Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046654.D
Acq On : 17 Jul 2024 04:41
Operator : MA/JU
Sample : P3100-02MS
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CD1MS

Quant Time: Jul 17 05:11:37 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	7.497	152	2999	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.259	136	7743	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.140	164	4972	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.895	188	11173	0.400	ng/ul	0.00
17) Chrysene-d12	21.100	240	9637	0.400	ng/ul	0.00
23) Perylene-d12	23.236	264	11752	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	1065	0.432	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.854	152	3984	0.319	ng/ul	-0.01
18) Fluoranthene-d10	18.931	212	10940	0.373	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.143	88	2990	1.137	ng/ul#	72
5) Naphthalene	10.303	128	6554	0.333	ng/ul	98
7) 2-Methylnaphthalene	11.931	142	4646	0.336	ng/ul	99
8) 1-Methylnaphthalene	12.156	142	4658	0.330	ng/ul	99
10) Acenaphthylene	13.858	152	7647	0.338	ng/ul	98
11) Acenaphthene	14.205	153	5445	0.359	ng/ul	96
12) Fluorene	15.199	166	6689	0.356	ng/ul	97
14) Pentachlorophenol	16.553	266	2261	0.399	ng/ul	100
15) Phenanthrene	16.933	178	12859	0.403	ng/ul	99
16) Anthracene	17.026	178	10986	0.353	ng/ul	98
19) Fluoranthene	18.964	202	18192	0.460	ng/ul	99
20) Pyrene	19.326	202	18678	0.436	ng/ul	99
21) Benzo(a)anthracene	21.085	228	16599	0.389	ng/ul	99
22) Chrysene	21.135	228	16437	0.398	ng/ul	99
24) Benzo(b)fluoranthene	22.604	252	19655	0.419	ng/ul	97
25) Benzo(k)fluoranthene	22.645	252	17907	0.389	ng/ul	97
26) Benzo(a)pyrene	23.142	252	16865	0.437	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.353	276	22372	0.381	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.373	278	16498	0.354	ng/ul	98
29) Benzo(g,h,i)perylene	25.994	276	17898	0.382	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046654.D
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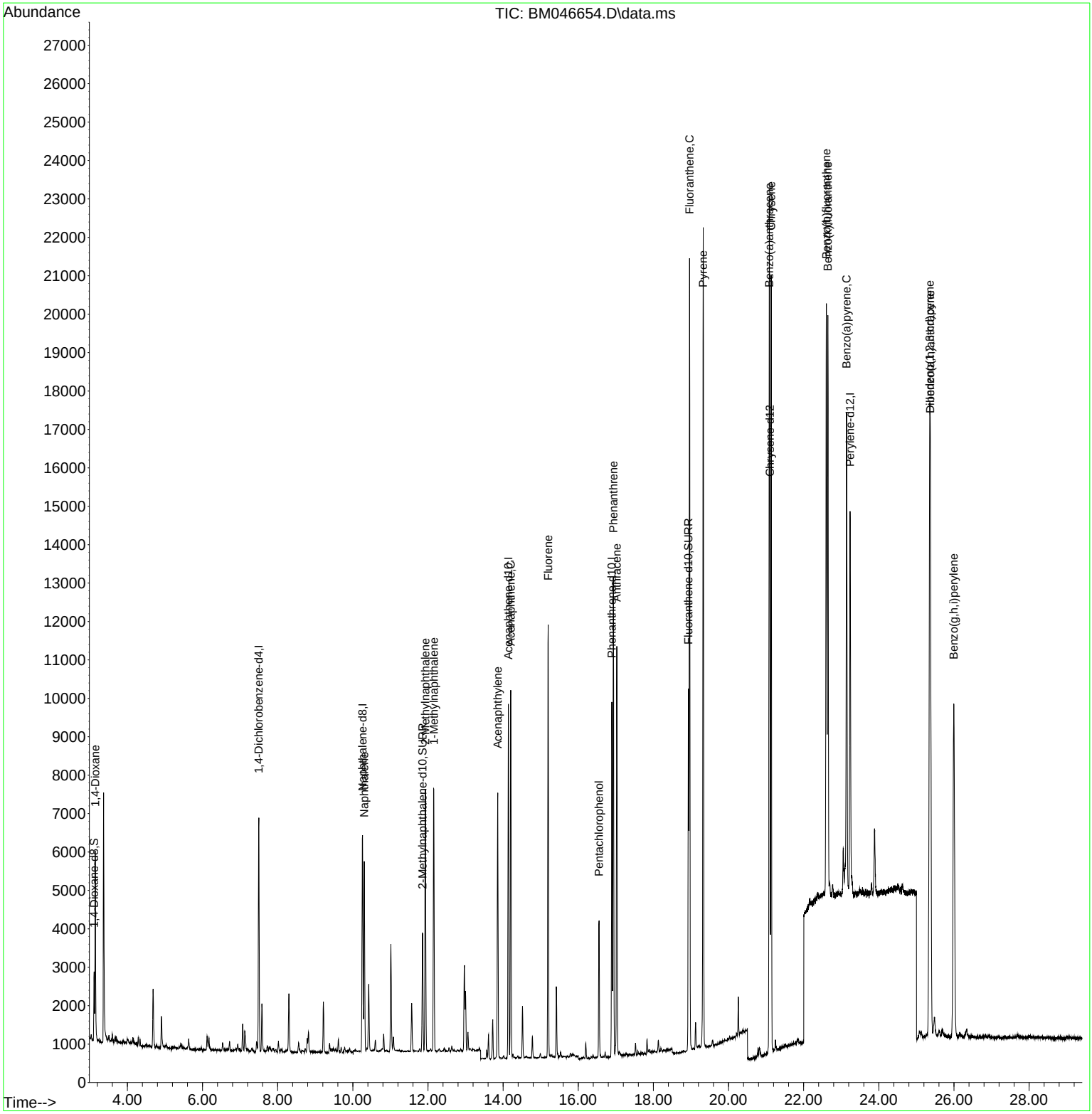
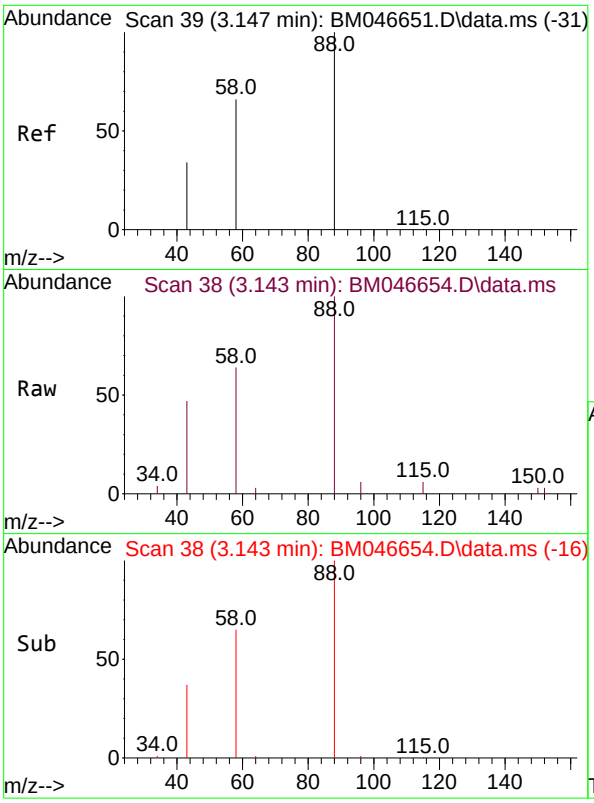
Operator : MA/JU
Sample : P3100-02MS
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CD1MS

