Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
Data File : BM048903.D
Acq On : 07 Dec 2024 18:46
Operator : RC/JU
Sample : PB165452BS
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS452

Quant Time: Dec 08 21:48:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 00:05:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	5517	0.400	ng/ul	0.00
4) Naphthalene-d8	10.352	136	15750	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.223	164	9073	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	18503	0.400	ng/ul	0.00
17) Chrysene-d12	21.167	240	12180	0.400	ng/ul	0.00
23) Perylene-d12	23.341	264	10968	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	4487	0.637	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.952	152	7965	0.420	ng/ul	-0.01
18) Fluoranthene-d10	19.005	212	15602	0.415	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	12705	1.523	ng/ul#	76
5) Naphthalene	10.402	128	14327	0.360	ng/ul	99
7) 2-Methylnaphthalene	12.029	142	8975	0.390	ng/ul	98
8) 1-Methylnaphthalene	12.249	142	9156	0.376	ng/ul	98
10) Acenaphthylene	13.941	152	13517	0.340	ng/ul	98
11) Acenaphthene	14.288	153	10460	0.364	ng/ul	98
12) Fluorene	15.278	166	11583	0.390	ng/ul	98
14) Pentachlorophenol	16.625	266	1849	1.156	ng/ul#	1
15) Phenanthrene	17.013	178	18411	0.392	ng/ul	97
16) Anthracene	17.106	178	15850	0.379	ng/ul	97
19) Fluoranthene	19.033	202	20493	0.366	ng/ul	99
20) Pyrene	19.396	202	20877	0.358	ng/ul	100
21) Benzo(a)anthracene	21.152	228	14546	0.423	ng/ul	98
22) Chrysene	21.204	228	18536	0.341	ng/ul	99
24) Benzo(b)fluoranthene	22.695	252	15224	0.494	ng/ul	93
25) Benzo(k)fluoranthene	22.739	252	17254	0.400	ng/ul	95
26) Benzo(a)pyrene	23.247	252	12690	0.402	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.497	276	16763	0.402	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.514	278	12826	0.411	ng/ul	92
29) Benzo(g,h,i)perylene	26.148	276	13975	0.386	ng/ul	96

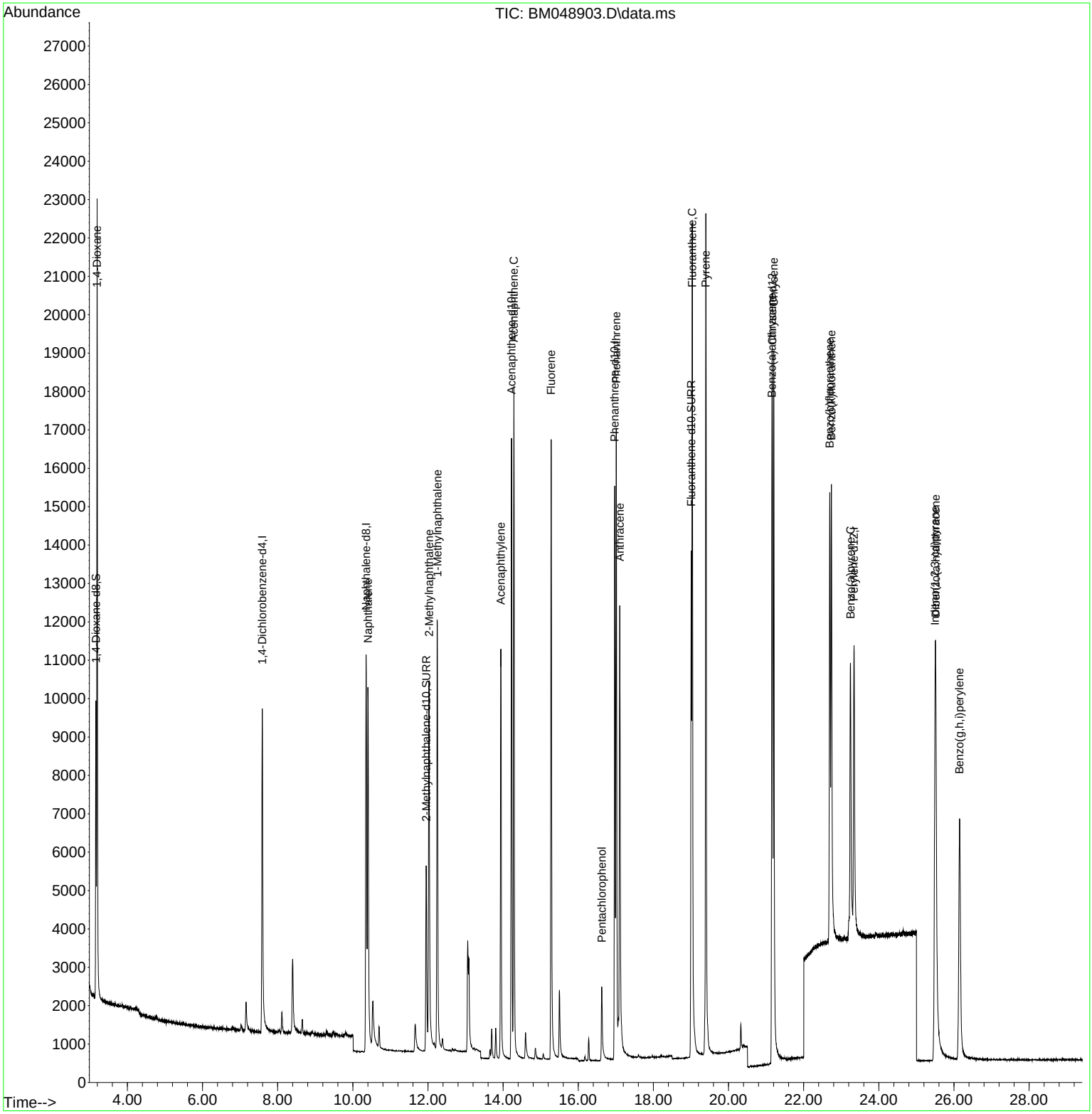
(#) = qualifier out of range (m) = manual integration (+) = signals summed

