Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049651.D
Acq On : 13 Feb 2025 16:22
Operator : RC/JU
Sample : PB166552BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS552

Quant Time: Feb 17 17:52:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	7769	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	24042	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	14052	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	28722	0.400	ng/ul	0.00
17) Chrysene-d12	21.368	240	20211	0.400	ng/ul	0.00
23) Perylene-d12	23.654	264	21405	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	6362	0.728	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	14359	0.435	ng/ul	0.00
18) Fluoranthene-d10	19.215	212	28054	0.456	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	17499	1.852	ng/ul#	85
5) Naphthalene	10.655	128	23307	0.391	ng/ul	100
7) 2-Methylnaphthalene	12.271	142	15459	0.398	ng/ul	99
8) 1-Methylnaphthalene	12.491	142	15896	0.404	ng/ul	99
10) Acenaphthylene	14.168	152	23296	0.390	ng/ul	99
11) Acenaphthene	14.510	153	17356	0.399	ng/ul	99
12) Fluorene	15.495	166	19083	0.384	ng/ul	99
14) Pentachlorophenol	16.844	266	5173	0.879	ng/ul	97
15) Phenanthrene	17.233	178	30440	0.396	ng/ul	99
16) Anthracene	17.321	178	28466	0.405	ng/ul	100
19) Fluoranthene	19.247	202	34622	0.415	ng/ul	100
20) Pyrene	19.605	202	35921	0.417	ng/ul	98
21) Benzo(a)anthracene	21.353	228	29092	0.421	ng/ul	99
22) Chrysene	21.403	228	29898	0.407	ng/ul	100
24) Benzo(b)fluoranthene	22.964	252	29938	0.420	ng/ul	97
25) Benzo(k)fluoranthene	23.011	252	31262	0.389	ng/ul	98
26) Benzo(a)pyrene	23.554	252	26992	0.419	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.977	276	37439	0.411	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.994	278	28726	0.414	ng/ul	98
29) Benzo(g,h,i)perylene	26.688	276	30078	0.411	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049651.D
Acq On : 13 Feb 2025 16:22
Operator : RC/JU
Sample : PB166552BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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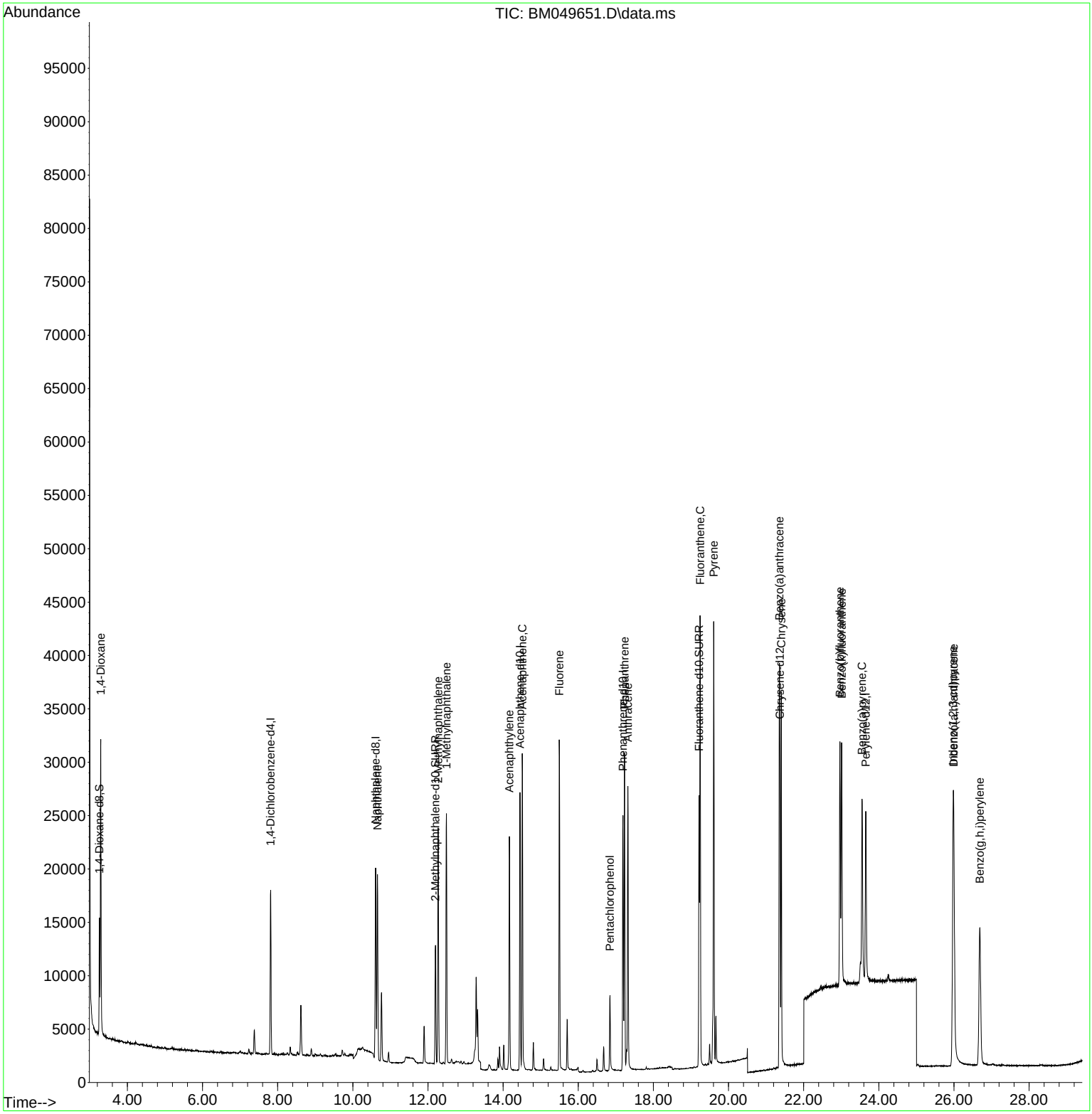
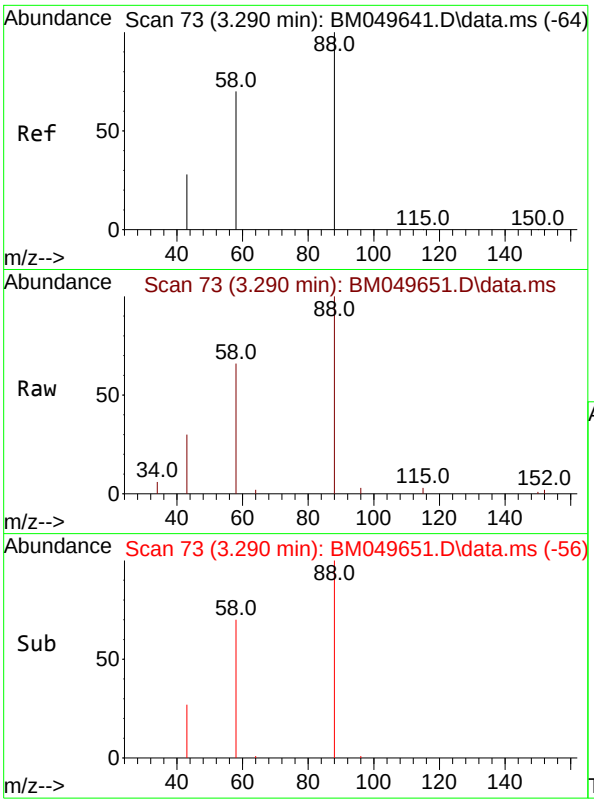
Quant Time: Feb 17 17:52:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration



