Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101024\
Data File : BM048003.D
Acq On : 11 Oct 2024 08:05
Operator : RC/JU
Sample : PB163719BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS719

Quant Time: Oct 11 08:33:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 18:01:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	6965	0.400	ng/ul	0.00
4) Naphthalene-d8	10.583	136	21029	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.422	164	11943	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.165	188	20147	0.400	ng/ul	0.00
17) Chrysene-d12	21.336	240	16303	0.400	ng/ul	0.00
23) Perylene-d12	23.601	264	15844	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	7079	0.791	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.178	152	9470	0.337	ng/ul	0.00
18) Fluoranthene-d10	19.187	212	17543	0.351	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.307	88	19847	1.853	ng/ul#	82
5) Naphthalene	10.633	128	19354	0.338	ng/ul	99
7) 2-Methylnaphthalene	12.255	142	10918	0.318	ng/ul	100
8) 1-Methylnaphthalene	12.469	142	14569	0.404	ng/ul	99
10) Acenaphthylene	14.144	152	16716	0.288	ng/ul	100
11) Acenaphthene	14.487	153	13390	0.336	ng/ul	100
12) Fluorene	15.477	166	12874	0.286	ng/ul	99
14) Pentachlorophenol	16.823	266	3812	0.629	ng/ul	99
15) Phenanthrene	17.207	178	18888	0.316	ng/ul	100
16) Anthracene	17.305	178	13135	0.247	ng/ul	99
19) Fluoranthene	19.215	202	22547	0.329	ng/ul	98
20) Pyrene	19.582	202	24419	0.334	ng/ul	97
21) Benzo(a)anthracene	21.318	228	17068	0.248	ng/ul	100
22) Chrysene	21.371	228	22930	0.320	ng/ul	99
24) Benzo(b)fluoranthene	22.914	252	19700	0.286	ng/ul	98
25) Benzo(k)fluoranthene	22.961	252	23945	0.345	ng/ul	97
26) Benzo(a)pyrene	23.505	252	18072	0.333	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.913	276	24405	0.282	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.930	278	17777	0.272	ng/ul	94
29) Benzo(g,h,i)perylene	26.608	276	21829	0.314	ng/ul	97

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

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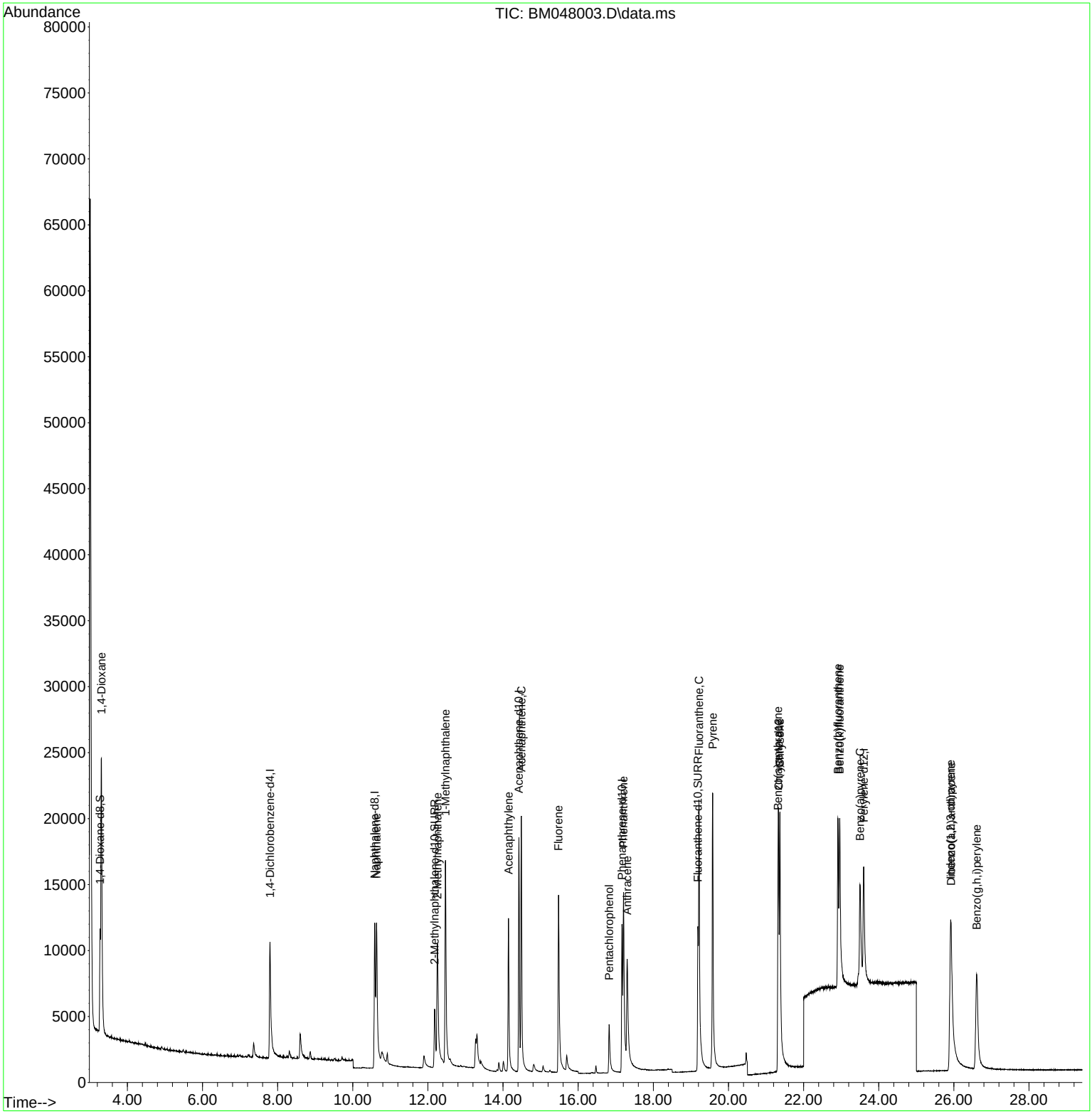
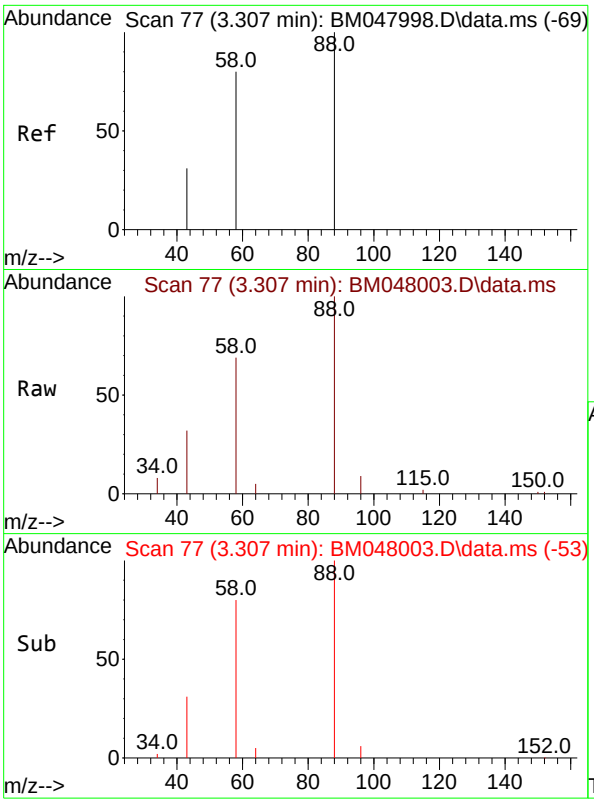


