Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122823\
Data File : BM043653.D
Acq On : 28 Dec 2023 23:52
Operator : MA/JU
Sample : PB158119BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS119

Quant Time: Dec 29 00:43:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 22:58:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	4321	0.400	ng/ul	0.00
4) Naphthalene-d8	10.773	136	12349	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.601	164	4903	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	9907	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.524	240	6392	0.400	ng/ul	# 0.00
23) Perylene-d12	23.938	264	7268	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	3510	0.643	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	4472	0.256	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	6299	0.276	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	10989	2.007	ng/ul#	82
5) Naphthalene	10.823	128	10347	0.279	ng/ul	98
7) 2-Methylnaphthalene	12.440	142	5894	0.246	ng/ul	98
8) 1-Methylnaphthalene	12.654	142	5591	0.233	ng/ul	100
10) Acenaphthylene	14.324	152	7951	0.294	ng/ul	97
11) Acenaphthene	14.666	153	5872	0.299	ng/ul	98
12) Fluorene	15.656	166	6446	0.290	ng/ul	98
14) Pentachlorophenol	16.995	266	1432	0.652	ng/ul	97
15) Phenanthrene	17.392	178	9765	0.296	ng/ul	98
16) Anthracene	17.485	178	9155	0.305	ng/ul	98
19) Fluoranthene	19.399	202	9949	0.276	ng/ul#	87
20) Pyrene	19.761	202	10200	0.285	ng/ul#	90
21) Benzo(a)anthracene	21.512	228	8060	0.287	ng/ul	99
22) Chrysene	21.565	228	9480	0.320	ng/ul	99
24) Benzo(b)fluoranthene	23.202	252	9403	0.285	ng/ul	88
25) Benzo(k)fluoranthene	23.251	252	10643	0.311	ng/ul#	87
26) Benzo(a)pyrene	23.836	252	8470	0.311	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.454	276	11775	0.380	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.485	278	9546	0.389	ng/ul#	91
29) Benzo(g,h,i)perylene	27.219	276	10123	0.383	ng/ul#	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122823\
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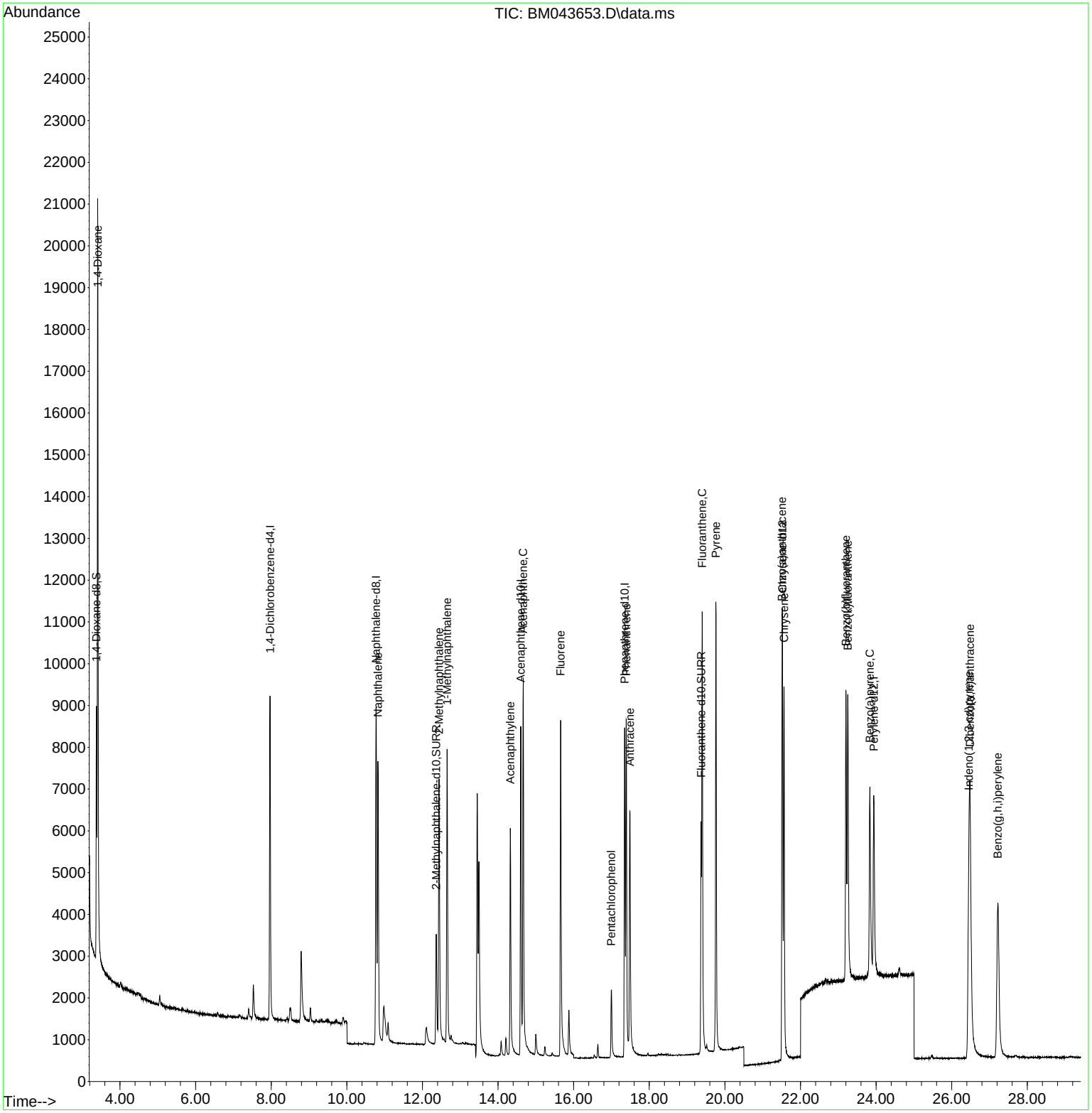
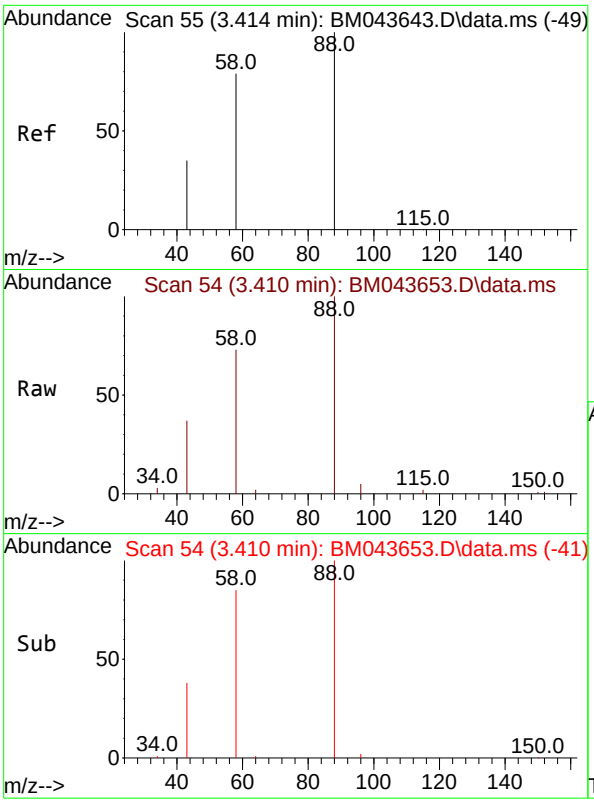
BNA_M
ClientSampleId :
SLCS119