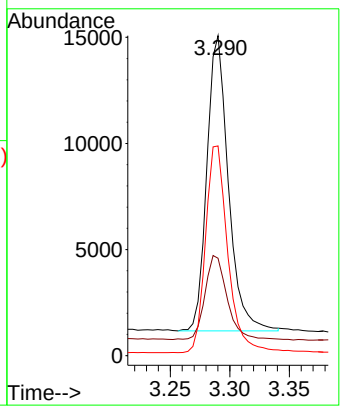


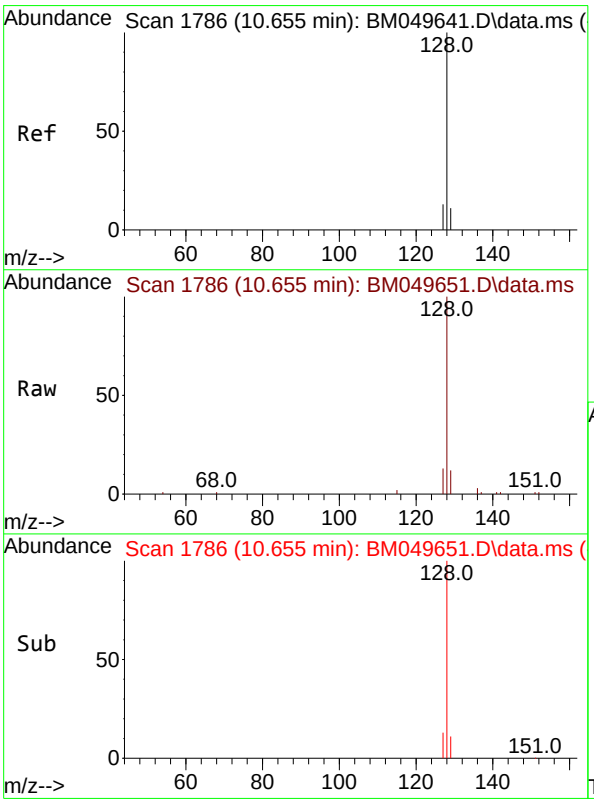
#2
1,4-Dioxane
Concen: 1.852 ng/ul
RT: 3.290 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS552

Tgt Ion: 88 Resp: 17499

Ion	Ratio	Lower	Upper
88	100		
43	30.5	31.9	47.9#
58	65.5	43.7	65.5#

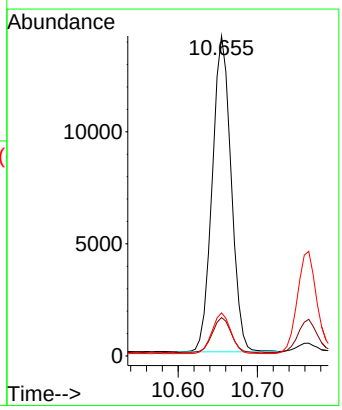


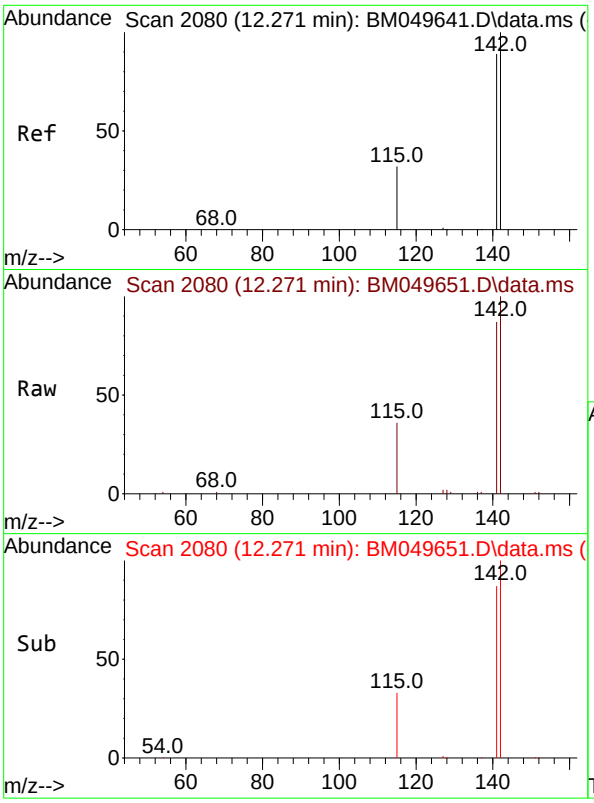


#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.655 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Tgt Ion:128 Resp: 23307

