Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046645.D
Acq On : 16 Jul 2024 22:34
Operator : MA/JU
Sample : P3177-25MSD
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BS2MSD

Quant Time: Jul 17 00:40:23 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	7.501	152	2434	0.400	ng/ul		0.00
4) Naphthalene-d8	10.260	136	6695	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.146	164	4472	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.896	188	10059	0.400	ng/ul		0.00
17) Chrysene-d12	21.102	240	8619	0.400	ng/ul	#	0.00
23) Perylene-d12	23.241	264	9735	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.113	96	651	0.326	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.860	152	2826	0.262	ng/ul		0.00
18) Fluoranthene-d10	18.937	212	8378	0.319	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.147	88	1732	0.812	ng/ul	#	78
5) Naphthalene	10.310	128	4936	0.290	ng/ul		99
7) 2-Methylnaphthalene	11.932	142	3355	0.280	ng/ul		97
8) 1-Methylnaphthalene	12.157	142	3265	0.267	ng/ul		99
10) Acenaphthylene	13.859	152	7269	0.357	ng/ul		98
11) Acenaphthene	14.206	153	4158	0.305	ng/ul		97
12) Fluorene	15.201	166	5302	0.314	ng/ul		96
14) Pentachlorophenol	16.554	266	2229	0.437	ng/ul		98
15) Phenanthrene	16.939	178	16386	0.571	ng/ul		99
16) Anthracene	17.027	178	10452	0.373	ng/ul		100
19) Fluoranthene	18.965	202	32223	0.910	ng/ul		99
20) Pyrene	19.327	202	34621	0.903	ng/ul		99
21) Benzo(a)anthracene	21.087	228	22556	0.592	ng/ul		96
22) Chrysene	21.140	228	23901	0.648	ng/ul		98
24) Benzo(b)fluoranthene	22.610	252	27469	0.706	ng/ul		97
25) Benzo(k)fluoranthene	22.648	252	17125	0.449	ng/ul	#	93
26) Benzo(a)pyrene	23.148	252	22163	0.693	ng/ul	#	95
27) Indeno(1,2,3-cd)pyrene	25.363	276	22798	0.468	ng/ul	#	100
28) Dibenzo(a,h)anthracene	25.380	278	12817	0.332	ng/ul	#	94
29) Benzo(g,h,i)perylene	26.003	276	19974	0.514	ng/ul		98

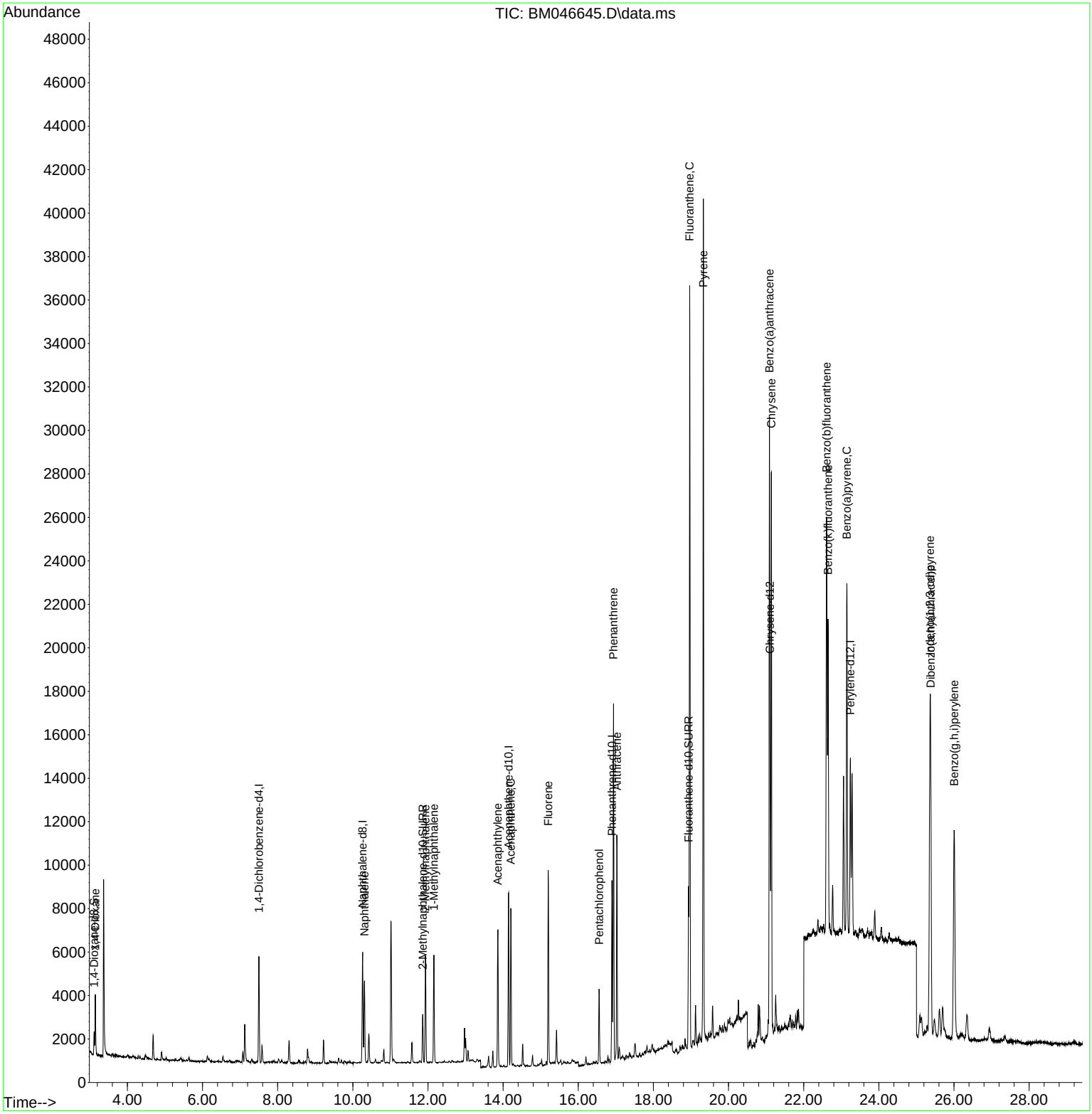
(#) = qualifier out of range (m) = manual integration (+) = signals summed