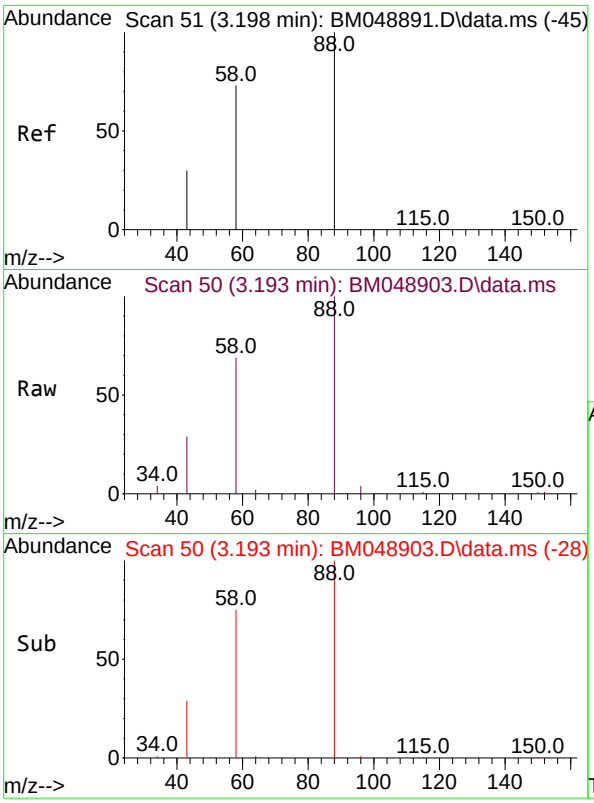
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
Data File : BM048903.D
Acq On : 07 Dec 2024 18:46
Operator : RC/JU
Sample : PB165452BS
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS452

Quant Time: Dec 08 21:48:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 00:05:00 2024
Response via : Initial Calibration



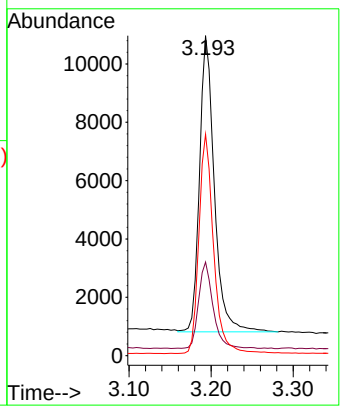


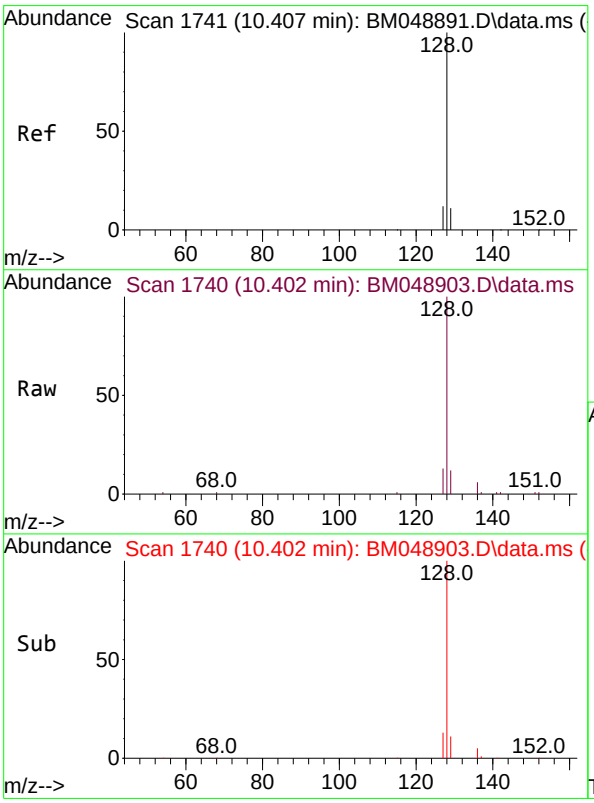
#2
1,4-Dioxane
Concen: 1.523 ng/ul
RT: 3.193 min Scan# 5
Delta R.T. -0.009 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Instrument :
BNA_M
ClientSampleId :
SLCS452

Tgt Ion: 88 Resp: 12705

Ion	Ratio	Lower	Upper
88	100		
43	29.3	20.6	30.8
58	69.2	37.6	56.4#

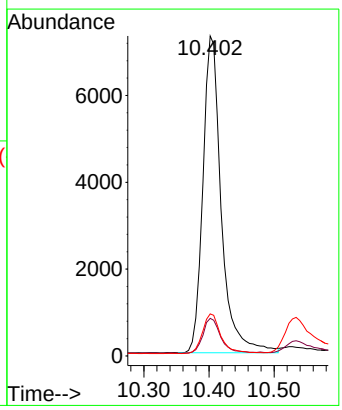


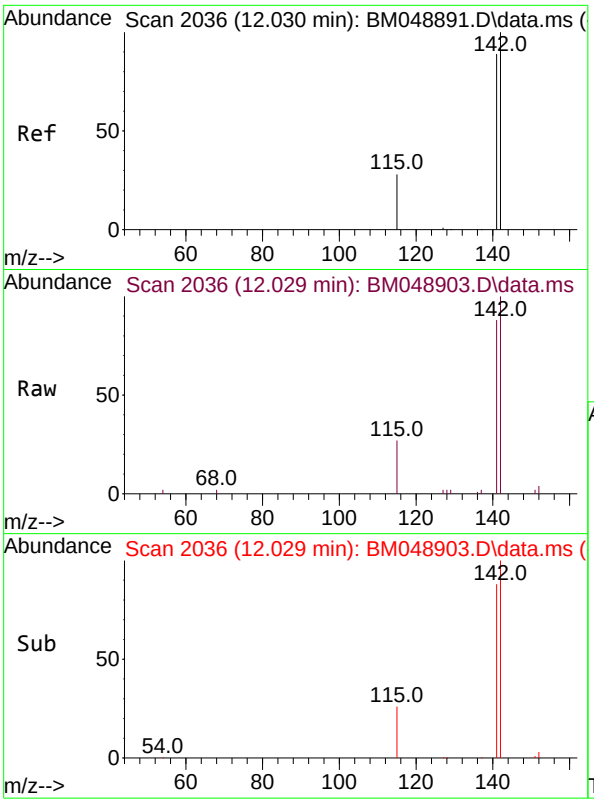


#5
Naphthalene
Concen: 0.360 ng/ul
RT: 10.402 min Scan# 1740
Delta R.T. -0.011 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion:128 Resp: 14327