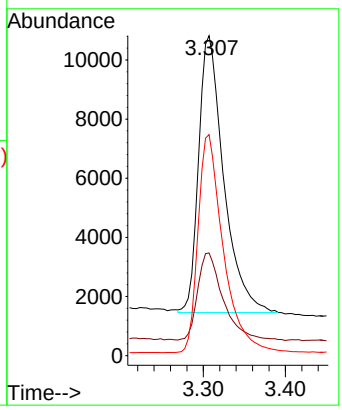


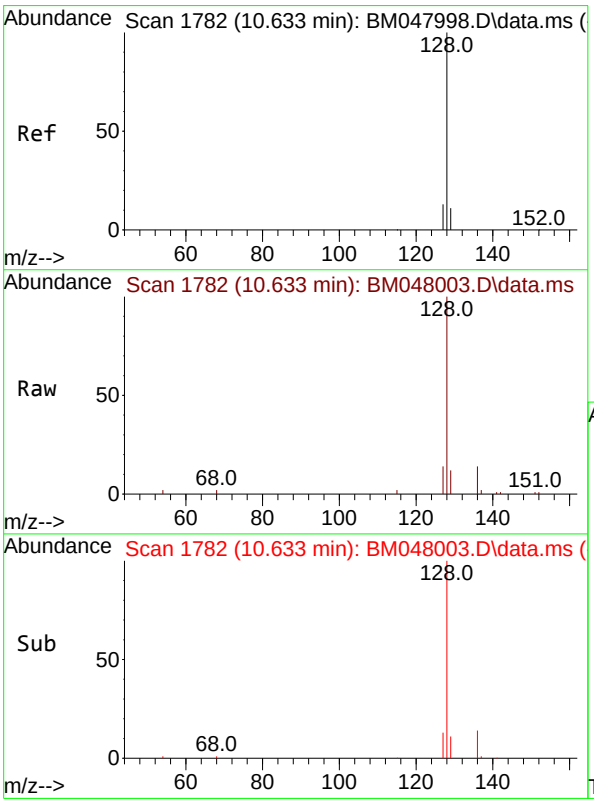
#2
1,4-Dioxane
Concen: 1.853 ng/ul
RT: 3.307 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Instrument :
BNA_M
ClientSampleId :
SLCS719

Tgt Ion: 88 Resp: 19847

Ion	Ratio	Lower	Upper
88	100		
43	32.1	30.9	46.3
58	69.1	42.5	63.7#

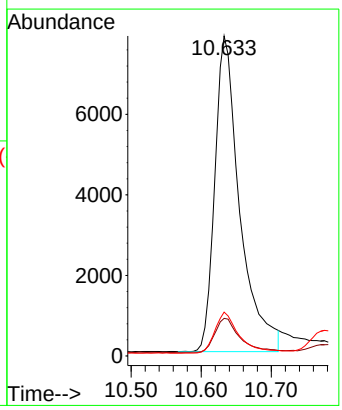


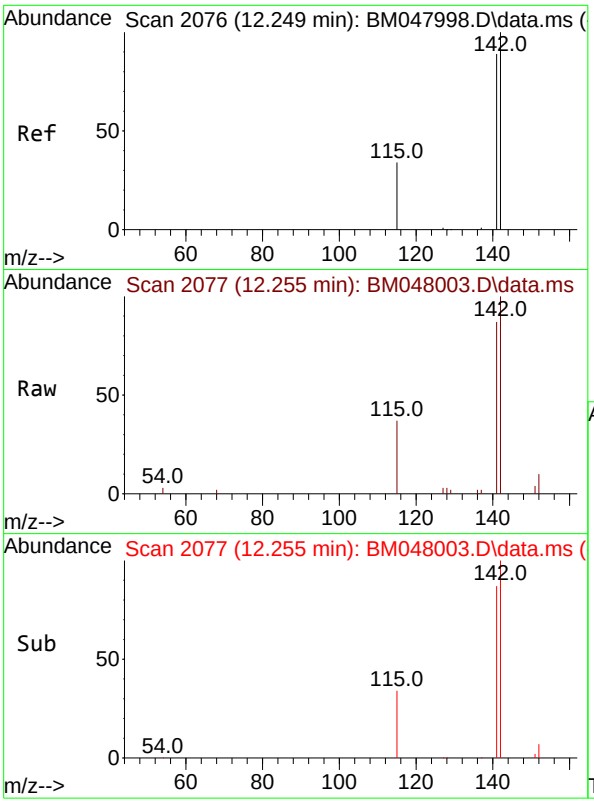


#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.633 min Scan# 1782
Delta R.T. 0.004 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Tgt Ion:128 Resp: 19354