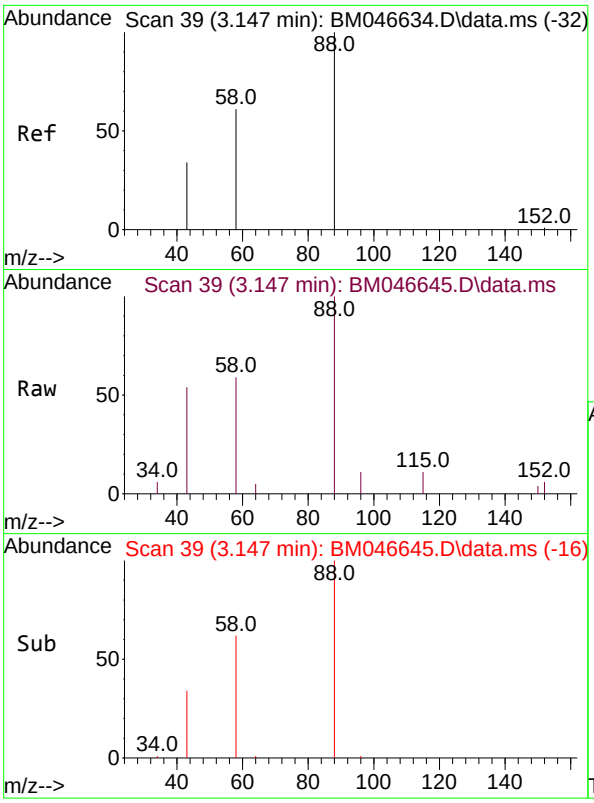
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046645.D
Acq On : 16 Jul 2024 22:34
Operator : MA/JU
Sample : P3177-25MSD
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BS2MSD

Quant Time: Jul 17 00:40:23 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



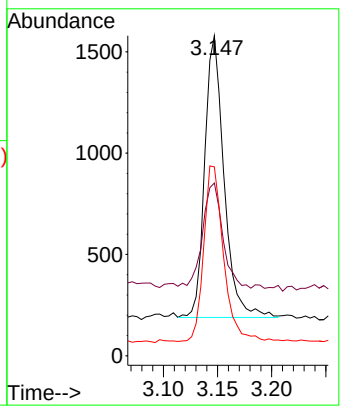


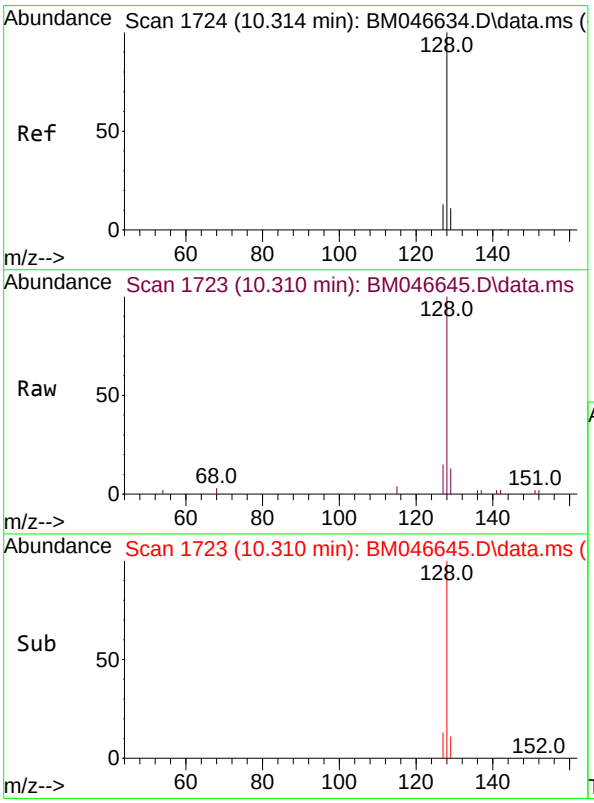
#2
1,4-Dioxane
Concen: 0.812 ng/ul
RT: 3.147 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Instrument :
BNA_M
ClientSampleId :
A4BS2MSD

Tgt Ion: 88 Resp: 1732

Ion	Ratio	Lower	Upper
88	100		
43	54.0	70.2	105.4#
58	59.0	48.2	72.4

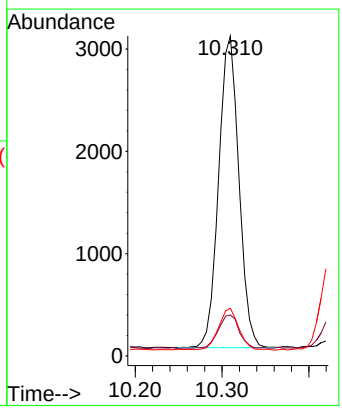


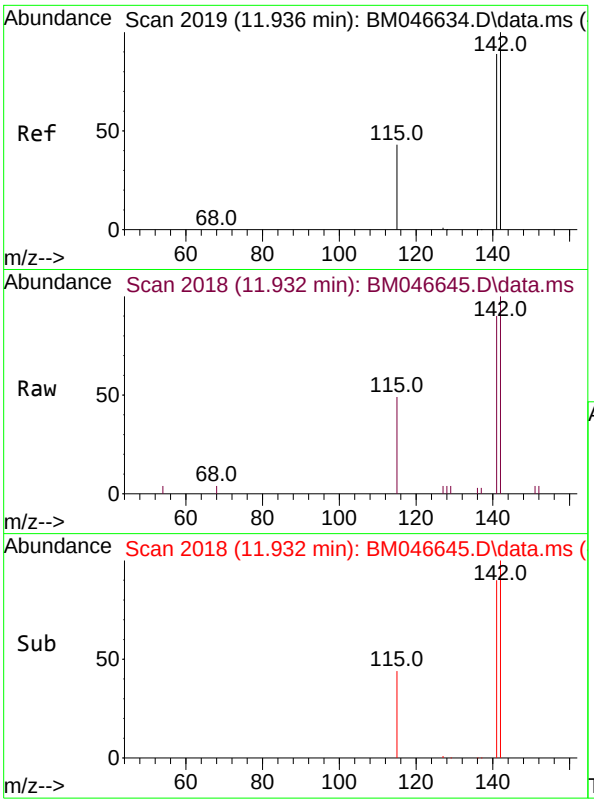


#5
Naphthalene
Concen: 0.290 ng/ul
RT: 10.310 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Tgt Ion:128 Resp: 4936

