Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048158.D
Acq On : 21 Oct 2024 17:00
Operator : RC/JU
Sample : P4380-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H4MS

Quant Time: Oct 21 18:05:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 19 00:48:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	5861	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.563	136	18565	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.400	164	15460	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.146	188	22229	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.315	240	16810	0.400	ng/ul	-0.02
23) Perylene-d12	23.577	264	16812	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	1947	0.244	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.152	152	11421	0.441	ng/ul	-0.05
18) Fluoranthene-d10	19.169	212	24721	0.505	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.273	88	5940	0.635	ng/ul#	74
5) Naphthalene	10.612	128	24221	0.480	ng/ul	98
7) 2-Methylnaphthalene	12.223	142	14111	0.489	ng/ul	99
8) 1-Methylnaphthalene	12.443	142	17954	0.540	ng/ul	96
10) Acenaphthylene	14.123	152	18498	0.259	ng/ul	97
11) Acenaphthene	14.465	153	15947	0.312	ng/ul	99
12) Fluorene	15.455	166	19000	0.348	ng/ul#	98
14) Pentachlorophenol	16.804	266	12782	1.712	ng/ul	100
15) Phenanthrene	17.188	178	29126	0.518	ng/ul	95
16) Anthracene	17.276	178	29056	0.547	ng/ul	96
19) Fluoranthene	19.202	202	33610	0.509	ng/ul	99
20) Pyrene	19.560	202	35286	0.497	ng/ul	98
21) Benzo(a)anthracene	21.301	228	29816	0.576	ng/ul	96
22) Chrysene	21.350	228	29503	0.374	ng/ul	94
24) Benzo(b)fluoranthene	22.893	252	28540	0.443	ng/ul	97
25) Benzo(k)fluoranthene	22.937	252	28970	0.372	ng/ul	99
26) Benzo(a)pyrene	23.478	252	24203	0.451	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.883	276	34559	0.430	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.886	278	26765	0.436	ng/ul	94
29) Benzo(g,h,i)perylene	26.587	276	27749	0.413	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048158.D
Acq On : 21 Oct 2024 17:00
Operator : RC/JU
Sample : P4380-02MS
Misc :
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Instrument :
BNA_M
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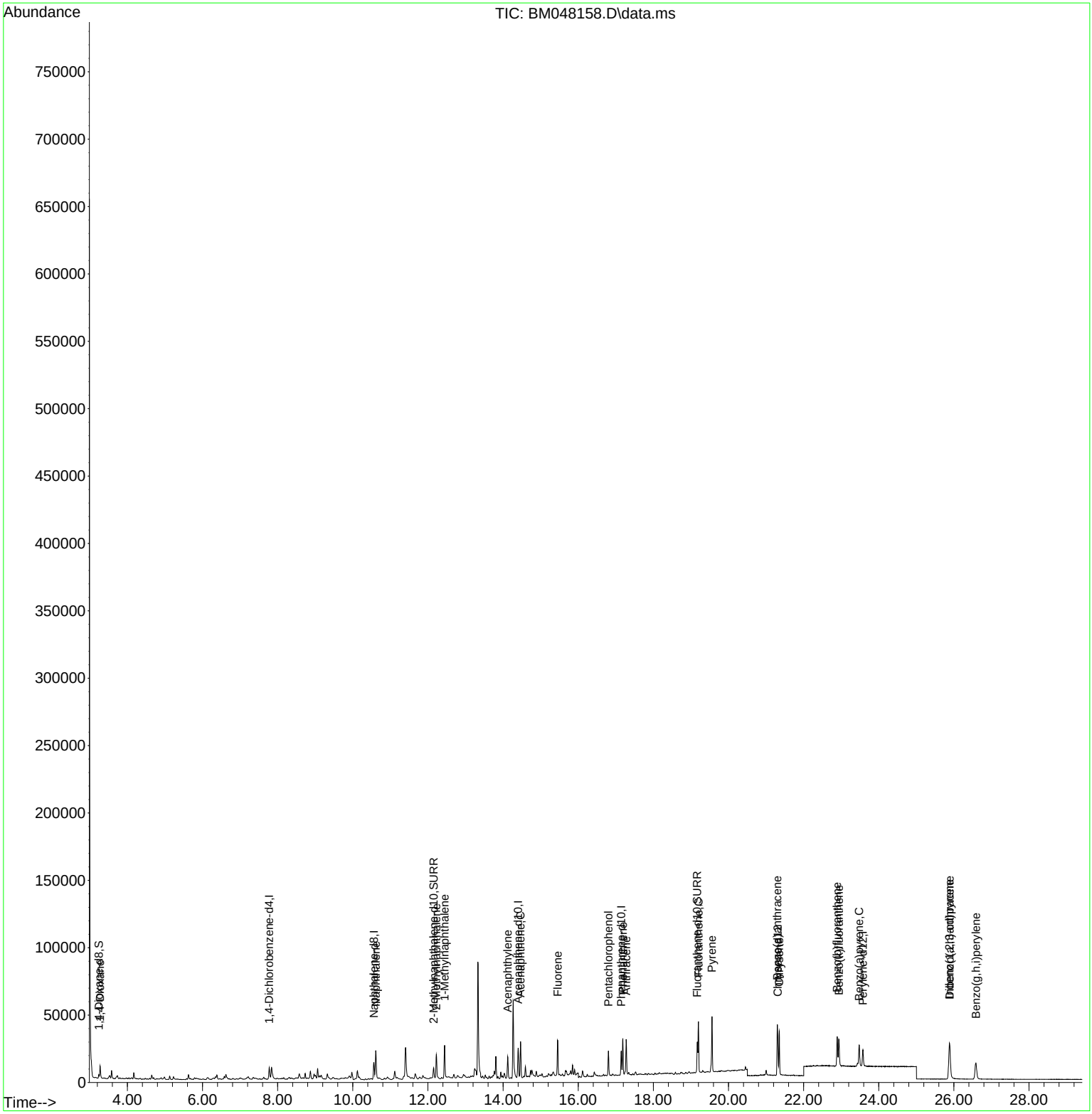
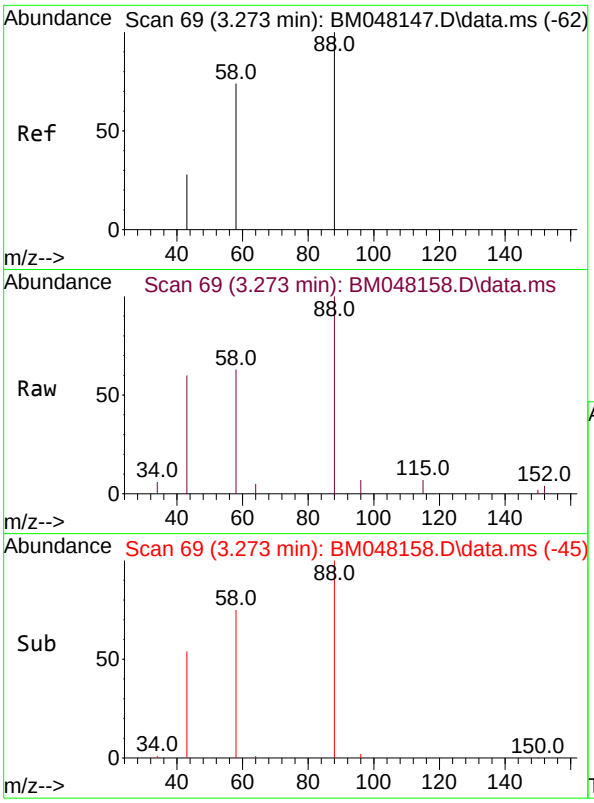
Quant Time: Oct 21 18:05:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 19 00:48:23 2024
Response via : Initial Calibration