Quant Time: Dec 29 00:43:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 22:58:31 2023
Response via : Initial Calibration



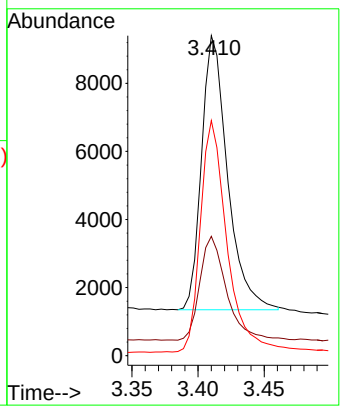


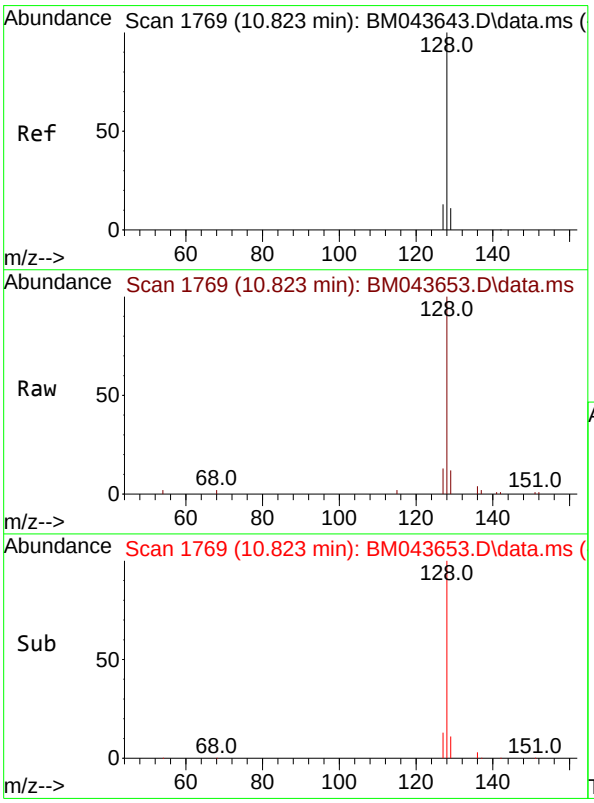
#2
1,4-Dioxane
Concen: 2.007 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.004 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Instrument :
BNA_M
ClientSampleId :
SLCS119

Tgt Ion: 88 Resp: 10989

Ion	Ratio	Lower	Upper
88	100		
43	37.3	27.9	41.9
58	73.5	43.4	65.2#

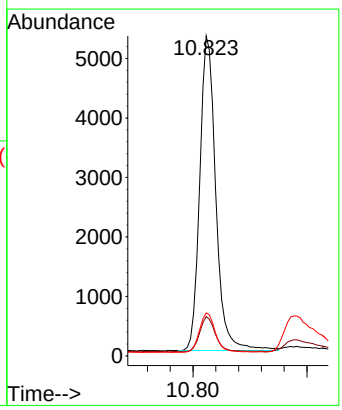


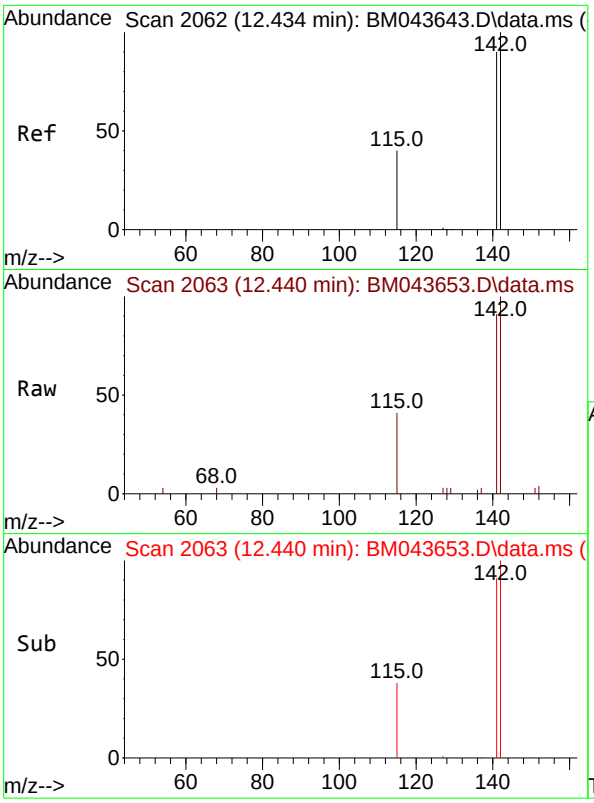


#5
Naphthalene
Concen: 0.279 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Tgt Ion:128 Resp: 10347