Ion	Ratio	Lower	Upper
128	100		
129	12.8	10.3	15.5
127	14.9	12.2	18.4



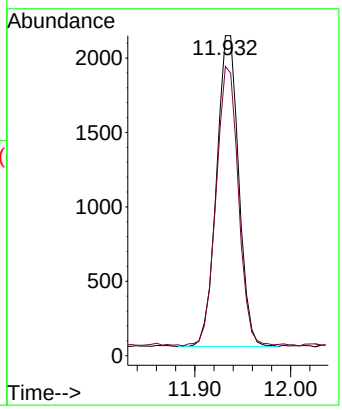


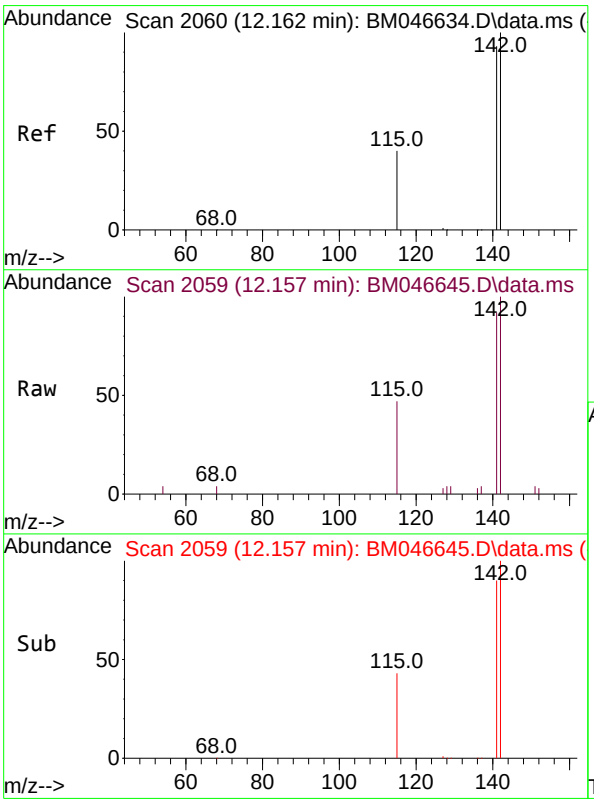
#7
2-Methylnaphthalene
Concen: 0.280 ng/ul
RT: 11.932 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Instrument :
BNA_M
ClientSampleId :
A4BS2MSD

Tgt Ion:142 Resp: 3355

Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.3	105.5

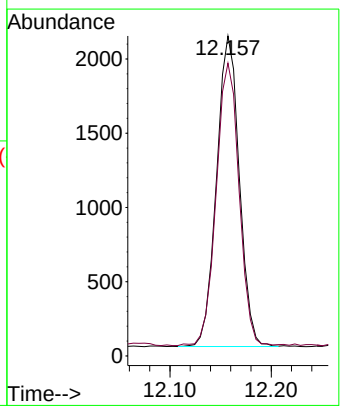


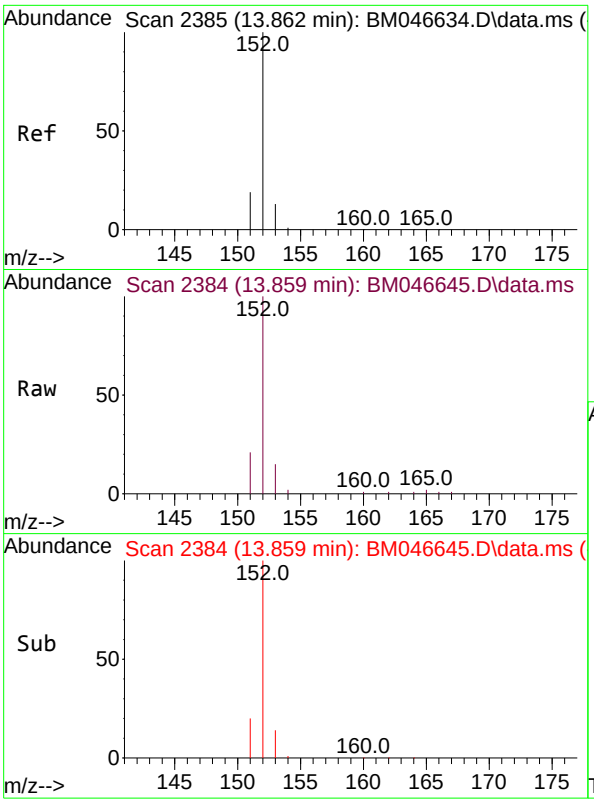


#8
1-Methylnaphthalene
Concen: 0.267 ng/ul
RT: 12.157 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Tgt Ion:142 Resp: 3265

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.9	110.9



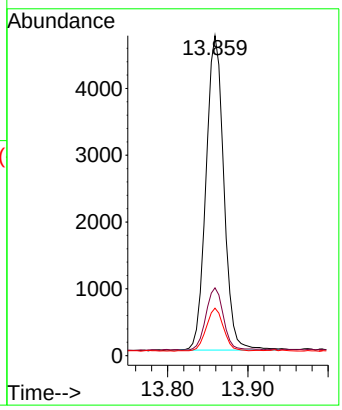


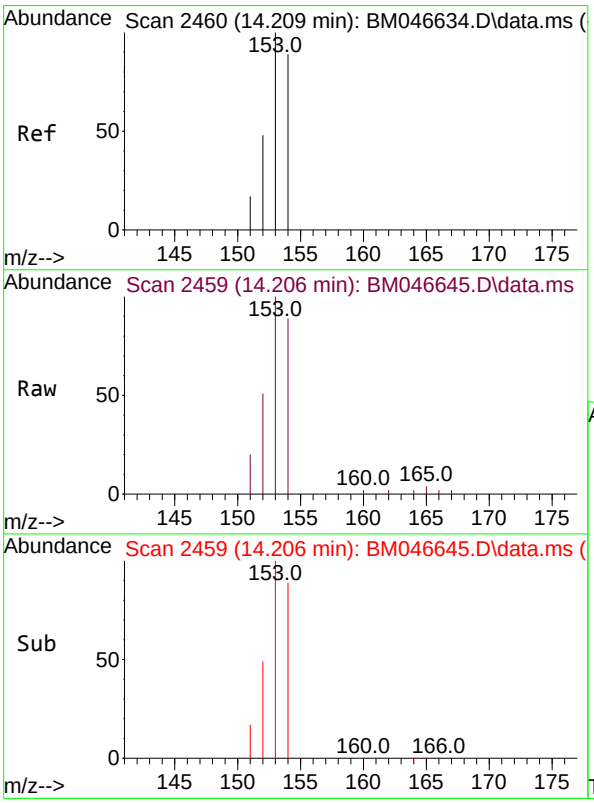
#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 13.859 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Instrument :
BNA_M
ClientSampleId :
A4BS2MSD