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	13.4	10.8	16.2



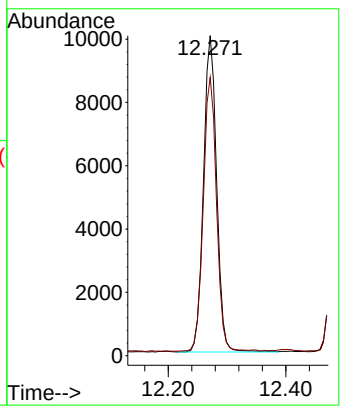


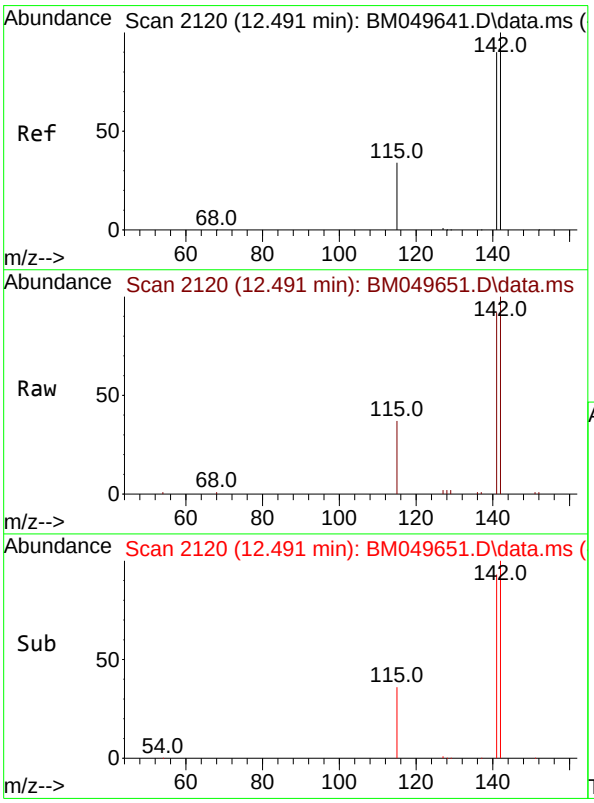
#7
2-Methylnaphthalene
Concen: 0.398 ng/ul
RT: 12.271 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS552

Tgt Ion:142 Resp: 15459

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.0	106.6

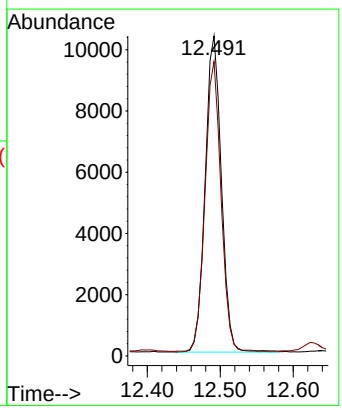


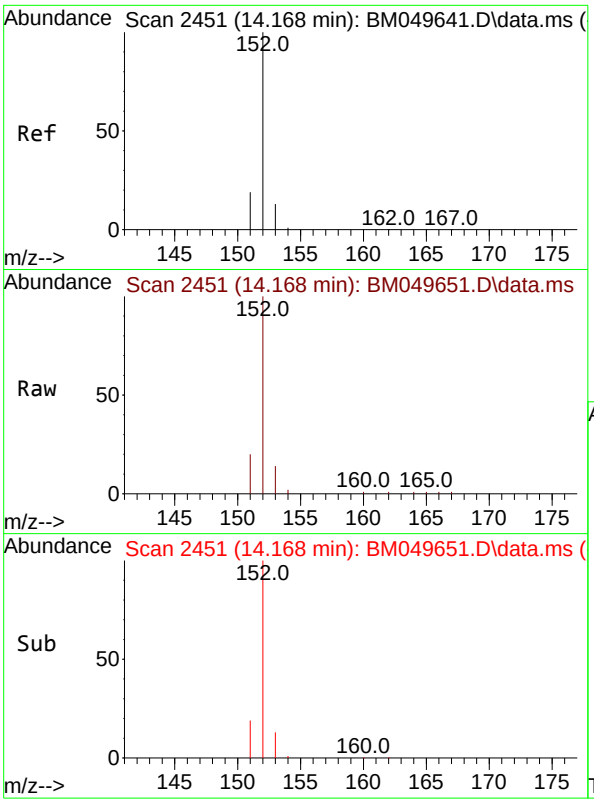


#8
1-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.491 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Tgt Ion:142 Resp: 15896

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.1	109.7



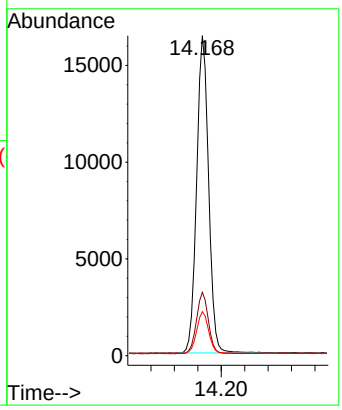


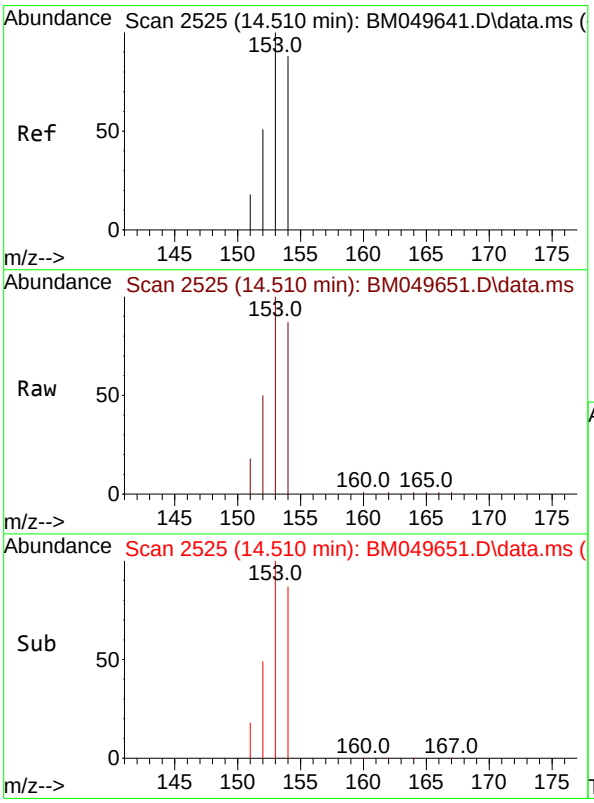
#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.168 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS552