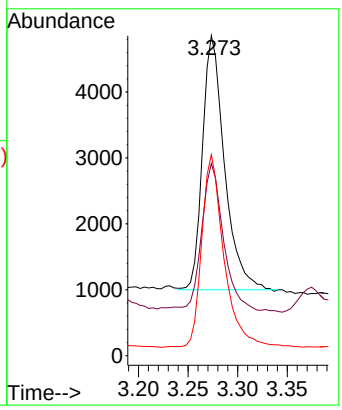


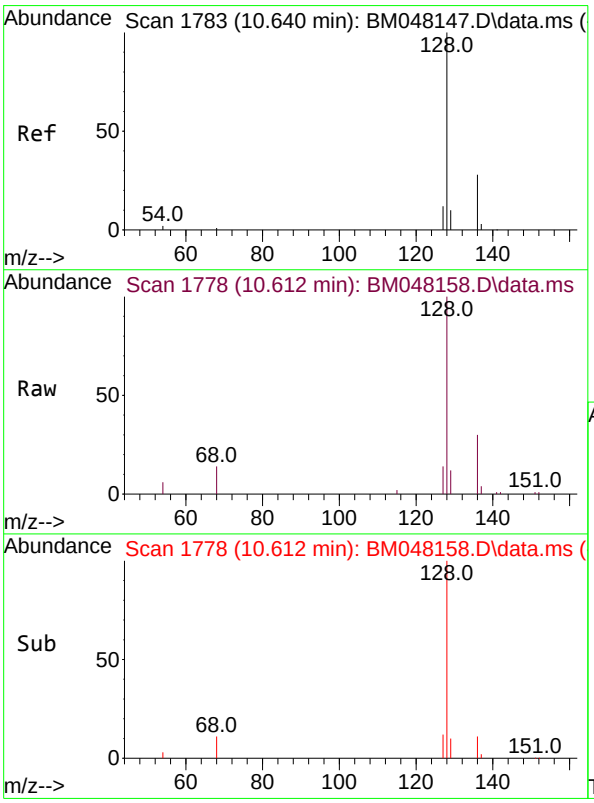
#2
1,4-Dioxane
Concen: 0.635 ng/ul
RT: 3.273 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Instrument :
BNA_M
ClientSampleId :
E27H4MS

Tgt Ion: 88 Resp: 5940

Ion	Ratio	Lower	Upper
88	100		
43	60.0	27.7	41.5#
58	62.8	42.5	63.7

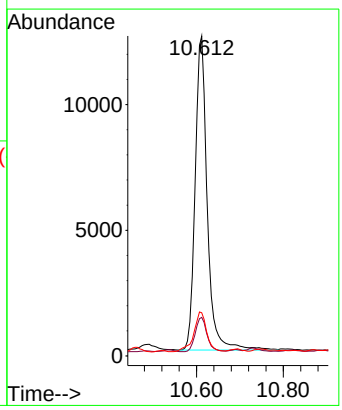


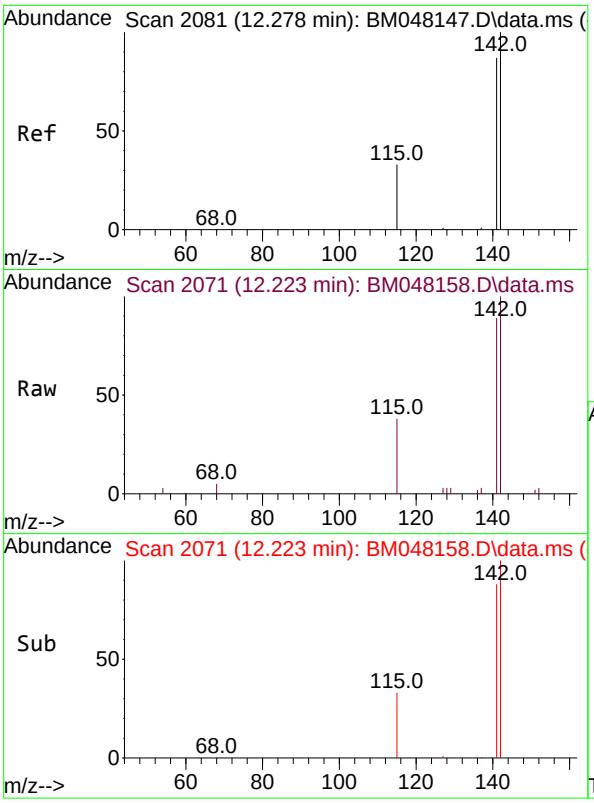


#5
Naphthalene
Concen: 0.480 ng/ul
RT: 10.612 min Scan# 1778
Delta R.T. -0.026 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Tgt Ion:128 Resp: 24221