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.0	13.4
127	13.5	10.3	15.5



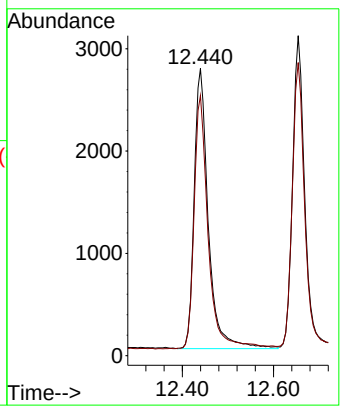


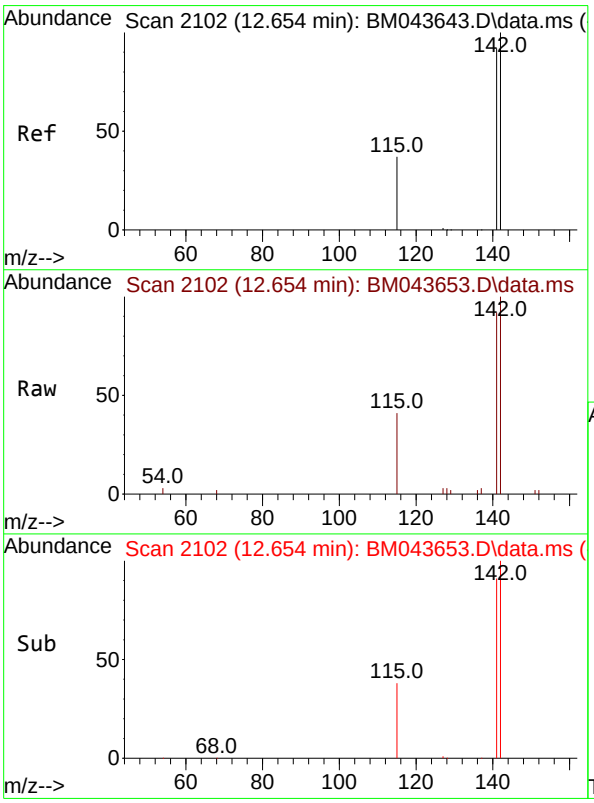
#7
2-Methylnaphthalene
Concen: 0.246 ng/ul
RT: 12.440 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Instrument :
BNA_M
ClientSampleId :
SLCS119

Tgt Ion:142 Resp: 5894

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.9	106.3

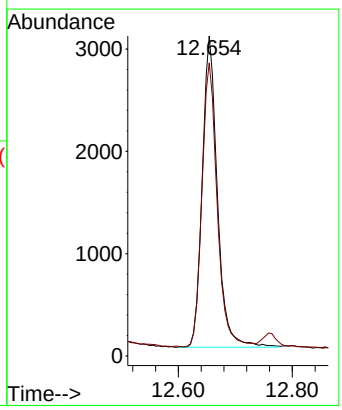


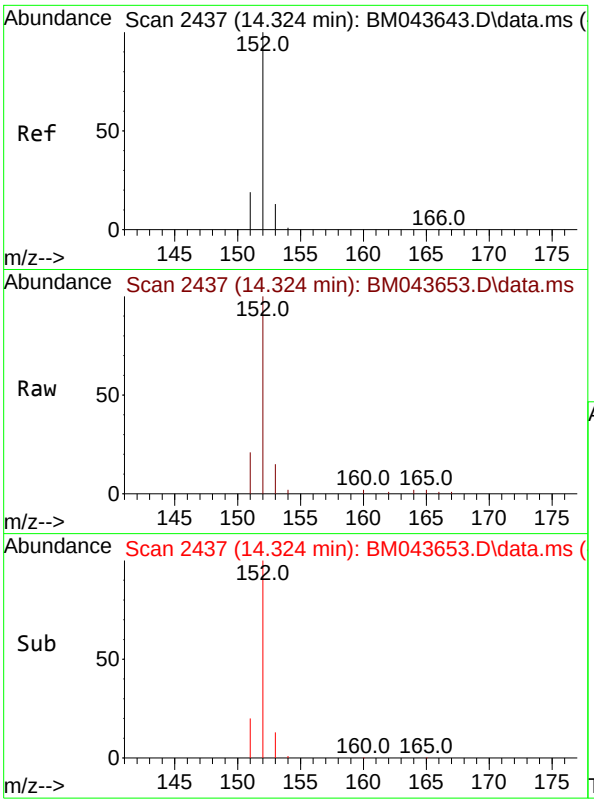


#8
1-Methylnaphthalene
Concen: 0.233 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Tgt Ion:142 Resp: 5591

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.7	110.5



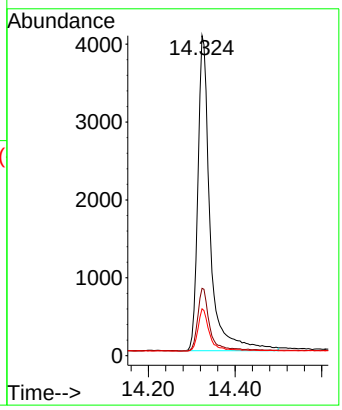


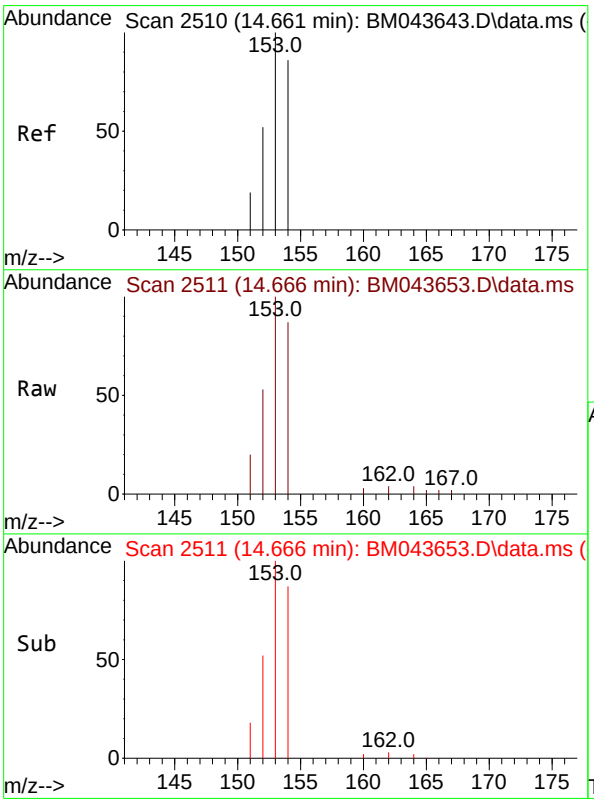
#10
Acenaphthylene
Concen: 0.294 ng/ul
RT: 14.324 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Instrument :
BNA_M
ClientSampleId :
SLCS119