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.2	13.8
127	13.7	10.4	15.6



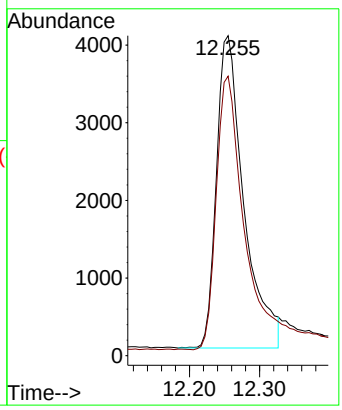


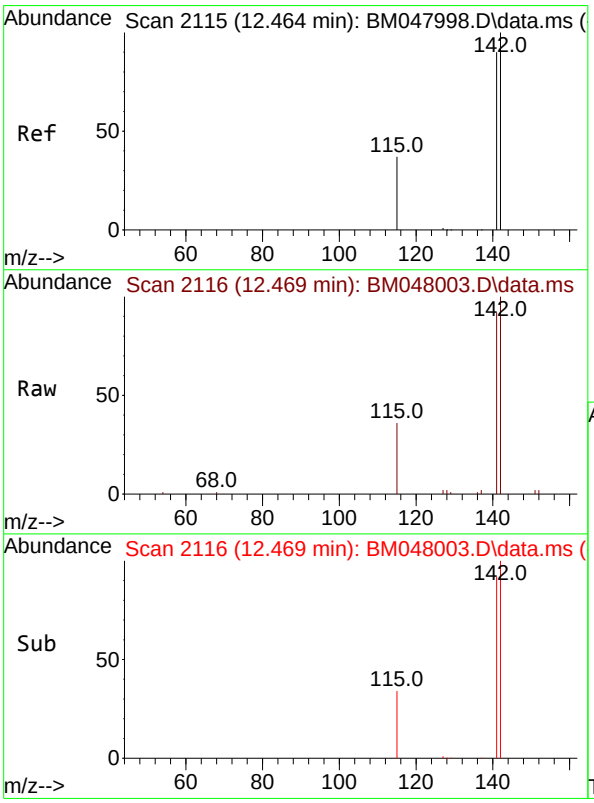
#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.255 min Scan# 2
Delta R.T. 0.010 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Instrument :
BNA_M
ClientSampleId :
SLCS719

Tgt Ion:142 Resp: 10918

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.5	105.7

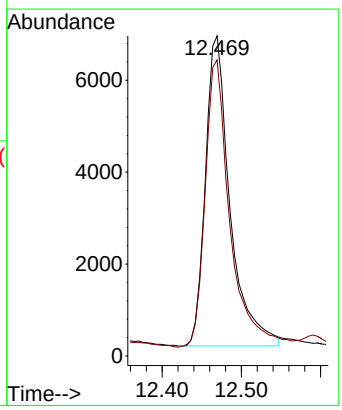


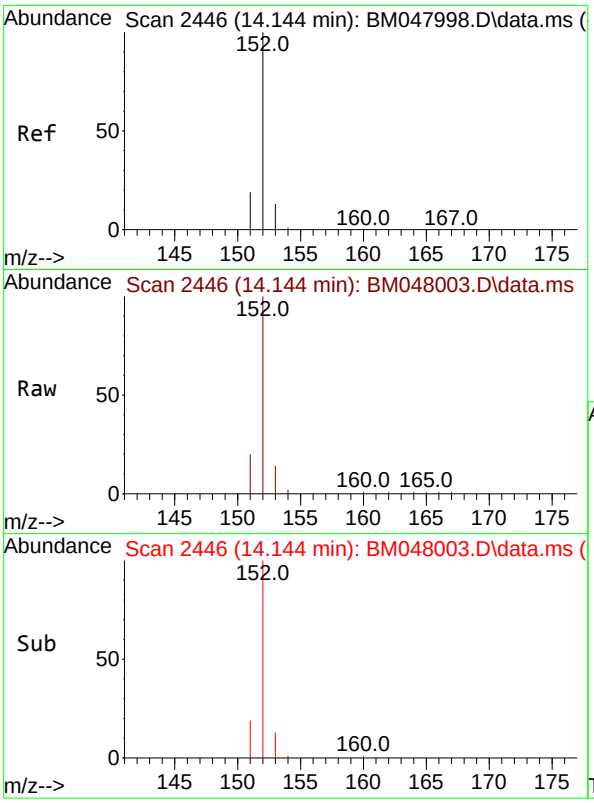


#8
1-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.469 min Scan# 2116
Delta R.T. 0.004 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Tgt Ion:142 Resp: 14569

Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.9	109.3



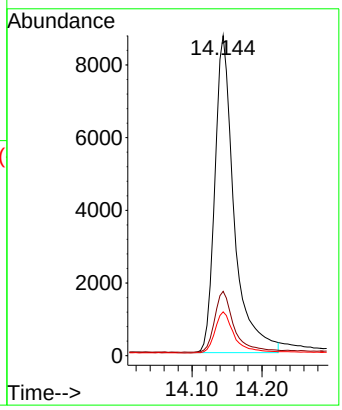


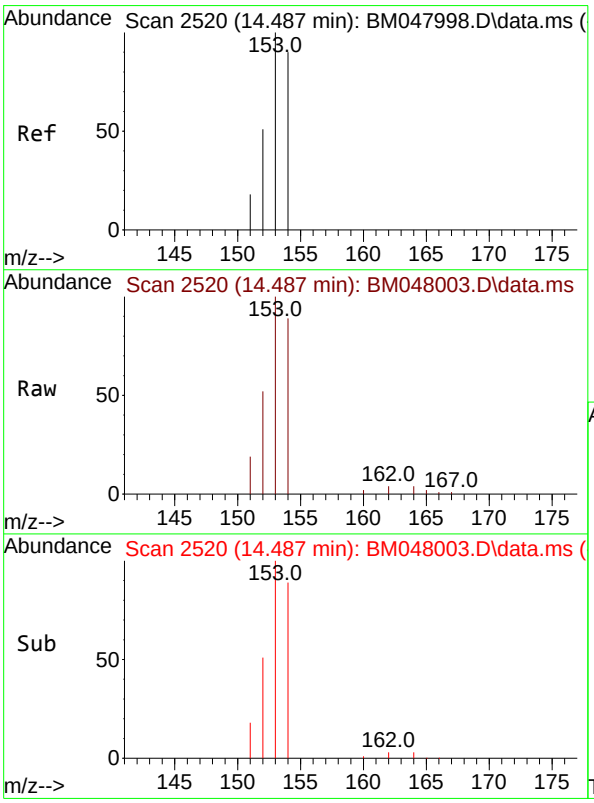
#10
Acenaphthylene
Concen: 0.288 ng/ul
RT: 14.144 min Scan# 24
Delta R.T. 0.003 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Instrument :
BNA_M
ClientSampleId :
SLCS719

