Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
Data File : BM048636.D
Acq On : 13 Nov 2024 16:10
Operator : RC/JU
Sample : P4802-15MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCPD5MSD

Quant Time: Nov 13 17:40:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 11:38:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	3929	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.462	136	13282	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.316	164	7721	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.064	188	15279	0.400	ng/ul	-0.02
17) Chrysene-d12	21.251	240	13486	0.400	ng/ul	-0.01
23) Perylene-d12	23.473	264	13832	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	1154	0.243	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.068	152	5241	0.305	ng/ul	-0.03
18) Fluoranthene-d10	19.094	212	14389	0.380	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.160	88	3691	0.677	ng/ul#	74
5) Naphthalene	10.512	128	11471	0.345	ng/ul	99
7) 2-Methylnaphthalene	12.145	142	7214	0.345	ng/ul	95
8) 1-Methylnaphthalene	12.354	142	7461	0.348	ng/ul	98
10) Acenaphthylene	14.038	152	10231	0.349	ng/ul	100
11) Acenaphthene	14.376	153	8254	0.352	ng/ul	100
12) Fluorene	15.375	166	9515	0.373	ng/ul	99
14) Pentachlorophenol	16.731	266	3724	0.664	ng/ul	98
15) Phenanthrene	17.106	178	15510	0.386	ng/ul	99
16) Anthracene	17.203	178	14165	0.379	ng/ul	100
19) Fluoranthene	19.126	202	20305	0.407	ng/ul	98
20) Pyrene	19.489	202	21414	0.395	ng/ul	98
21) Benzo(a)anthracene	21.240	228	15551	0.352	ng/ul	99
22) Chrysene	21.286	228	22496	0.425	ng/ul	99
24) Benzo(b)fluoranthene	22.809	252	17890	0.415	ng/ul	93
25) Benzo(k)fluoranthene	22.850	252	22303	0.441	ng/ul	93
26) Benzo(a)pyrene	23.382	252	16754	0.398	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.732	276	22569	0.384	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.746	278	17170	0.376	ng/ul	97
29) Benzo(g,h,i)perylene	26.413	276	19365	0.393	ng/ul	99

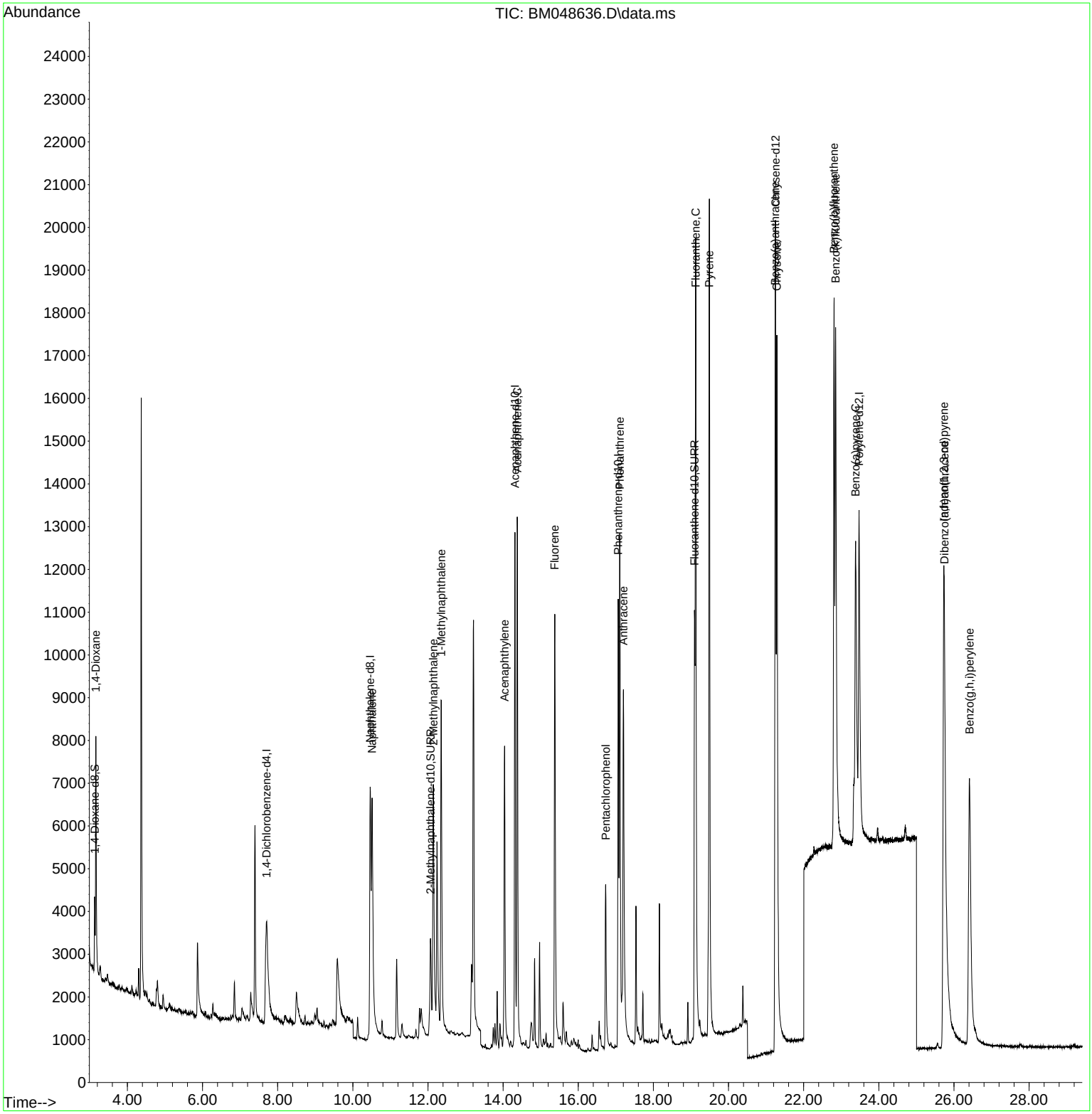
(#) = qualifier out of range (m) = manual integration (+) = signals summed