Tgt Ion:152 Resp: 7951

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.2
153	14.7	10.4	15.6

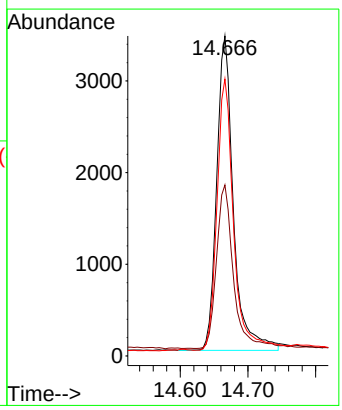


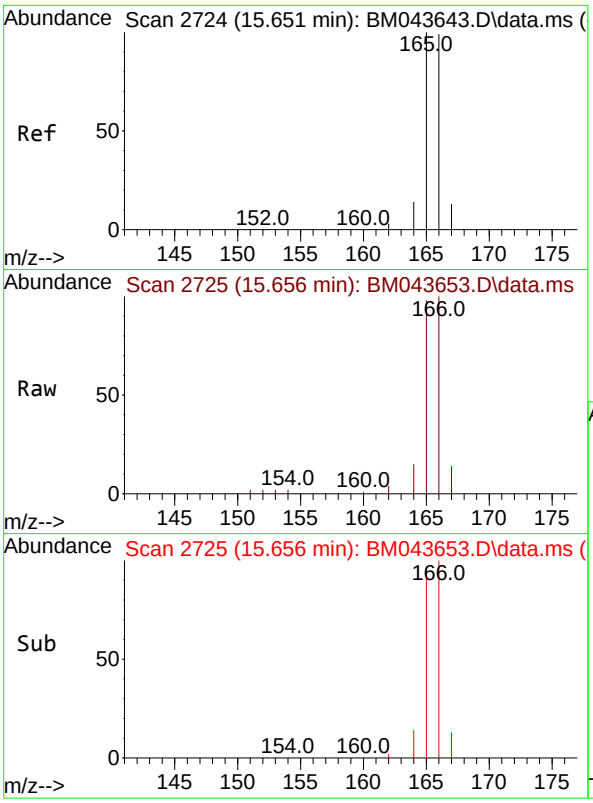


#11
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. -0.000 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Tgt Ion:153 Resp: 5872

Ion	Ratio	Lower	Upper
153	100		
152	53.4	42.1	63.1
154	86.5	71.3	106.9



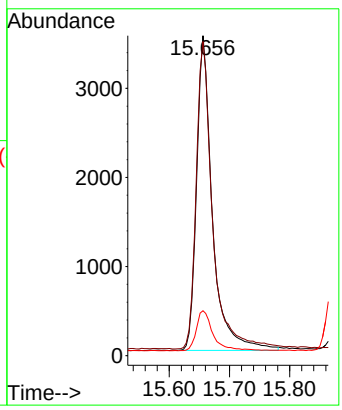


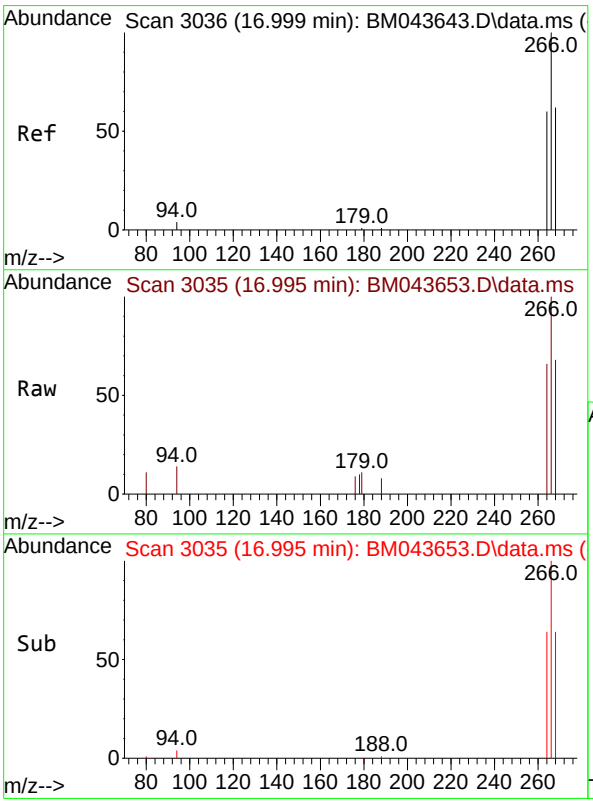
#12
Fluorene
Concen: 0.290 ng/ul
RT: 15.656 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Instrument :
BNA_M
ClientSampleId :
SLCS119

Tgt Ion:166 Resp: 6446

Ion	Ratio	Lower	Upper
166	100		
165	98.2	80.3	120.5
167	14.0	10.8	16.2

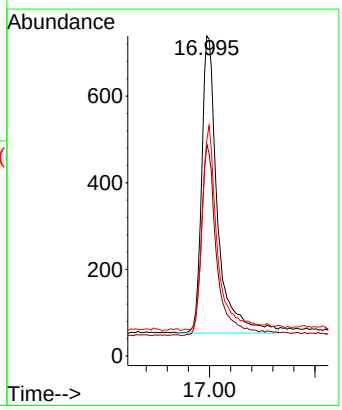


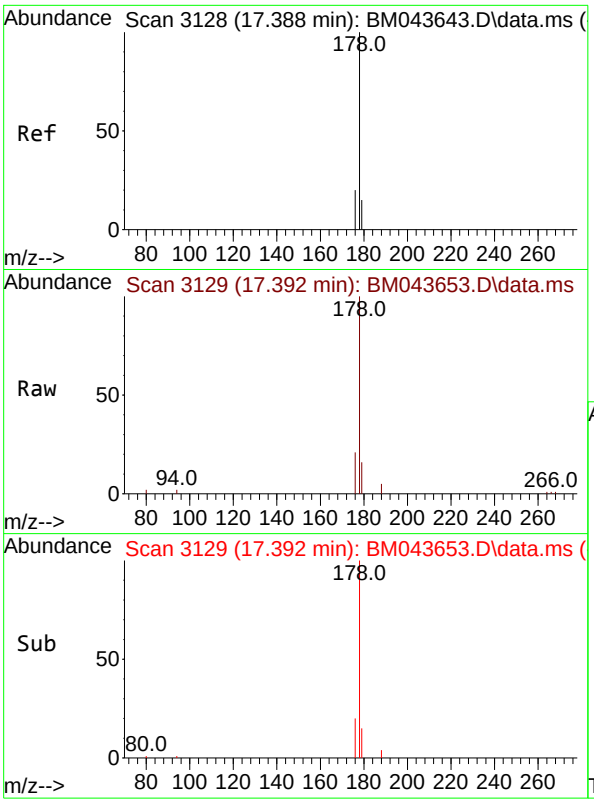


#14
Pentachlorophenol
Concen: 0.652 ng/ul
RT: 16.995 min Scan# 3035
Delta R.T. -0.008 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Tgt Ion:266 Resp: 1432