Tgt Ion:152 Resp: 16716

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.7	10.7	16.1

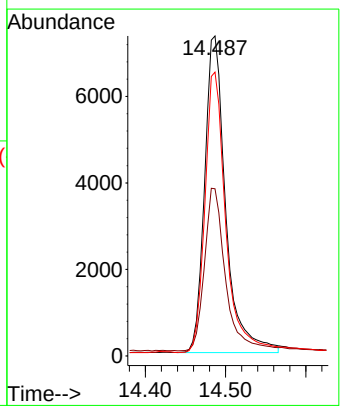


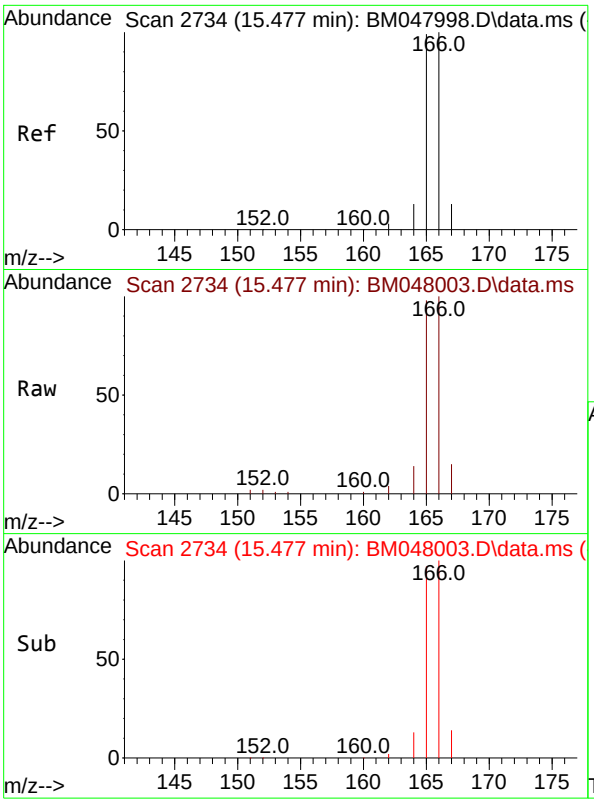


#11
Acenaphthene
Concen: 0.336 ng/ul
RT: 14.487 min Scan# 2520
Delta R.T. 0.003 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Tgt Ion:153 Resp: 13390

Ion	Ratio	Lower	Upper
153	100		
152	52.3	41.7	62.5
154	88.7	71.2	106.8



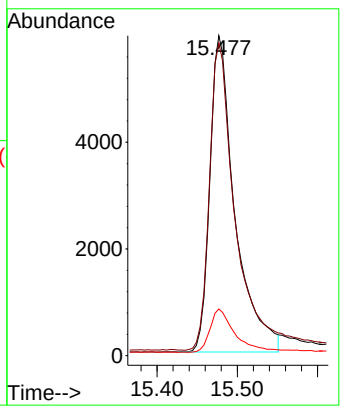


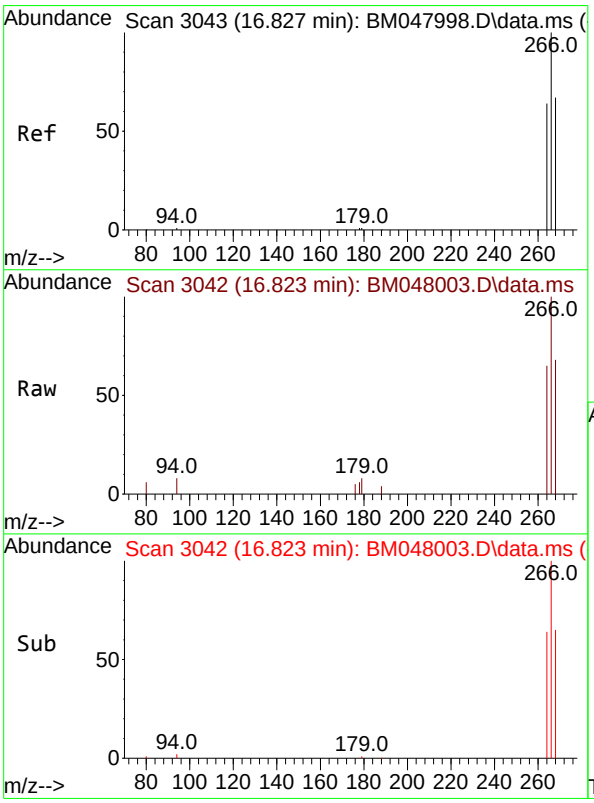
#12
Fluorene
Concen: 0.286 ng/ul
RT: 15.477 min Scan# 2
Delta R.T. 0.008 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Instrument :
BNA_M
ClientSampleId :
SLCS719

Tgt Ion:166 Resp: 12874

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.4	119.2
167	14.6	11.4	17.0

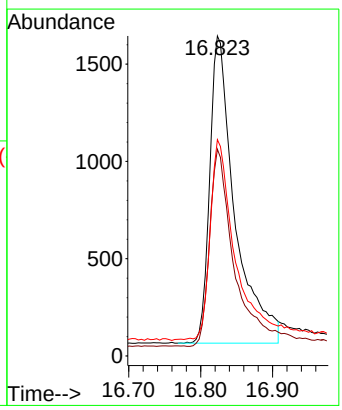


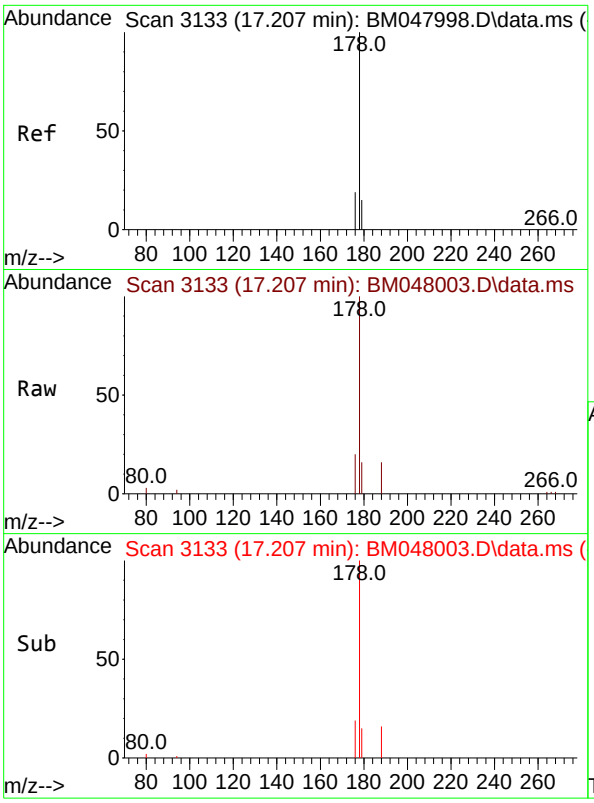


#14
Pentachlorophenol
Concen: 0.629 ng/ul
RT: 16.823 min Scan# 3042
Delta R.T. 0.003 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Tgt Ion:266 Resp: 3812

