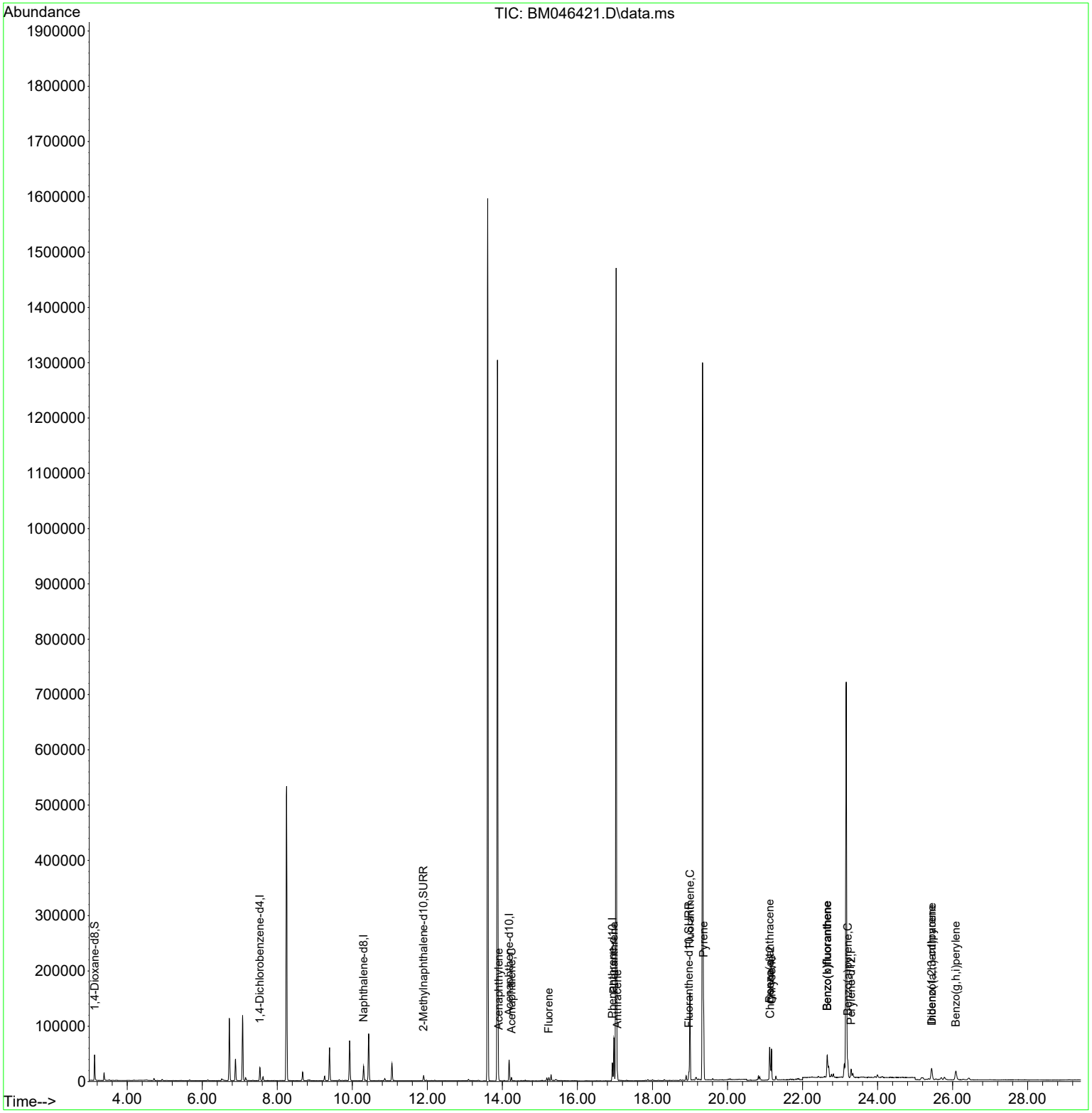
(#) = qualifier out of range (m) = manual integration (+) = signals summed

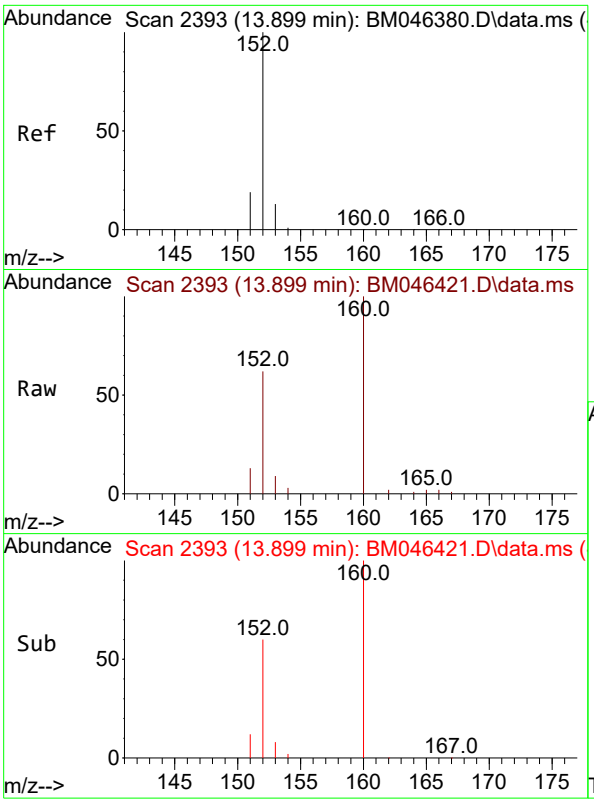
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046421.D
Acq On : 06 Jul 2024 16:24
Operator : MA/JU
Sample : P2982-22
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BC5

