Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122823\
Data File : BM043651.D
Acq On : 28 Dec 2023 22:39
Operator : MA/JU
Sample : PB158092BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS092

Quant Time: Dec 28 23:20:29 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	7.967	152	4447	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	12865	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.601	164	5146	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	10525	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.527	240	6926	0.400	ng/ul	# 0.00
23) Perylene-d12	23.939	264	7769	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.377	96	3488	0.621	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	4663	0.256	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	6729	0.272	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	11010	1.954	ng/ul#	83
5) Naphthalene	10.823	128	10468	0.271	ng/ul	98
7) 2-Methylnaphthalene	12.440	142	5945	0.238	ng/ul	97
8) 1-Methylnaphthalene	12.654	142	5698	0.228	ng/ul	100
10) Acenaphthylene	14.324	152	8121	0.287	ng/ul	98
11) Acenaphthene	14.666	153	5910	0.287	ng/ul	99
12) Fluorene	15.656	166	6595	0.282	ng/ul	97
14) Pentachlorophenol	16.995	266	1506	0.646	ng/ul	97
15) Phenanthrene	17.392	178	10081	0.287	ng/ul	98
16) Anthracene	17.485	178	9499	0.298	ng/ul	99
19) Fluoranthene	19.404	202	10413	0.267	ng/ul#	92
20) Pyrene	19.761	202	10732	0.277	ng/ul#	90
21) Benzo(a)anthracene	21.513	228	8695	0.286	ng/ul	98
22) Chrysene	21.565	228	9843	0.307	ng/ul	99
24) Benzo(b)fluoranthene	23.202	252	9781	0.277	ng/ul	88
25) Benzo(k)fluoranthene	23.255	252	10962	0.300	ng/ul#	87
26) Benzo(a)pyrene	23.833	252	8933	0.307	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.458	276	12336	0.372	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.482	278	10033	0.382	ng/ul#	92
29) Benzo(g,h,i)perylene	27.223	276	10610	0.375	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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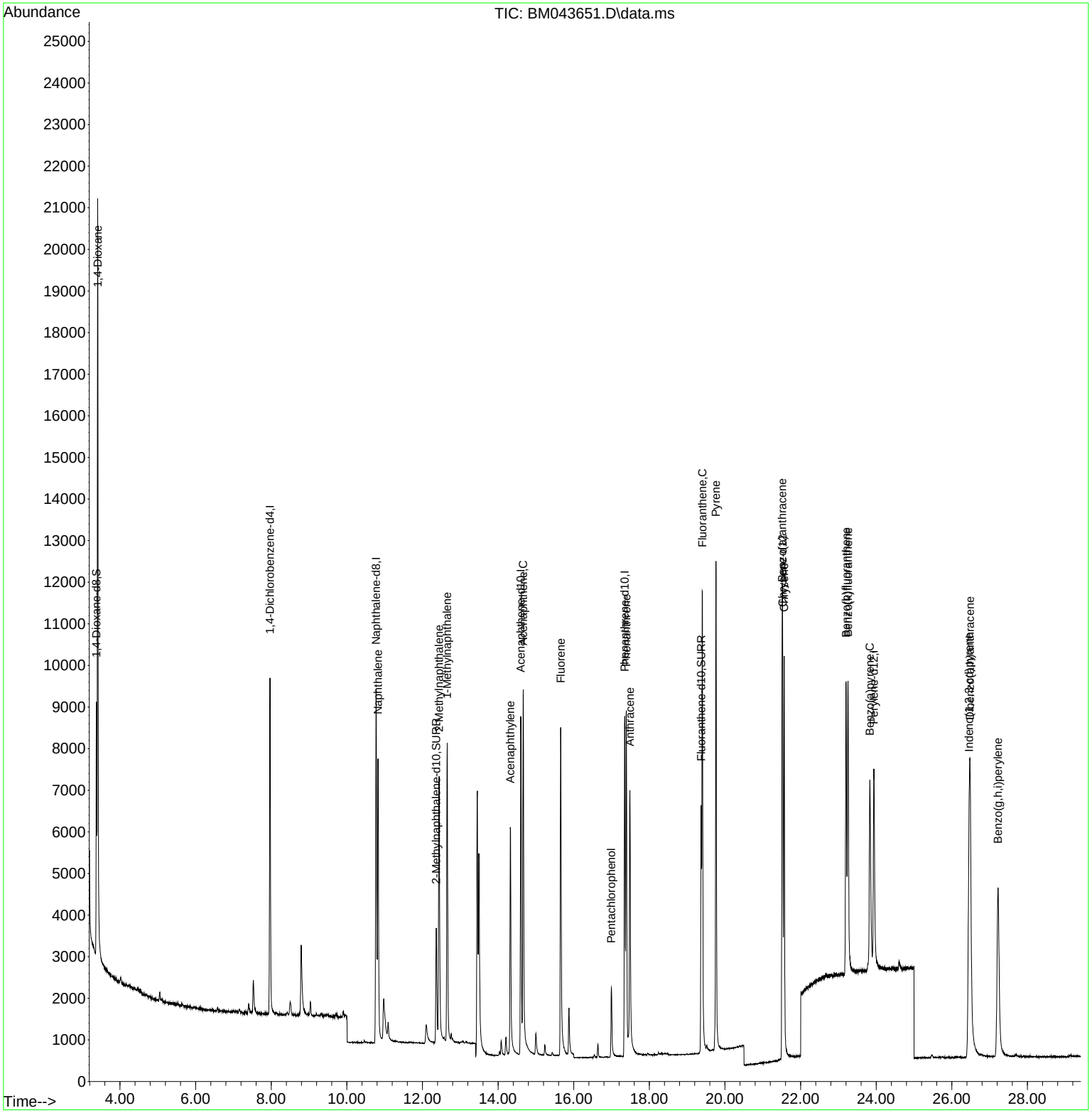
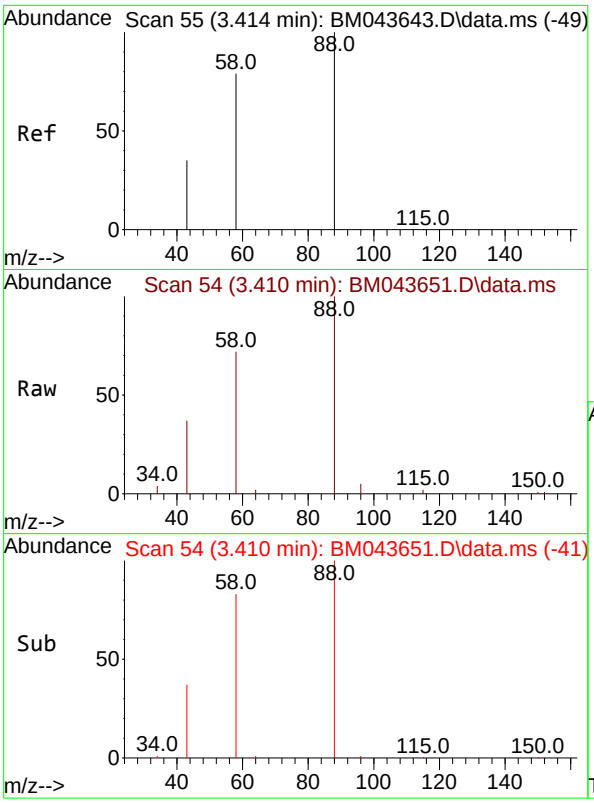
Quant Time: Dec 28 23:20:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 22:58:31 2023
Response via : Initial Calibration