Quant Time: Jul 17 05:11:37 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



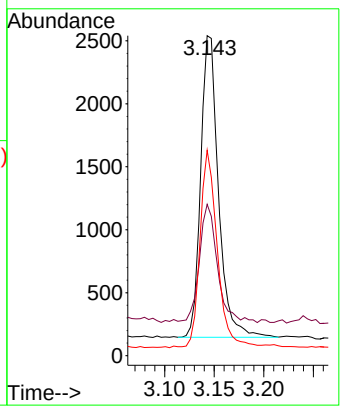


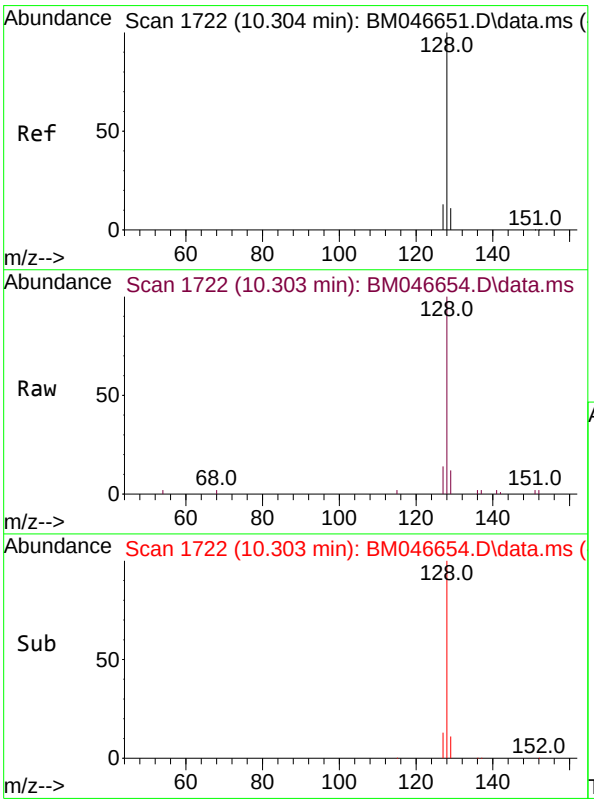
#2
1,4-Dioxane
Concen: 1.137 ng/ul
RT: 3.143 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Instrument :
BNA_M
ClientSampleId :
A4CD1MS

Tgt Ion: 88 Resp: 2990

Ion	Ratio	Lower	Upper
88	100		
43	47.3	70.2	105.4#
58	64.2	48.2	72.4

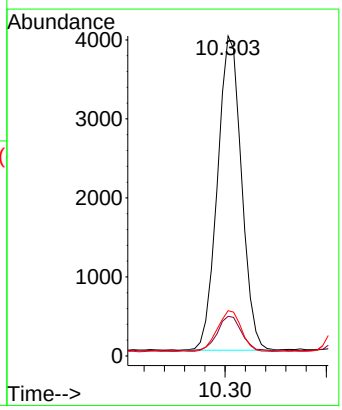


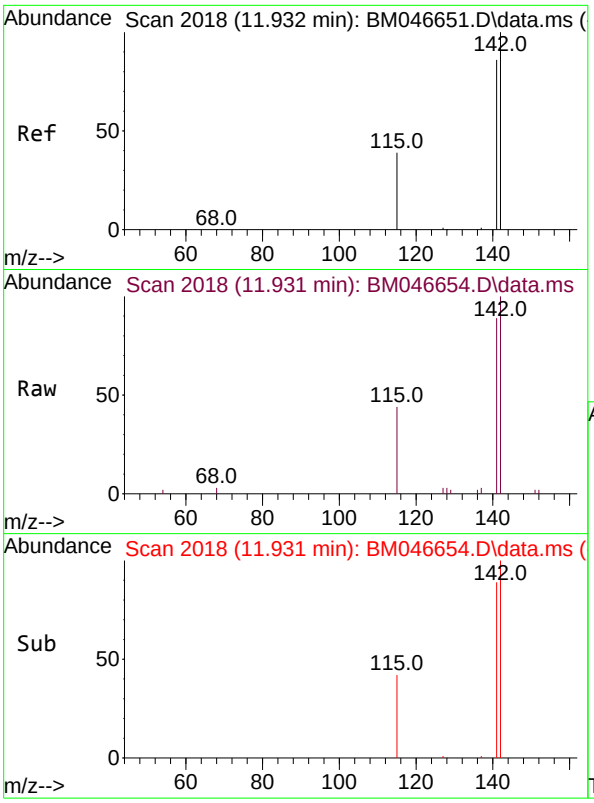


#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.303 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Tgt Ion:128 Resp: 6554

Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.3	15.5
127	14.1	12.2	18.4



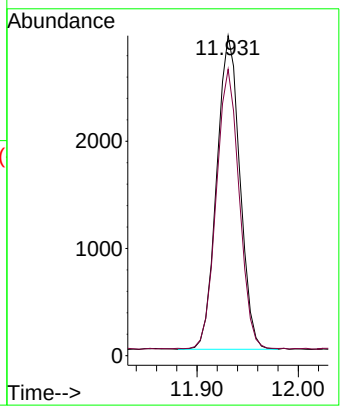


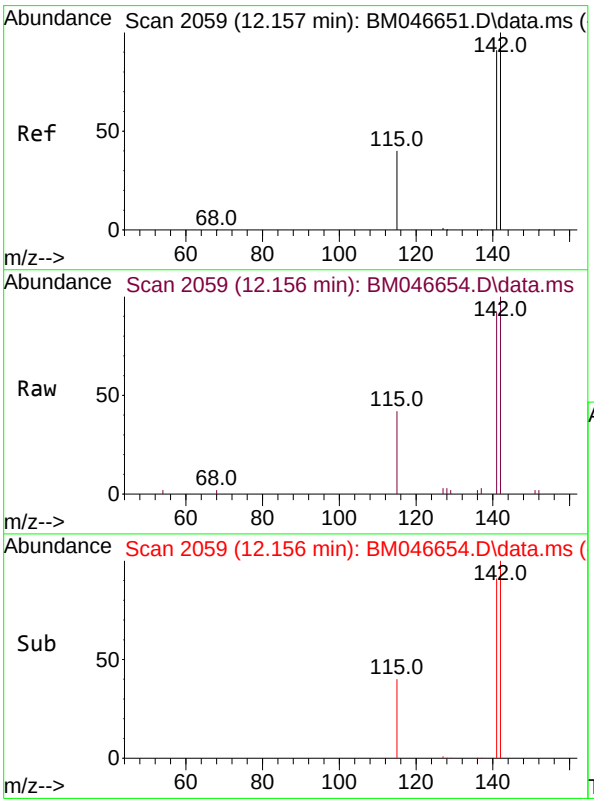
#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 11.931 min Scan# 2
Delta R.T. -0.013 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Instrument :
BNA_M
ClientSampleId :
A4CD1MS

Tgt Ion:142 Resp: 4646

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5

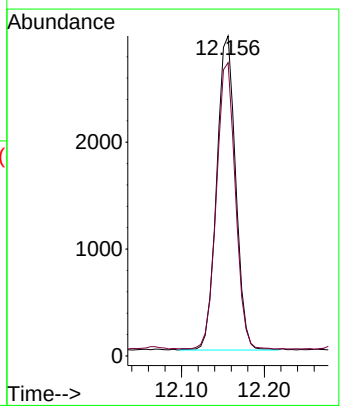


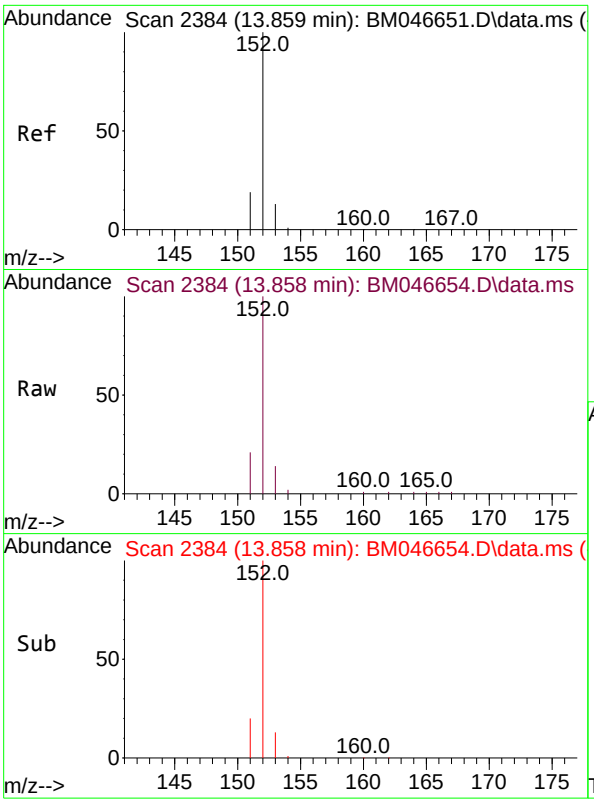


#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.156 min Scan# 2059
Delta R.T. -0.007 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Tgt Ion:142 Resp: 4658

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.9	110.9



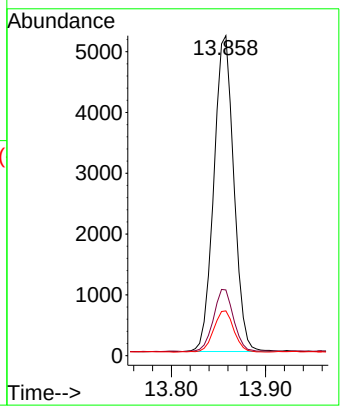


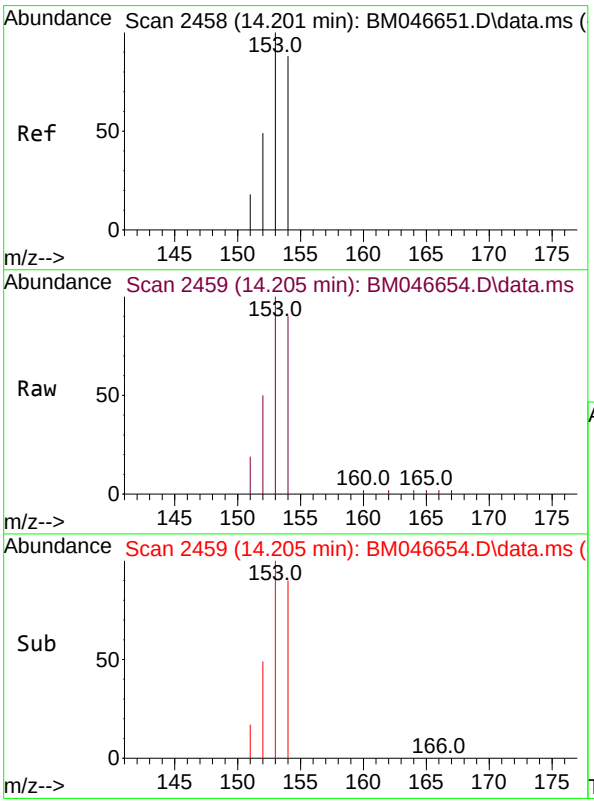
#10
Acenaphthylene
Concen: 0.338 ng/ul
RT: 13.858 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Instrument :
BNA_M
ClientSampleId :
A4CD1MS