Quant Time: Jul 08 00:49:24 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



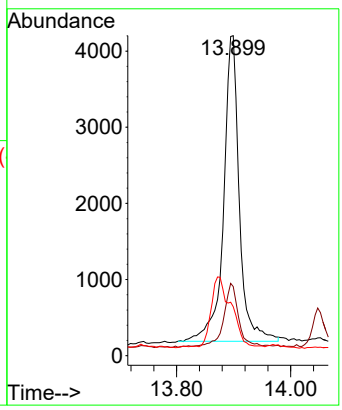


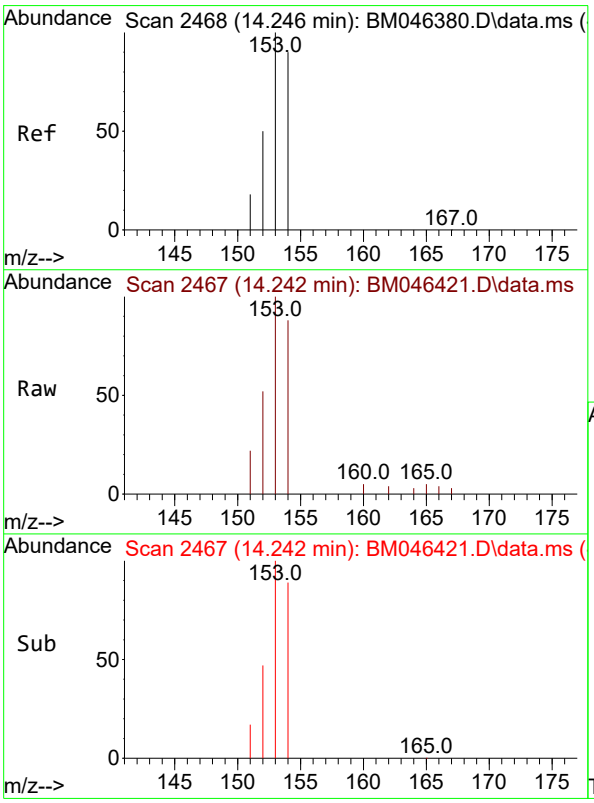
#10
Acenaphthylene
Concen: 0.073 ng/ul
RT: 13.899 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

Instrument :
BNA_M
ClientSampleId :
A4BC5

Tgt Ion:152 Resp: 7709

Ion	Ratio	Lower	Upper
152	100		
151	21.6	15.9	23.9
153	15.3	11.0	16.6

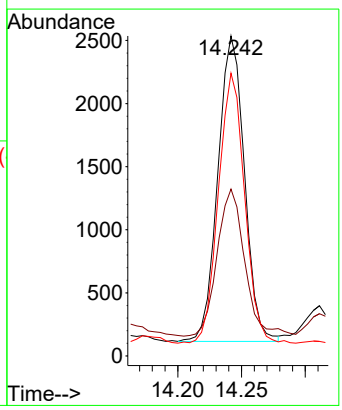


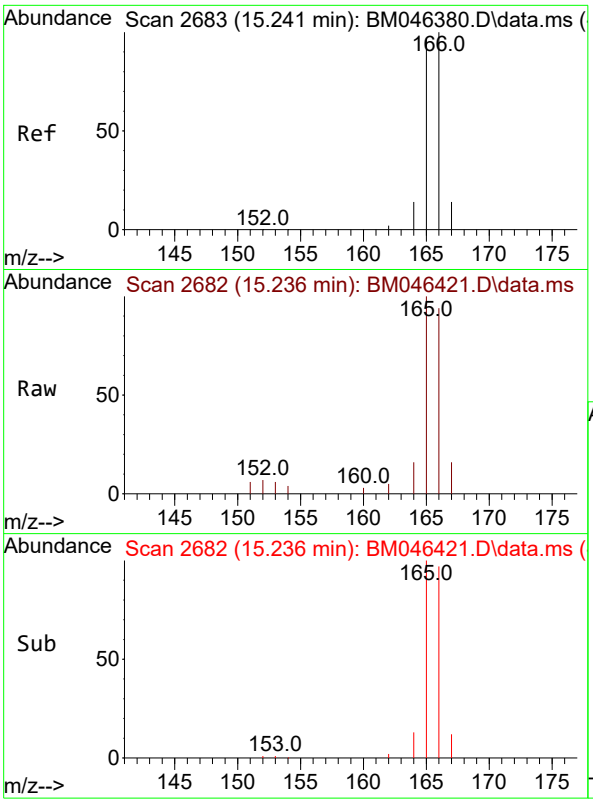


#11
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.242 min Scan# 2467
Delta R.T. -0.004 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