Ion	Ratio	Lower	Upper
128	100		
129	12.1	10.6	15.8
127	13.5	11.3	16.9



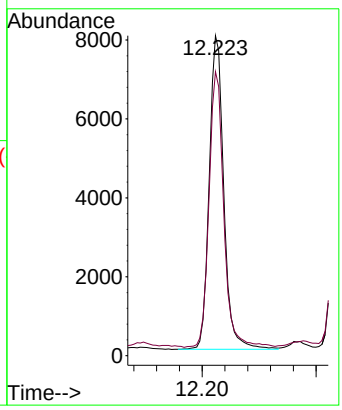


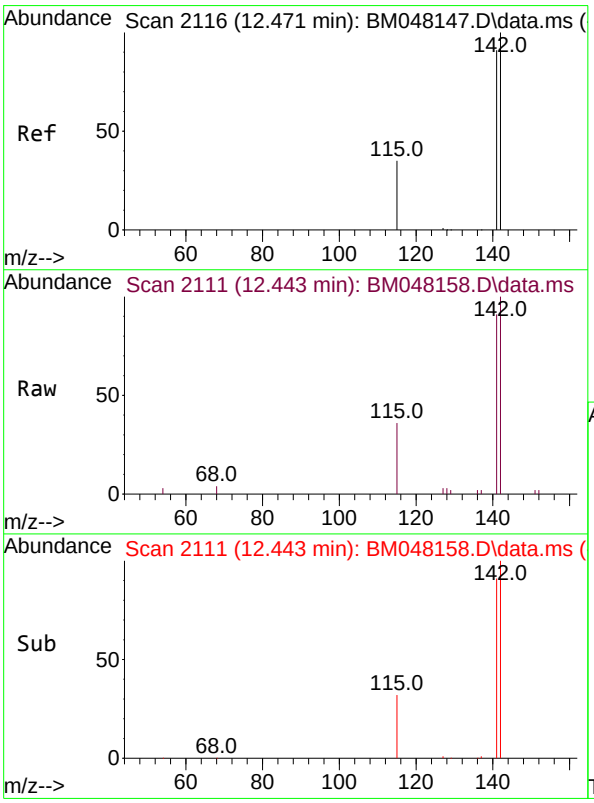
#7
2-Methylnaphthalene
Concen: 0.489 ng/ul
RT: 12.223 min Scan# 2(
Delta R.T. -0.048 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Instrument :
BNA_M
ClientSampleId :
E27H4MS

Tgt Ion:142 Resp: 14111

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.9	107.9

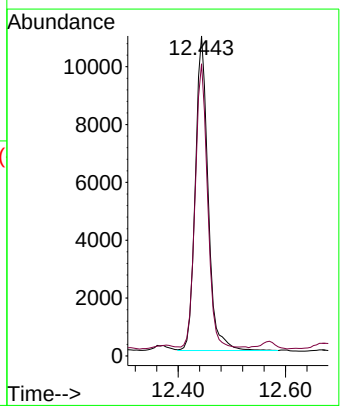


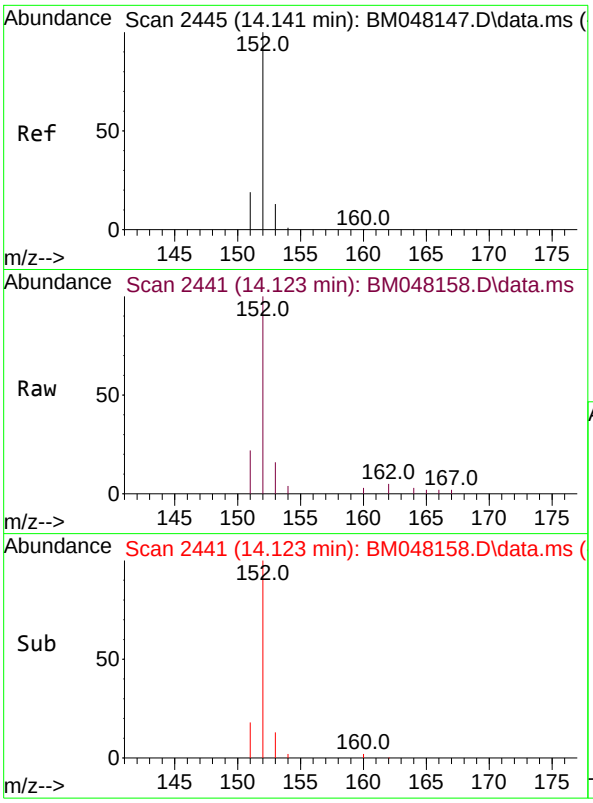


#8
1-Methylnaphthalene
Concen: 0.540 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.026 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Tgt Ion:142 Resp: 17954

Ion	Ratio	Lower	Upper
142	100		
141	88.1	73.8	110.6



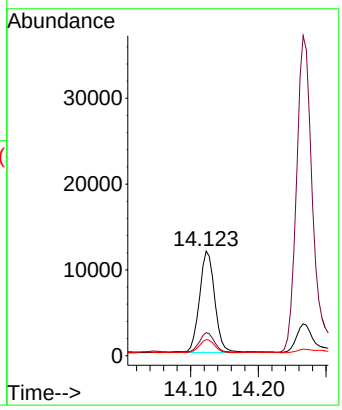


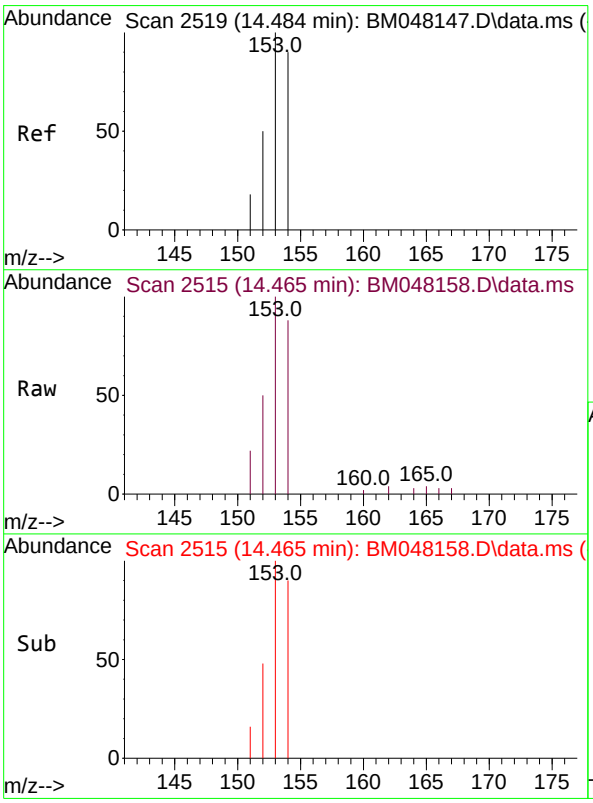
#10
Acenaphthylene
Concen: 0.259 ng/ul
RT: 14.123 min Scan# 24
Delta R.T. -0.022 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Instrument :
BNA_M
ClientSampleId :
E27H4MS