Tgt Ion:152 Resp: 7647

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	14.0	12.4	18.6

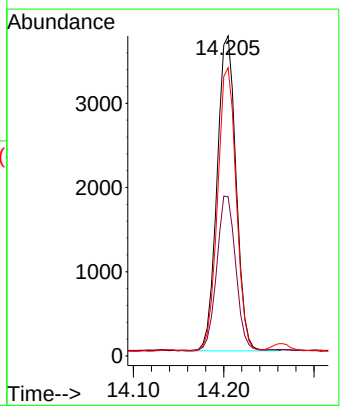


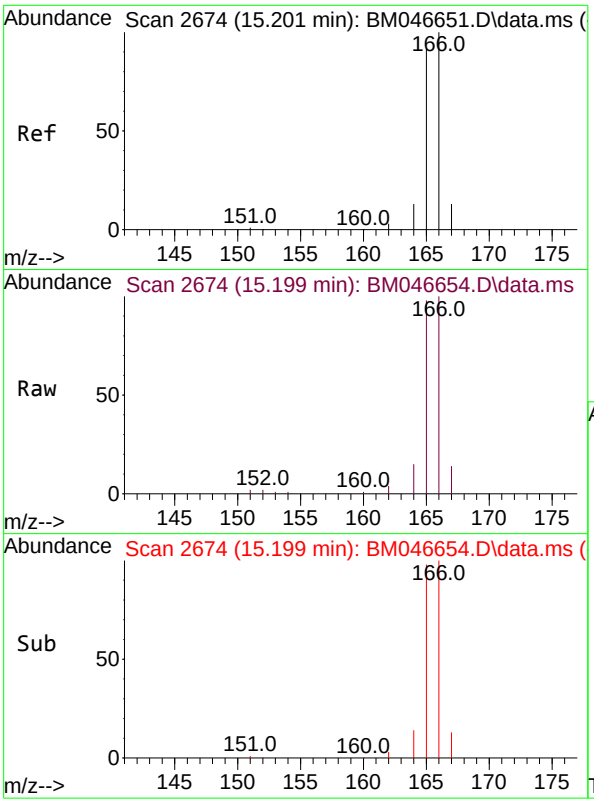


#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.205 min Scan# 2459
Delta R.T. -0.006 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Tgt Ion:153 Resp: 5445

Ion	Ratio	Lower	Upper
153	100		
152	49.7	43.0	64.6
154	90.1	69.9	104.9



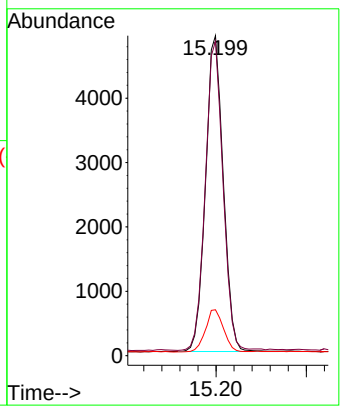


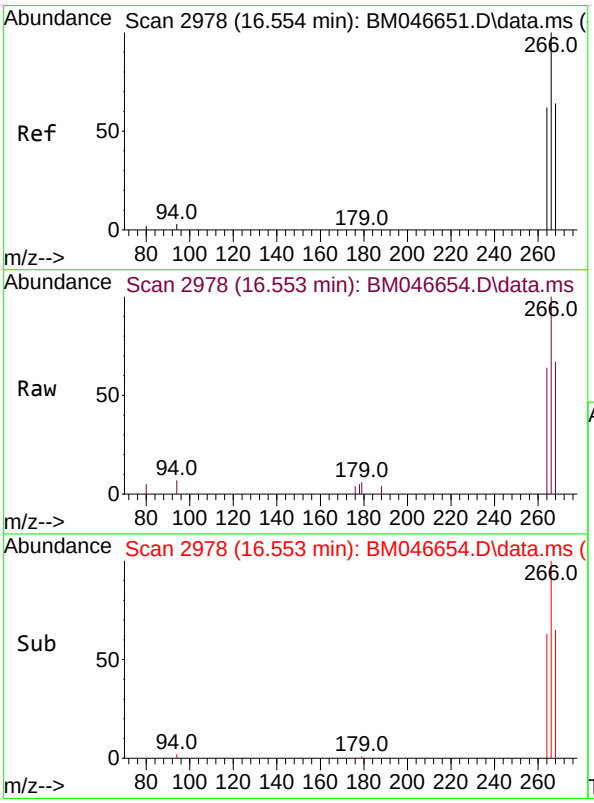
#12
Fluorene
Concen: 0.356 ng/ul
RT: 15.199 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Instrument :
BNA_M
ClientSampleId :
A4CD1MS

Tgt Ion:166 Resp: 6689

Ion	Ratio	Lower	Upper
166	100		
165	98.3	76.1	114.1
167	14.4	12.5	18.7

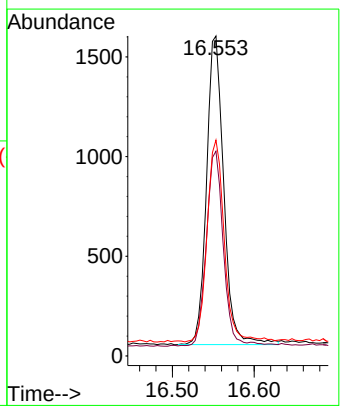


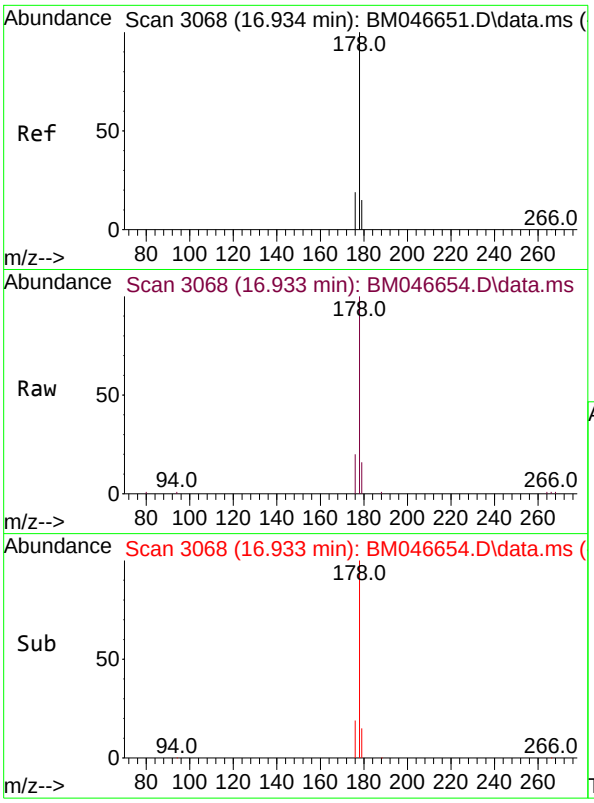


#14
Pentachlorophenol
Concen: 0.399 ng/ul
RT: 16.553 min Scan# 2978
Delta R.T. -0.002 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Tgt Ion:266 Resp: 2261