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.8	74.8
268	65.3	51.2	76.8



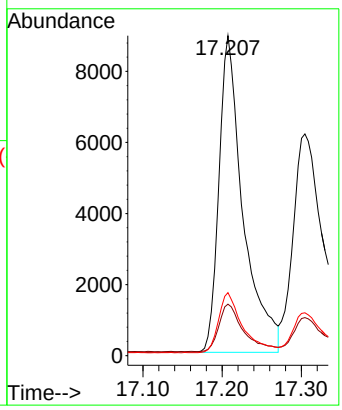


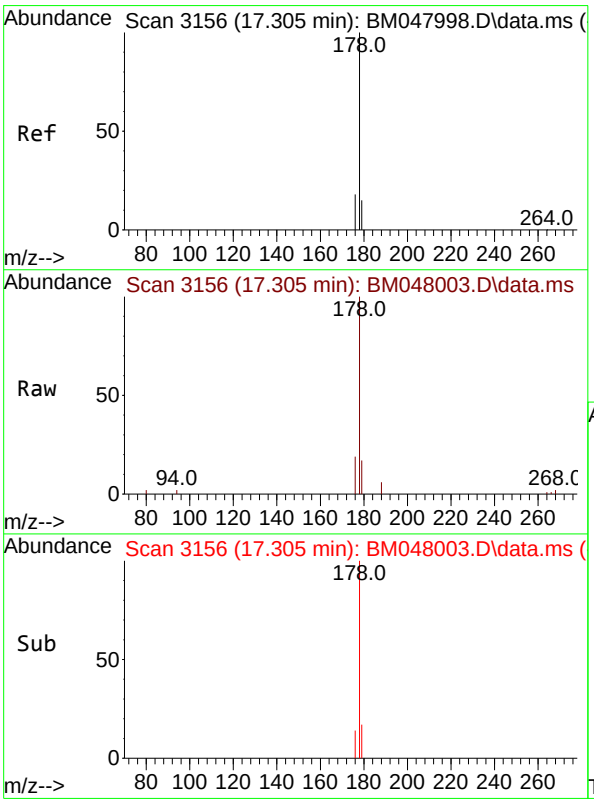
#15
Phenanthrene
Concen: 0.316 ng/ul
RT: 17.207 min Scan# 3
Delta R.T. 0.007 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Instrument :
BNA_M
ClientSampleId :
SLCS719

Tgt Ion:178 Resp: 18888

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.6
176	19.7	15.9	23.9

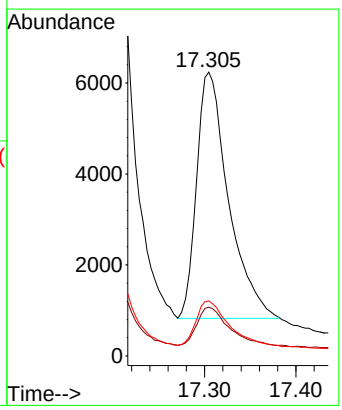


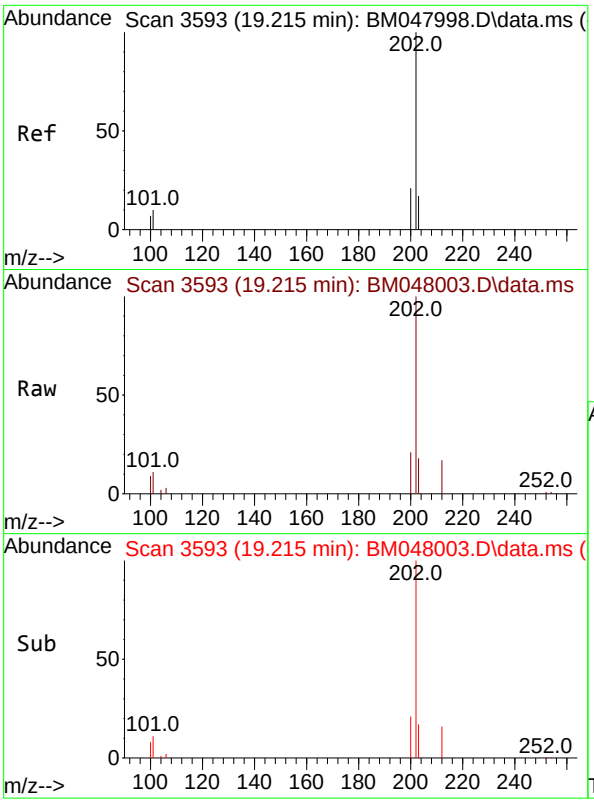


#16
Anthracene
Concen: 0.247 ng/ul
RT: 17.305 min Scan# 3156
Delta R.T. 0.011 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Tgt Ion:178 Resp: 13135

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.0	19.4
176	19.4	15.4	23.2



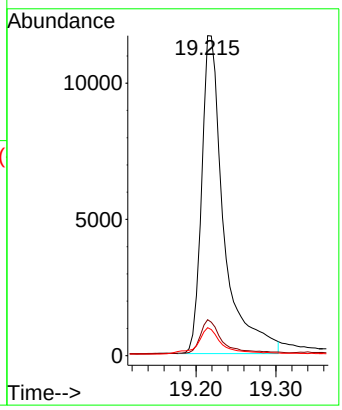


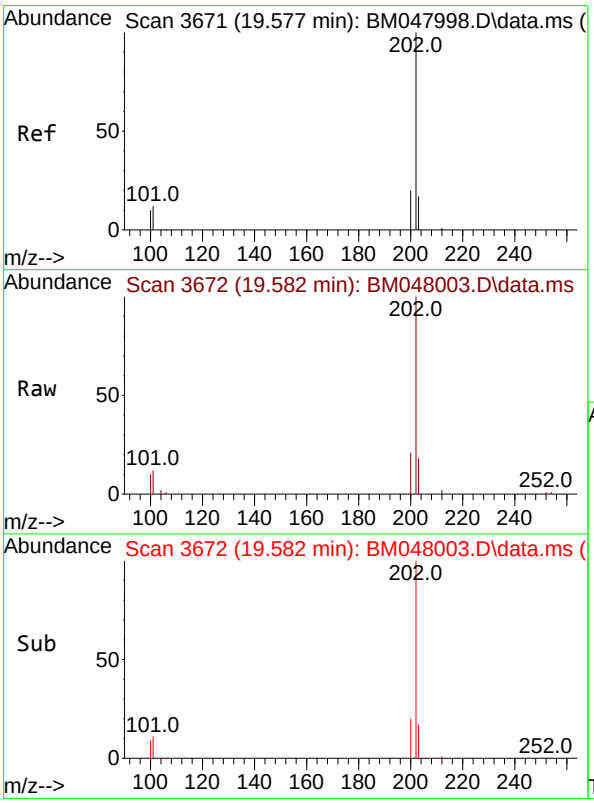
#19
Fluoranthene
Concen: 0.329 ng/ul
RT: 19.215 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Instrument :
BNA_M
ClientSampleId :
SLCS719