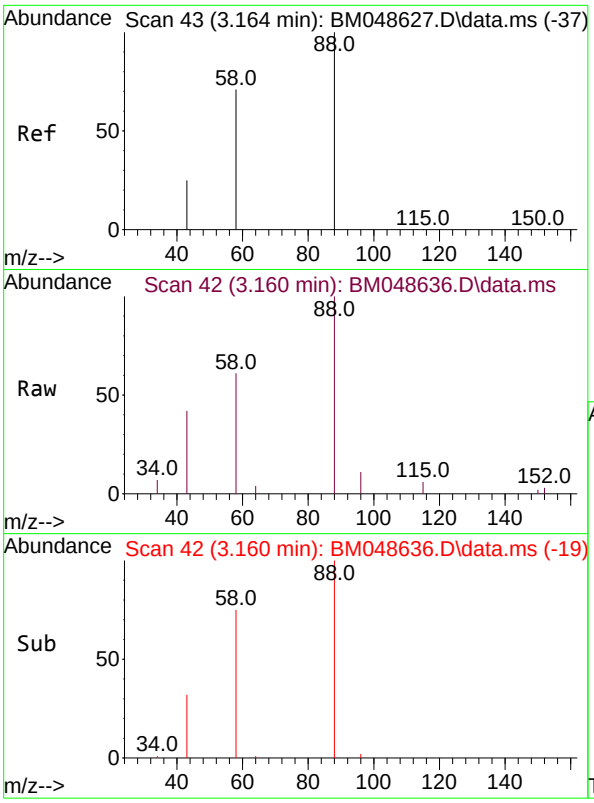
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
Data File : BM048636.D
Acq On : 13 Nov 2024 16:10
Operator : RC/JU
Sample : P4802-15MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCPD5MSD

Quant Time: Nov 13 17:40:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 11:38:55 2024
Response via : Initial Calibration



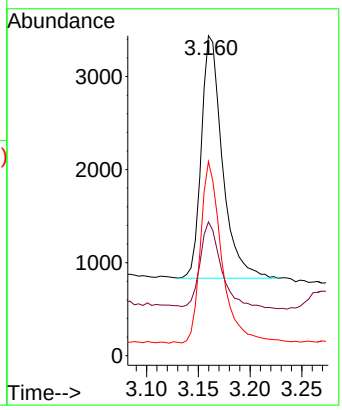


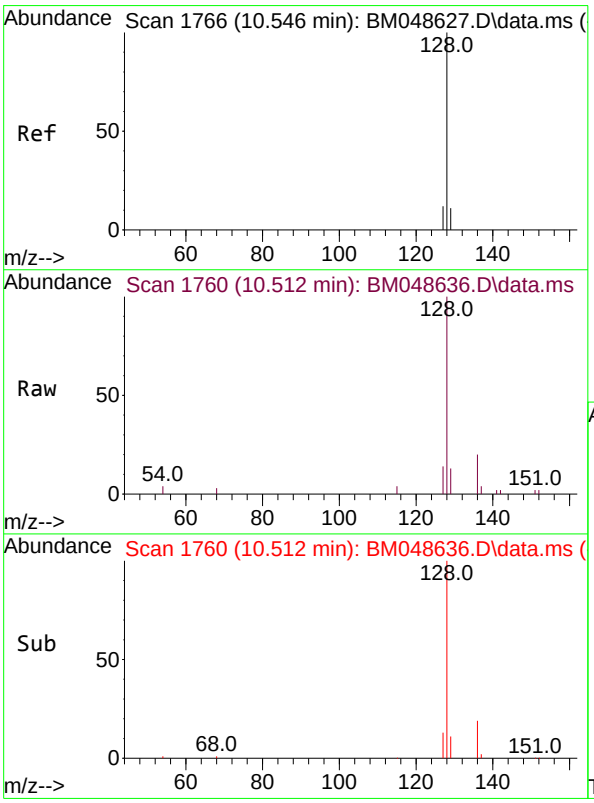
#2
1,4-Dioxane
Concen: 0.677 ng/ul
RT: 3.160 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Instrument :
BNA_M
ClientSampleId :
GCPD5MSD

Tgt Ion: 88 Resp: 3691

Ion	Ratio	Lower	Upper
88	100		
43	41.8	60.2	90.4#
58	60.7	44.2	66.2

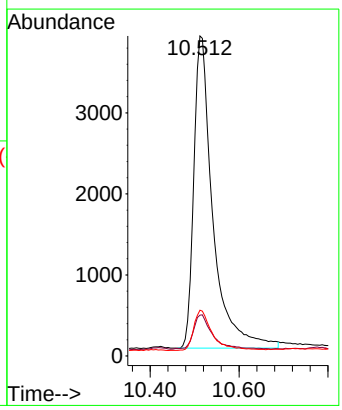


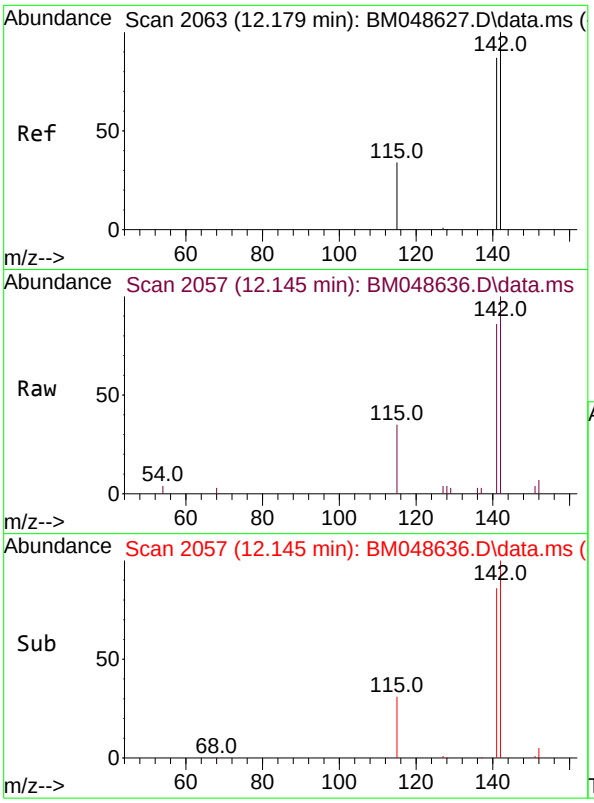


#5
Naphthalene
Concen: 0.345 ng/ul
RT: 10.512 min Scan# 1760
Delta R.T. -0.034 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Tgt Ion:128 Resp: 11471