Tgt Ion:153 Resp: 3502

Ion	Ratio	Lower	Upper
153	100		
152	52.2	40.4	60.6
154	88.4	72.1	108.1



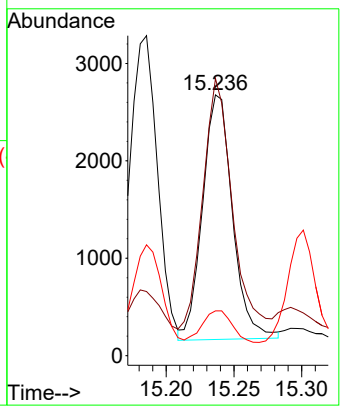


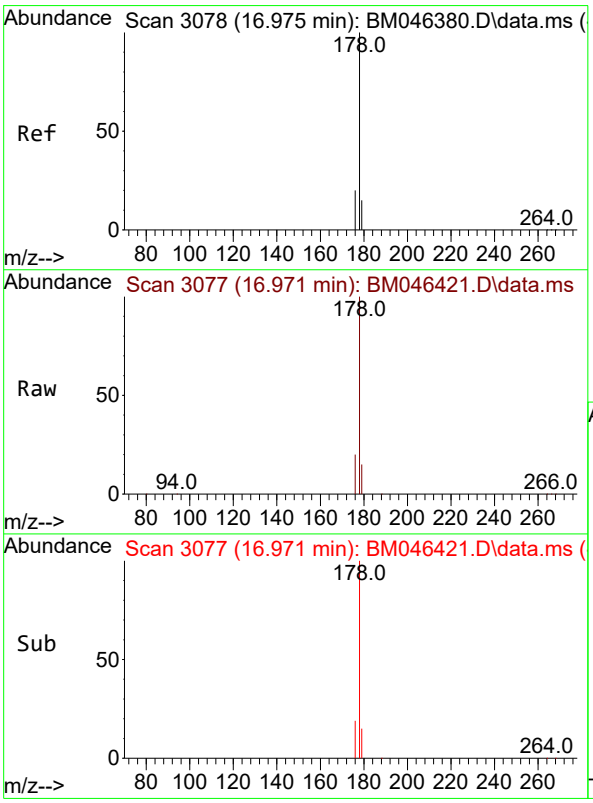
#12
Fluorene
Concen: 0.048 ng/ul
RT: 15.236 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

Instrument :
BNA_M
ClientSampleId :
A4BC5

Tgt Ion:166 Resp: 3865

Ion	Ratio	Lower	Upper
166	100		
165	106.3	78.0	117.0
167	17.2	11.4	17.0#

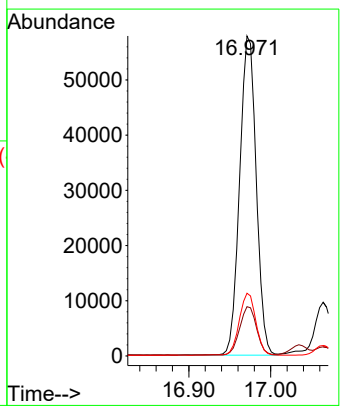


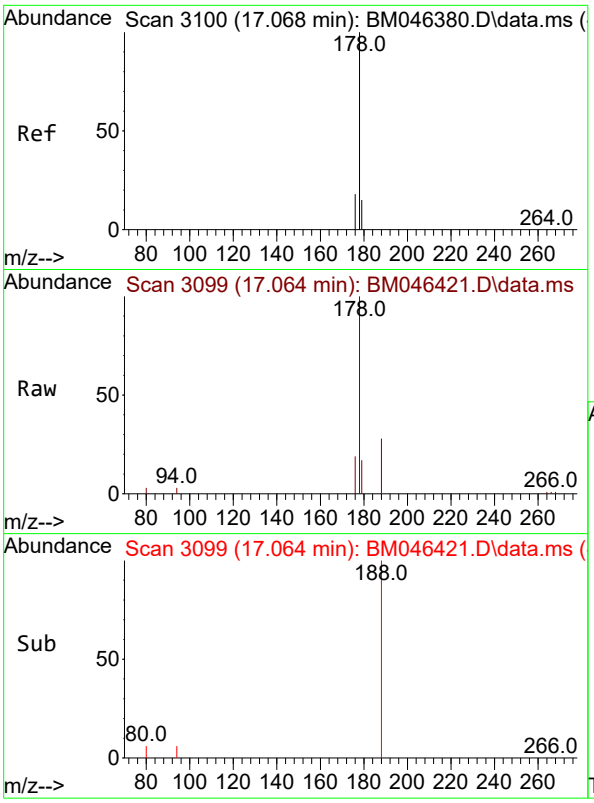


#15
Phenanthrene
Concen: 0.682 ng/ul
RT: 16.971 min Scan# 3077
Delta R.T. -0.004 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