Tgt Ion:152 Resp: 23296

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.7	10.5	15.7

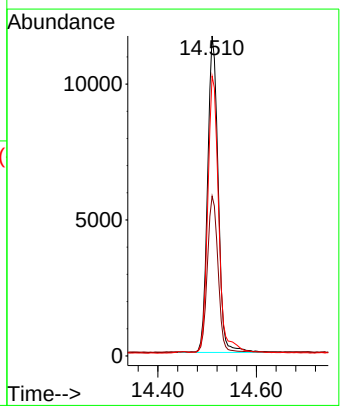


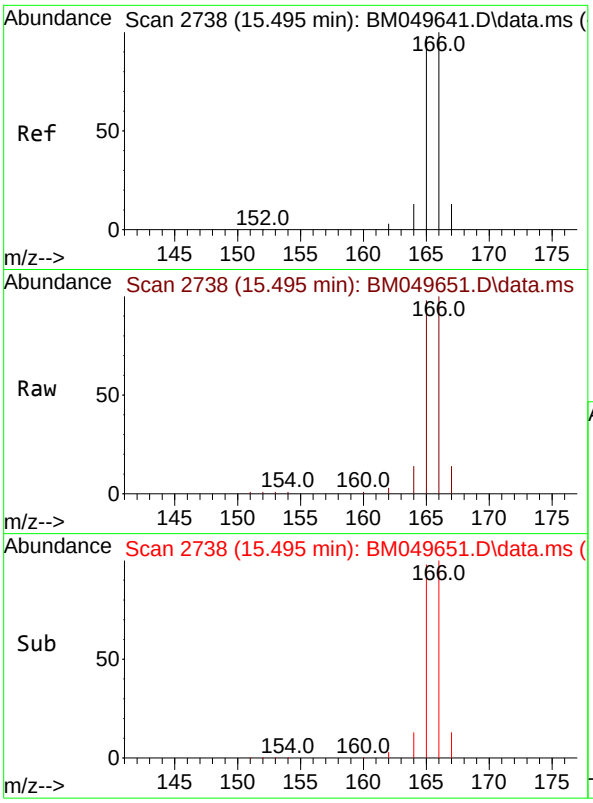


#11
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.510 min Scan# 2525
Delta R.T. -0.005 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Tgt Ion:153 Resp: 17356

Ion	Ratio	Lower	Upper
153	100		
152	49.9	41.9	62.9
154	87.5	70.2	105.2



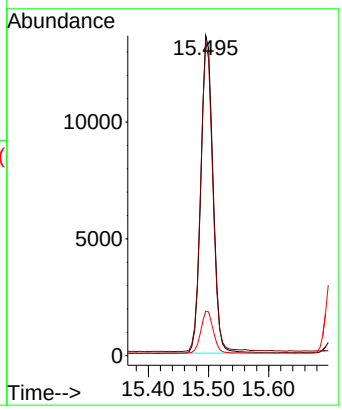


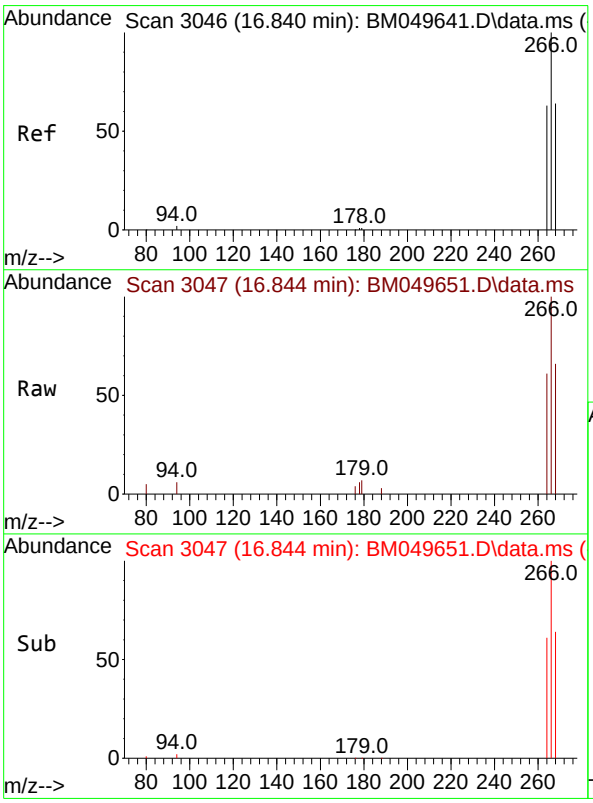
#12
Fluorene
Concen: 0.384 ng/ul
RT: 15.495 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS552

Tgt Ion:166 Resp: 19083

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.6	119.4
167	13.9	11.4	17.2

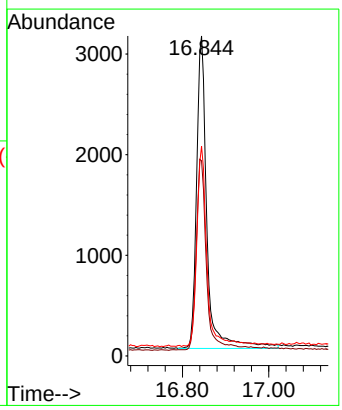


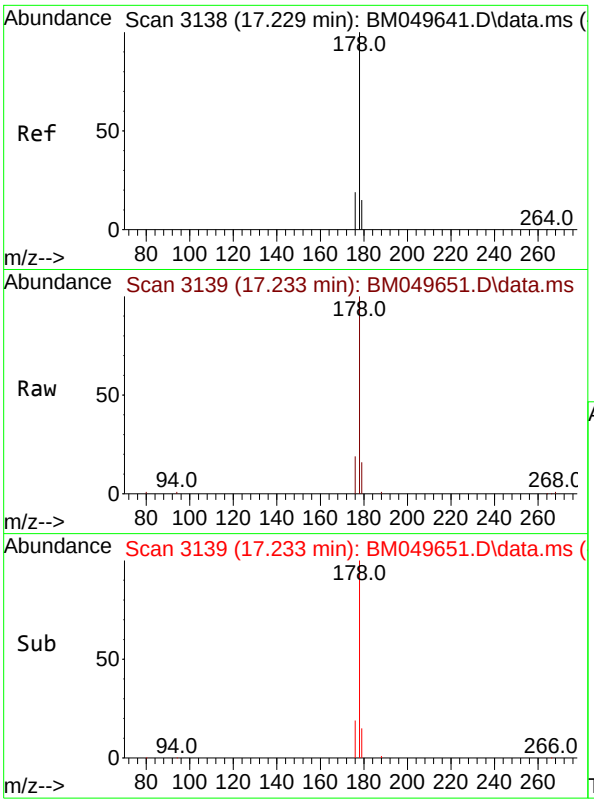


#14
Pentachlorophenol
Concen: 0.879 ng/ul
RT: 16.844 min Scan# 3047
Delta R.T. 0.004 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Tgt Ion:266 Resp: 5173