Ion	Ratio	Lower	Upper
128	100		
129	12.8	10.0	15.0
127	14.3	10.9	16.3



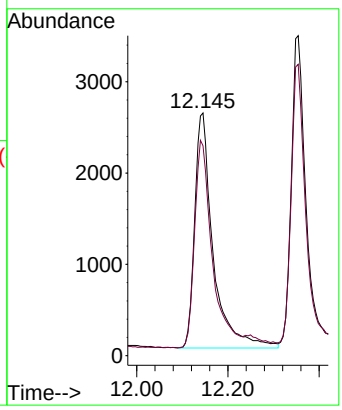


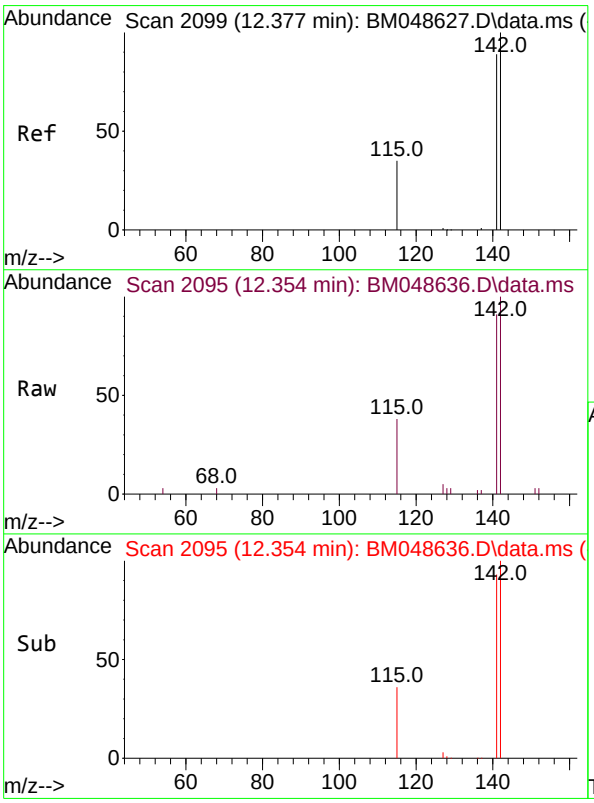
#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.145 min Scan# 2
Delta R.T. -0.034 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Instrument :
BNA_M
ClientSampleId :
GCPD5MSD

Tgt Ion:142 Resp: 7214

Ion	Ratio	Lower	Upper
142	100		
141	90.1	68.6	103.0

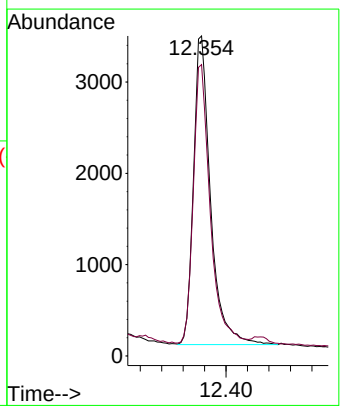


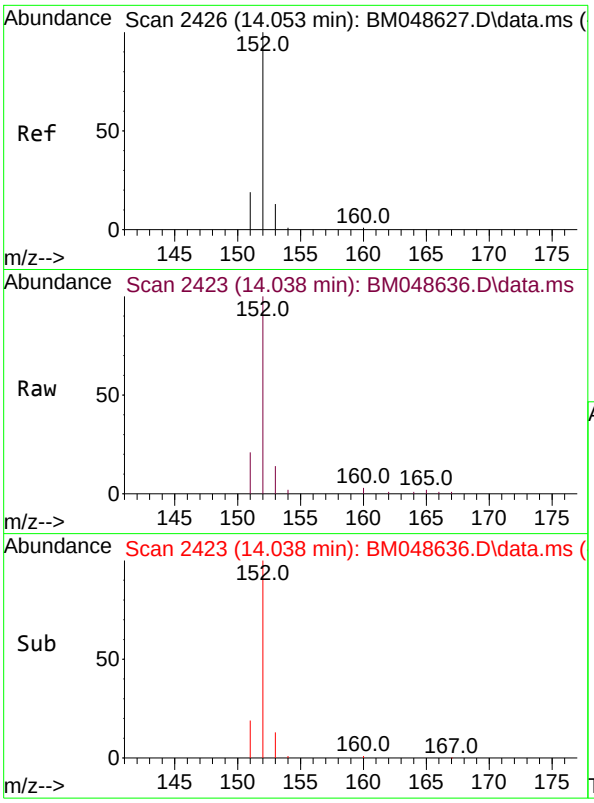


#8
1-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.354 min Scan# 2095
Delta R.T. -0.023 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Tgt Ion:142 Resp: 7461

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.8	109.2



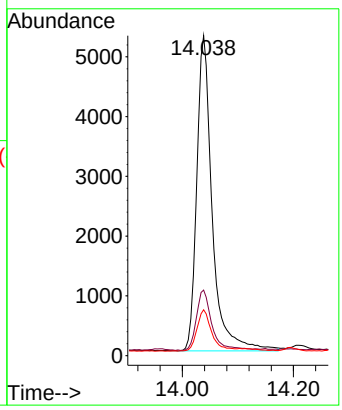


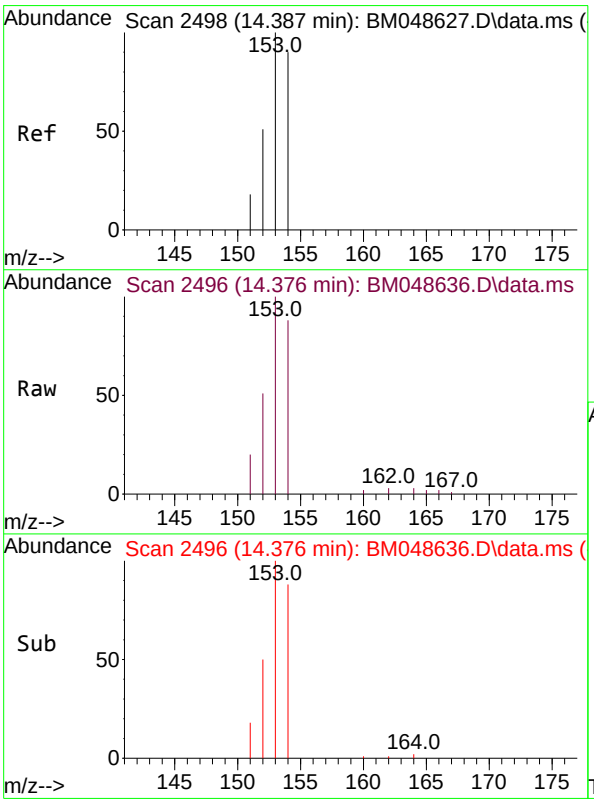
#10
Acenaphthylene
Concen: 0.349 ng/ul
RT: 14.038 min Scan# 24
Delta R.T. -0.015 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Instrument :
BNA_M
ClientSampleId :
GCPD5MSD