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.1	75.1
268	65.2	52.5	78.7



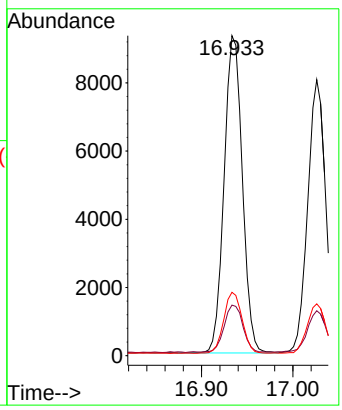


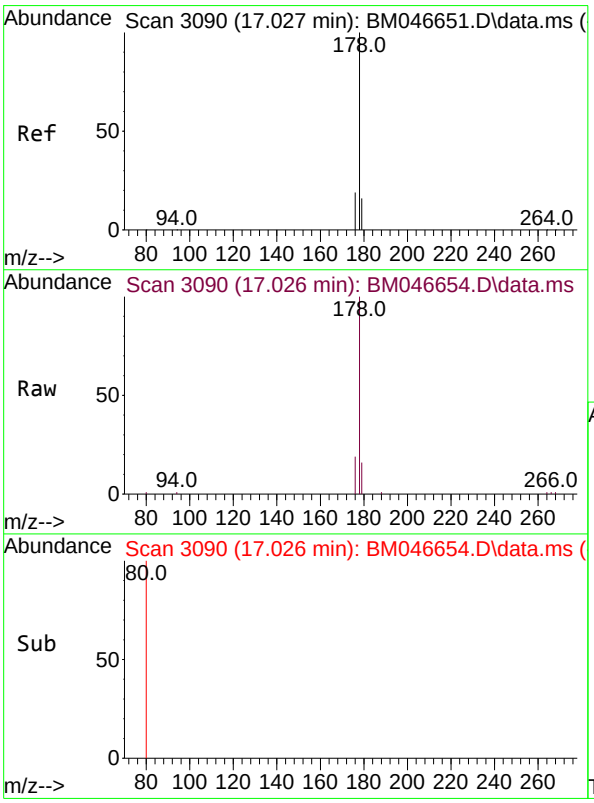
#15
Phenanthrene
Concen: 0.403 ng/ul
RT: 16.933 min Scan# 3
Delta R.T. -0.010 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Instrument :
BNA_M
ClientSampleId :
A4CD1MS

Tgt Ion:178 Resp: 12859

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.1	19.7
176	19.8	16.0	24.0

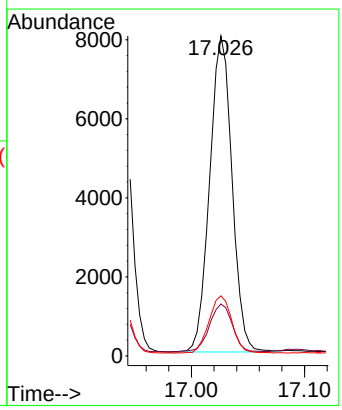


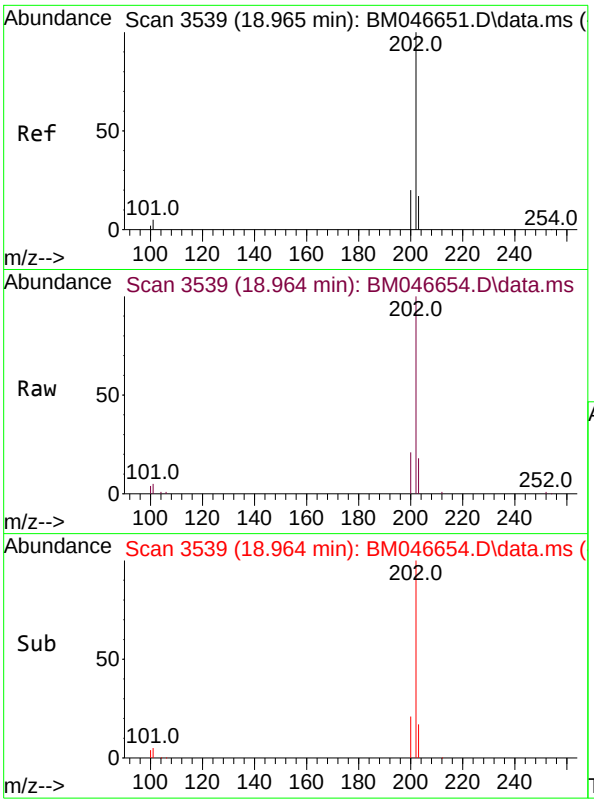


#16
Anthracene
Concen: 0.353 ng/ul
RT: 17.026 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Tgt Ion:178 Resp: 10986

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.5	20.3
176	18.8	15.7	23.5



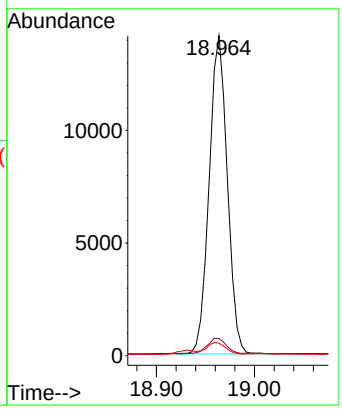


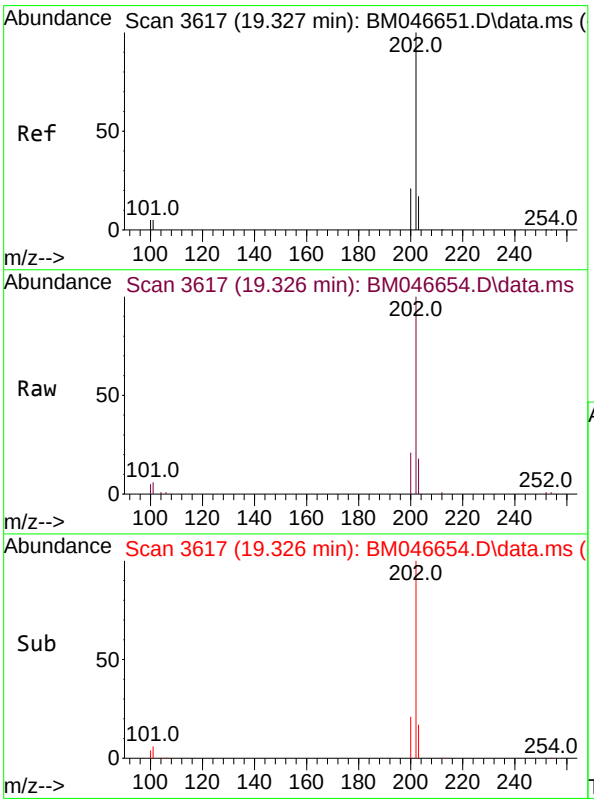
#19
Fluoranthene
Concen: 0.460 ng/ul
RT: 18.964 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Instrument :
BNA_M
ClientSampleId :
A4CD1MS