Tgt Ion:202 Resp: 22547

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.8	14.6
100	8.7	7.4	11.2

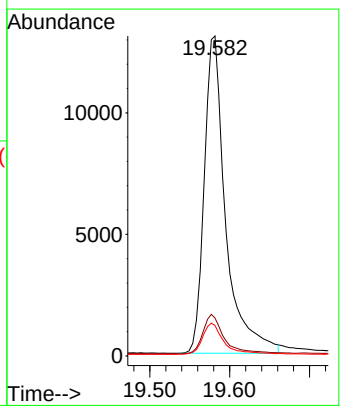


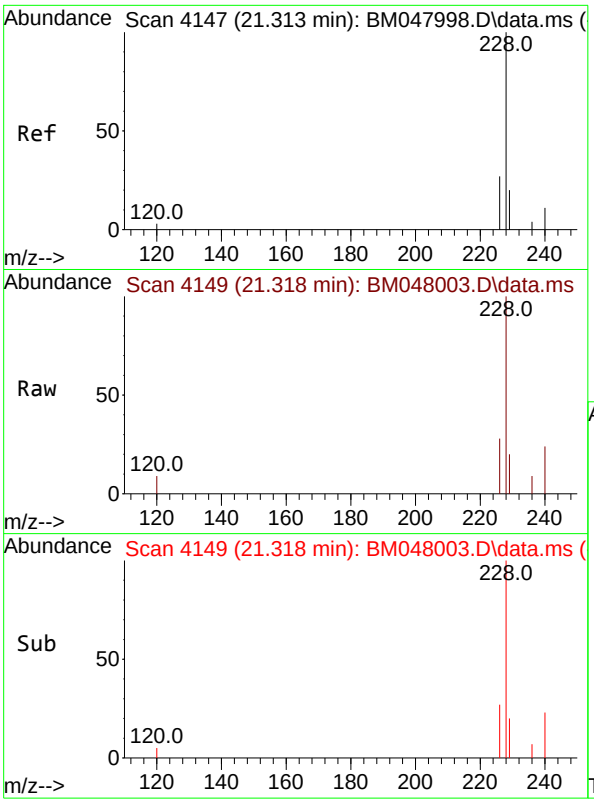


#20
Pyrene
Concen: 0.334 ng/ul
RT: 19.582 min Scan# 3672
Delta R.T. 0.008 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Tgt Ion:202 Resp: 24419

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.7	16.1
100	9.6	8.2	12.2



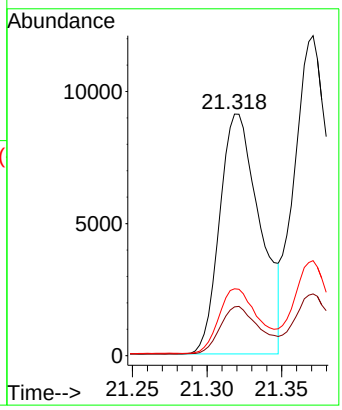


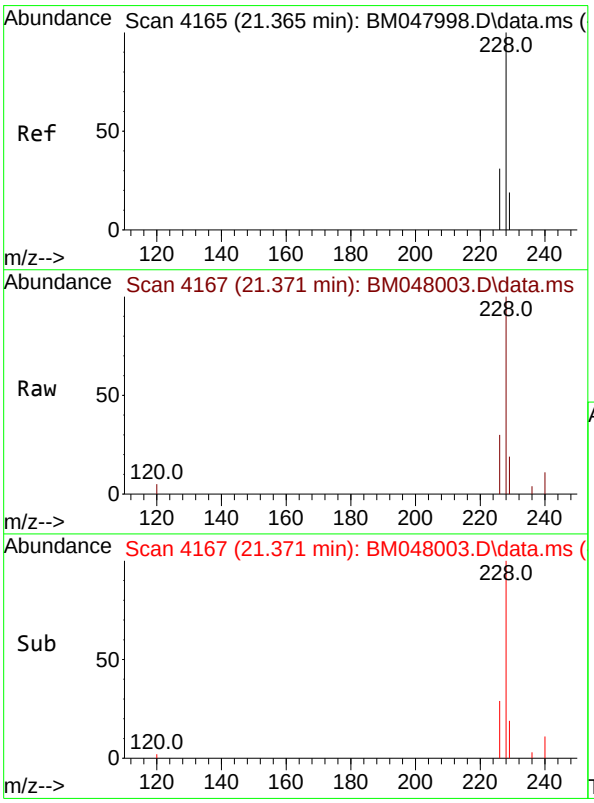
#21
Benzo(a)anthracene
Concen: 0.248 ng/ul
RT: 21.318 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Instrument :
BNA_M
ClientSampleId :
SLCS719

Tgt Ion:228 Resp: 17068

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	27.7	22.1	33.1

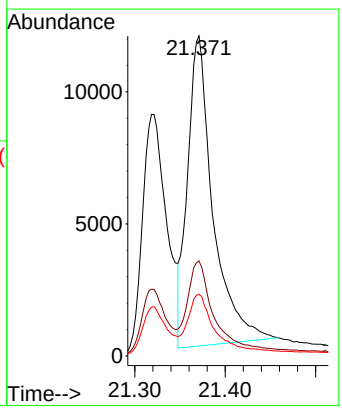


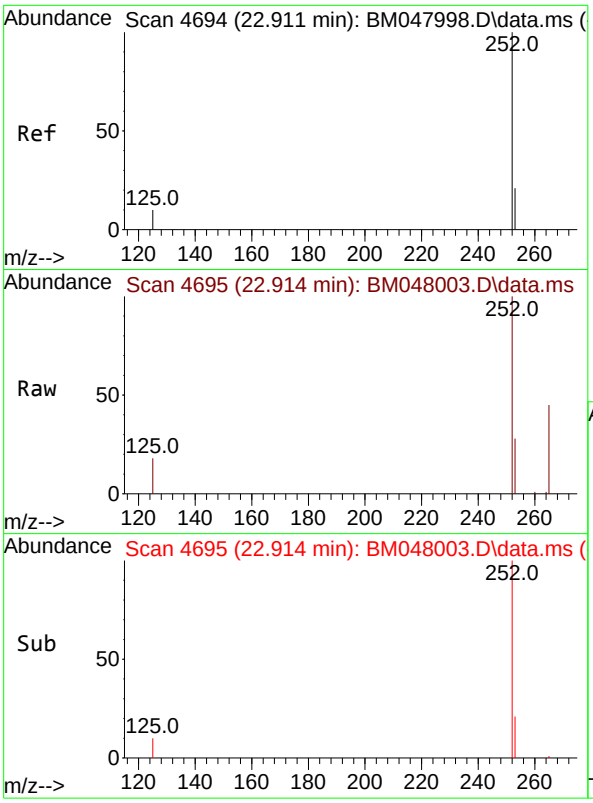


#22
Chrysene
Concen: 0.320 ng/ul
RT: 21.371 min Scan# 4167
Delta R.T. 0.006 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Tgt Ion:228 Resp: 22930