Tgt Ion:152 Resp: 10231

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7
153	14.3	11.6	17.4

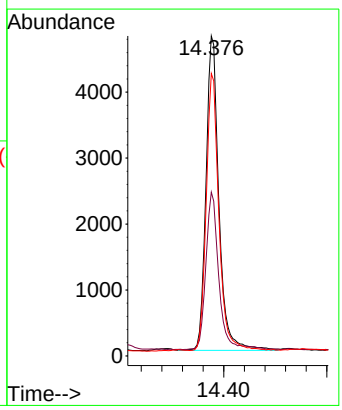


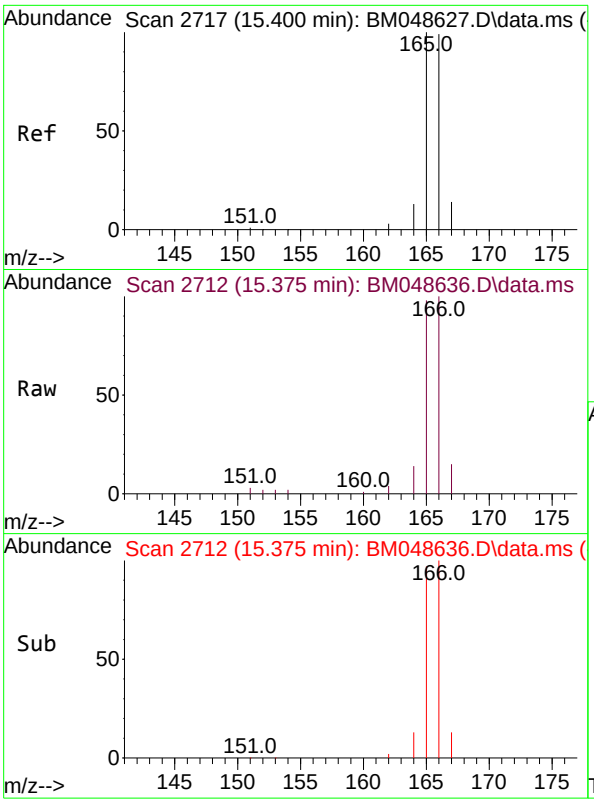


#11
Acenaphthene
Concen: 0.352 ng/ul
RT: 14.376 min Scan# 2496
Delta R.T. -0.011 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Tgt Ion:153 Resp: 8254

Ion	Ratio	Lower	Upper
153	100		
152	51.2	41.1	61.7
154	88.2	70.3	105.5



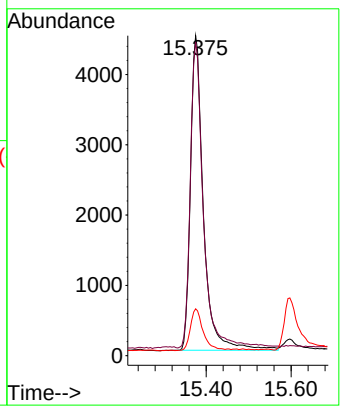


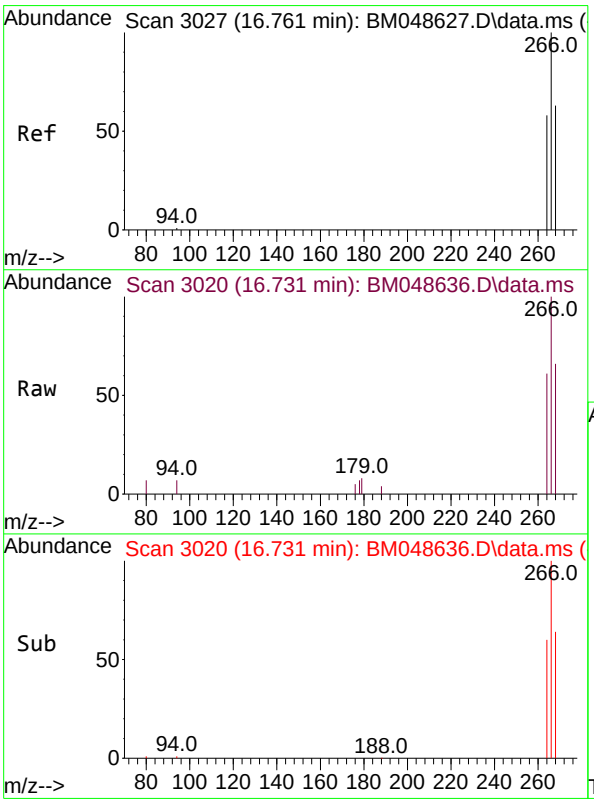
#12
Fluorene
Concen: 0.373 ng/ul
RT: 15.375 min Scan# 2
Delta R.T. -0.024 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Instrument :
BNA_M
ClientSampleId :
GCPD5MSD

Tgt Ion:166 Resp: 9515

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.7	118.1
167	14.6	12.6	18.8

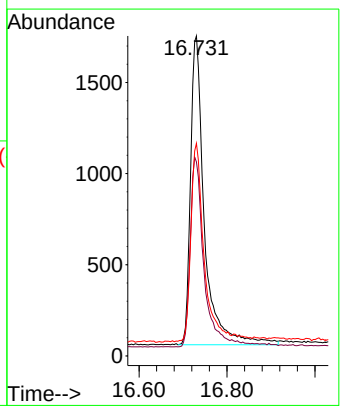


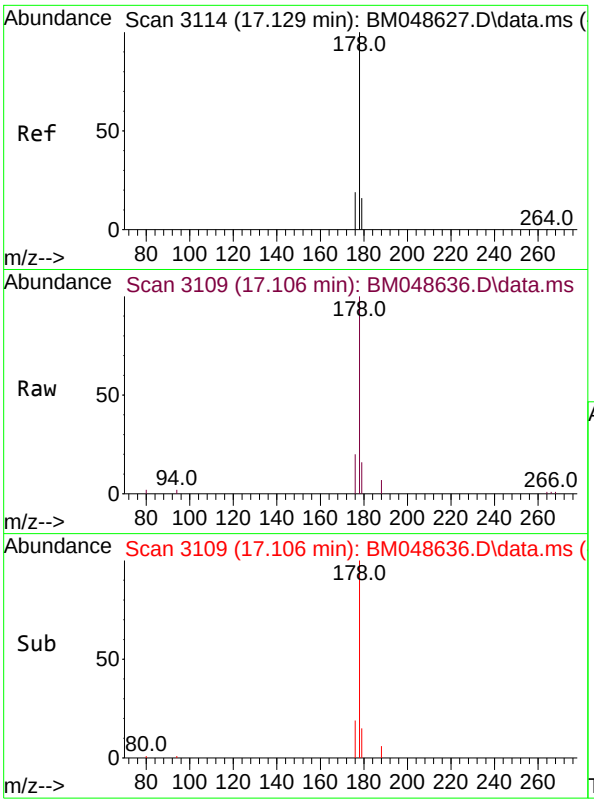


#14
Pentachlorophenol
Concen: 0.664 ng/ul
RT: 16.731 min Scan# 3020
Delta R.T. -0.031 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Tgt Ion:266 Resp: 3724