Tgt Ion:178 Resp: 81264

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.7	19.1
176	19.6	16.0	24.0



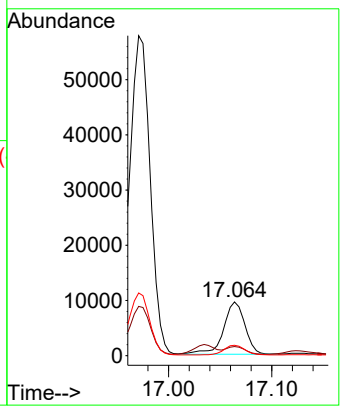


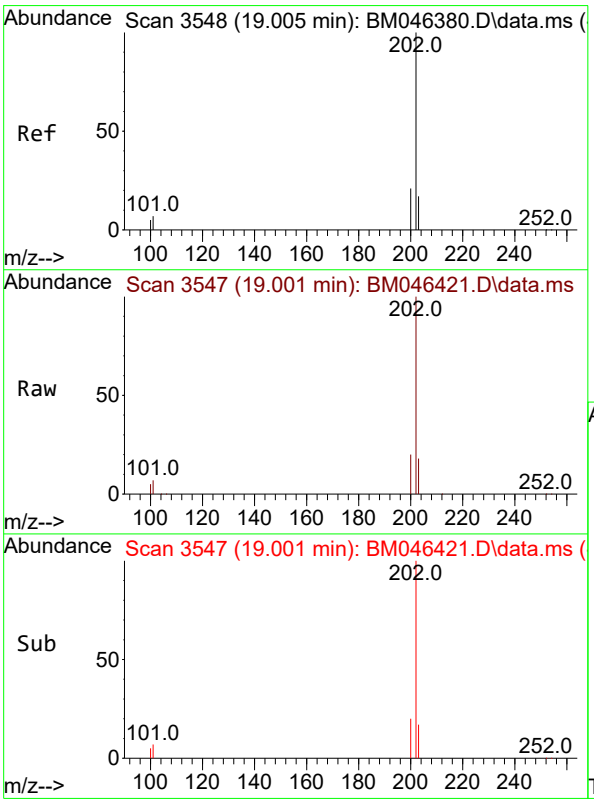
#16
Anthracene
Concen: 0.118 ng/ul
RT: 17.064 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

Instrument :
BNA_M
ClientSampleId :
A4BC5

Tgt Ion:178 Resp: 13598

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.6	18.8
176	19.5	14.9	22.3

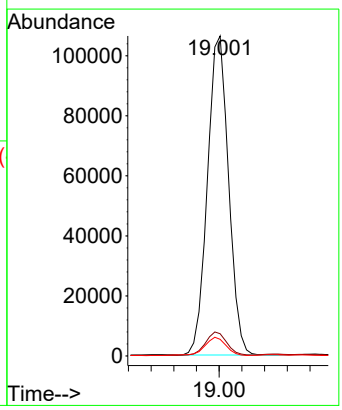


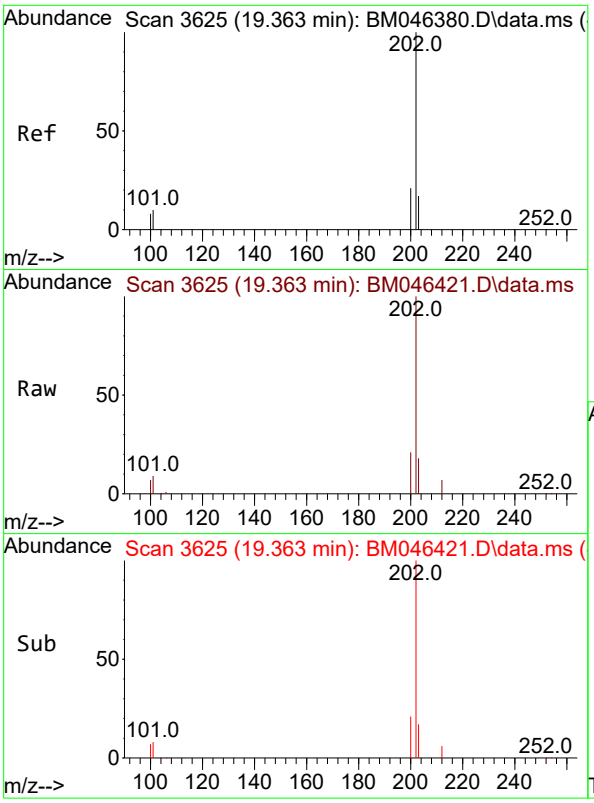


#19
Fluoranthene
Concen: 1.630 ng/ul
RT: 19.001 min Scan# 3547
Delta R.T. -0.005 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