Ion	Ratio	Lower	Upper
266	100		
264	61.1	50.3	75.5
268	63.9	49.2	73.8



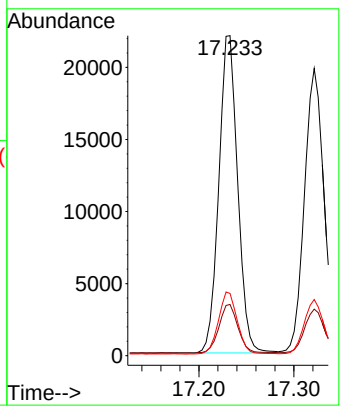


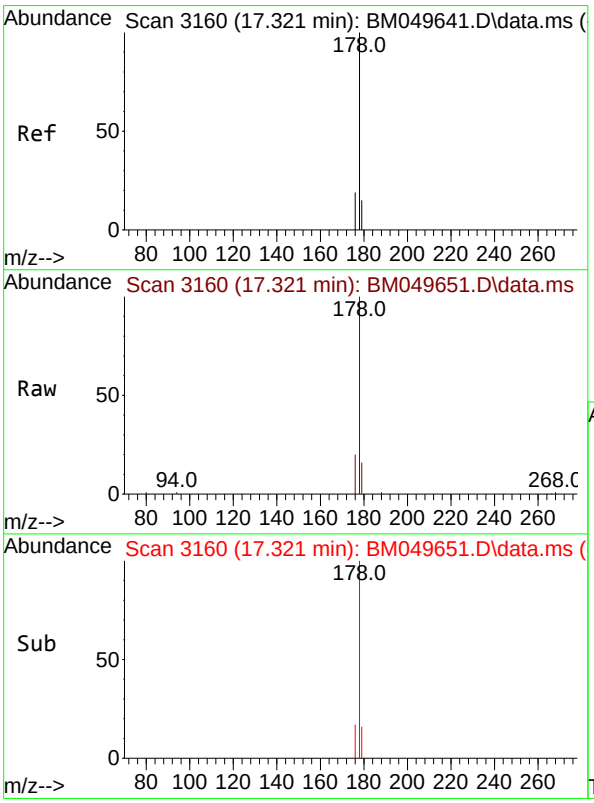
#15
Phenanthrene
Concen: 0.396 ng/ul
RT: 17.233 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS552

Tgt Ion:178 Resp: 30440

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	19.5	16.2	24.2

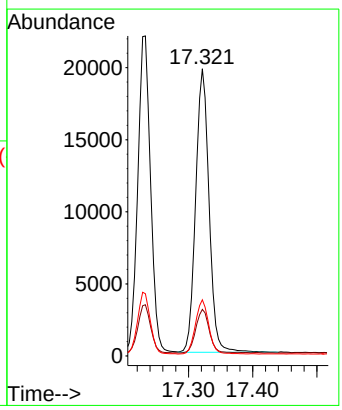


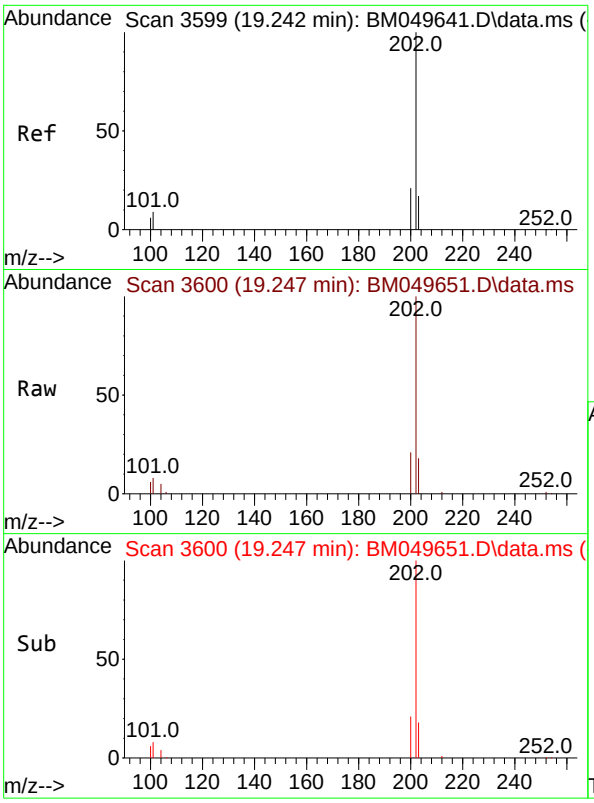


#16
Anthracene
Concen: 0.405 ng/ul
RT: 17.321 min Scan# 3160
Delta R.T. -0.000 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Tgt Ion:178 Resp: 28466

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.6	15.8	23.6



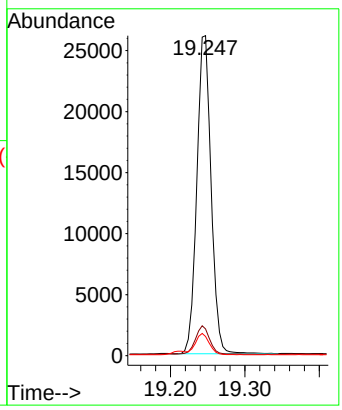


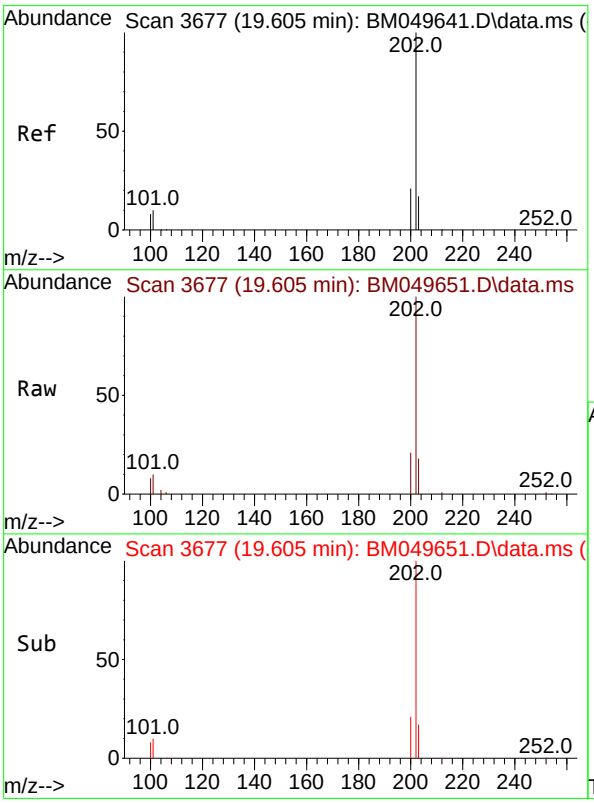
#19
Fluoranthene
Concen: 0.415 ng/ul
RT: 19.247 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS552