Tgt Ion:152 Resp: 18498

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.2	24.4
153	15.5	11.7	17.5

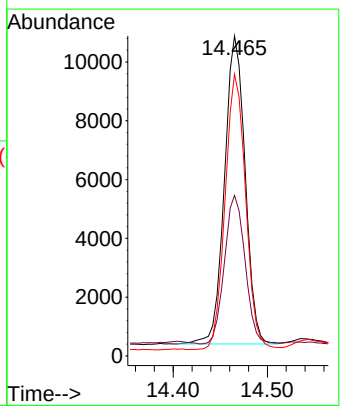


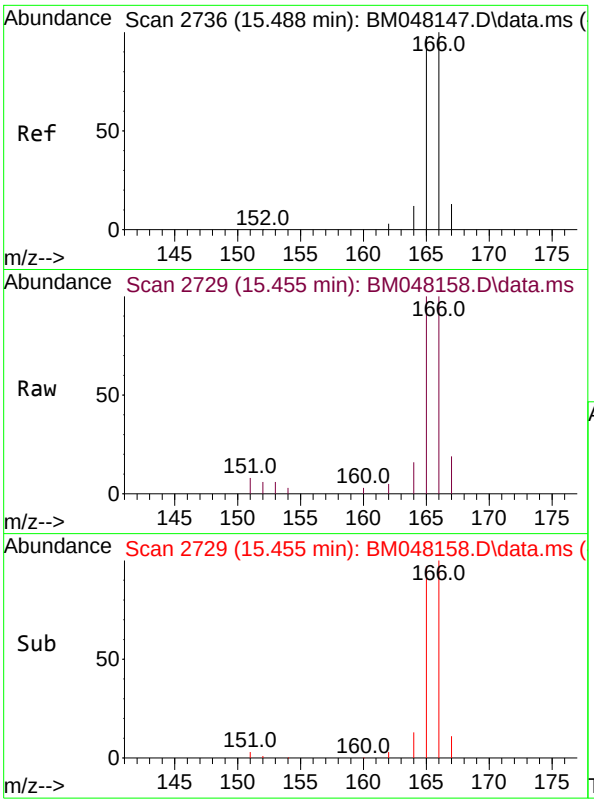


#11
Acenaphthene
Concen: 0.312 ng/ul
RT: 14.465 min Scan# 2515
Delta R.T. -0.017 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Tgt Ion:153 Resp: 15947

Ion	Ratio	Lower	Upper
153	100		
152	50.2	40.9	61.3
154	88.1	71.0	106.4



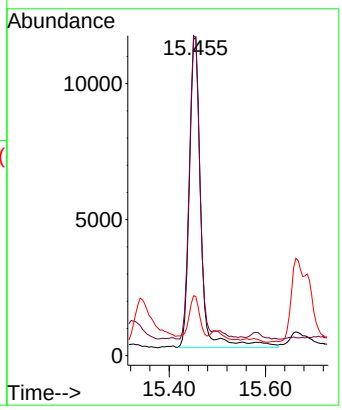


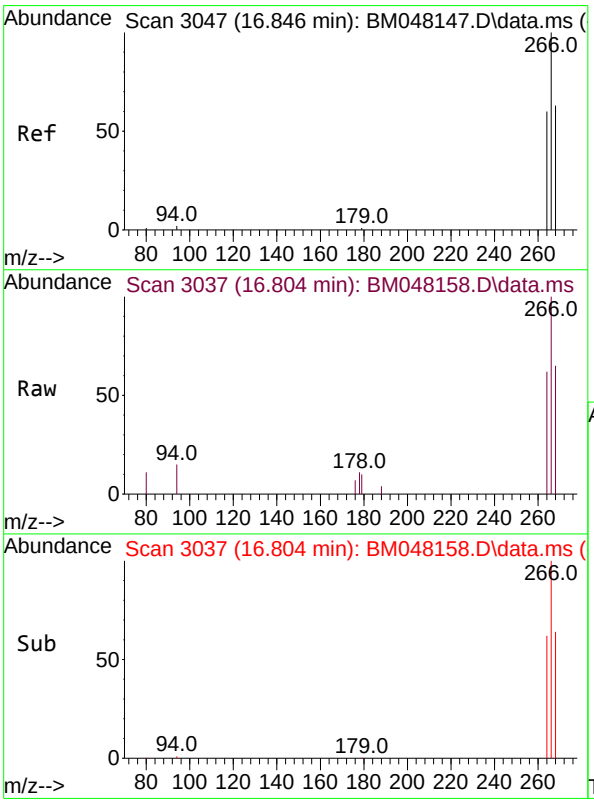
#12
Fluorene
Concen: 0.348 ng/ul
RT: 15.455 min Scan# 2
Delta R.T. -0.027 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Instrument :
BNA_M
ClientSampleId :
E27H4MS

Tgt Ion:166 Resp: 19000

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.1	118.7
167	18.6	12.0	18.0#

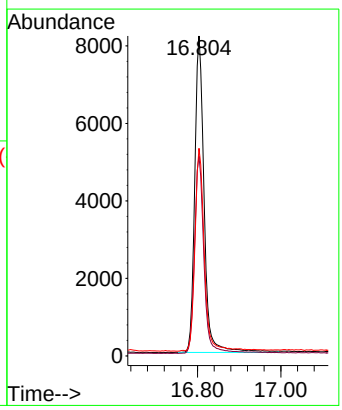


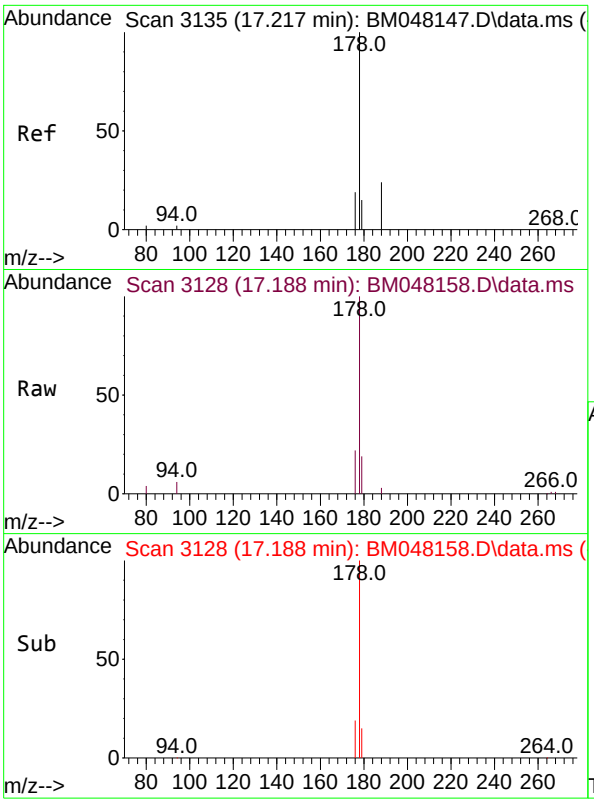


#14
Pentachlorophenol
Concen: 1.712 ng/ul
RT: 16.804 min Scan# 3037
Delta R.T. -0.037 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Tgt Ion:266 Resp: 12782