Tgt Ion:202 Resp: 137173

Ion	Ratio	Lower	Upper
202	100		
101	7.0	6.3	9.5
100	5.2	5.0	7.6



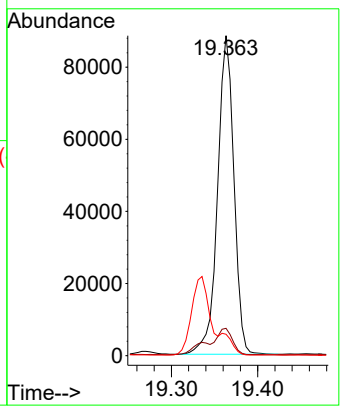


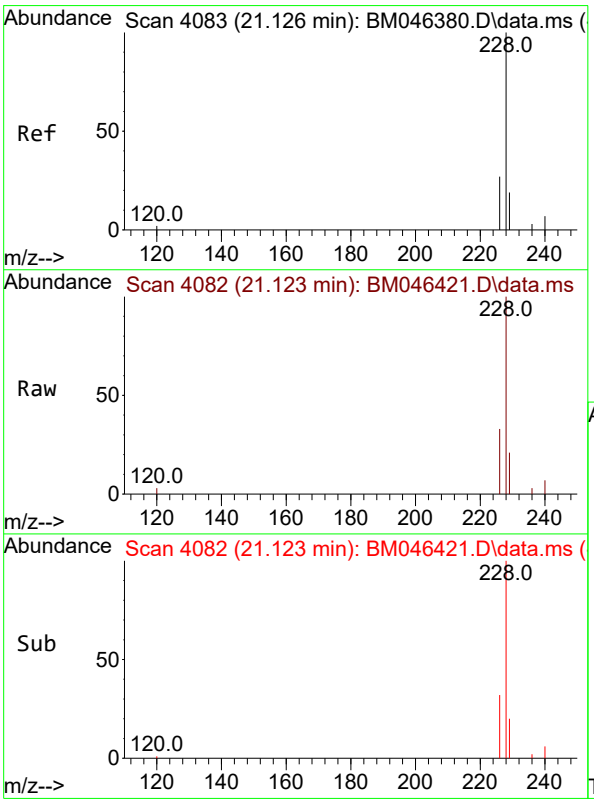
#20
Pyrene
Concen: 1.347 ng/ul
RT: 19.363 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

Instrument :
BNA_M
ClientSampleId :
A4BC5

Tgt Ion:202 Resp: 116647

Ion	Ratio	Lower	Upper
202	100		
101	8.6	8.2	12.4
100	6.7	6.9	10.3#

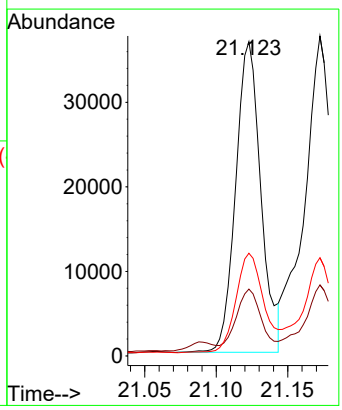


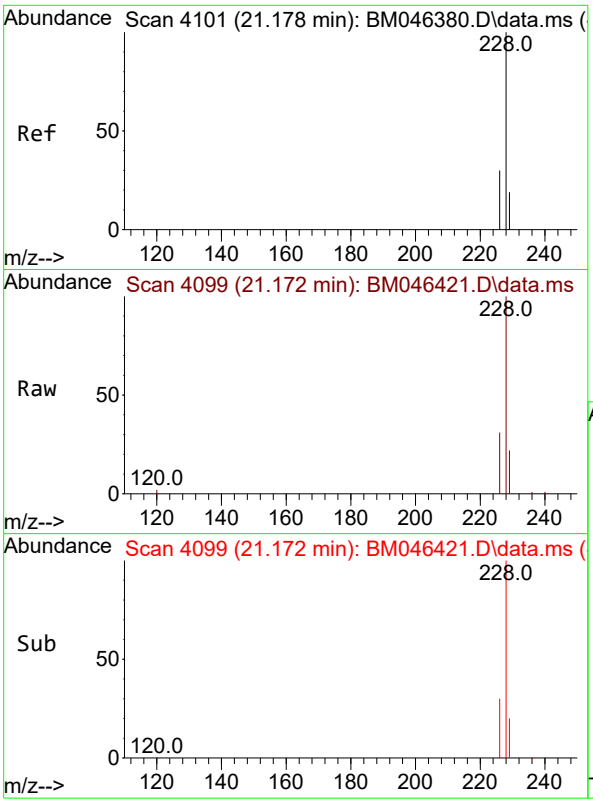


#21
Benzo(a)anthracene
Concen: 0.606 ng/ul
RT: 21.123 min Scan# 4082
Delta R.T. -0.003 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