Ion	Ratio	Lower	Upper
266	100		
264	61.8	49.6	74.4
268	64.6	49.4	74.0



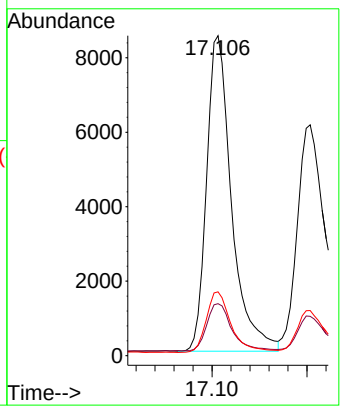


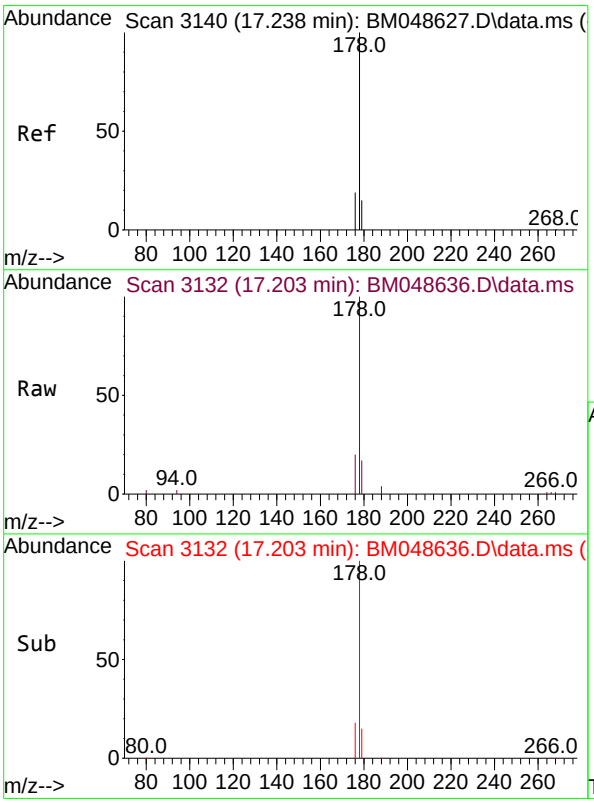
#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.106 min Scan# 3
Delta R.T. -0.022 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Instrument :
BNA_M
ClientSampleId :
GCPD5MSD

Tgt Ion:178 Resp: 15510

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.4	20.0
176	19.9	16.2	24.2

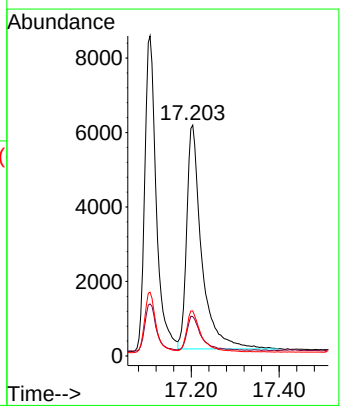


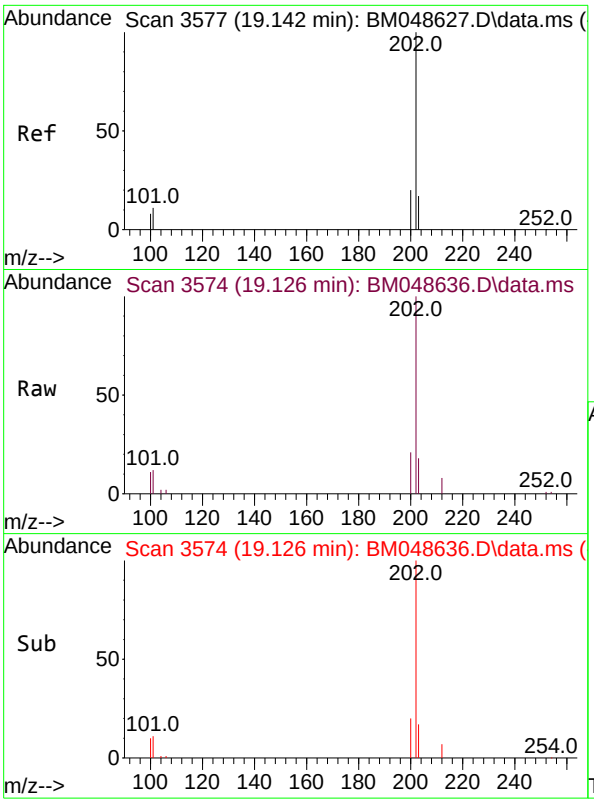


#16
Anthracene
Concen: 0.379 ng/ul
RT: 17.203 min Scan# 3132
Delta R.T. -0.035 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Tgt Ion:178 Resp: 14165

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.7	20.5
176	19.5	15.9	23.9



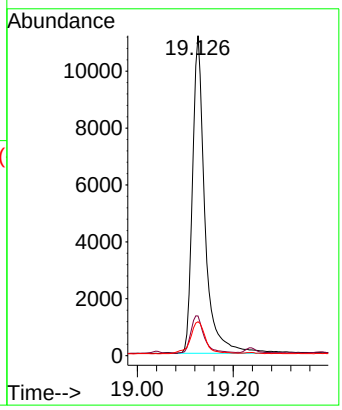


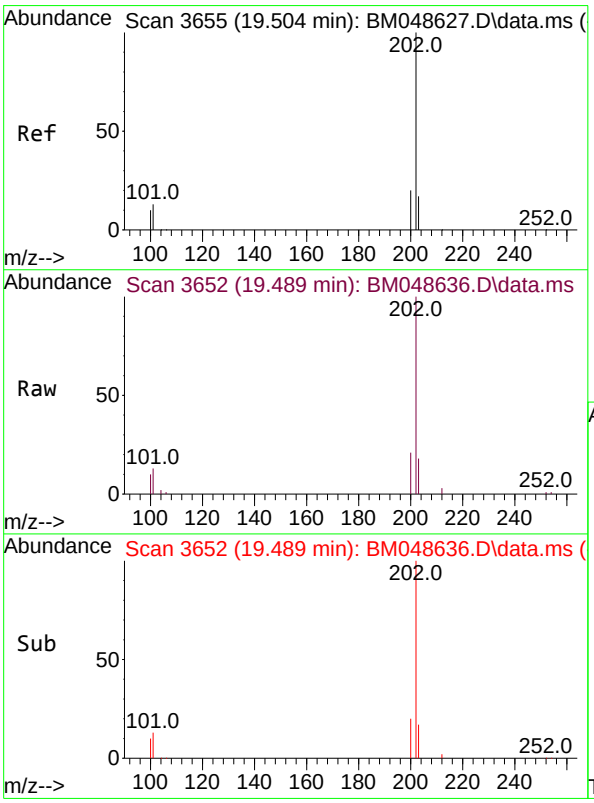
#19
Fluoranthene
Concen: 0.407 ng/ul
RT: 19.126 min Scan# 3
Delta R.T. -0.015 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Instrument :
BNA_M
ClientSampleId :
GCPD5MSD