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.2	75.2
268	64.8	51.8	77.6



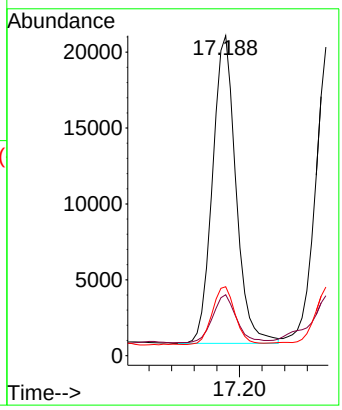


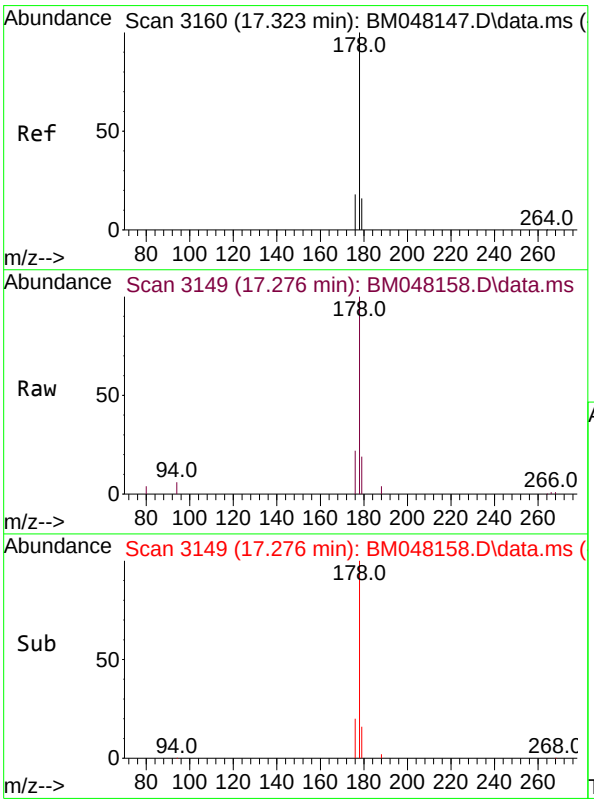
#15
Phenanthrene
Concen: 0.518 ng/ul
RT: 17.188 min Scan# 3
Delta R.T. -0.028 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Instrument :
BNA_M
ClientSampleId :
E27H4MS

Tgt Ion:178 Resp: 29126

Ion	Ratio	Lower	Upper
178	100		
179	19.1	13.2	19.8
176	21.6	16.0	24.0

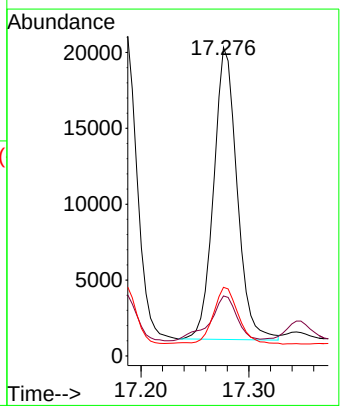


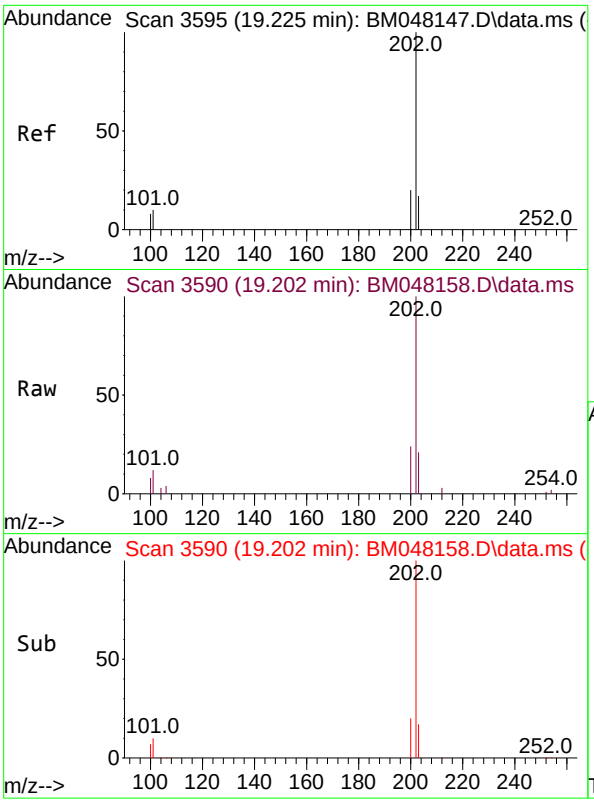


#16
Anthracene
Concen: 0.547 ng/ul
RT: 17.276 min Scan# 3149
Delta R.T. -0.045 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Tgt Ion:178 Resp: 29056

Ion	Ratio	Lower	Upper
178	100		
179	19.4	14.5	21.7
176	22.2	16.0	24.0



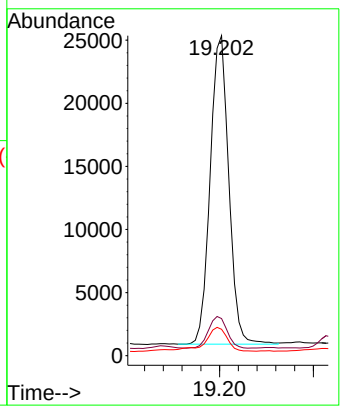


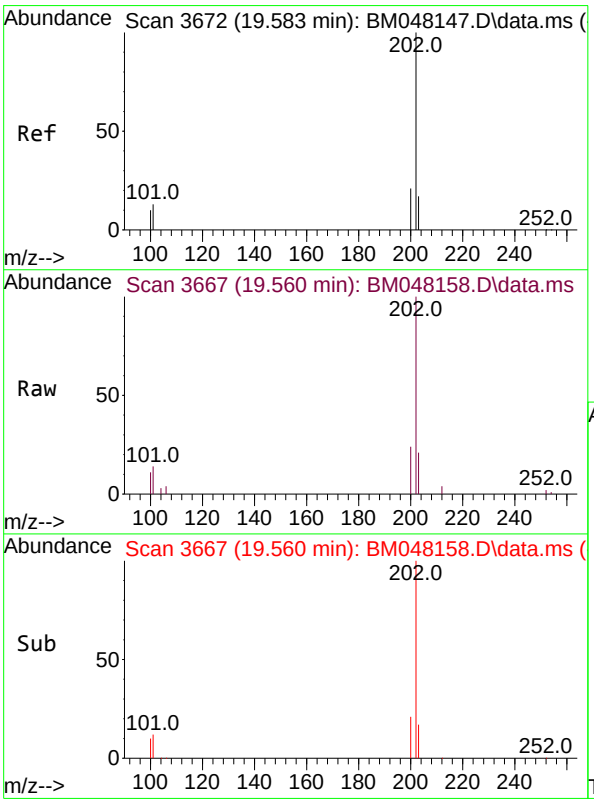
#19
Fluoranthene
Concen: 0.509 ng/ul
RT: 19.202 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Instrument :
BNA_M
ClientSampleId :
E27H4MS