Tgt Ion:228 Resp: 45052

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.6
226	32.7	22.0	33.0



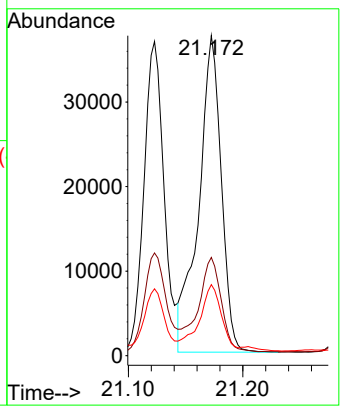


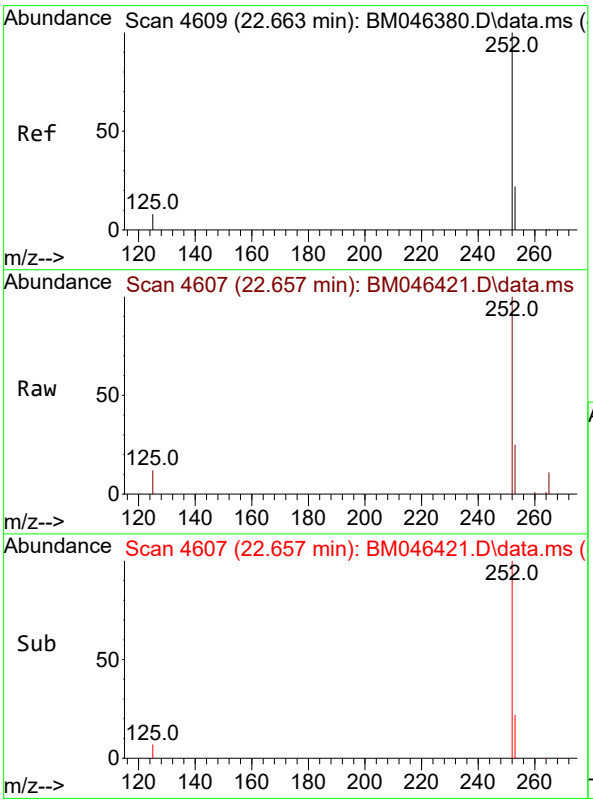
#22
Chrysene
Concen: 0.695 ng/ul
RT: 21.172 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

Instrument :
BNA_M
ClientSampleId :
A4BC5

Tgt Ion:228 Resp: 51412

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	22.2	15.8	23.6

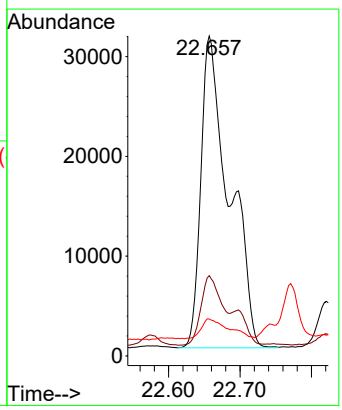


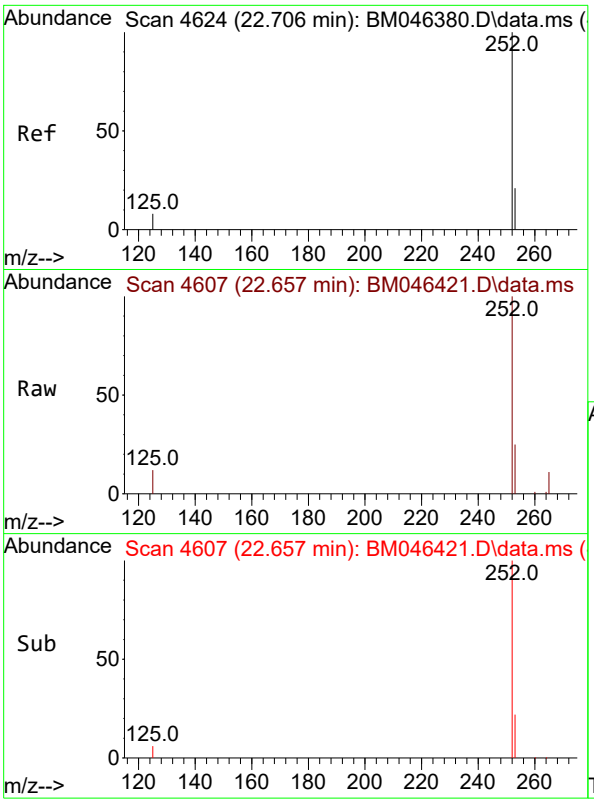


#24
Benzo(b)fluoranthene
Concen: 1.246 ng/ul
RT: 22.657 min Scan# 4607
Delta R.T. -0.006 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