Tgt Ion:202 Resp: 20305

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.2	15.4
100	10.6	7.3	10.9

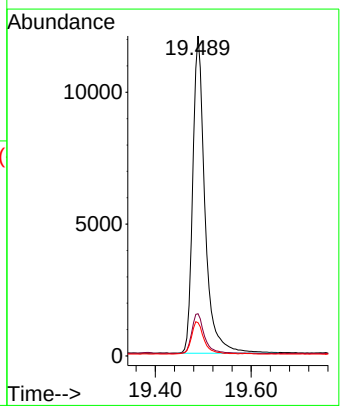


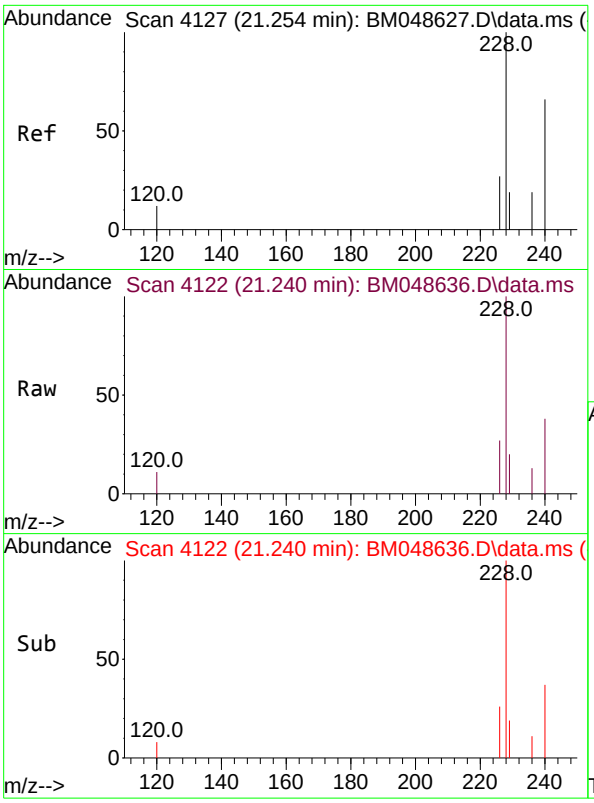


#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.489 min Scan# 3652
Delta R.T. -0.015 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Tgt Ion:202 Resp: 21414

Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.4	17.2
100	10.4	8.5	12.7



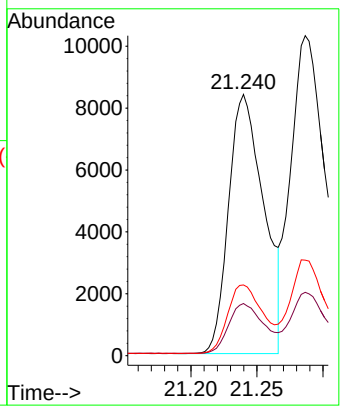


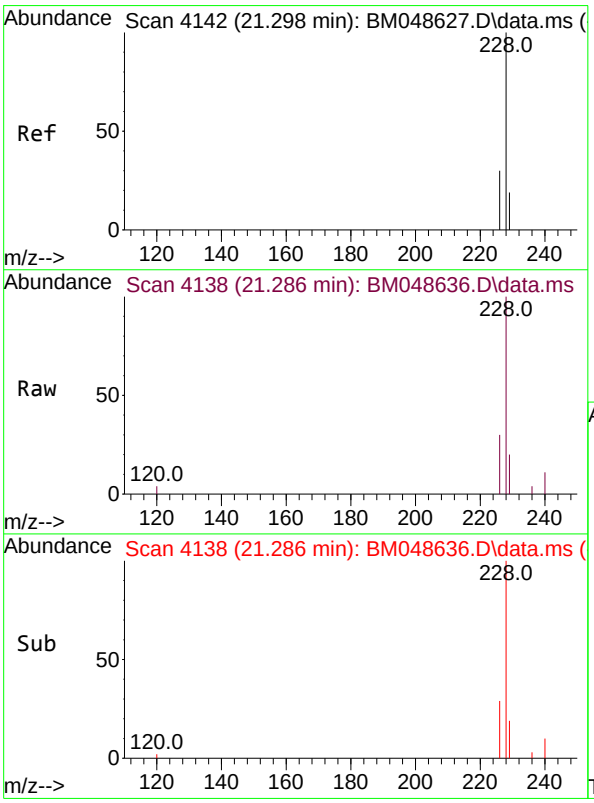
#21
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.240 min Scan# 4
Delta R.T. -0.014 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Instrument :
BNA_M
ClientSampleId :
GCPD5MSD

Tgt Ion:228 Resp: 15551

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.2	24.2
226	27.1	22.1	33.1

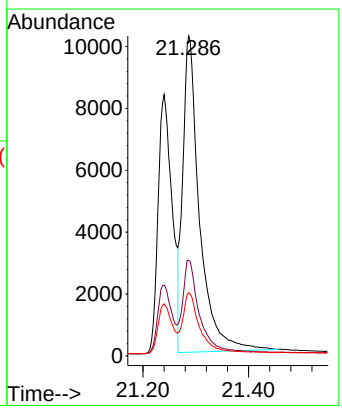


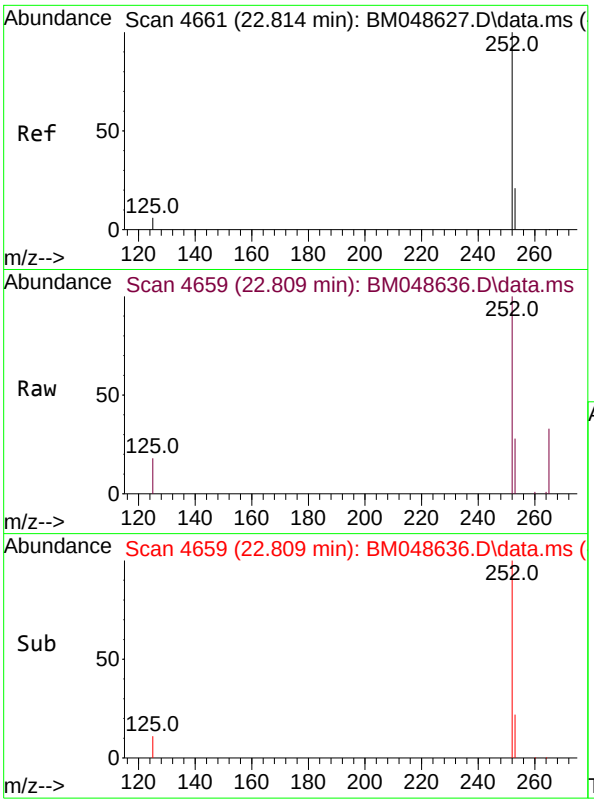


#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.286 min Scan# 4138
Delta R.T. -0.011 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Tgt Ion:228 Resp: 22496