Tgt Ion:202 Resp: 33610

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.3	13.9
100	8.3	7.1	10.7

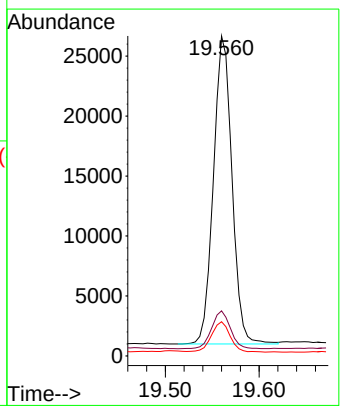


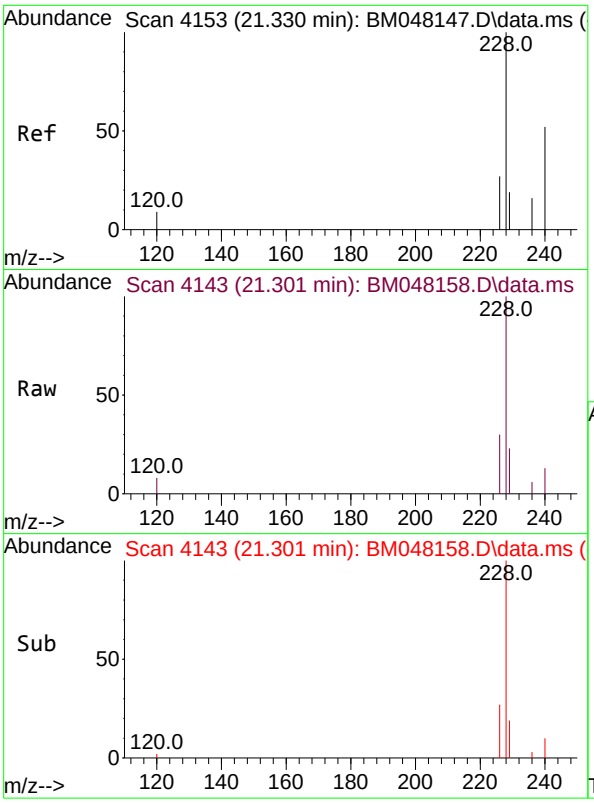


#20
Pyrene
Concen: 0.497 ng/ul
RT: 19.560 min Scan# 3667
Delta R.T. -0.022 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Tgt Ion:202 Resp: 35286

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.6	16.0
100	10.7	8.1	12.1



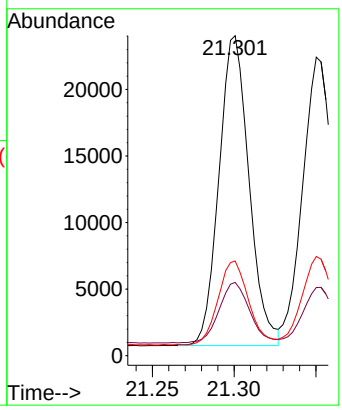


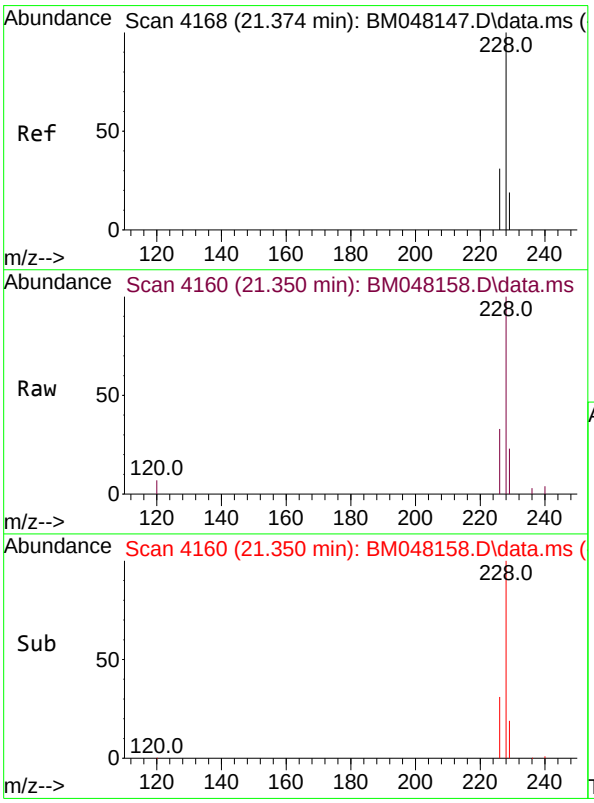
#21
Benzo(a)anthracene
Concen: 0.576 ng/ul
RT: 21.301 min Scan# 4
Delta R.T. -0.021 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Instrument :
BNA_M
ClientSampleId :
E27H4MS

Tgt Ion:228 Resp: 29816

Ion	Ratio	Lower	Upper
228	100		
229	22.9	16.4	24.6
226	29.6	22.5	33.7

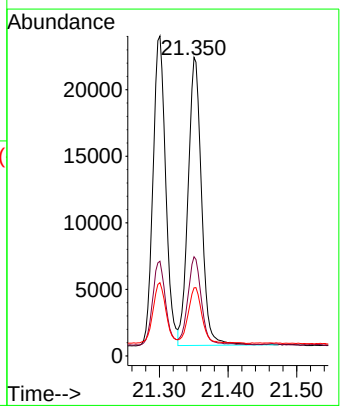


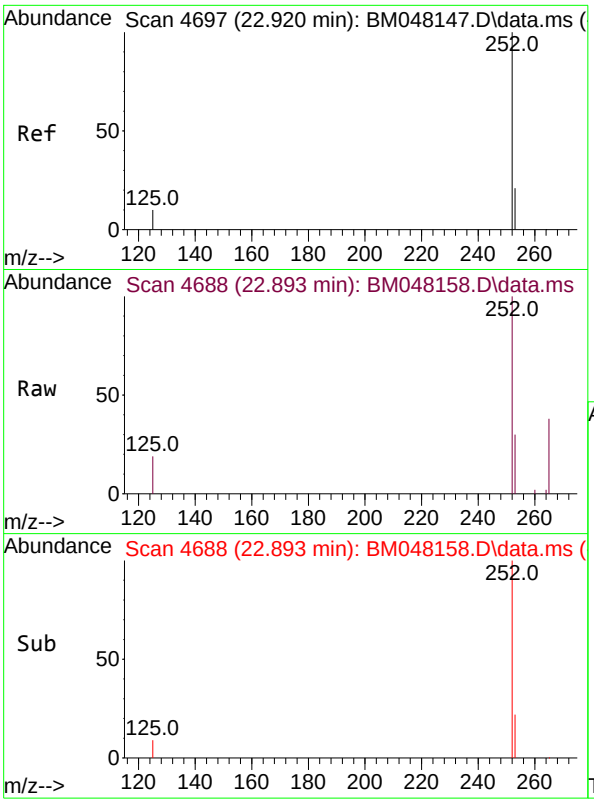


#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.350 min Scan# 4160
Delta R.T. -0.021 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Tgt Ion:228 Resp: 29503