Tgt Ion:152 Resp: 7269

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.4	24.6
153	14.8	12.4	18.6

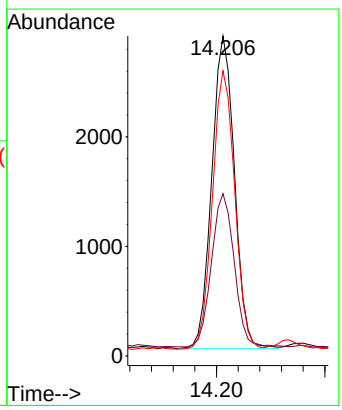


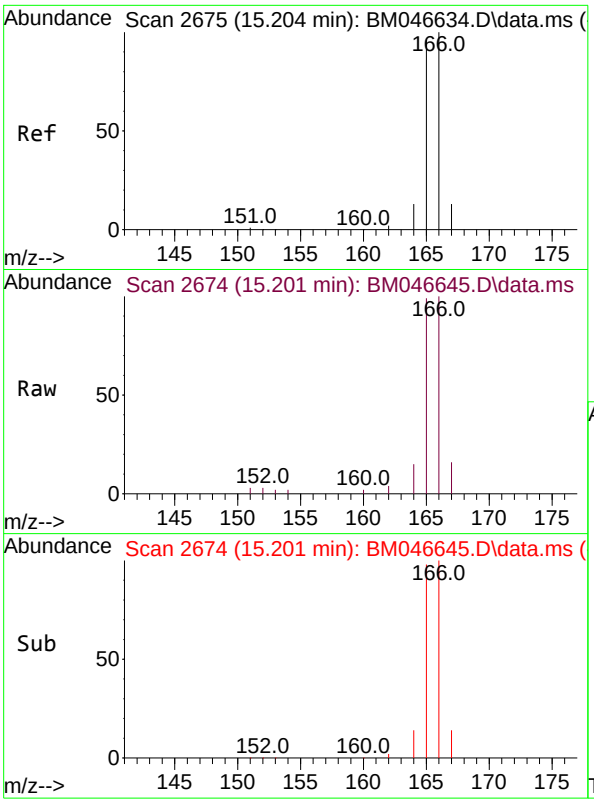


#11
Acenaphthene
Concen: 0.305 ng/ul
RT: 14.206 min Scan# 2459
Delta R.T. -0.005 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Tgt Ion:153 Resp: 4158

Ion	Ratio	Lower	Upper
153	100		
152	50.7	43.0	64.6
154	89.1	69.9	104.9



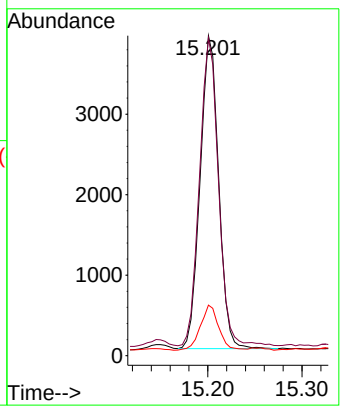


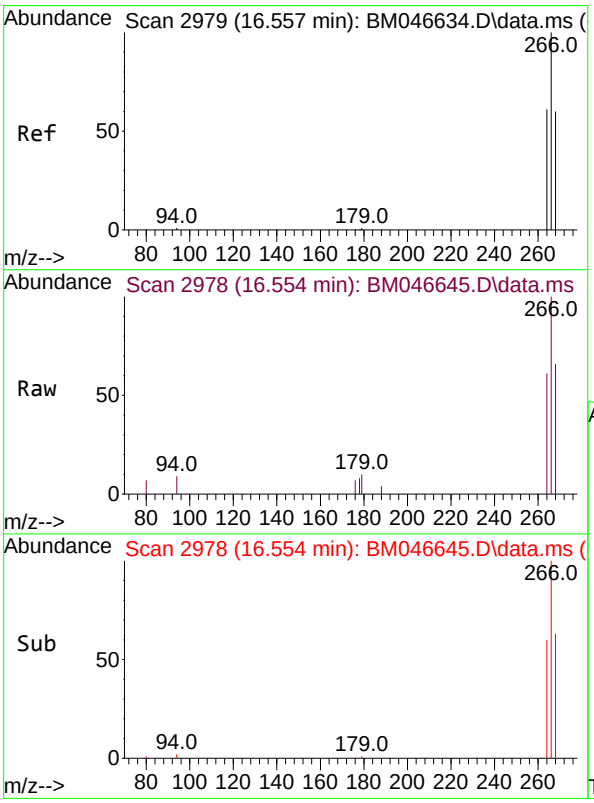
#12
Fluorene
Concen: 0.314 ng/ul
RT: 15.201 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Instrument :
BNA_M
ClientSampleId :
A4BS2MSD

Tgt Ion:166 Resp: 5302

Ion	Ratio	Lower	Upper
166	100		
165	99.3	76.1	114.1
167	15.8	12.5	18.7

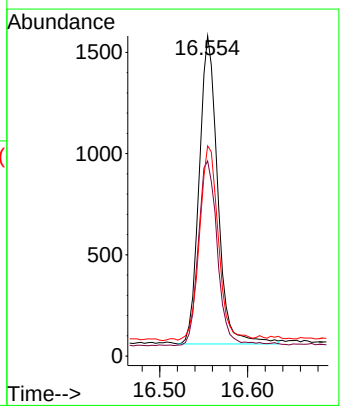


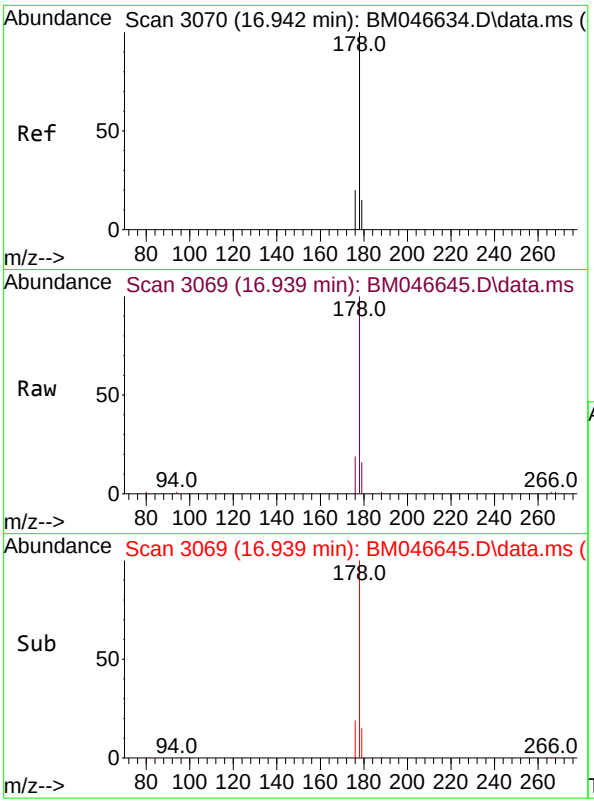


#14
Pentachlorophenol
Concen: 0.437 ng/ul
RT: 16.554 min Scan# 2978
Delta R.T. -0.000 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Tgt Ion:266 Resp: 2229