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	19.8	16.5	24.7



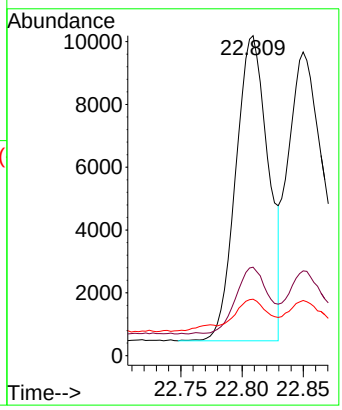


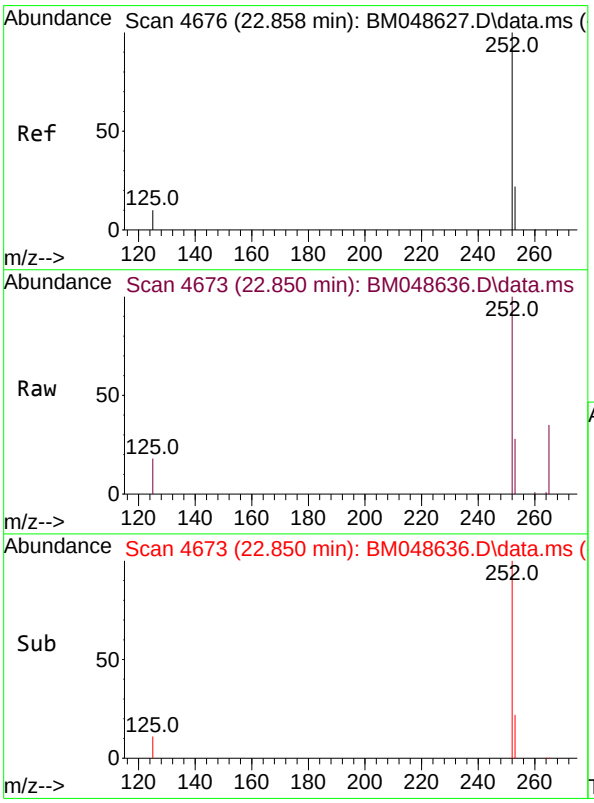
#24
Benzo(b)fluoranthene
Concen: 0.415 ng/ul
RT: 22.809 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Instrument :
BNA_M
ClientSampleId :
GCPD5MSD

Tgt Ion:252 Resp: 17890

Ion	Ratio	Lower	Upper
252	100		
253	27.6	0.0	61.6
125	17.7	0.0	43.2

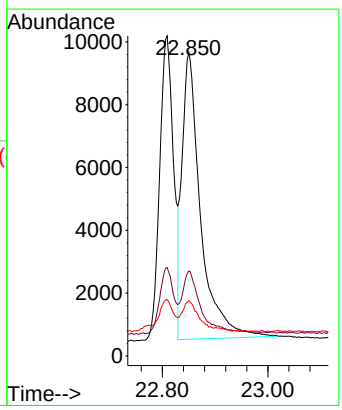


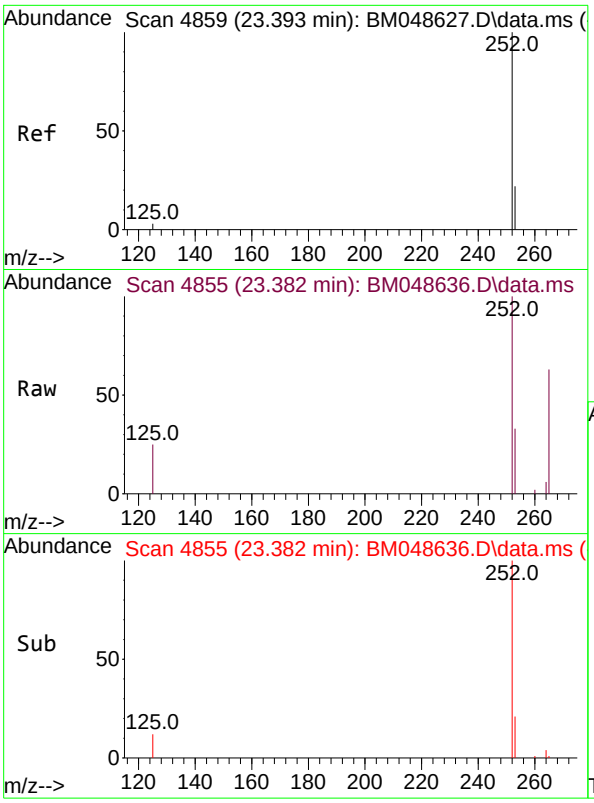


#25
Benzo(k)fluoranthene
Concen: 0.441 ng/ul
RT: 22.850 min Scan# 4673
Delta R.T. -0.008 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Tgt Ion:252 Resp: 22303