Tgt Ion:202 Resp: 18192

Ion	Ratio	Lower	Upper
202	100		
101	5.4	4.6	6.8
100	3.9	3.0	4.6

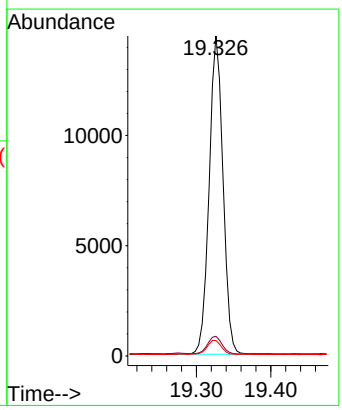


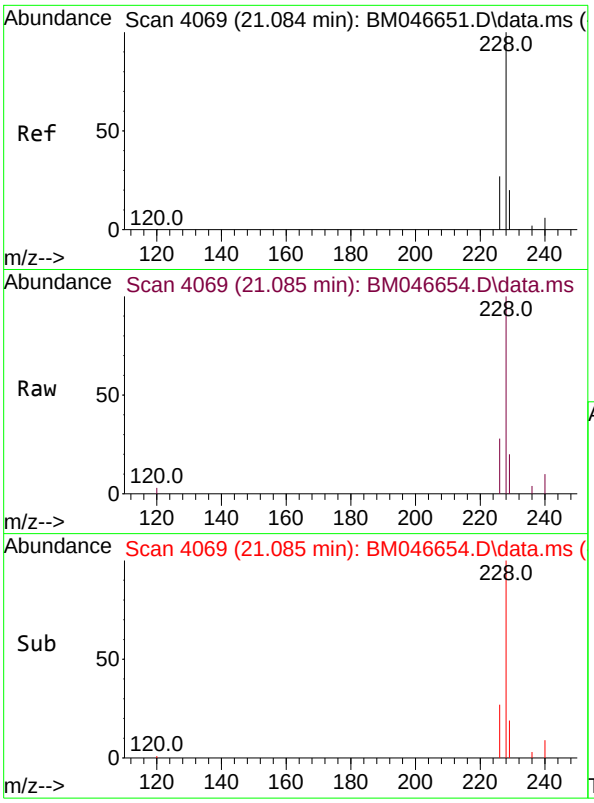


#20
Pyrene
Concen: 0.436 ng/ul
RT: 19.326 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Tgt Ion:202 Resp: 18678

Ion	Ratio	Lower	Upper
202	100		
101	6.2	5.1	7.7
100	4.8	3.8	5.6



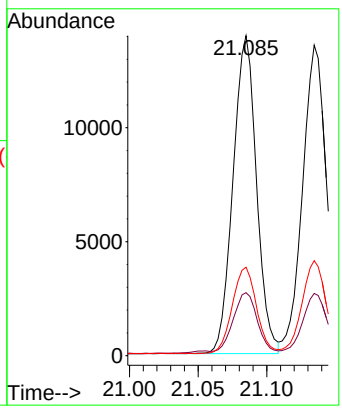


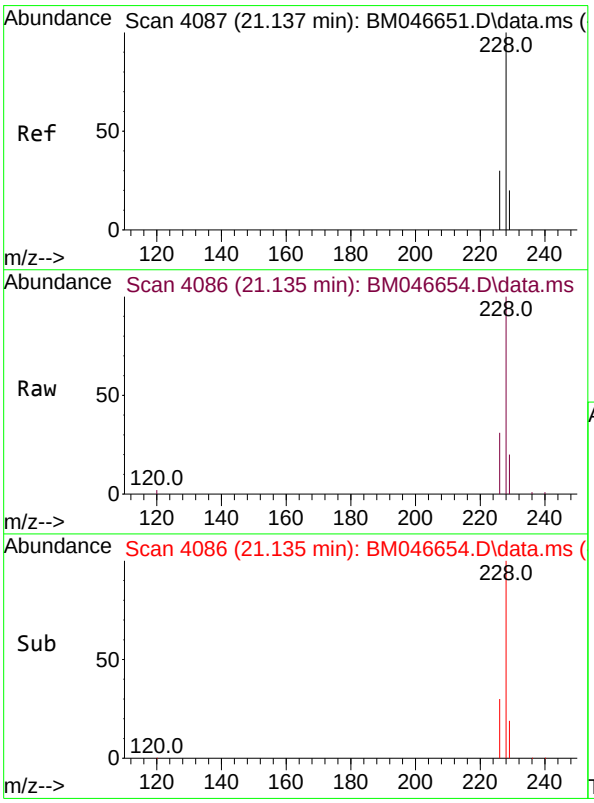
#21
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.085 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Instrument :
BNA_M
ClientSampleId :
A4CD1MS

Tgt Ion:228 Resp: 16599

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.5	24.7
226	27.7	22.5	33.7

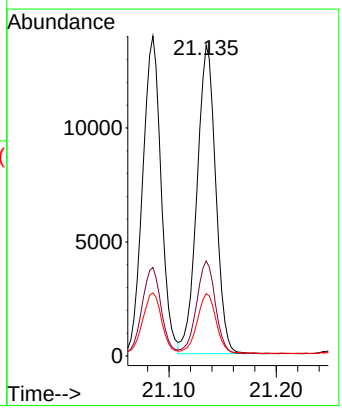


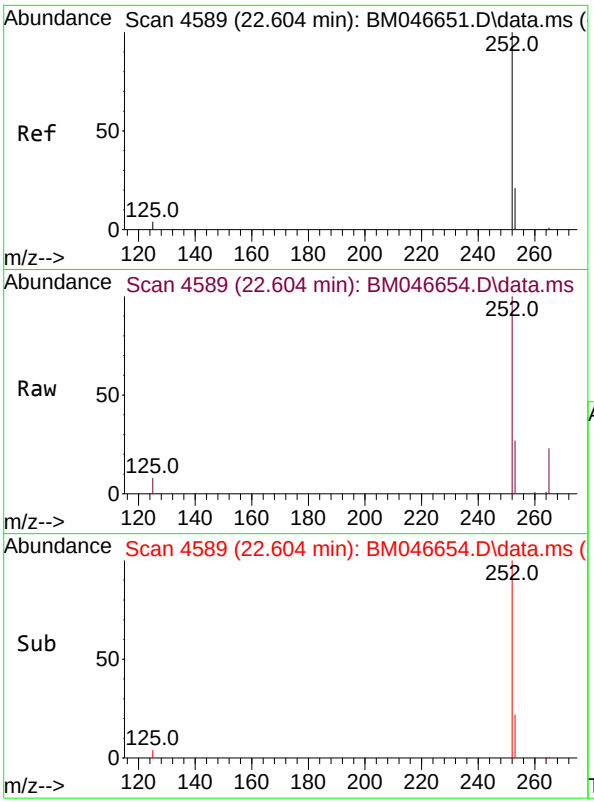


#22
Chrysene
Concen: 0.398 ng/ul
RT: 21.135 min Scan# 4086
Delta R.T. -0.006 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Tgt Ion:228 Resp: 16437