Ion	Ratio	Lower	Upper
266	100		
264	63.4	51.7	77.5
268	68.6	51.9	77.9



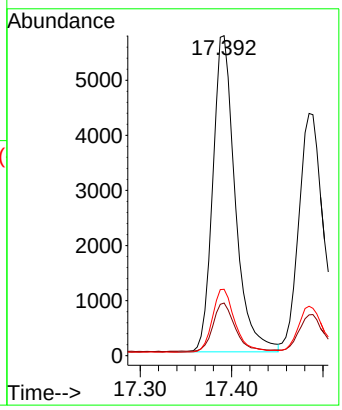


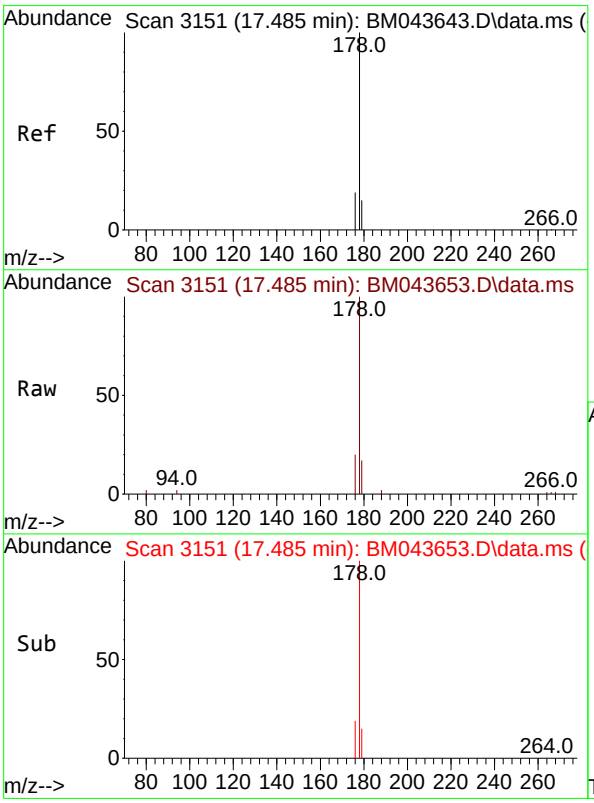
#15
Phenanthrene
Concen: 0.296 ng/ul
RT: 17.392 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Instrument :
BNA_M
ClientSampleId :
SLCS119

Tgt Ion:178 Resp: 9765

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.4	18.6
176	20.7	16.2	24.2

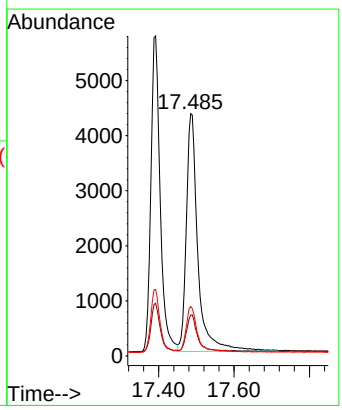


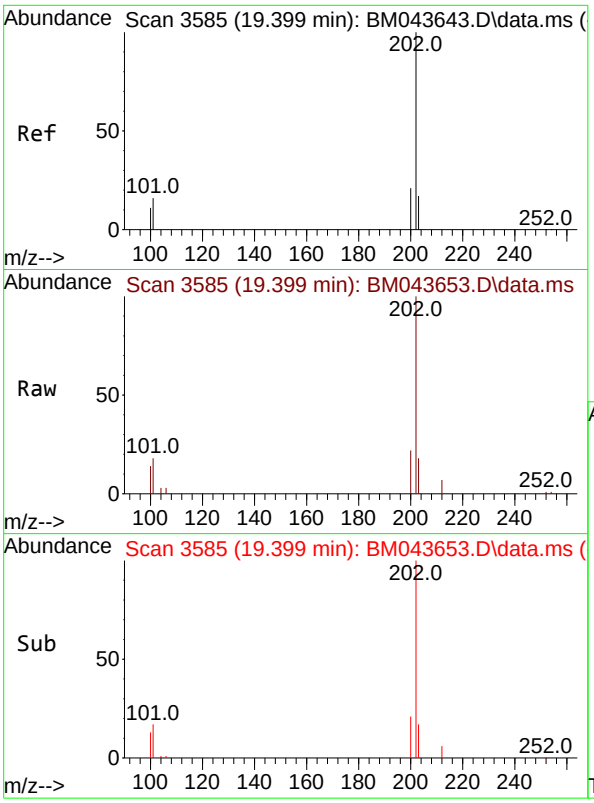


#16
Anthracene
Concen: 0.305 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Tgt Ion:178 Resp: 9155

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	18.8
176	20.4	15.6	23.4



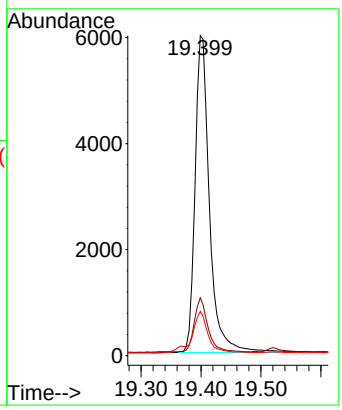


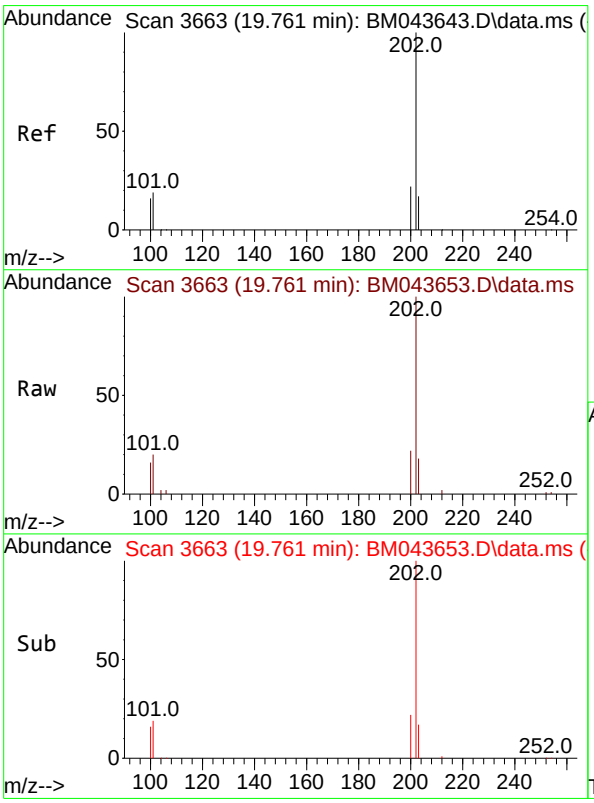
#19
Fluoranthene
Concen: 0.276 ng/ul
RT: 19.399 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Instrument :
BNA_M
ClientSampleId :
SLCS119