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	13.2	10.7	16.1



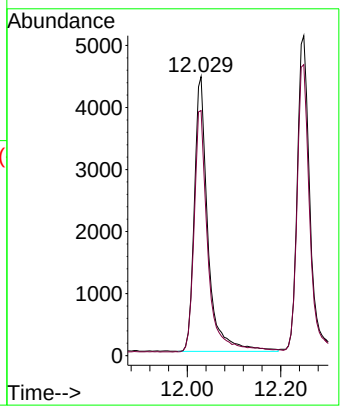


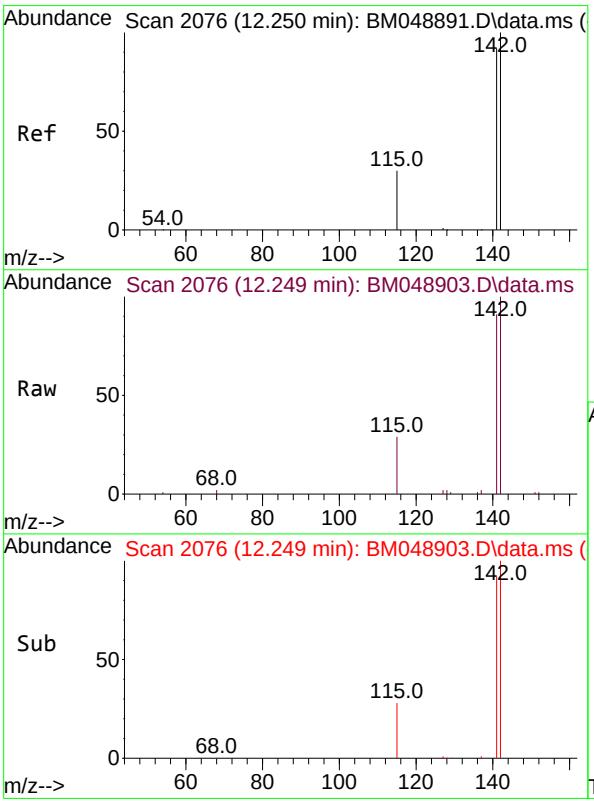
#7
2-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.029 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Instrument :
BNA_M
ClientSampleId :
SLCS452

Tgt Ion:142 Resp: 8975

Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.0	109.6

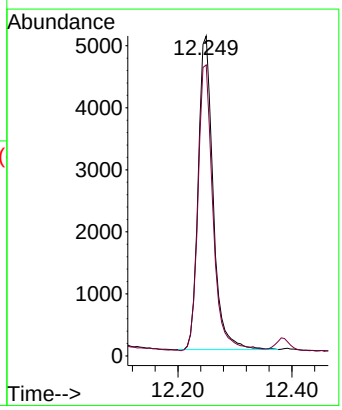


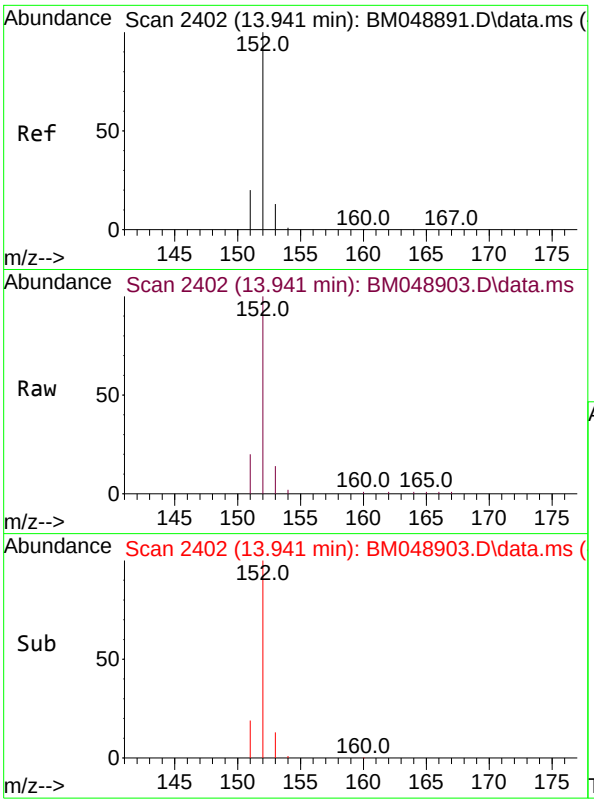


#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.249 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion:142 Resp: 9156

Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.5	108.7



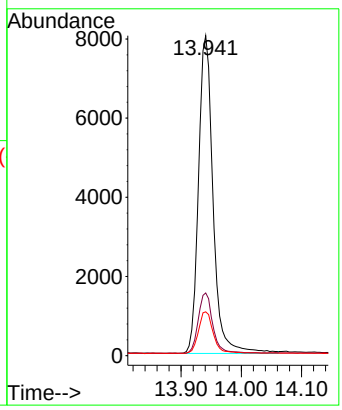


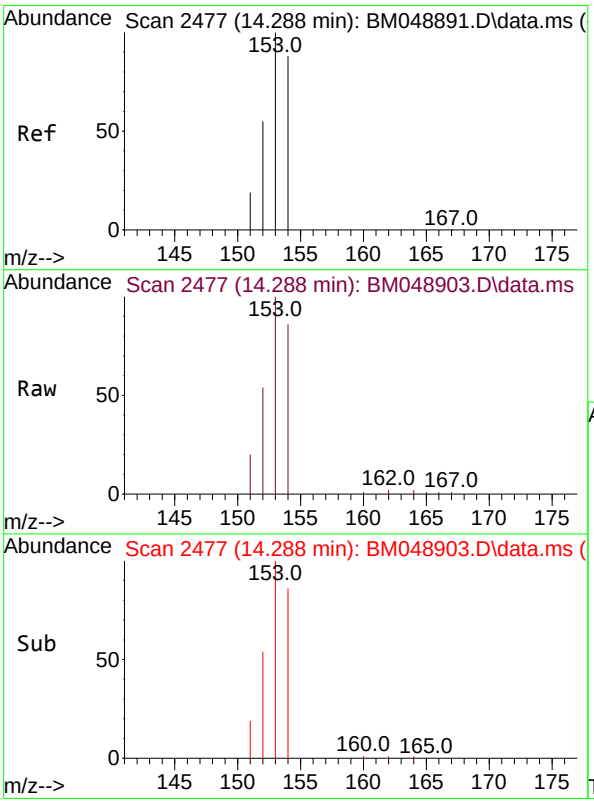
#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 13.941 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Instrument :
BNA_M
ClientSampleId :
SLCS452