Ion	Ratio	Lower	Upper
266	100		
264	61.8	50.1	75.1
268	63.6	52.5	78.7



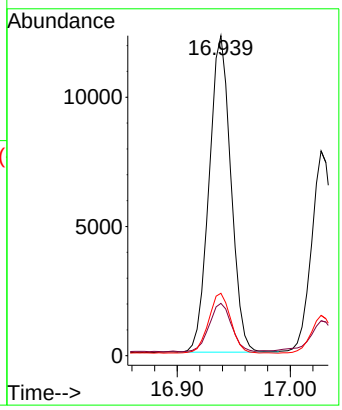


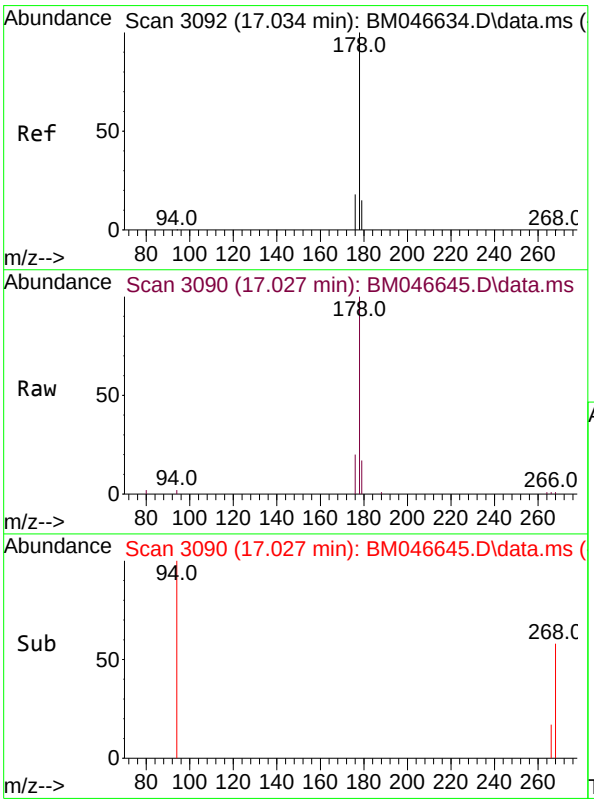
#15
Phenanthrene
Concen: 0.571 ng/ul
RT: 16.939 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Instrument :
BNA_M
ClientSampleId :
A4BS2MSD

Tgt Ion:178 Resp: 16386

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.1	19.7
176	19.5	16.0	24.0

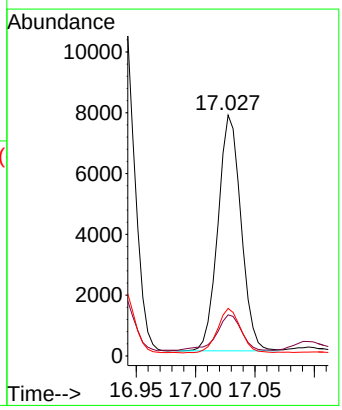


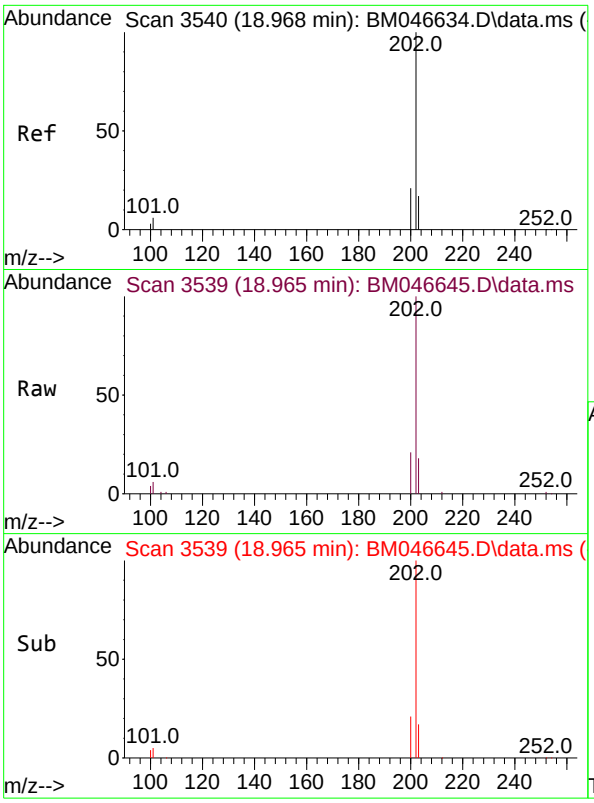


#16
Anthracene
Concen: 0.373 ng/ul
RT: 17.027 min Scan# 3090
Delta R.T. -0.005 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Tgt Ion:178 Resp: 10452

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.5	20.3
176	19.7	15.7	23.5



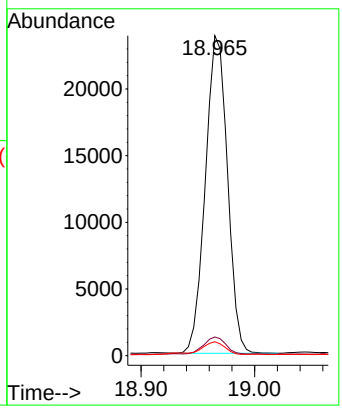


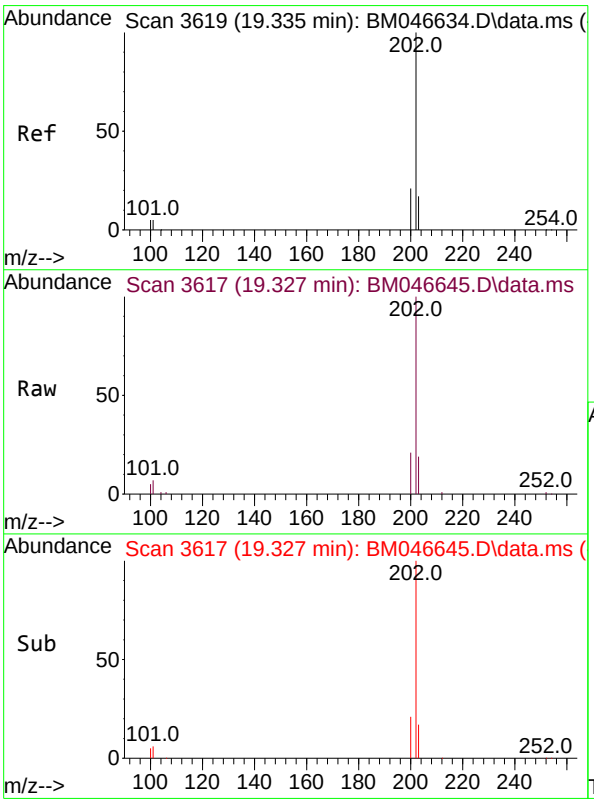
#19
Fluoranthene
Concen: 0.910 ng/ul
RT: 18.965 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Instrument :
BNA_M
ClientSampleId :
A4BS2MSD