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.3	36.5
229	20.1	16.4	24.6



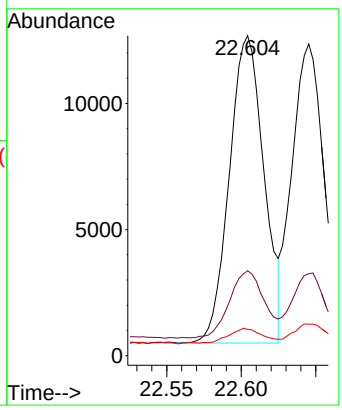


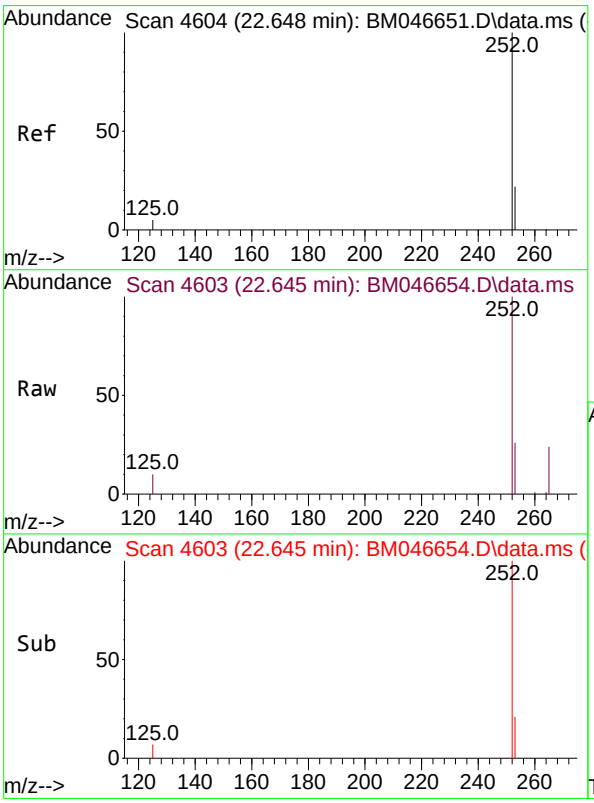
#24
Benzo(b)fluoranthene
Concen: 0.419 ng/ul
RT: 22.604 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Instrument :
BNA_M
ClientSampleId :
A4CD1MS

Tgt Ion:252 Resp: 19655

Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	56.2
125	8.3	0.0	17.8

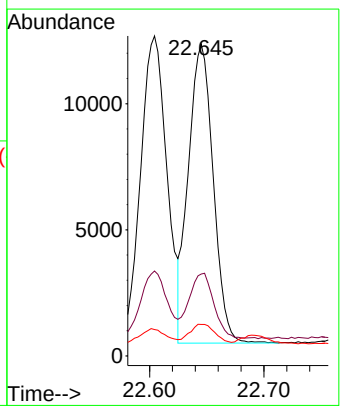


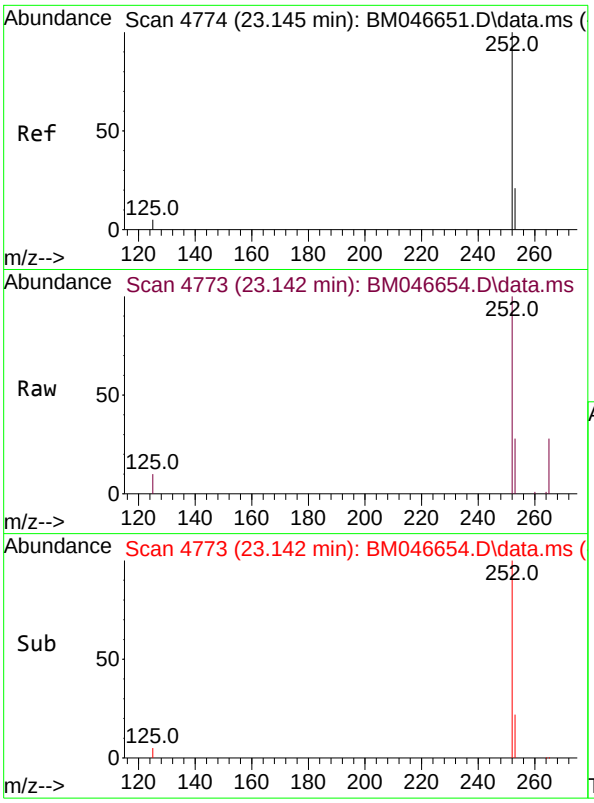


#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 22.645 min Scan# 4603
Delta R.T. -0.006 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Tgt Ion:252 Resp: 17907