Tgt Ion:202 Resp: 9949

Ion	Ratio	Lower	Upper
202	100		
101	18.1	10.1	15.1#
100	13.8	7.4	11.2#

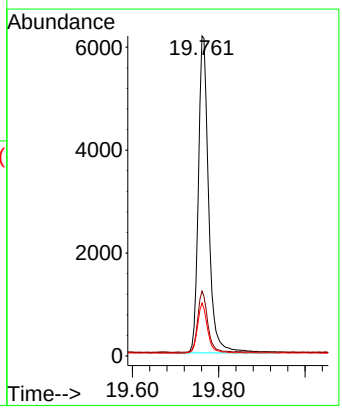


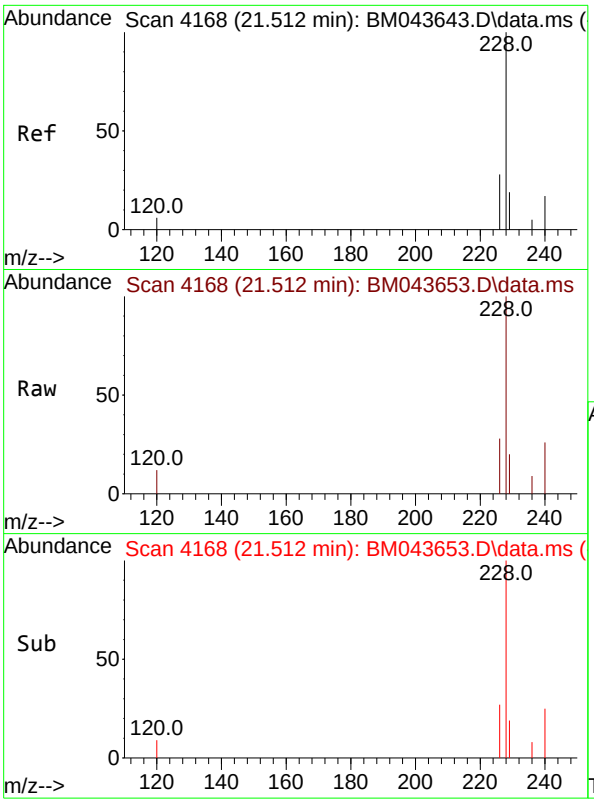


#20
Pyrene
Concen: 0.285 ng/ul
RT: 19.761 min Scan# 3663
Delta R.T. -0.005 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Tgt Ion:202 Resp: 10200

Ion	Ratio	Lower	Upper
202	100		
101	20.3	12.7	19.1#
100	16.5	9.8	14.8#



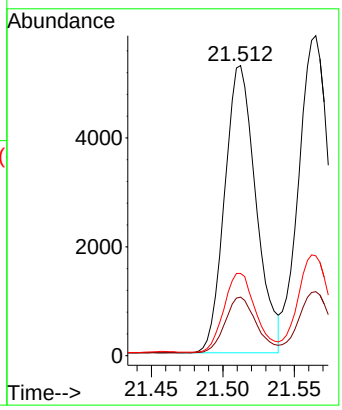


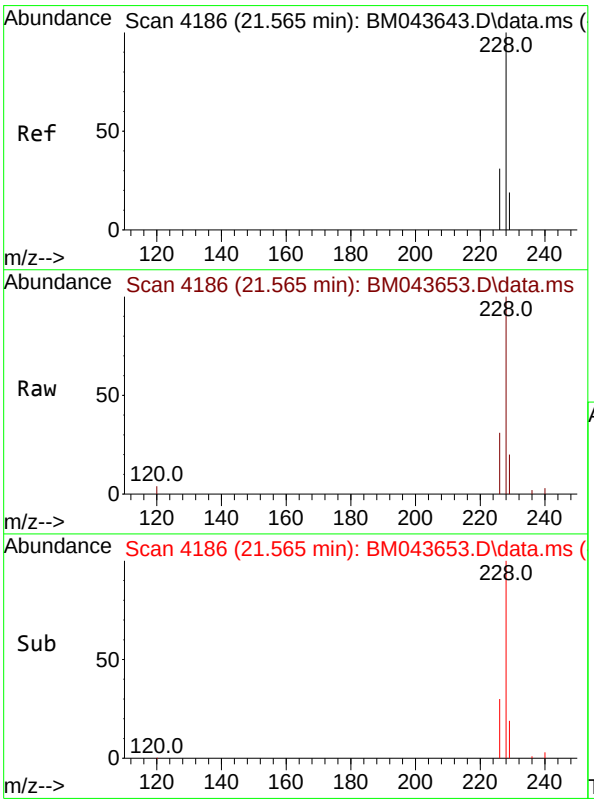
#21
Benzo(a)anthracene
Concen: 0.287 ng/ul
RT: 21.512 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Instrument :
BNA_M
ClientSampleId :
SLCS119

Tgt Ion:228 Resp: 8060

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.5	23.3
226	28.4	22.6	34.0

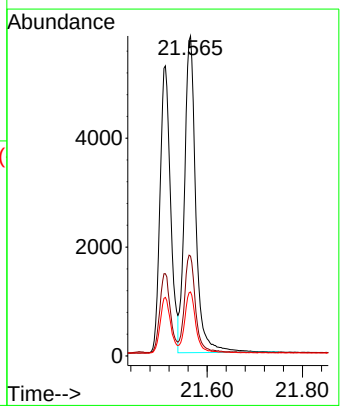


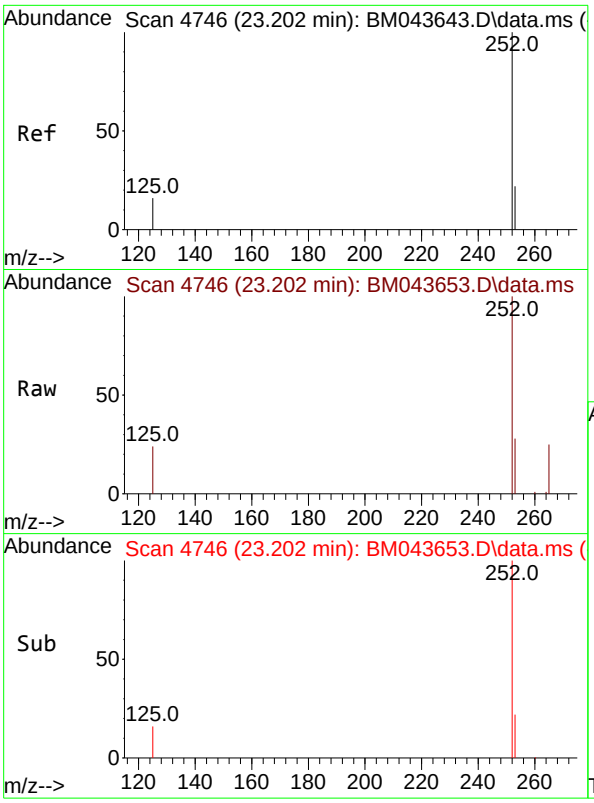


#22
Chrysene
Concen: 0.320 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.000 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Tgt Ion:228 Resp: 9480