Tgt Ion:202 Resp: 34622

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.7	10.1
100	6.0	5.0	7.4

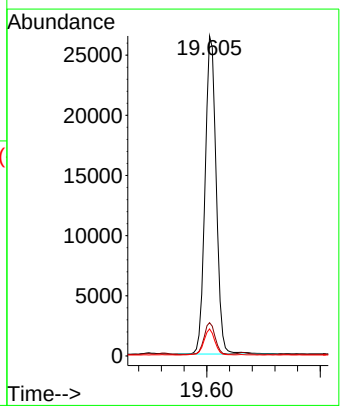


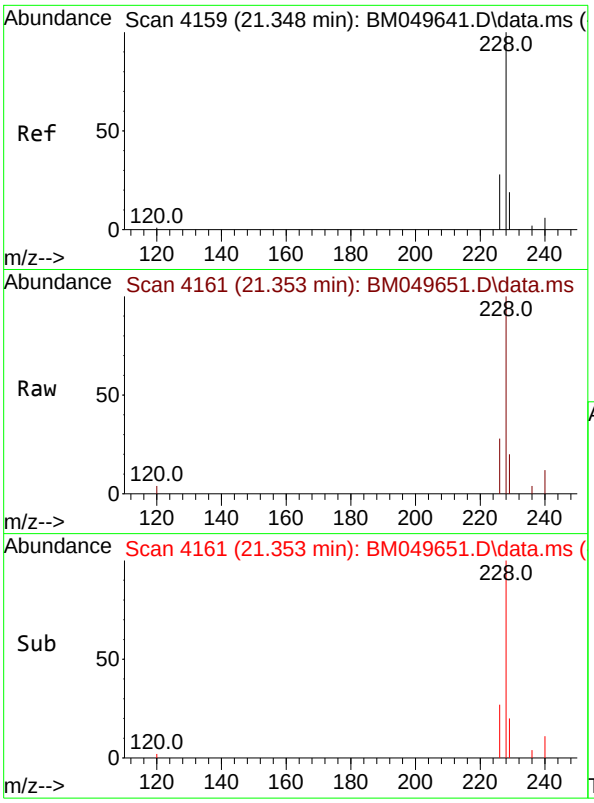


#20
Pyrene
Concen: 0.417 ng/ul
RT: 19.605 min Scan# 3677
Delta R.T. -0.005 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Tgt Ion:202 Resp: 35921

Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.5	11.3
100	8.4	6.3	9.5





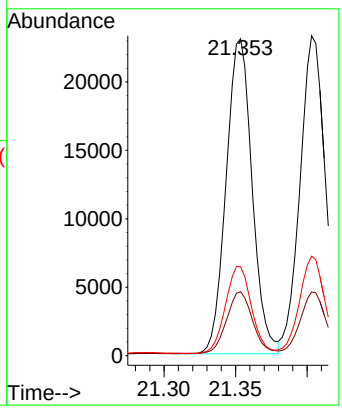
#21
Benzo(a)anthracene
Concen: 0.421 ng/ul
RT: 21.353 min Scan# 4

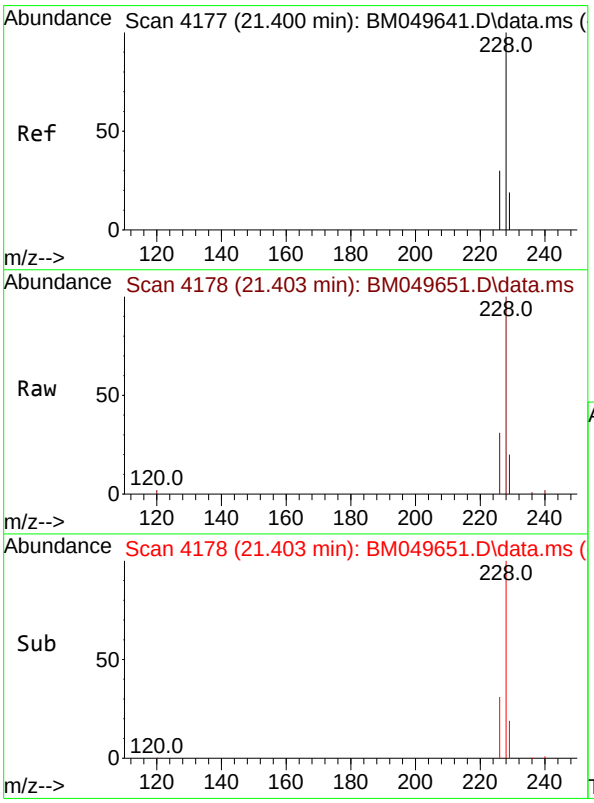
Instrument :
BNA_M
ClientSampleId :
SLCS552

Delta R.T. 0.003 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Tgt Ion:228 Resp: 29092

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.7	23.5
226	28.0	22.2	33.4

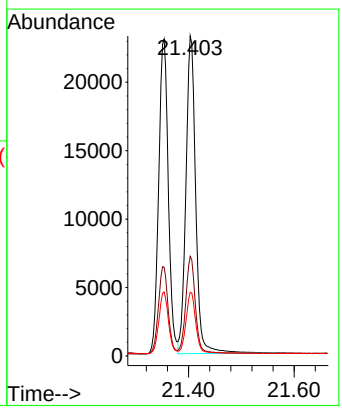


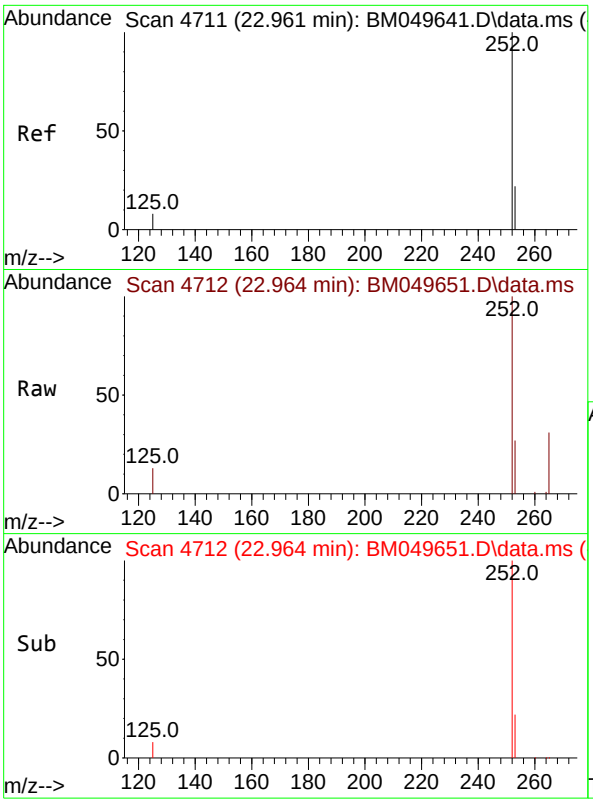


#22
Chrysene
Concen: 0.407 ng/ul
RT: 21.403 min Scan# 4178
Delta R.T. -0.000 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Tgt Ion:228 Resp: 29898