Tgt Ion:152 Resp: 13517

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	13.7	11.7	17.5

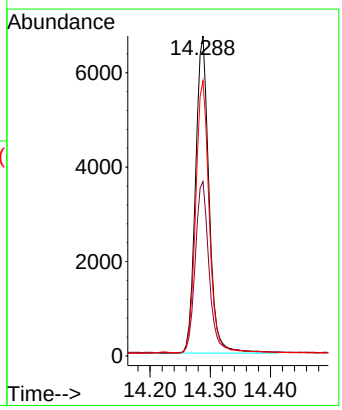


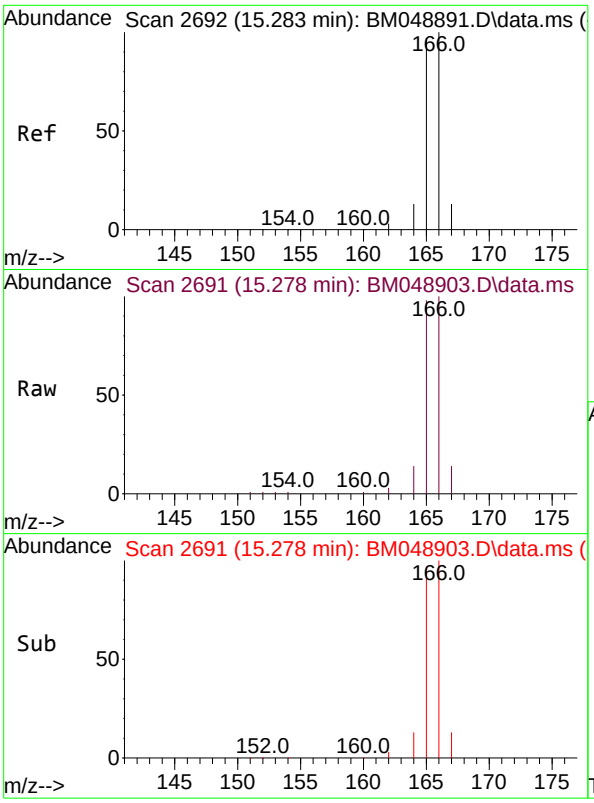


#11
Acenaphthene
Concen: 0.364 ng/ul
RT: 14.288 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion:153 Resp: 10460

Ion	Ratio	Lower	Upper
153	100		
152	54.5	46.5	69.7
154	86.0	68.7	103.1



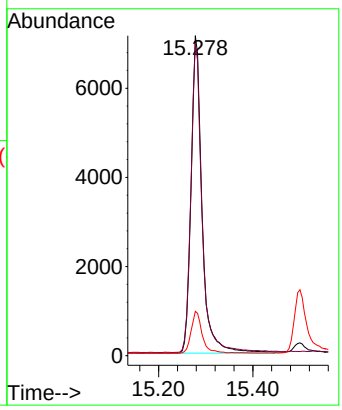


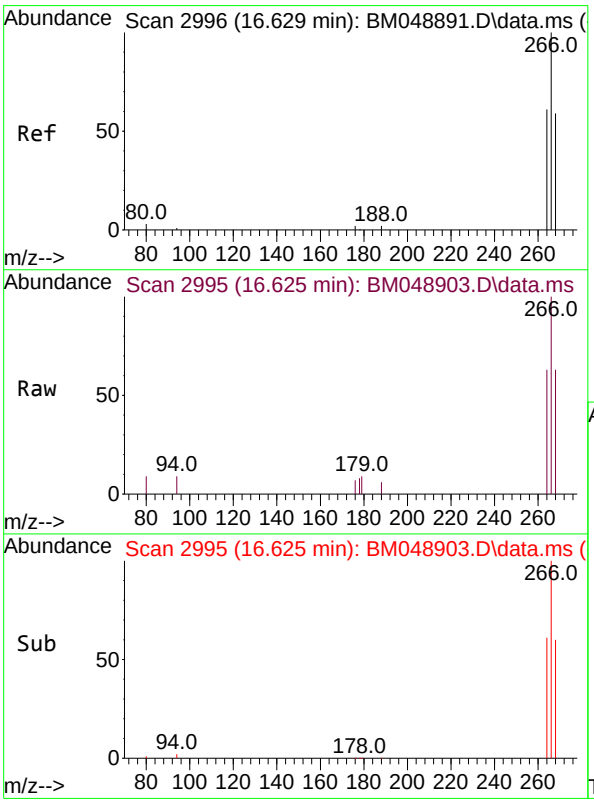
#12
Fluorene
Concen: 0.390 ng/ul
RT: 15.278 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Instrument :
BNA_M
ClientSampleId :
SLCS452

Tgt Ion:166 Resp: 11583

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.8	119.6
167	13.8	12.2	18.2

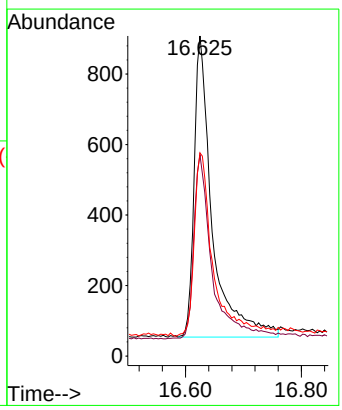


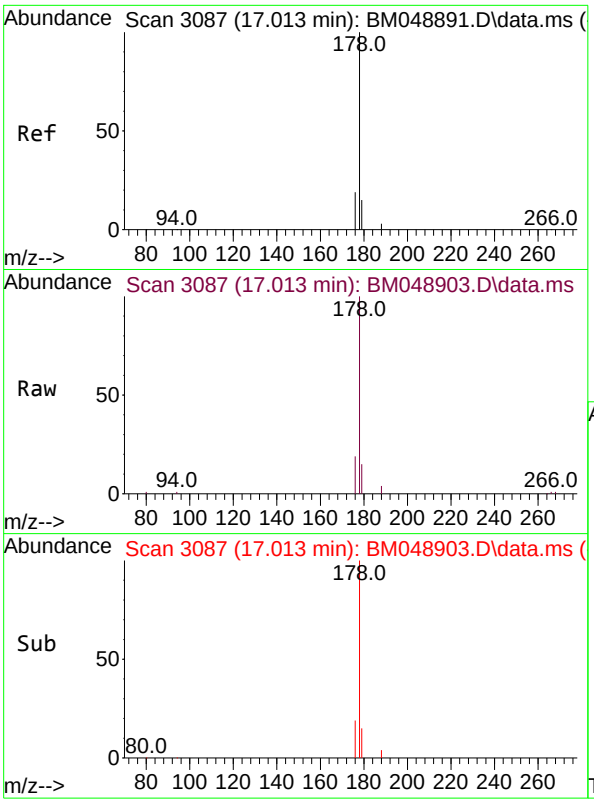


#14
Pentachlorophenol
Concen: 1.156 ng/ul
RT: 16.625 min Scan# 2995
Delta R.T. -0.009 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion:266 Resp: 1849