Tgt Ion:252 Resp: 85953

Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	47.0
125	11.6	0.0	18.4



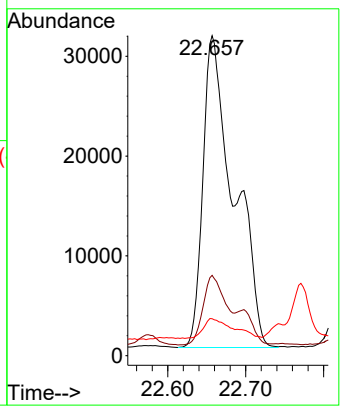


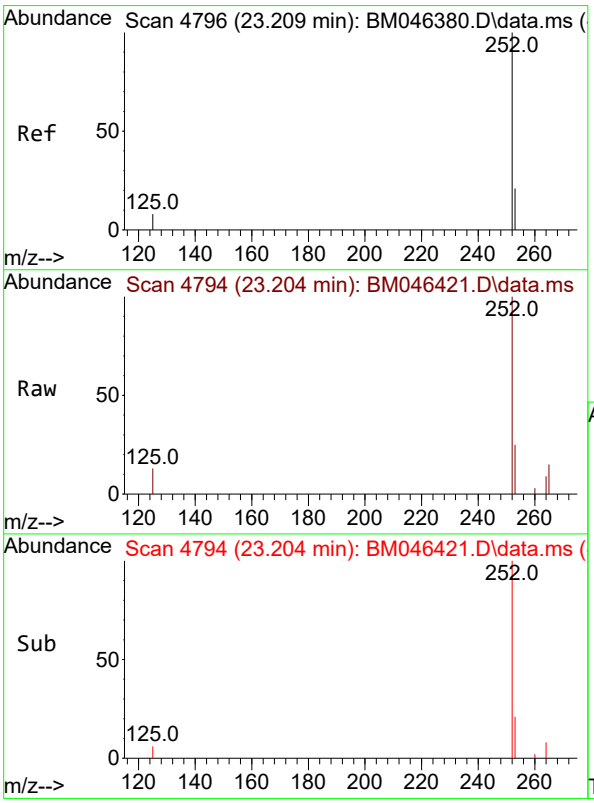
#25
Benzo(k)fluoranthene
Concen: 1.233 ng/ul
RT: 22.657 min Scan# 4
Delta R.T. -0.050 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

Instrument :
BNA_M
ClientSampleId :
A4BC5

Tgt Ion:252 Resp: 85894

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.4	27.6
125	11.6	7.5	11.3#

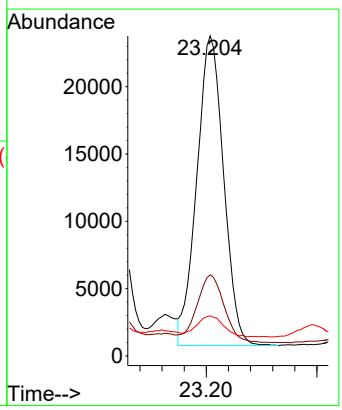


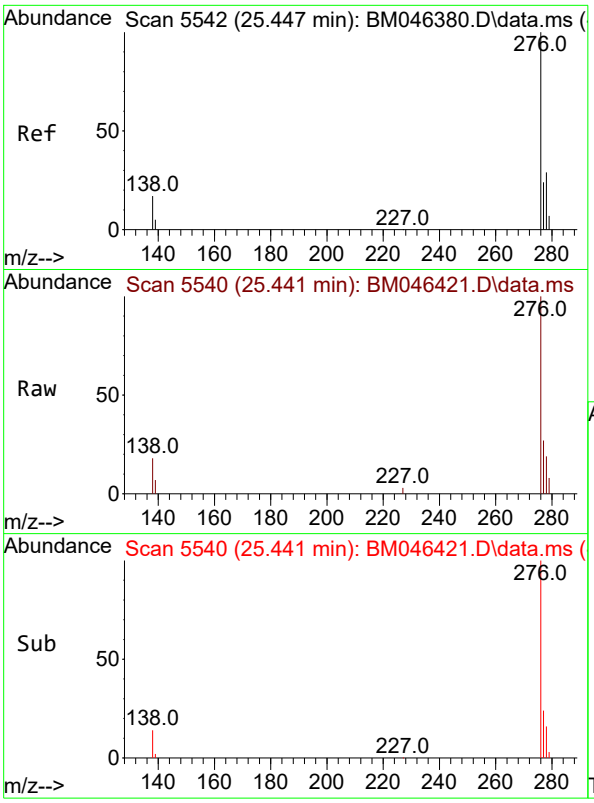


#26
Benzo(a)pyrene
Concen: 0.709 ng/ul
RT: 23.204 min Scan# 4794
Delta R.T. -0.006 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