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.9	15.6	23.4



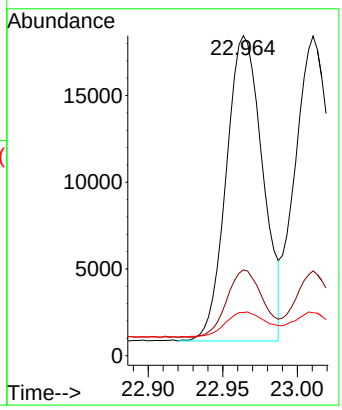


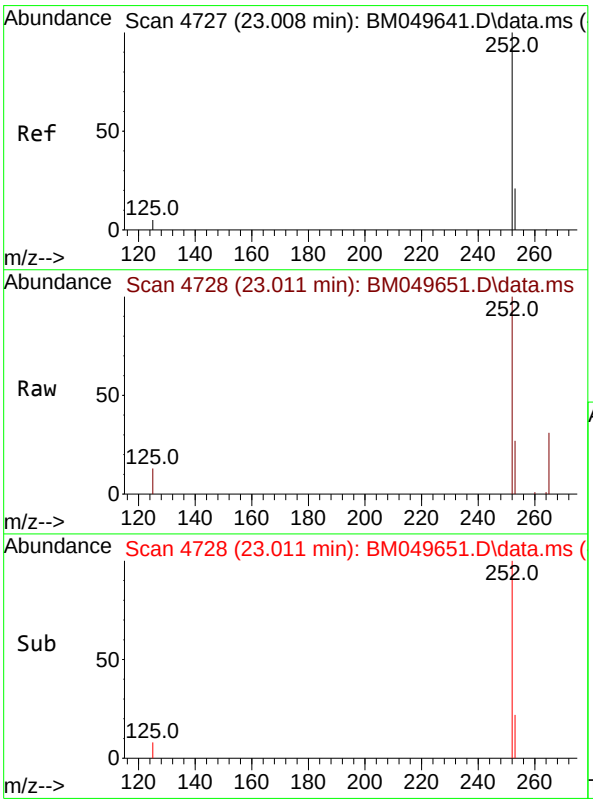
#24
Benzo(b)fluoranthene
Concen: 0.420 ng/ul
RT: 22.964 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS552

Tgt Ion:252 Resp: 29938

Ion	Ratio	Lower	Upper
252	100		
253	26.8	0.0	50.2
125	13.5	0.0	25.6

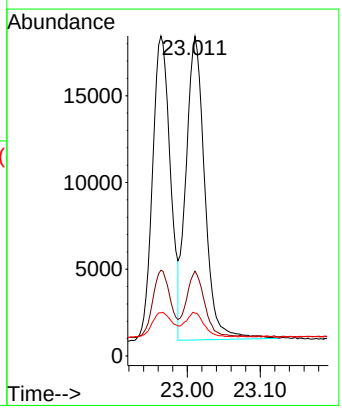


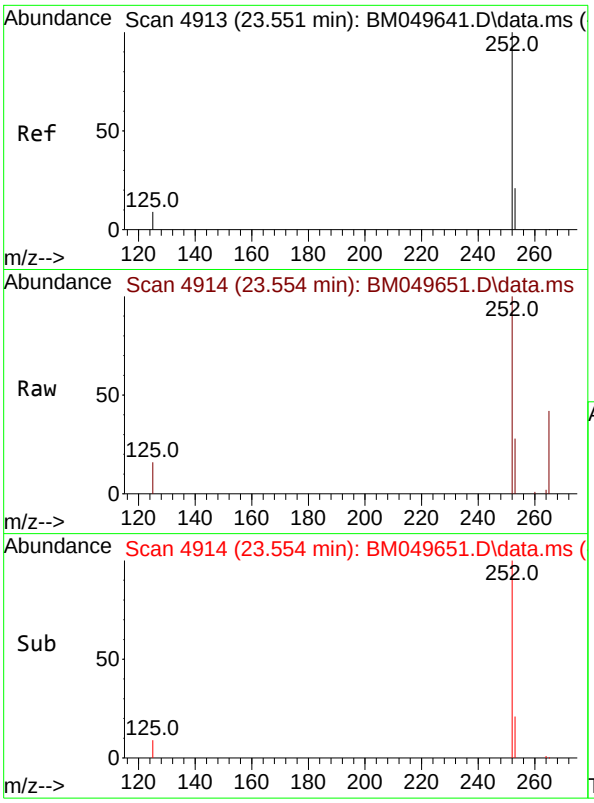


#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.011 min Scan# 4728
Delta R.T. -0.000 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Tgt Ion:252 Resp: 31262