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	19.3	15.7	23.5



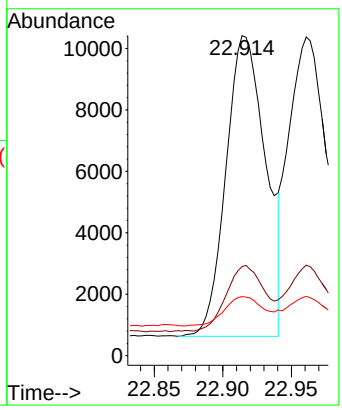


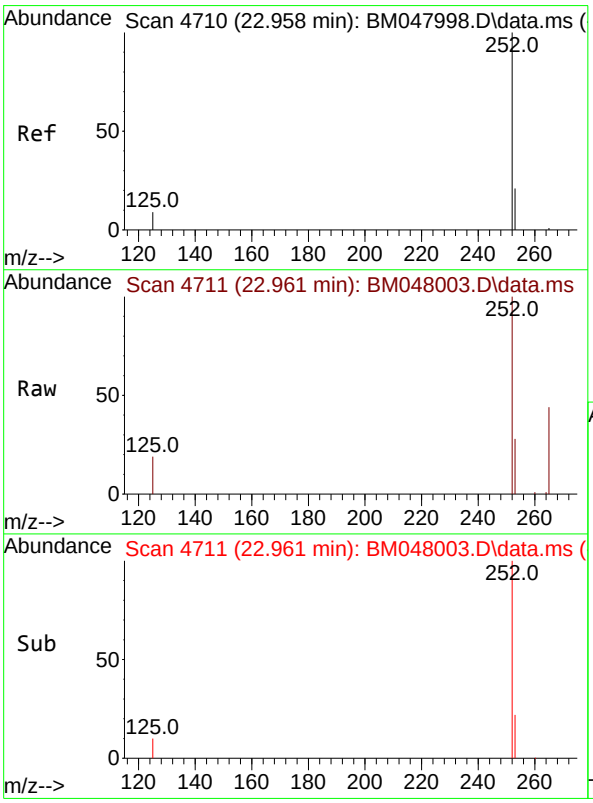
#24
Benzo(b)fluoranthene
Concen: 0.286 ng/ul
RT: 22.914 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Instrument :
BNA_M
ClientSampleId :
SLCS719

Tgt Ion:252 Resp: 19700

Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	52.4
125	18.4	0.0	36.4

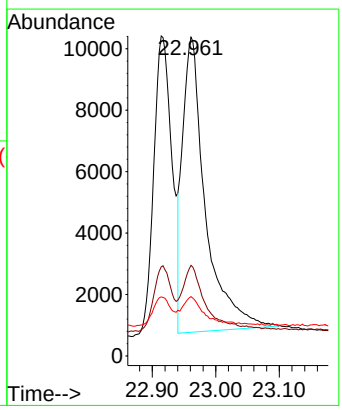


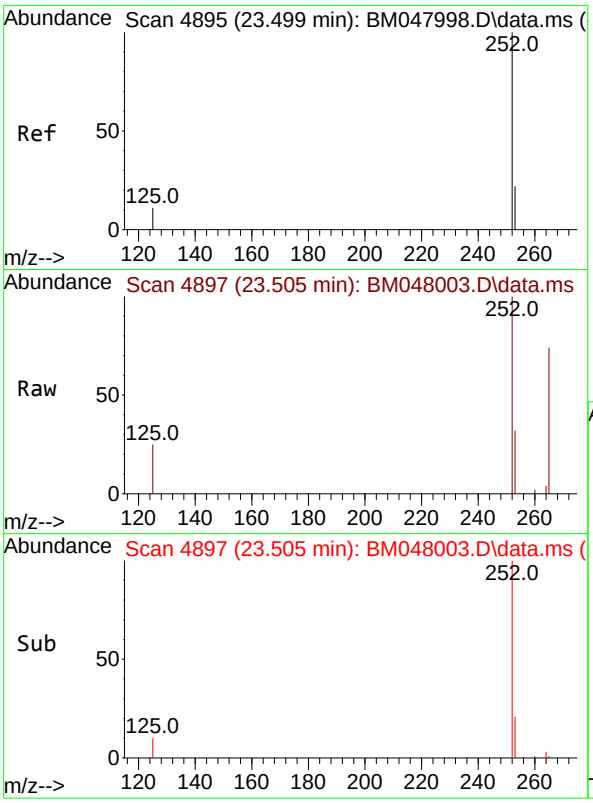


#25
Benzo(k)fluoranthene
Concen: 0.345 ng/ul
RT: 22.961 min Scan# 4711
Delta R.T. 0.003 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Tgt Ion:252 Resp: 23945