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.8	37.2
229	20.0	15.7	23.5



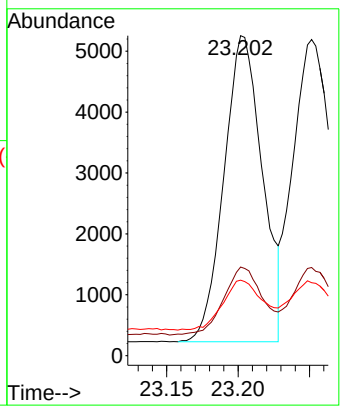


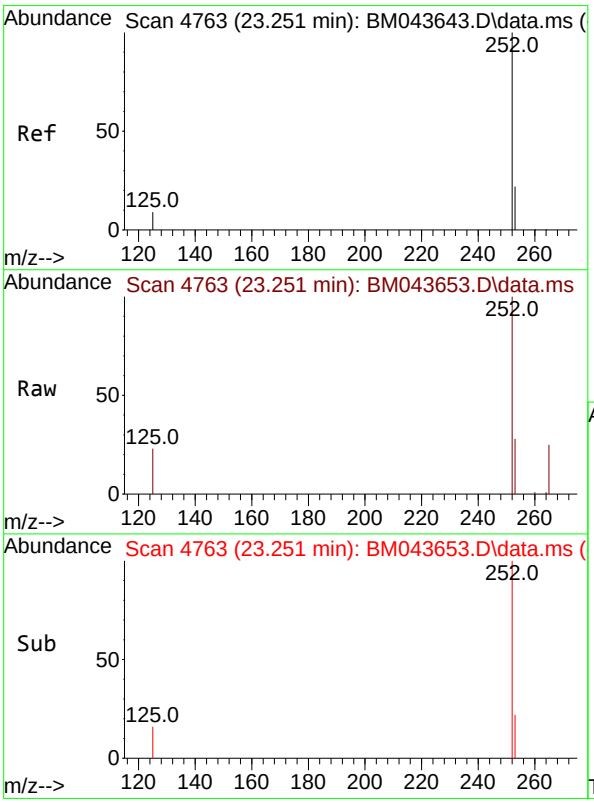
#24
Benzo(b)fluoranthene
Concen: 0.285 ng/ul
RT: 23.202 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Instrument :
BNA_M
ClientSampleId :
SLCS119

Tgt Ion:252 Resp: 9403

Ion	Ratio	Lower	Upper
252	100		
253	27.7	0.0	48.8
125	23.6	0.0	29.2

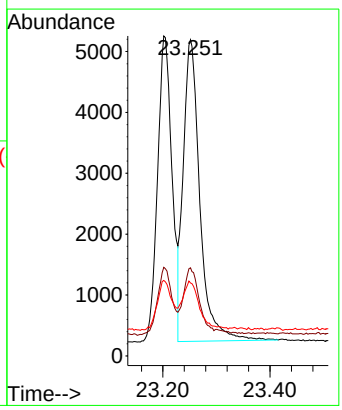


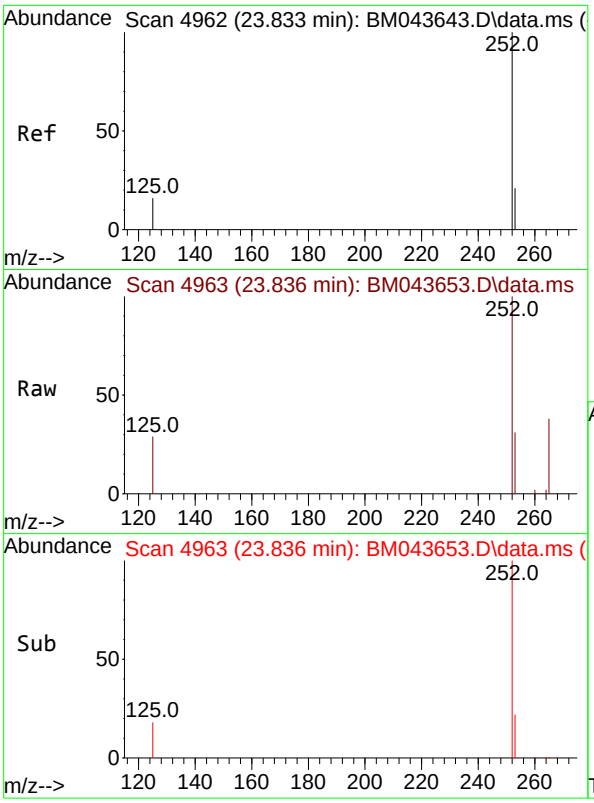


#25
Benzo(k)fluoranthene
Concen: 0.311 ng/ul
RT: 23.251 min Scan# 4763
Delta R.T. -0.003 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Tgt Ion:252 Resp: 10643