Ion	Ratio	Lower	Upper
252	100		
253	26.5	20.2	30.4
125	13.4	10.4	15.6



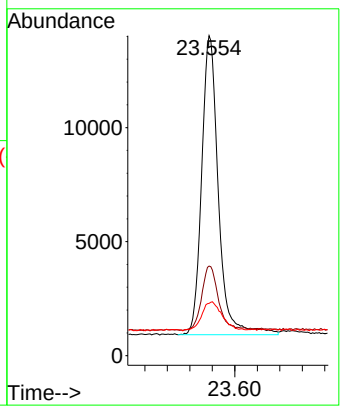


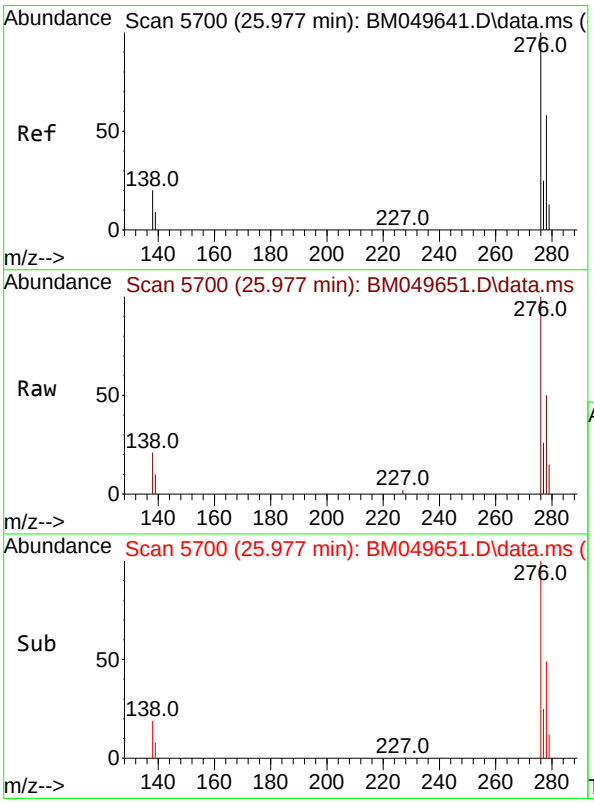
#26
Benzo(a)pyrene
Concen: 0.419 ng/ul
RT: 23.554 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS552

Tgt Ion:252 Resp: 26992

Ion	Ratio	Lower	Upper
252	100		
253	28.0	21.6	32.4
125	16.4	12.6	18.8

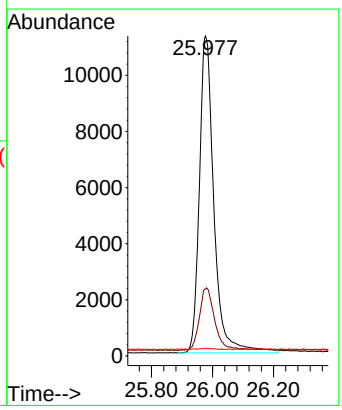


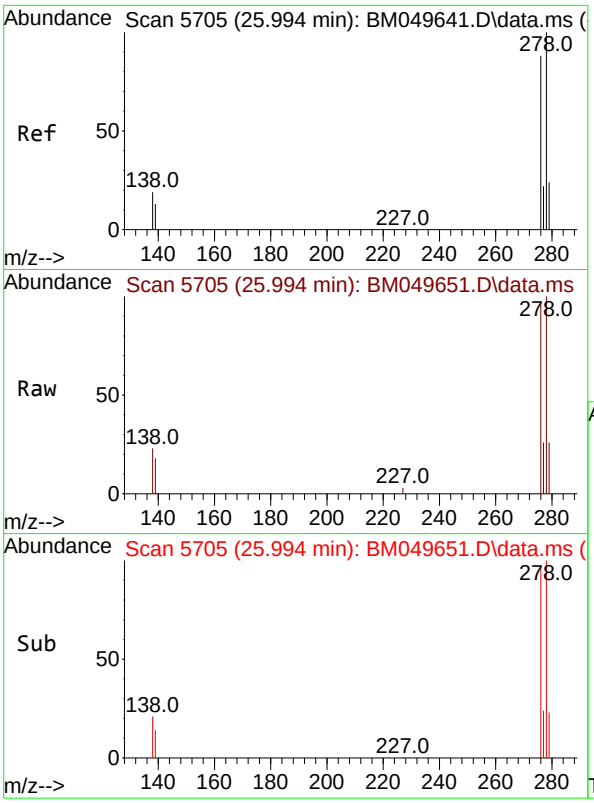


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng/ul
RT: 25.977 min Scan# 5700
Delta R.T. -0.007 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Tgt Ion:276 Resp: 37439

Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.5	24.7
227	0.3	0.1	0.1#



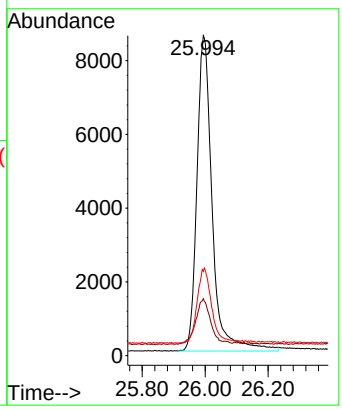


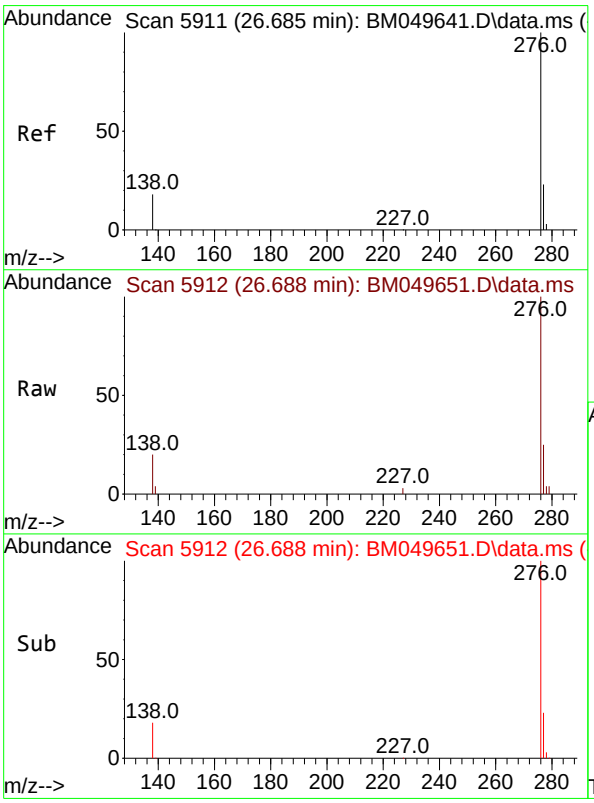
#28
Dibenzo(a,h)anthracene
Concen: 0.414 ng/ul
RT: 25.994 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Instrument :
BNA_M
ClientSampleId :
SLCS552

Tgt Ion:278 Resp: 28726

Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.4	20.0
279	26.3	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 26.688 min Scan# 5912
Delta R.T. -0.004 min
Lab File: BM049651.D
Acq: 13 Feb 2025 16:22

Tgt Ion:276 Resp: 30078

Ion	Ratio	Lower	Upper
276	100		
138	20.3	15.8	23.6
277	25.3	19.9	29.9