Ion	Ratio	Lower	Upper
266	100		
264	64.0	15.3	22.9#
268	66.5	0.0	0.0#



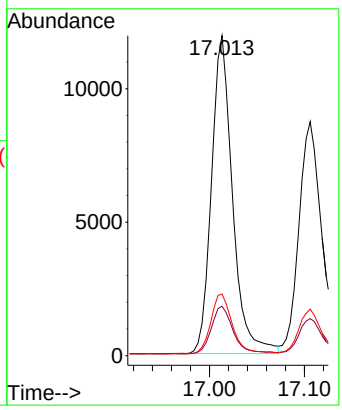


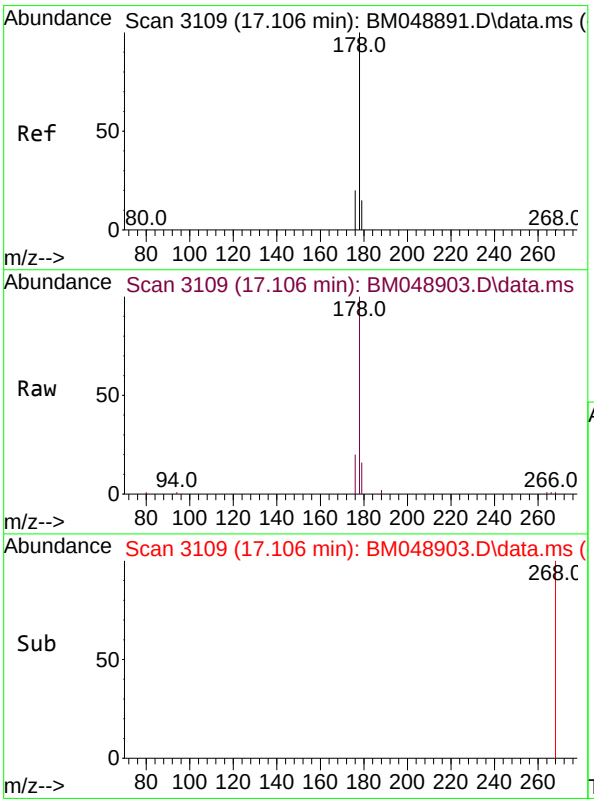
#15
Phenanthrene
Concen: 0.392 ng/ul
RT: 17.013 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Instrument :
BNA_M
ClientSampleId :
SLCS452

Tgt Ion:178 Resp: 18411

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.0
176	19.2	16.2	24.4

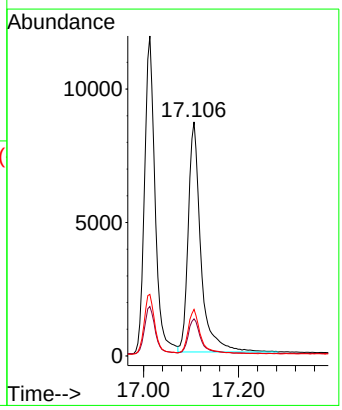


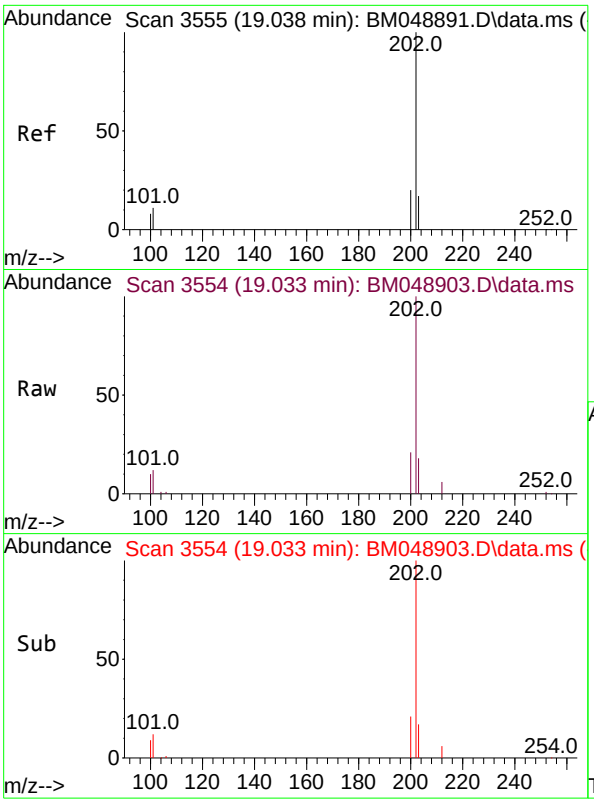


#16
Anthracene
Concen: 0.379 ng/ul
RT: 17.106 min Scan# 3109
Delta R.T. -0.004 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion:178 Resp: 15850

Ion	Ratio	Lower	Upper
178	100		
179	15.9	14.0	21.0
176	19.9	17.0	25.4



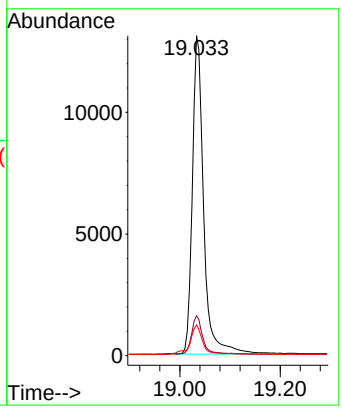


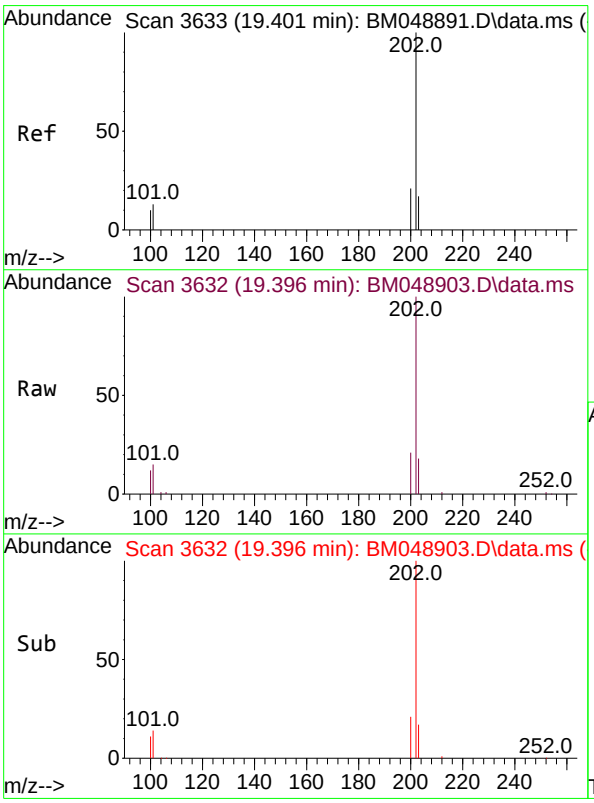
#19
Fluoranthene
Concen: 0.366 ng/ul
RT: 19.033 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Instrument :
BNA_M
ClientSampleId :
SLCS452