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.0	36.0
229	22.8	16.1	24.1



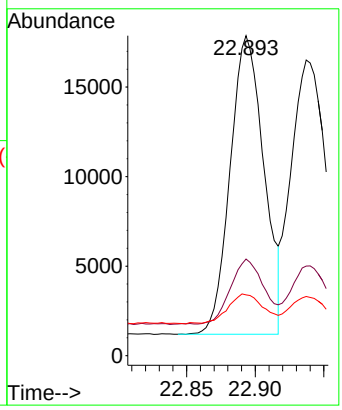


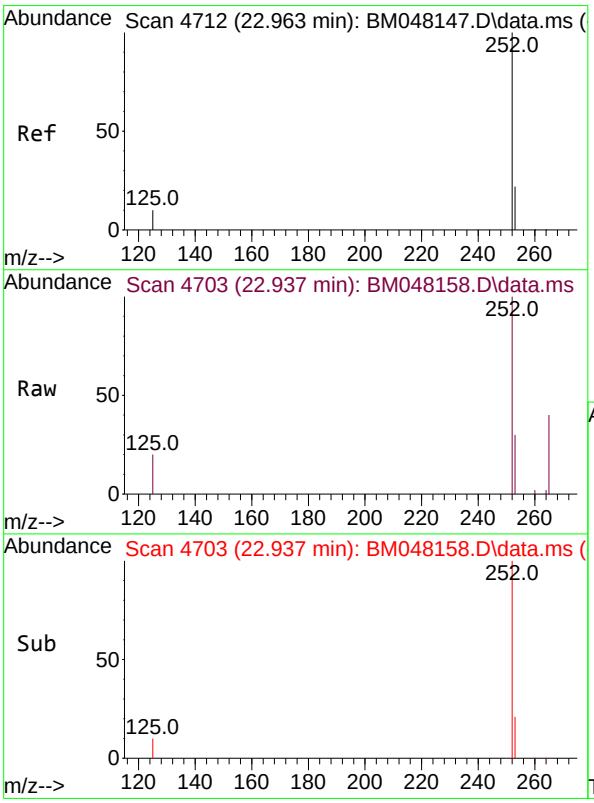
#24
Benzo(b)fluoranthene
Concen: 0.443 ng/ul
RT: 22.893 min Scan# 4
Delta R.T. -0.024 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Instrument :
BNA_M
ClientSampleId :
E27H4MS

Tgt Ion:252 Resp: 28540

Ion	Ratio	Lower	Upper
252	100		
253	30.2	0.0	61.6
125	19.0	0.0	42.8

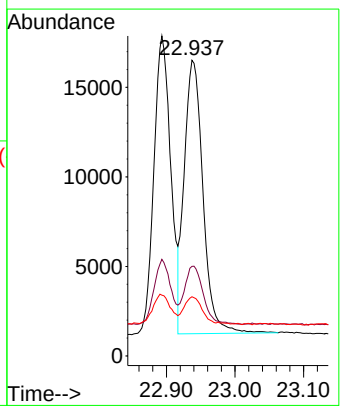


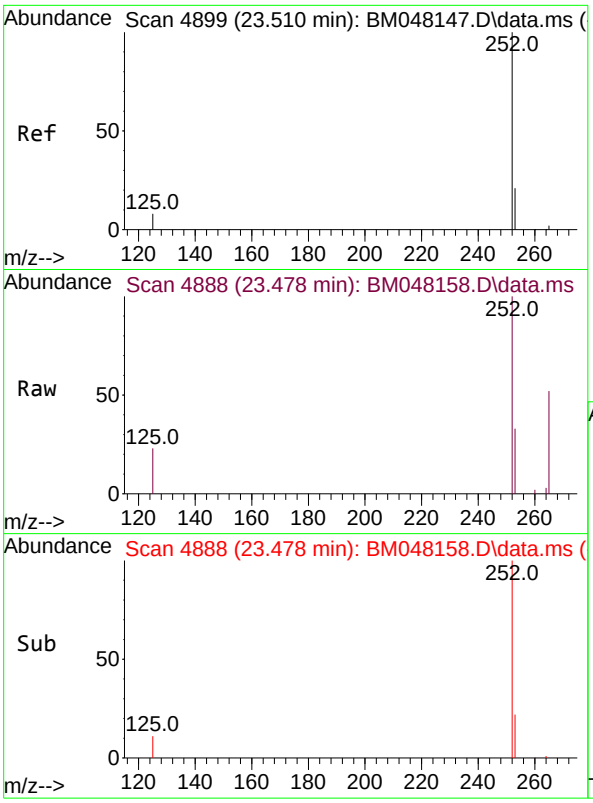


#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul
RT: 22.937 min Scan# 4703
Delta R.T. -0.024 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Tgt Ion:252 Resp: 28970