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.6	28.0
125	23.1	11.8	17.8#



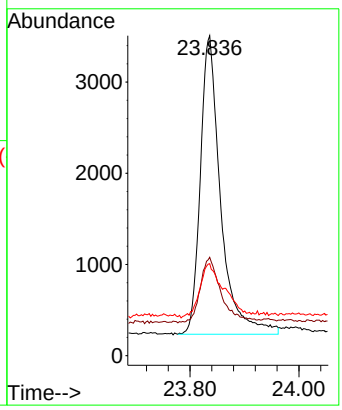


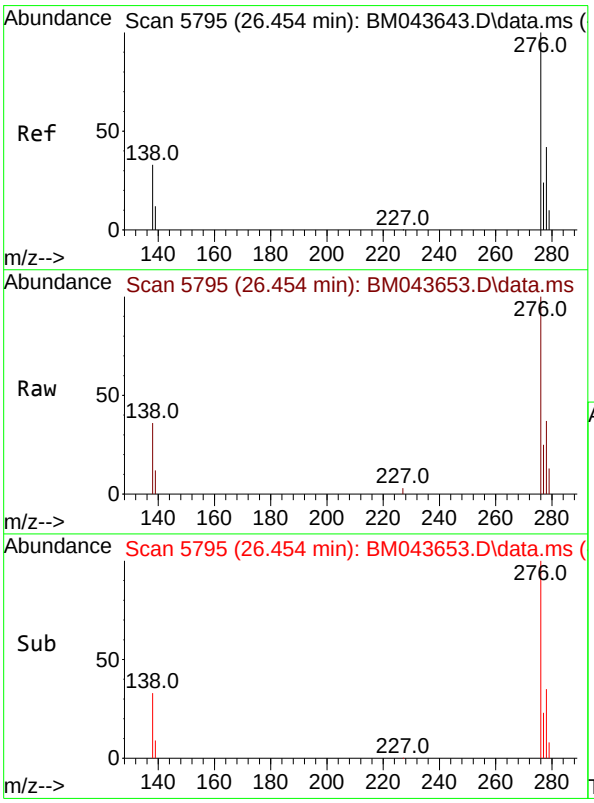
#26
Benzo(a)pyrene
Concen: 0.311 ng/ul
RT: 23.836 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Instrument :
BNA_M
ClientSampleId :
SLCS119

Tgt Ion:252 Resp: 8470

Ion	Ratio	Lower	Upper
252	100		
253	30.8	20.2	30.2#
125	28.7	13.5	20.3#

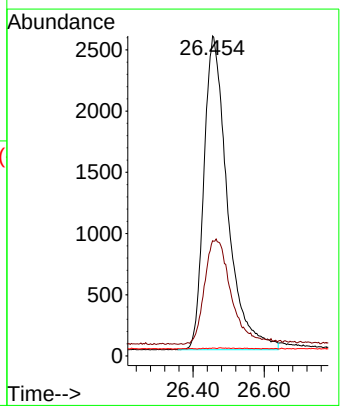


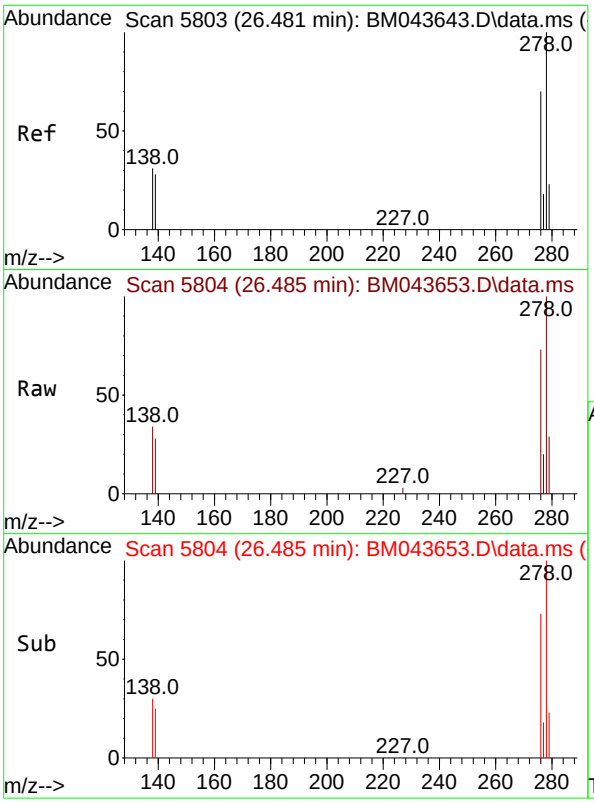


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 26.454 min Scan# 5795
Delta R.T. -0.004 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Tgt Ion:276 Resp: 11775

Ion	Ratio	Lower	Upper
276	100		
138	0.0	24.6	36.8#
227	0.1	0.0	0.0#



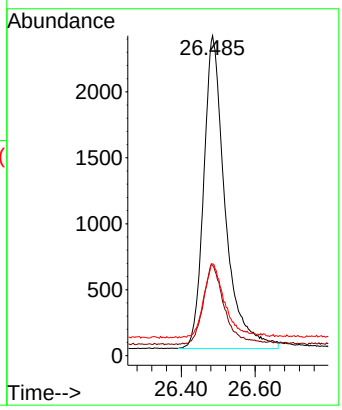


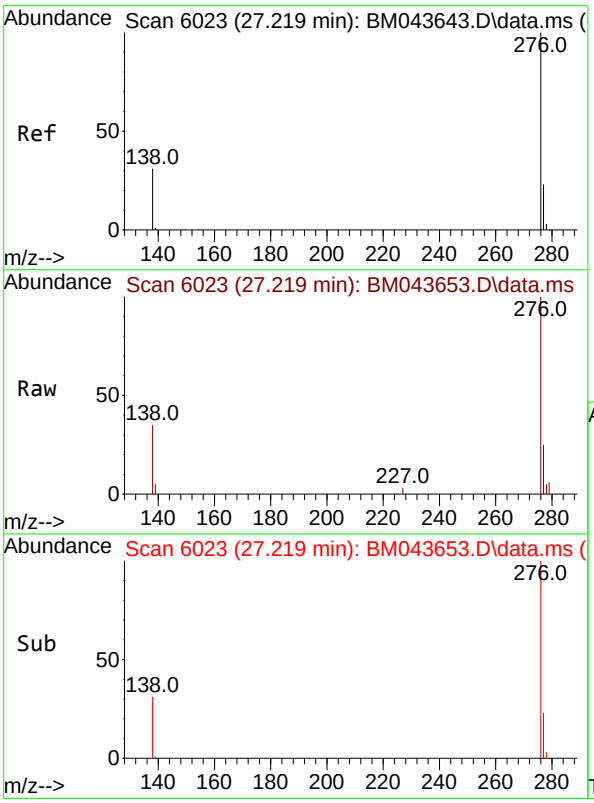
#28
Dibenzo(a,h)anthracene
Concen: 0.389 ng/ul
RT: 26.485 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Instrument :
BNA_M
ClientSampleId :
SLCS119

Tgt Ion:278 Resp: 9546

Ion	Ratio	Lower	Upper
278	100		
139	28.2	17.4	26.2#
279	28.6	20.9	31.3





#29
Benzo(g,h,i)perylene
Concen: 0.383 ng/ul
RT: 27.219 min Scan# 6023
Delta R.T. -0.004 min
Lab File: BM043653.D
Acq: 28 Dec 2023 23:52

Tgt Ion:276 Resp: 10123

Ion	Ratio	Lower	Upper
276	100		
138	34.8	23.1	34.7#
277	25.4	19.4	29.0