Tgt Ion:202 Resp: 20493

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.7	14.5
100	9.6	7.5	11.3

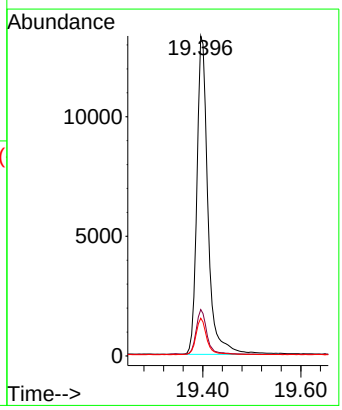


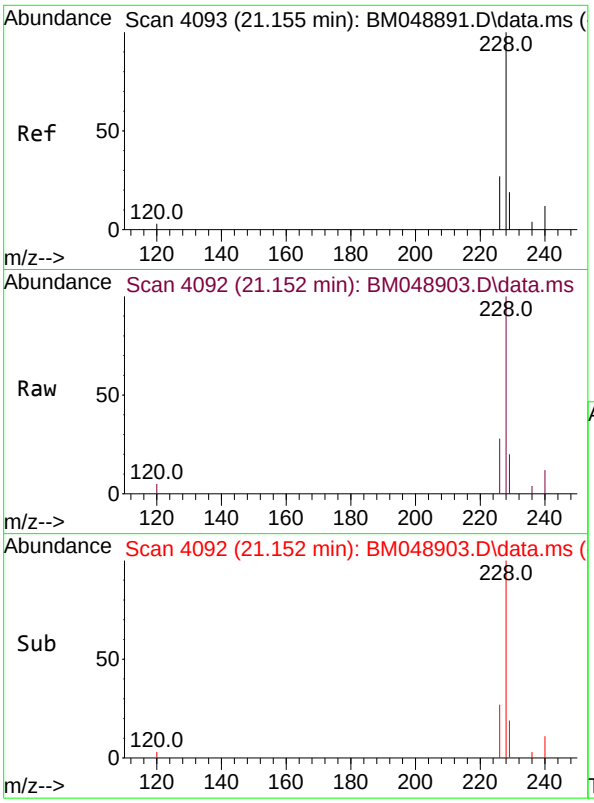


#20
Pyrene
Concen: 0.358 ng/ul
RT: 19.396 min Scan# 3632
Delta R.T. -0.005 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion:202 Resp: 20877

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.6	17.4
100	11.8	9.4	14.0



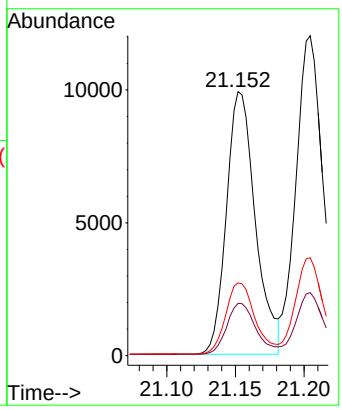


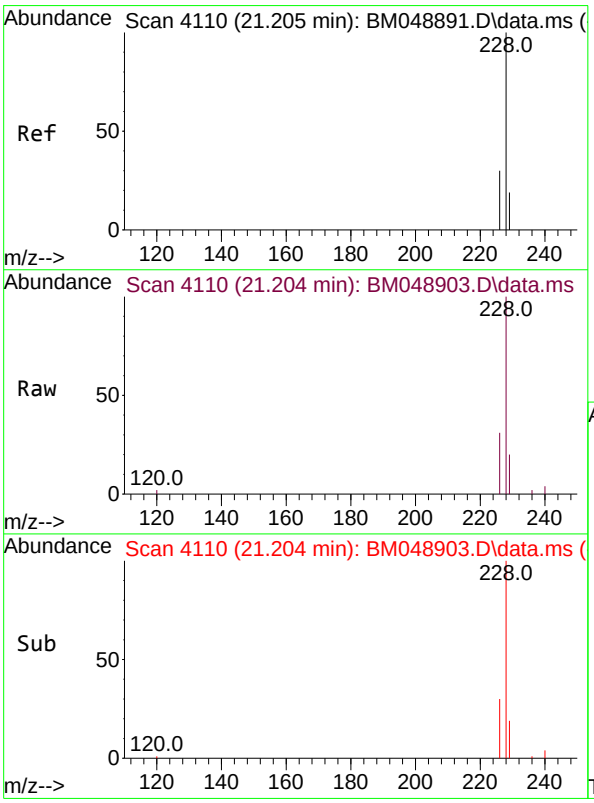
#21
Benzo(a)anthracene
Concen: 0.423 ng/ul
RT: 21.152 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Instrument :
BNA_M
ClientSampleId :
SLCS452

Tgt Ion:228 Resp: 14546

Ion	Ratio	Lower	Upper
228	100		
229	19.9	17.0	25.6
226	27.6	22.5	33.7

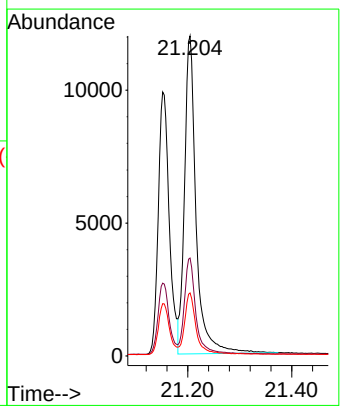


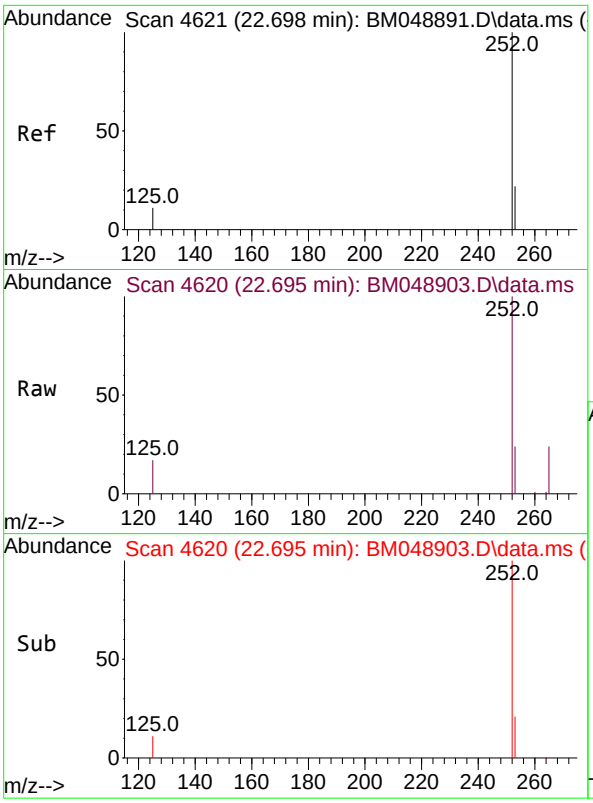


#22
Chrysene
Concen: 0.341 ng/ul
RT: 21.204 min Scan# 4110
Delta R.T. -0.006 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion:228 Resp: 18536