Tgt Ion:202 Resp: 32223

Ion	Ratio	Lower	Upper
202	100		
101	5.9	4.6	6.8
100	4.4	3.0	4.6

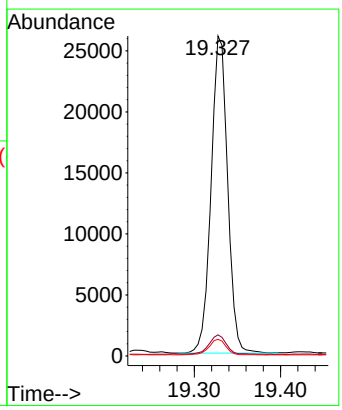


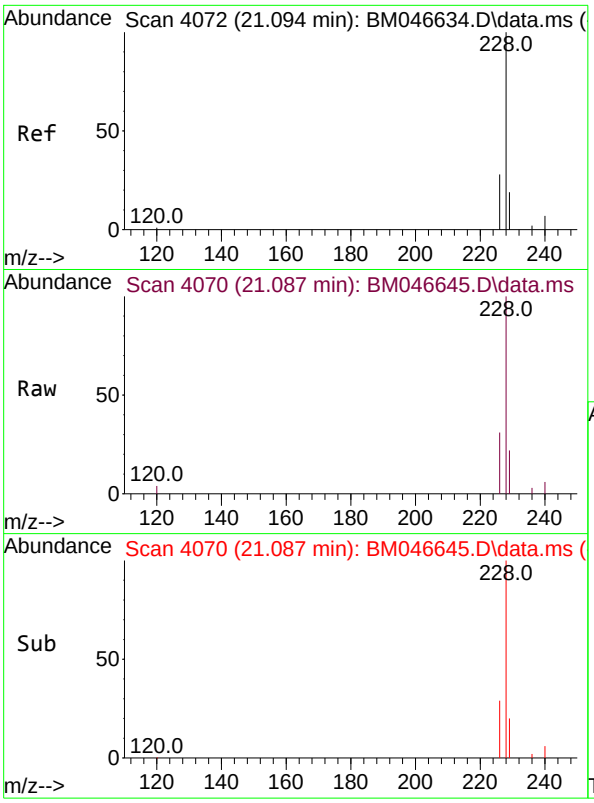


#20
Pyrene
Concen: 0.903 ng/ul
RT: 19.327 min Scan# 3617
Delta R.T. -0.005 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Tgt Ion:202 Resp: 34621

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.1	7.7
100	5.2	3.8	5.6



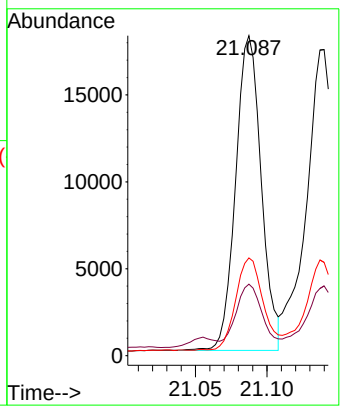


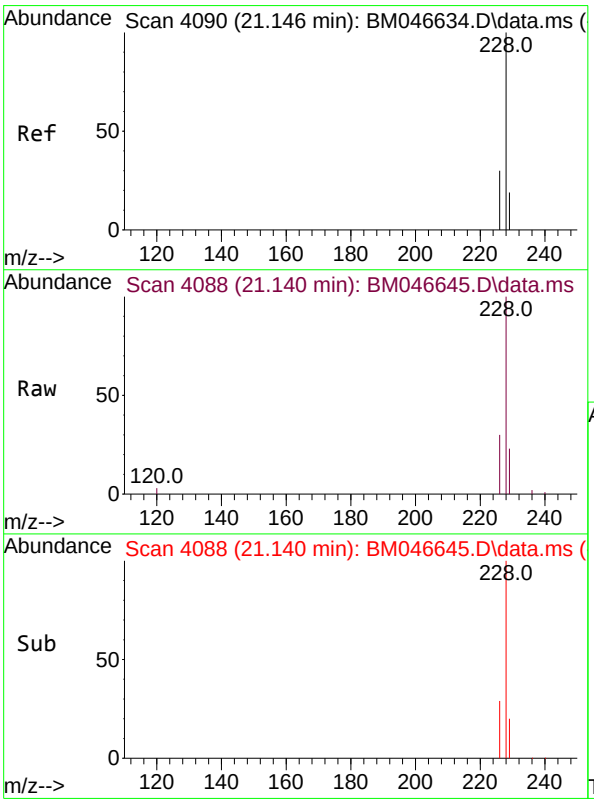
#21
Benzo(a)anthracene
Concen: 0.592 ng/ul
RT: 21.087 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Instrument :
BNA_M
ClientSampleId :
A4BS2MSD

Tgt Ion:228 Resp: 22556

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.5	24.7
226	30.6	22.5	33.7

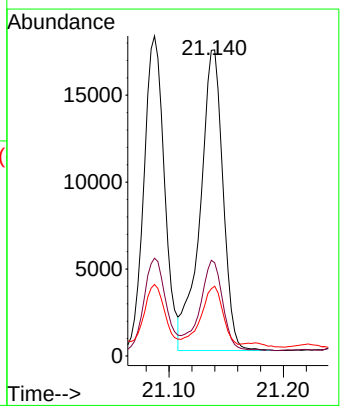


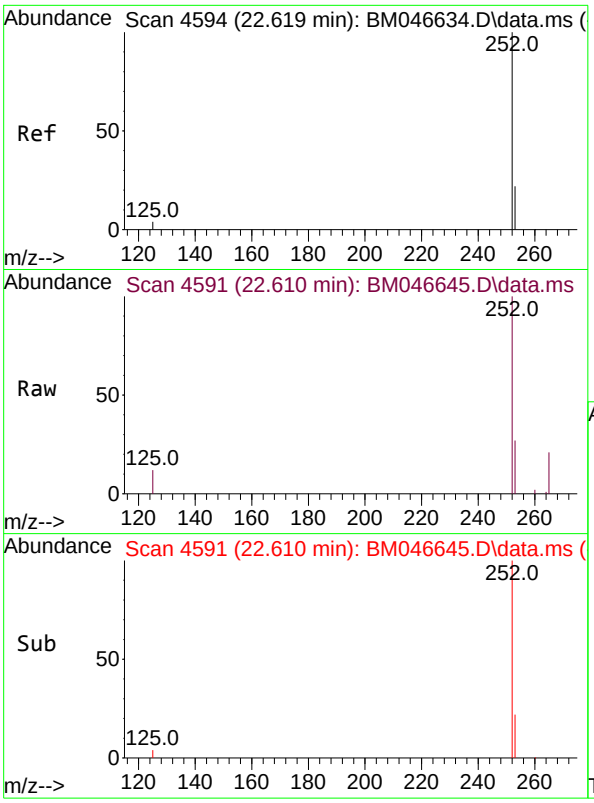


#22
Chrysene
Concen: 0.648 ng/ul
RT: 21.140 min Scan# 4088
Delta R.T. -0.000 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Tgt Ion:228 Resp: 23901