Ion	Ratio	Lower	Upper
252	100		
253	27.9	25.0	37.4
125	18.2	17.4	26.0



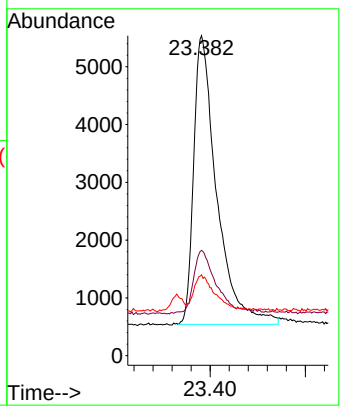


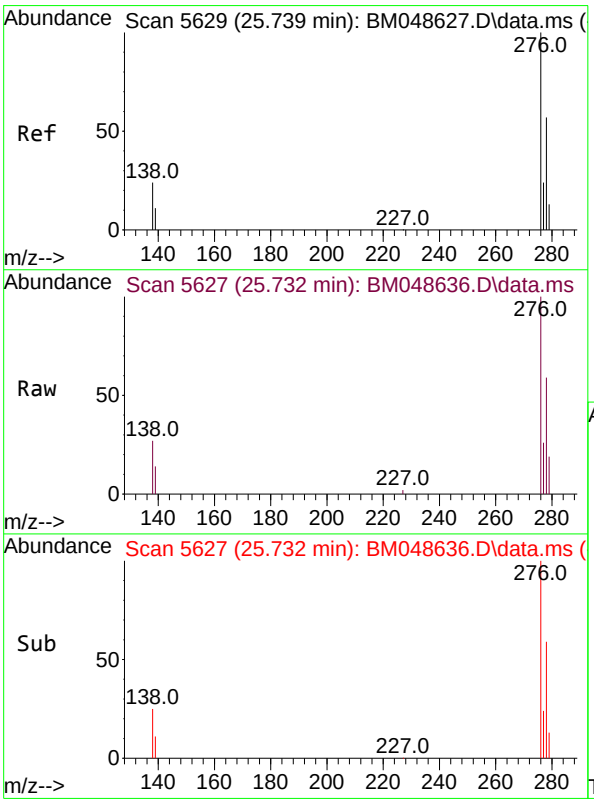
#26
Benzo(a)pyrene
Concen: 0.398 ng/ul
RT: 23.382 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Instrument :
BNA_M
ClientSampleId :
GCPD5MSD

Tgt Ion:252 Resp: 16754

Ion	Ratio	Lower	Upper
252	100		
253	32.9	29.6	44.4
125	25.2	23.9	35.9

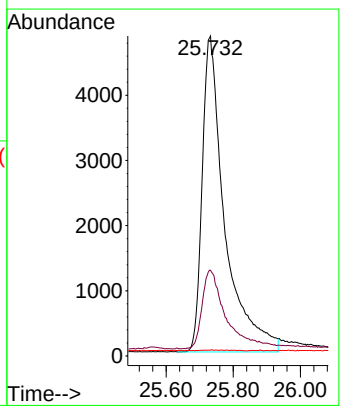


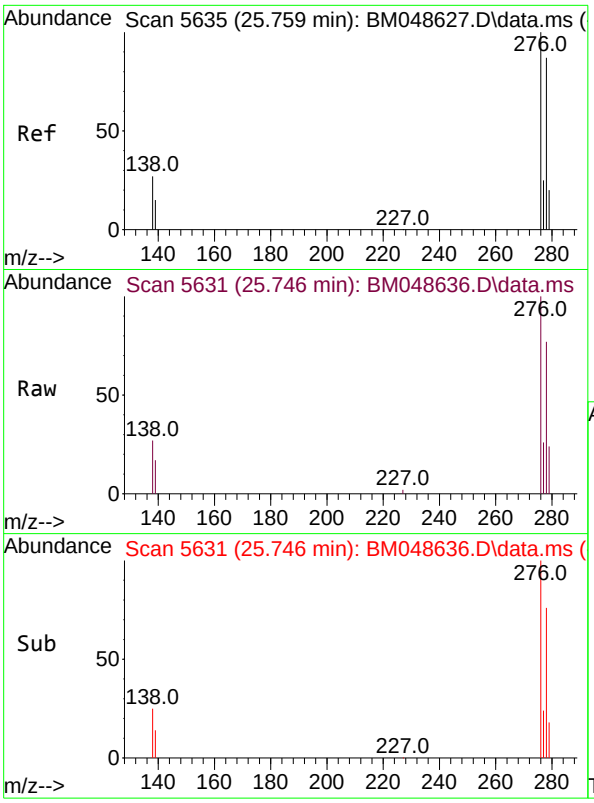


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng/ul
RT: 25.732 min Scan# 5627
Delta R.T. -0.006 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Tgt Ion:276 Resp: 22569

Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.1	30.1
227	0.0	0.1	0.1#



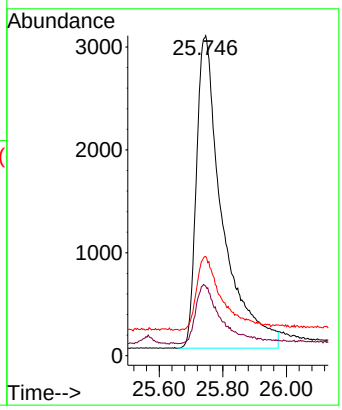


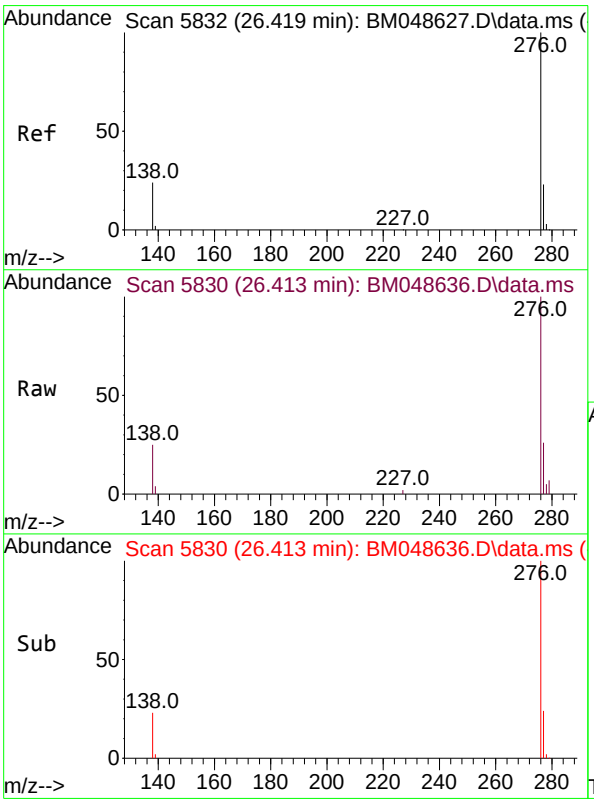
#28
Dibenzo(a,h)anthracene
Concen: 0.376 ng/ul
RT: 25.746 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Instrument :
BNA_M
ClientSampleId :
GCPD5MSD

Tgt Ion:278 Resp: 17170

Ion	Ratio	Lower	Upper
278	100		
139	21.8	17.8	26.8
279	31.0	26.6	39.8





#29
Benzo(g,h,i)perylene
Concen: 0.393 ng/ul
RT: 26.413 min Scan# 5830
Delta R.T. -0.006 min
Lab File: BM048636.D
Acq: 13 Nov 2024 16:10

Tgt Ion:276 Resp: 19365

Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.0	31.6
277	25.6	20.5	30.7