Ion	Ratio	Lower	Upper
252	100		
253	28.4	21.0	31.6
125	18.6	14.6	21.8



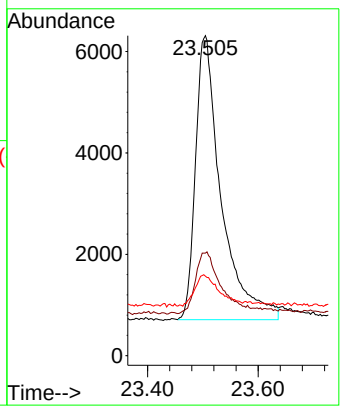


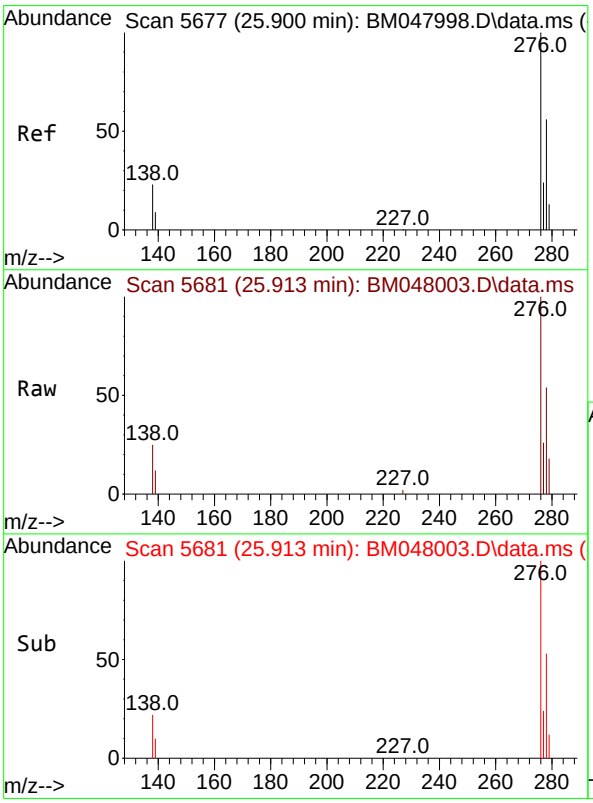
#26
Benzo(a)pyrene
Concen: 0.333 ng/ul
RT: 23.505 min Scan# 4
Delta R.T. 0.009 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Instrument :
BNA_M
ClientSampleId :
SLCS719

Tgt Ion:252 Resp: 18072

Ion	Ratio	Lower	Upper
252	100		
253	32.0	23.0	34.4
125	24.9	18.8	28.2

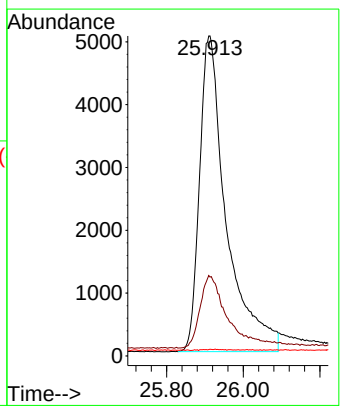


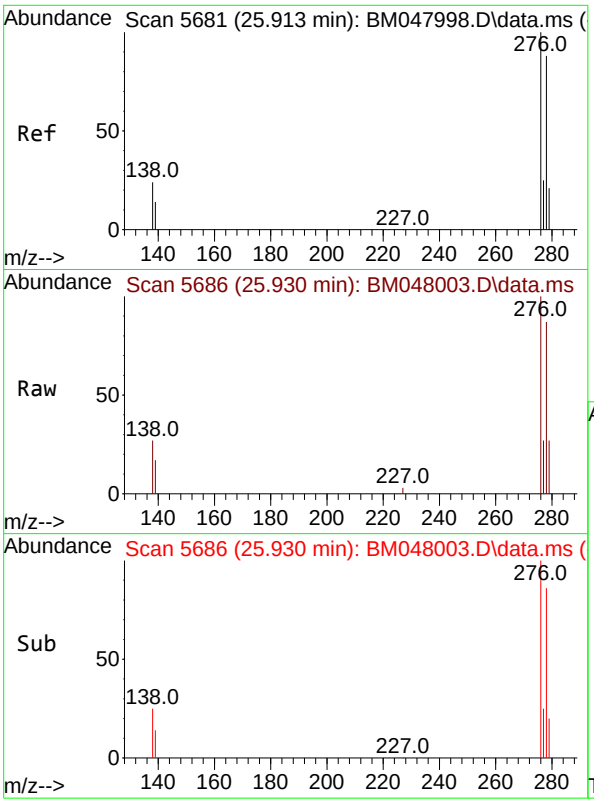


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.282 ng/ul
RT: 25.913 min Scan# 5681
Delta R.T. 0.014 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Tgt Ion:276 Resp: 24405

Ion	Ratio	Lower	Upper
276	100		
138	23.8	22.0	33.0
227	0.0	0.2	0.4#



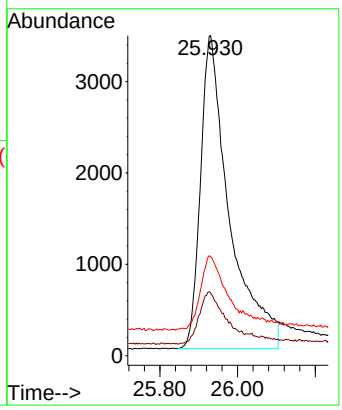


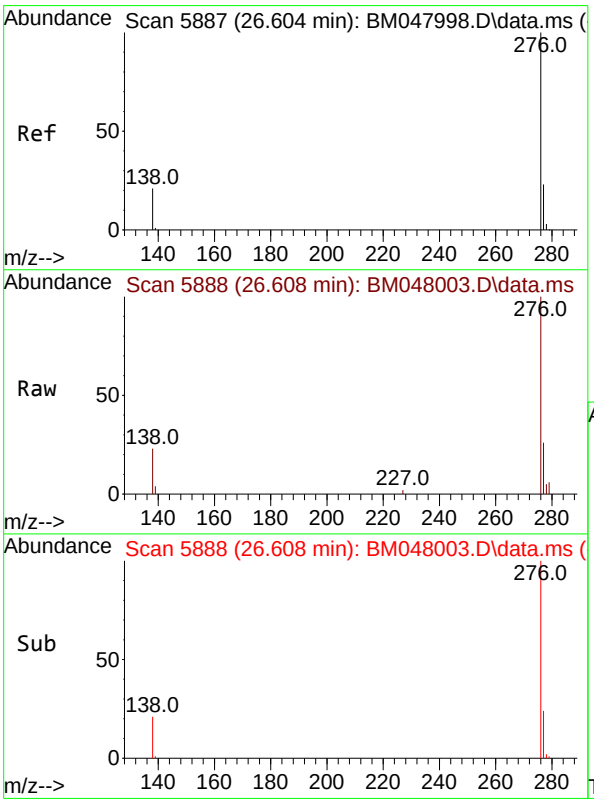
#28
Dibenzo(a,h)anthracene
Concen: 0.272 ng/ul
RT: 25.930 min Scan# 5
Delta R.T. 0.020 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Instrument :
BNA_M
ClientSampleId :
SLCS719

Tgt Ion:278 Resp: 17777

Ion	Ratio	Lower	Upper
278	100		
139	19.6	16.8	25.2
279	30.9	21.2	31.8





#29
Benzo(g,h,i)perylene
Concen: 0.314 ng/ul
RT: 26.608 min Scan# 5888
Delta R.T. 0.007 min
Lab File: BM048003.D
Acq: 11 Oct 2024 08:05

Tgt Ion:276 Resp: 21829

Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.2	30.2
277	25.8	19.8	29.6