Tgt Ion:252 Resp: 38699

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.9	28.3
125	12.5	8.1	12.1#



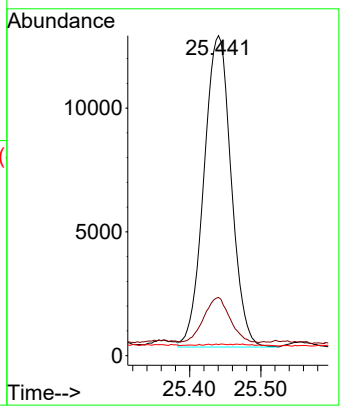


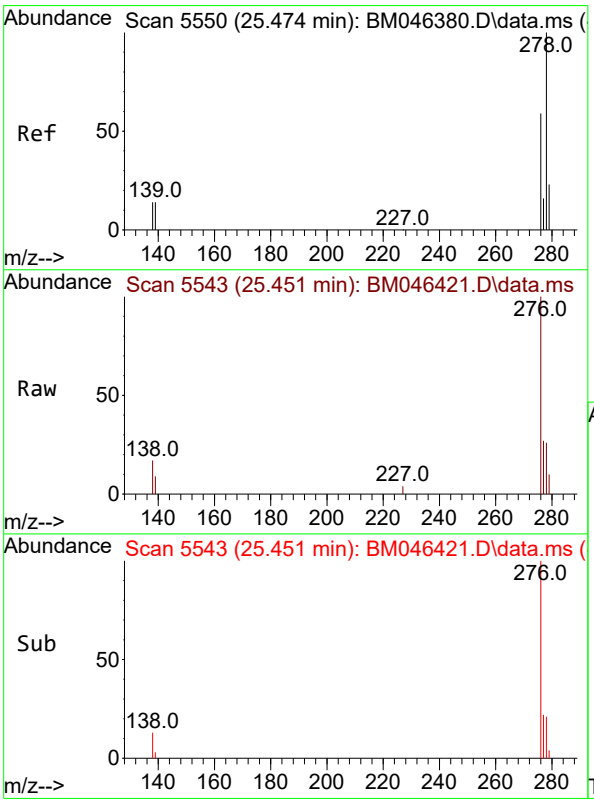
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.454 ng/ul
RT: 25.441 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

Instrument :
BNA_M
ClientSampleId :
A4BC5

Tgt Ion:276 Resp: 33432

Ion	Ratio	Lower	Upper
276	100		
138	13.9	15.7	23.5#
227	0.1	0.1	0.1#

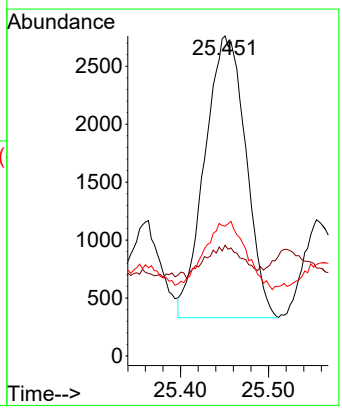


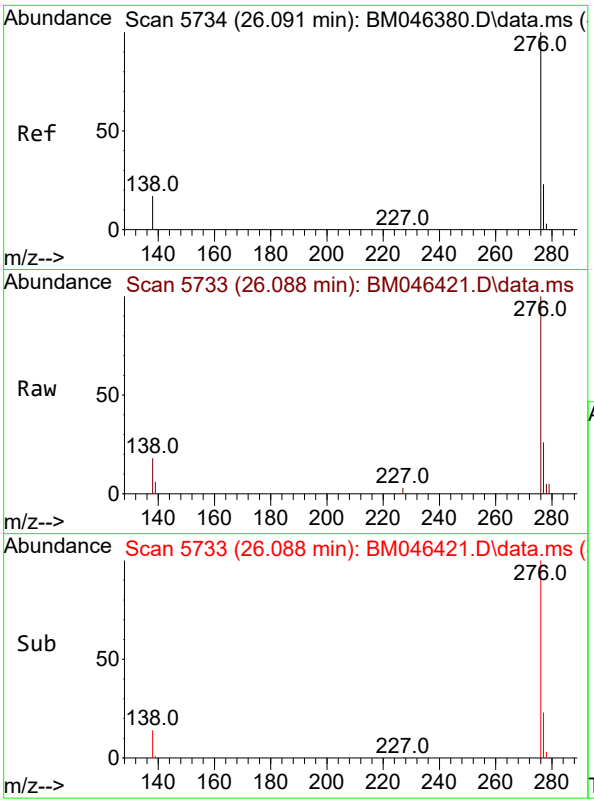


#28
Dibenzo(a,h)anthracene
Concen: 0.138 ng/ul
RT: 25.451 min Scan# 5543
Delta R.T. -0.023 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

Tgt Ion:278 Resp: 7874

Ion	Ratio	Lower	Upper
278	100		
139	34.6	12.6	18.8#
279	40.6	20.7	31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.567 ng/ul
RT: 26.088 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM046421.D
Acq: 06 Jul 2024 16:24

Instrument :
BNA_M
ClientSampleId :
A4BC5

Tgt Ion:276 Resp: 33290

Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.4	23.0
277	26.3	19.7	29.5