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	19.7	16.1	24.1



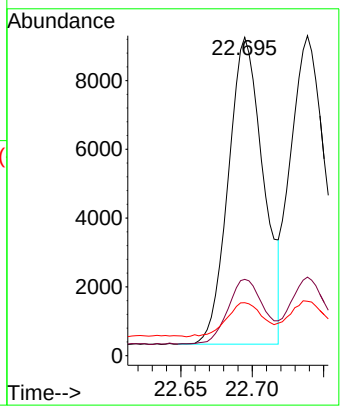


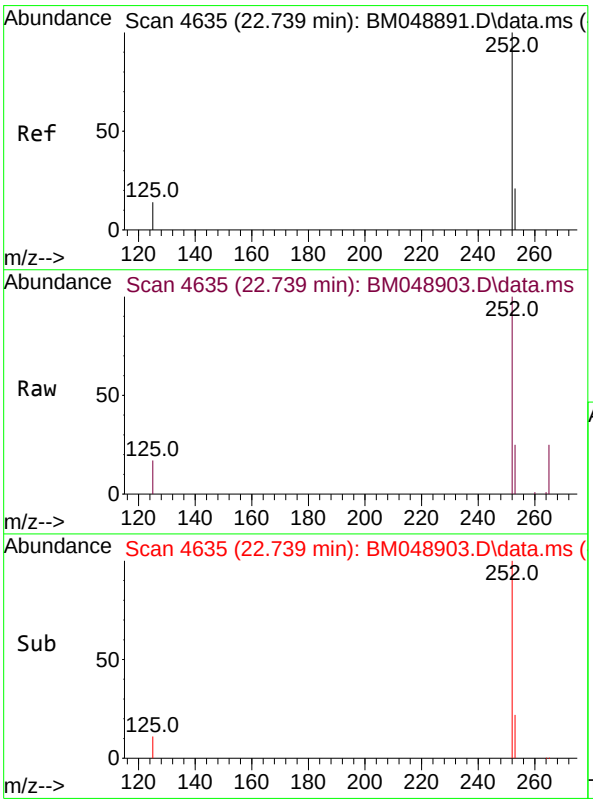
#24
Benzo(b)fluoranthene
Concen: 0.494 ng/ul
RT: 22.695 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Instrument :
BNA_M
ClientSampleId :
SLCS452

Tgt Ion:252 Resp: 15224

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	54.2
125	16.6	0.0	41.4

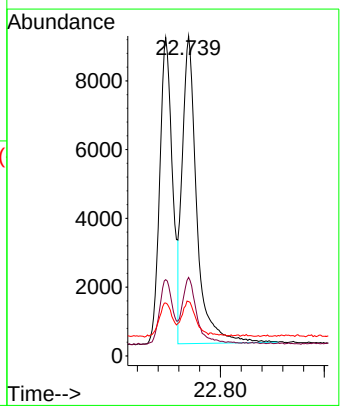


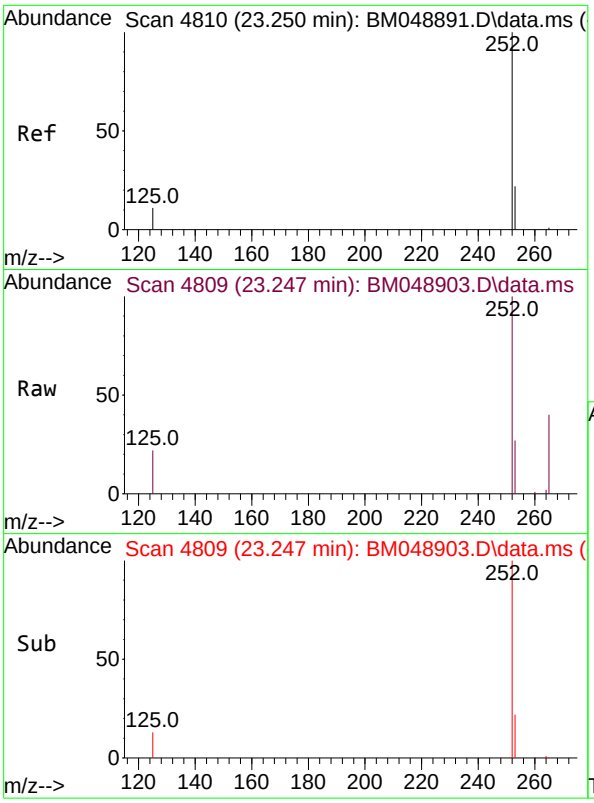


#25
Benzo(k)fluoranthene
Concen: 0.400 ng/ul
RT: 22.739 min Scan# 4635
Delta R.T. -0.006 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion:252 Resp: 17254