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	22.8	16.4	24.6



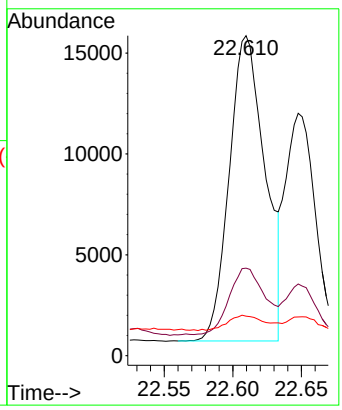


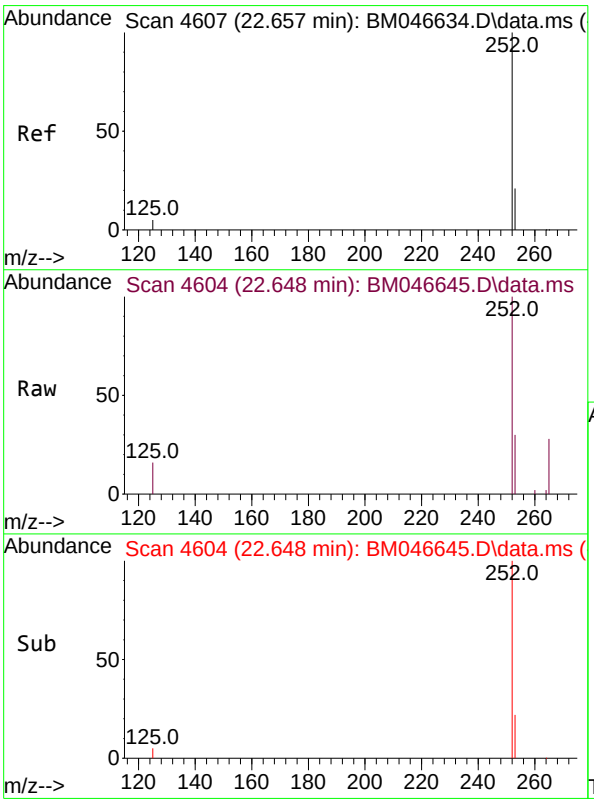
#24
Benzo(b)fluoranthene
Concen: 0.706 ng/ul
RT: 22.610 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Instrument :
BNA_M
ClientSampleId :
A4BS2MSD

Tgt Ion:252 Resp: 27469

Ion	Ratio	Lower	Upper
252	100		
253	27.3	0.0	56.2
125	12.3	0.0	17.8

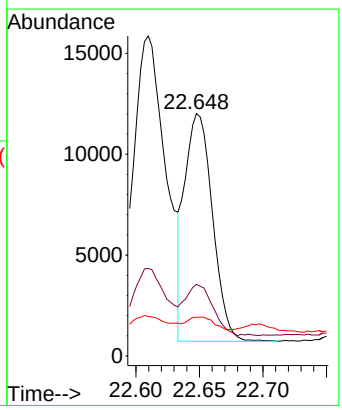


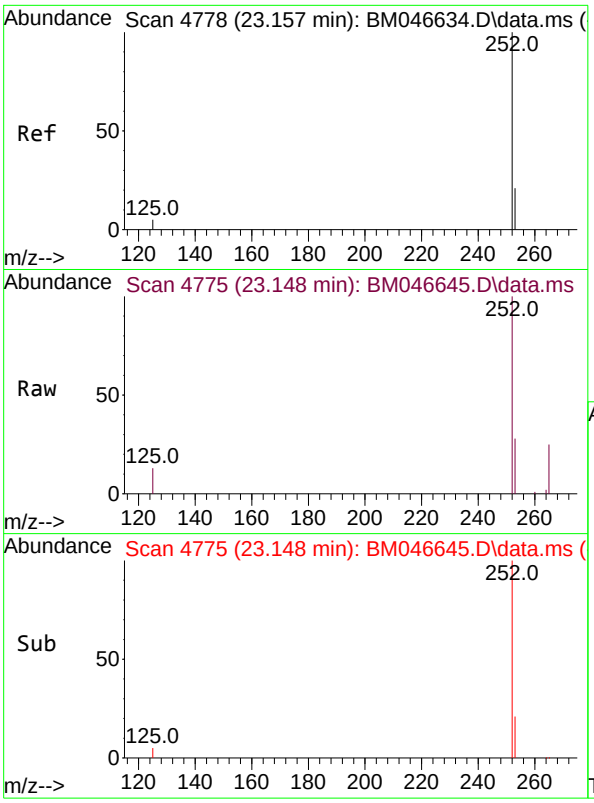


#25
Benzo(k)fluoranthene
Concen: 0.449 ng/ul
RT: 22.648 min Scan# 4604
Delta R.T. -0.003 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Tgt Ion:252 Resp: 17125