Ion	Ratio	Lower	Upper
252	100		
253	30.3	24.4	36.6
125	20.0	16.8	25.2



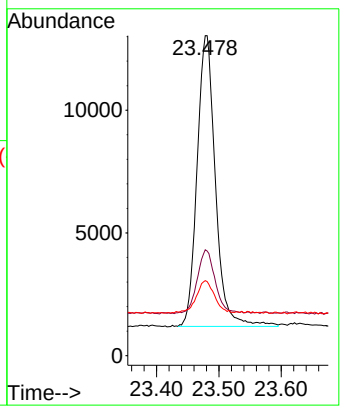


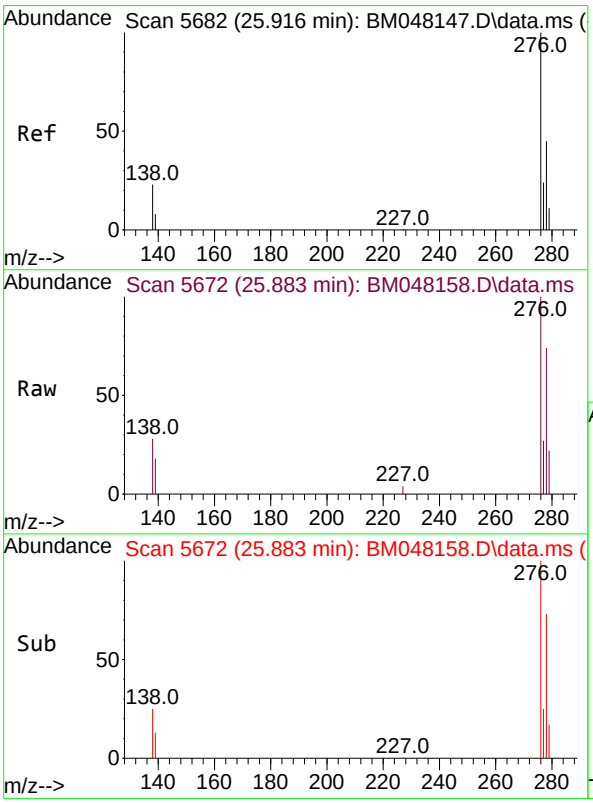
#26
Benzo(a)pyrene
Concen: 0.451 ng/ul
RT: 23.478 min Scan# 4
Delta R.T. -0.027 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Instrument :
BNA_M
ClientSampleId :
E27H4MS

Tgt Ion:252 Resp: 24203

Ion	Ratio	Lower	Upper
252	100		
253	33.1	29.0	43.4
125	23.4	24.4	36.6#

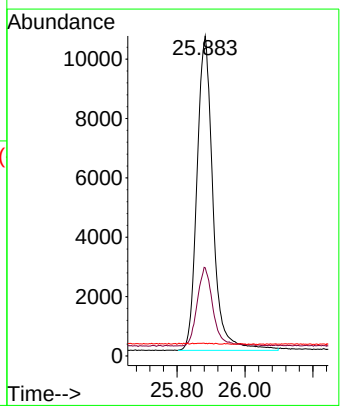


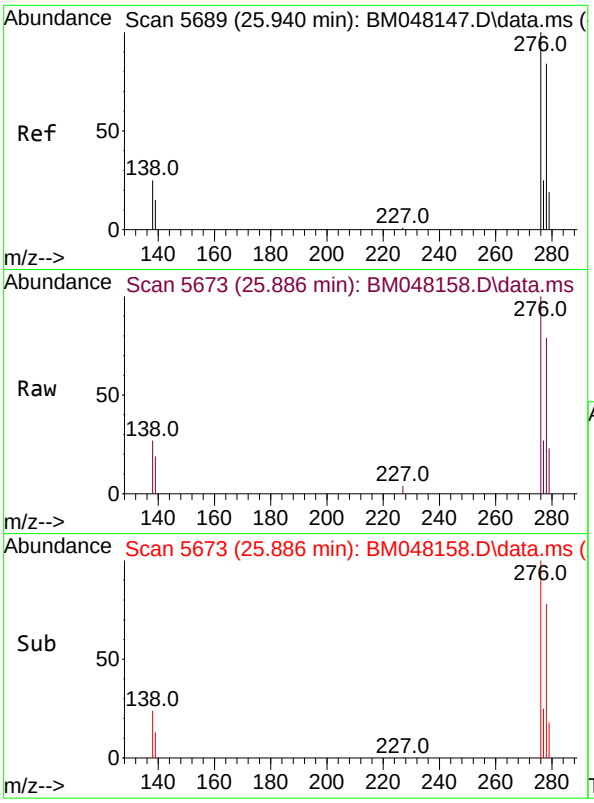


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.430 ng/ul
RT: 25.883 min Scan# 5672
Delta R.T. -0.031 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Tgt Ion:276 Resp: 34559

Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.2	30.2
227	0.1	0.0	0.0#



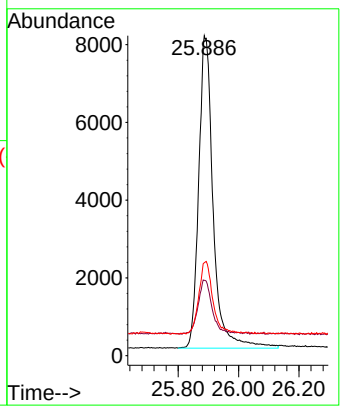


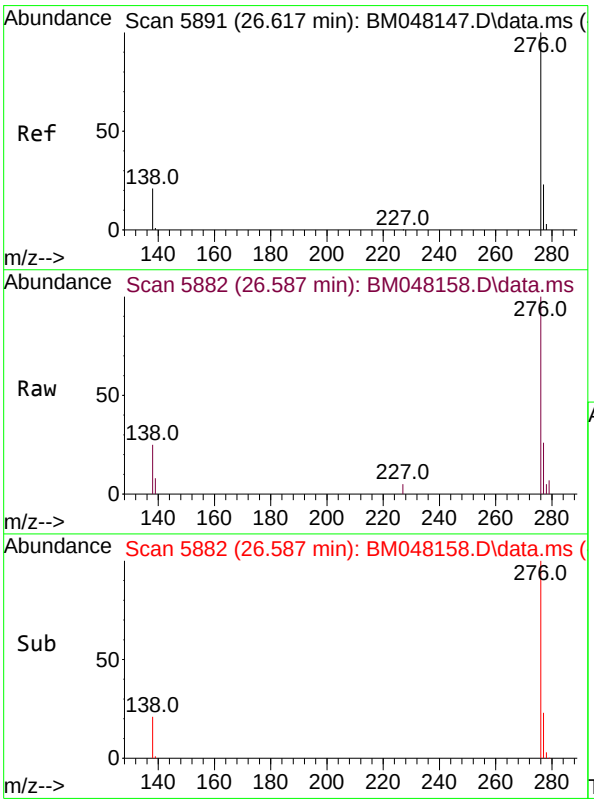
#28
Dibenzo(a,h)anthracene
Concen: 0.436 ng/ul
RT: 25.886 min Scan# 5
Delta R.T. -0.044 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Instrument :
BNA_M
ClientSampleId :
E27H4MS

Tgt Ion:278 Resp: 26765

Ion	Ratio	Lower	Upper
278	100		
139	23.5	18.9	28.3
279	29.1	27.6	41.4





#29
Benzo(g,h,i)perylene
Concen: 0.413 ng/ul
RT: 26.587 min Scan# 5882
Delta R.T. -0.021 min
Lab File: BM048158.D
Acq: 21 Oct 2024 17:00

Tgt Ion:276 Resp: 27749

Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.3	30.5
277	26.1	20.4	30.6