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.8	31.2
125	17.0	16.2	24.4



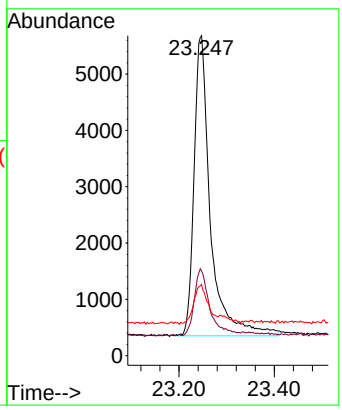


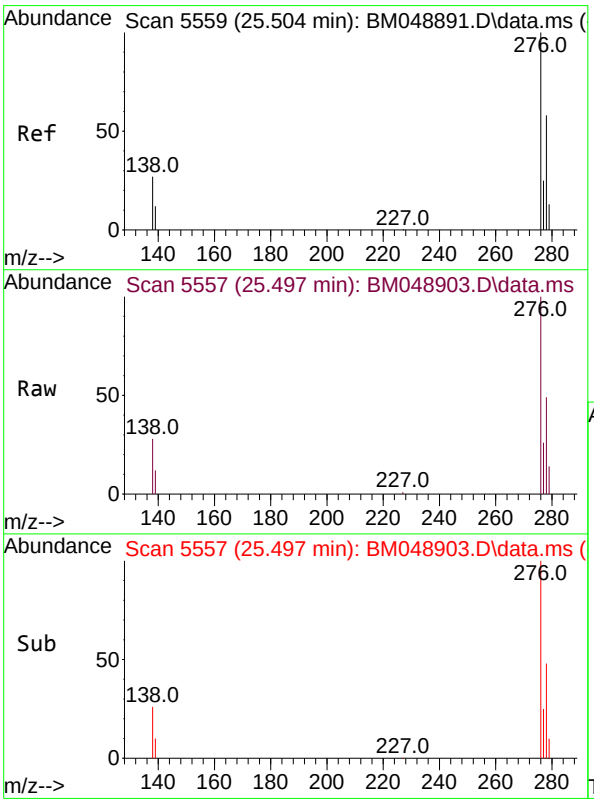
#26
Benzo(a)pyrene
Concen: 0.402 ng/ul
RT: 23.247 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Instrument :
BNA_M
ClientSampleId :
SLCS452

Tgt Ion:252 Resp: 12690

Ion	Ratio	Lower	Upper
252	100		
253	26.5	22.5	33.7
125	22.3	20.6	30.8

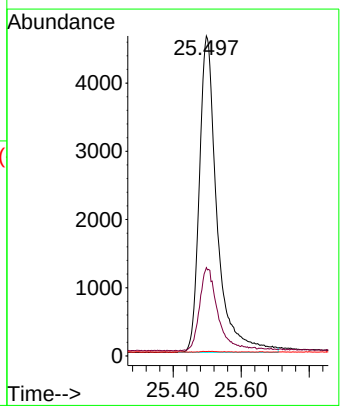


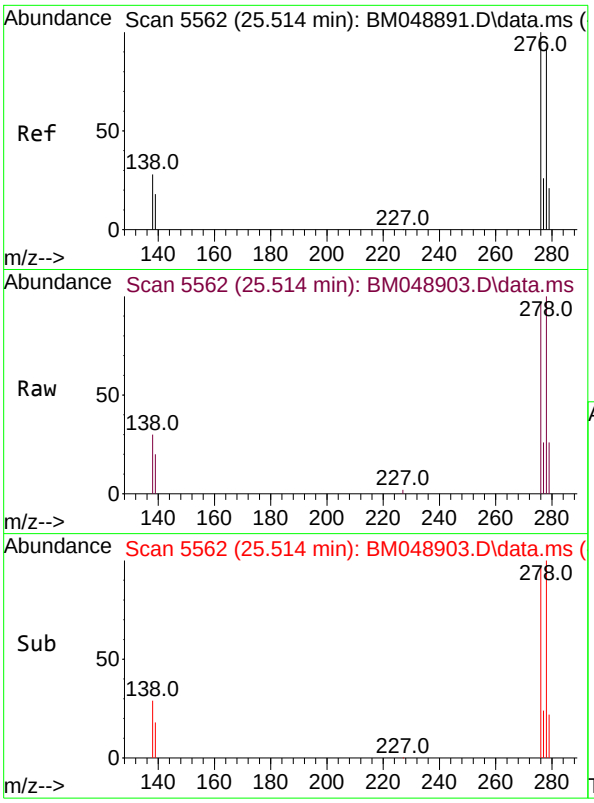


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/ul
RT: 25.497 min Scan# 5557
Delta R.T. -0.010 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion:276 Resp: 16763

Ion	Ratio	Lower	Upper
276	100		
138	27.2	23.3	34.9
227	0.1	0.1	0.1#



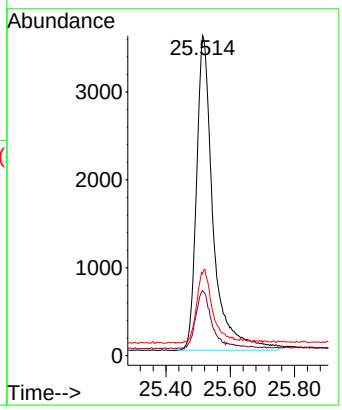


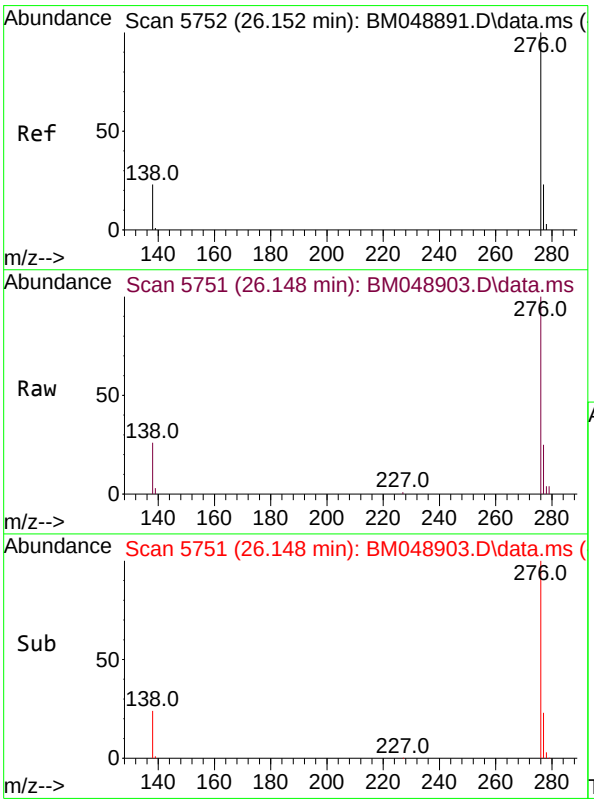
#28
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 25.514 min Scan# 5
Delta R.T. -0.014 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Instrument :
BNA_M
ClientSampleId :
SLCS452

Tgt Ion:278 Resp: 12826

Ion	Ratio	Lower	Upper
278	100		
139	20.3	18.6	27.8
279	25.6	24.7	37.1





#29
Benzo(g,h,i)perylene
Concen: 0.386 ng/ul
RT: 26.148 min Scan# 5751
Delta R.T. -0.014 min
Lab File: BM048903.D
Acq: 07 Dec 2024 18:46

Tgt Ion:276 Resp: 13975

Ion	Ratio	Lower	Upper
276	100		
138	26.0	22.2	33.2
277	24.9	21.8	32.6