Ion	Ratio	Lower	Upper
252	100		
253	29.6	22.4	33.6
125	15.9	7.0	10.4#



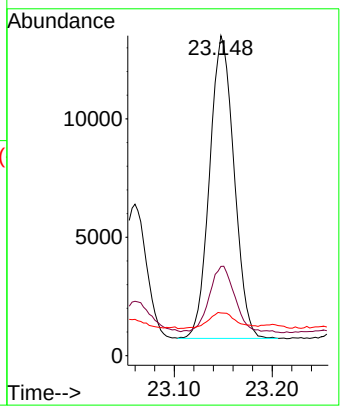


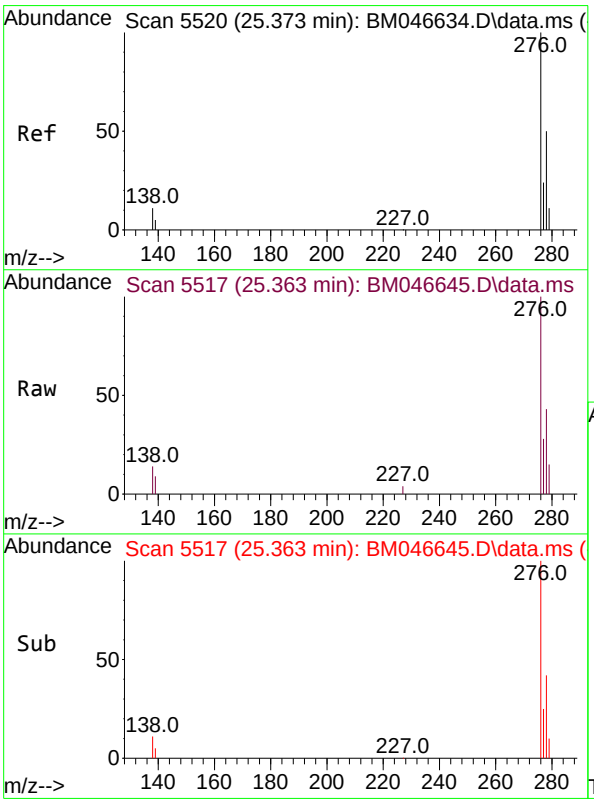
#26
Benzo(a)pyrene
Concen: 0.693 ng/ul
RT: 23.148 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Instrument :
BNA_M
ClientSampleId :
A4BS2MSD

Tgt Ion:252 Resp: 22163

Ion	Ratio	Lower	Upper
252	100		
253	27.9	24.0	36.0
125	13.4	8.2	12.2#

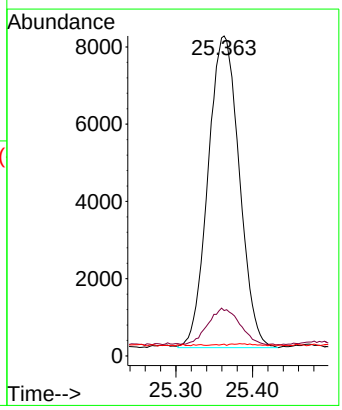


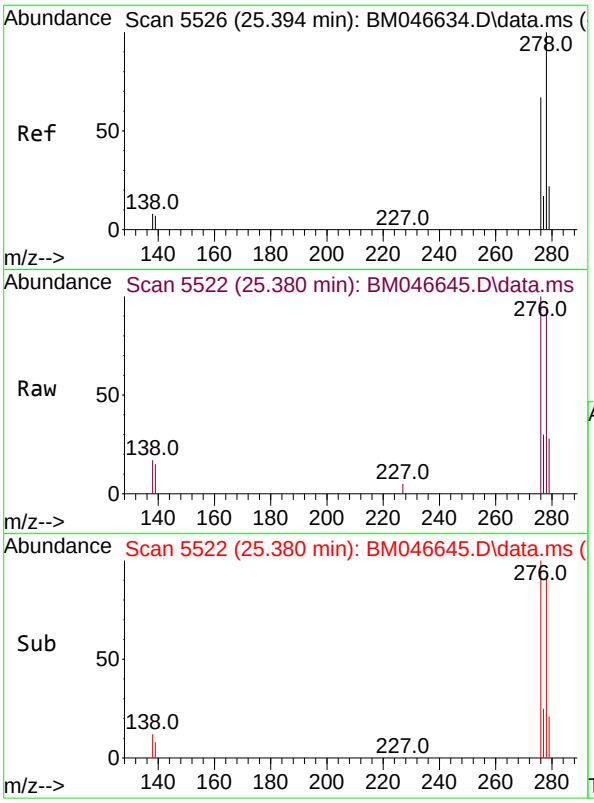


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.468 ng/ul
RT: 25.363 min Scan# 5517
Delta R.T. 0.003 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Tgt Ion:276 Resp: 22798

Ion	Ratio	Lower	Upper
276	100		
138	11.7	0.0	0.0#
227	0.1	0.2	0.2#



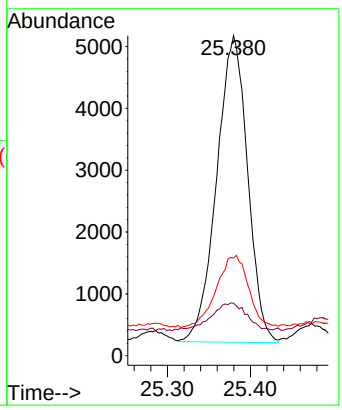


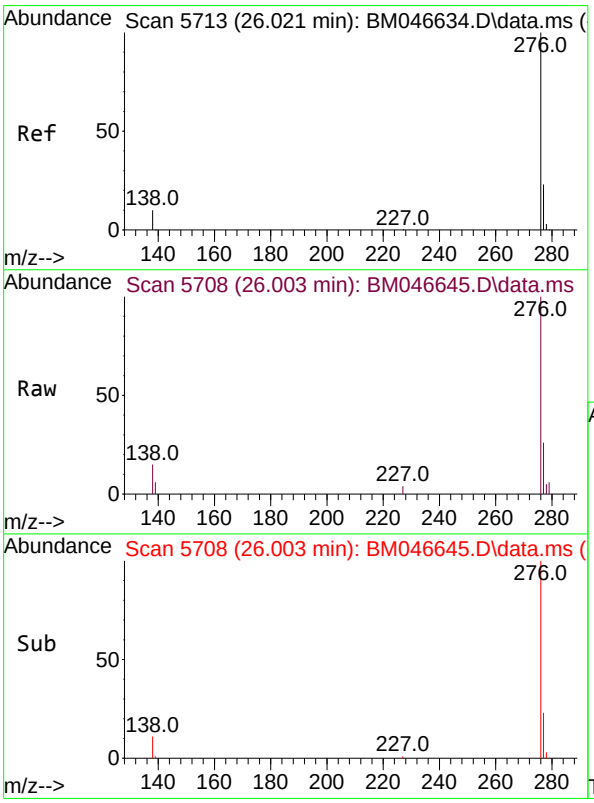
#28
Dibenzo(a,h)anthracene
Concen: 0.332 ng/ul
RT: 25.380 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Instrument :
BNA_M
ClientSampleId :
A4BS2MSD

Tgt Ion:278 Resp: 12817

Ion	Ratio	Lower	Upper
278	100		
139	16.4	9.1	13.7#
279	30.5	23.2	34.8





#29
Benzo(g,h,i)perylene
Concen: 0.514 ng/ul
RT: 26.003 min Scan# 5708
Delta R.T. -0.000 min
Lab File: BM046645.D
Acq: 16 Jul 2024 22:34

Tgt Ion:276 Resp: 19974

Ion	Ratio	Lower	Upper
276	100		
138	14.8	10.2	15.4
277	26.1	20.9	31.3