Ion	Ratio	Lower	Upper
252	100		
253	26.3	22.4	33.6
125	10.1	7.0	10.4



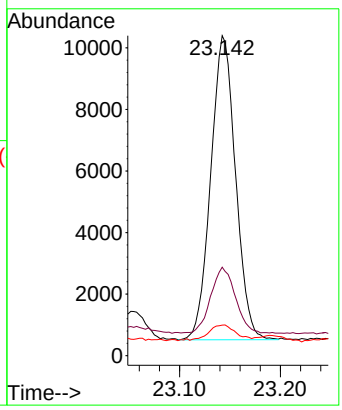


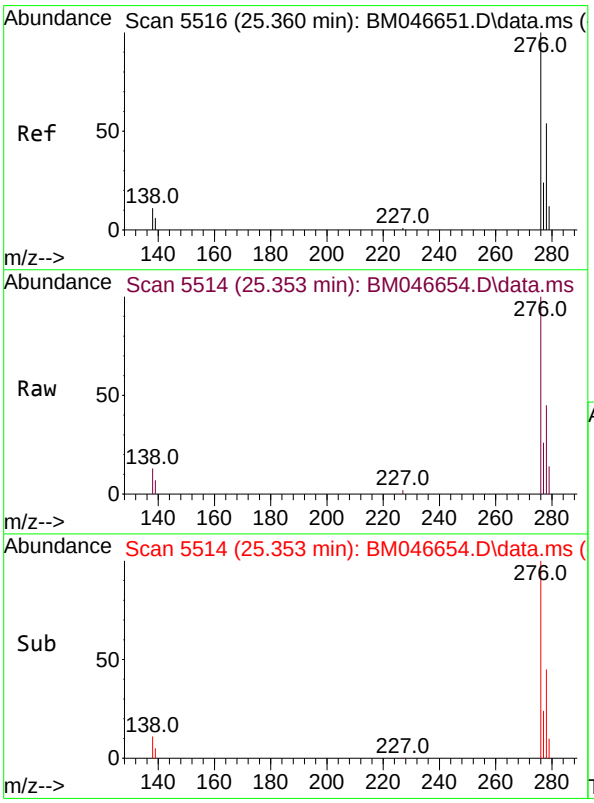
#26
Benzo(a)pyrene
Concen: 0.437 ng/ul
RT: 23.142 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Instrument :
BNA_M
ClientSampleId :
A4CD1MS

Tgt Ion:252 Resp: 16865

Ion	Ratio	Lower	Upper
252	100		
253	27.7	24.0	36.0
125	9.5	8.2	12.2

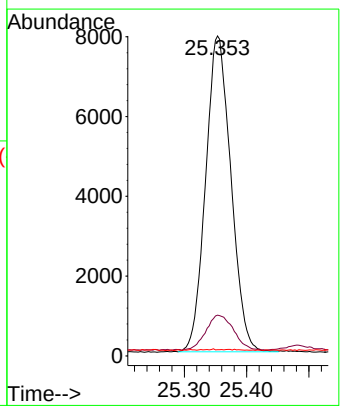


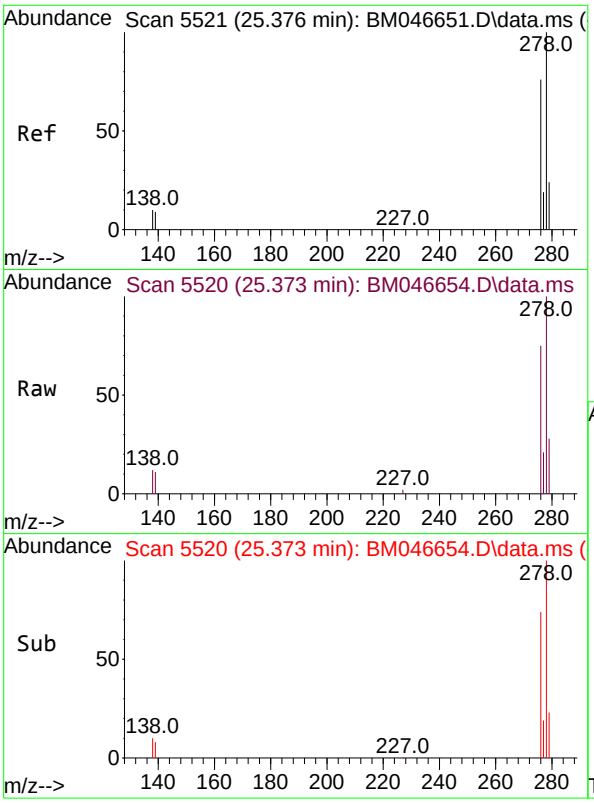


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng/ul
RT: 25.353 min Scan# 5514
Delta R.T. -0.007 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Tgt Ion:276 Resp: 22372

Ion	Ratio	Lower	Upper
276	100		
138	12.1	0.0	0.0#
227	0.1	0.2	0.2#



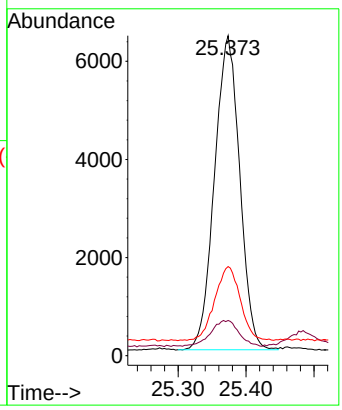


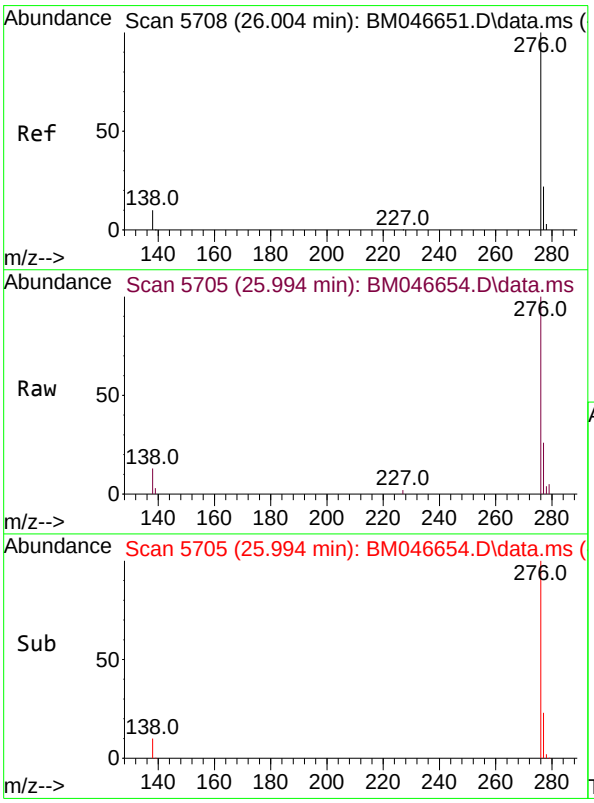
#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 25.373 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Instrument :
BNA_M
ClientSampleId :
A4CD1MS

Tgt Ion:278 Resp: 16498

Ion	Ratio	Lower	Upper
278	100		
139	11.0	9.1	13.7
279	27.8	23.2	34.8





#29
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 25.994 min Scan# 5705
Delta R.T. -0.010 min
Lab File: BM046654.D
Acq: 17 Jul 2024 04:41

Tgt Ion:276 Resp: 17898

Ion	Ratio	Lower	Upper
276	100		
138	12.6	10.2	15.4
277	25.6	20.9	31.3