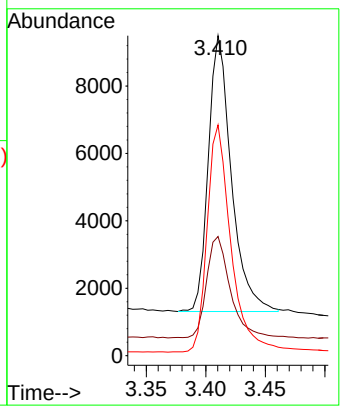


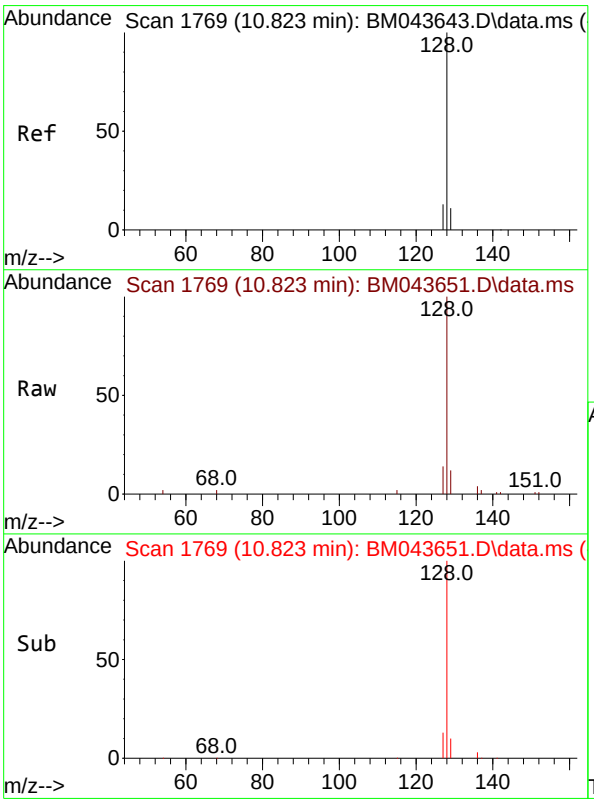
#2
1,4-Dioxane
Concen: 1.954 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.004 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Instrument :
BNA_M
ClientSampleId :
SLCS092

Tgt Ion: 88 Resp: 11010

Ion	Ratio	Lower	Upper
88	100		
43	37.3	27.9	41.9
58	72.1	43.4	65.2#

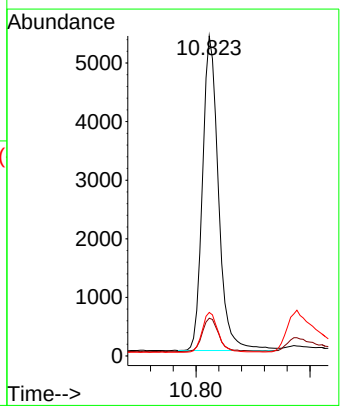


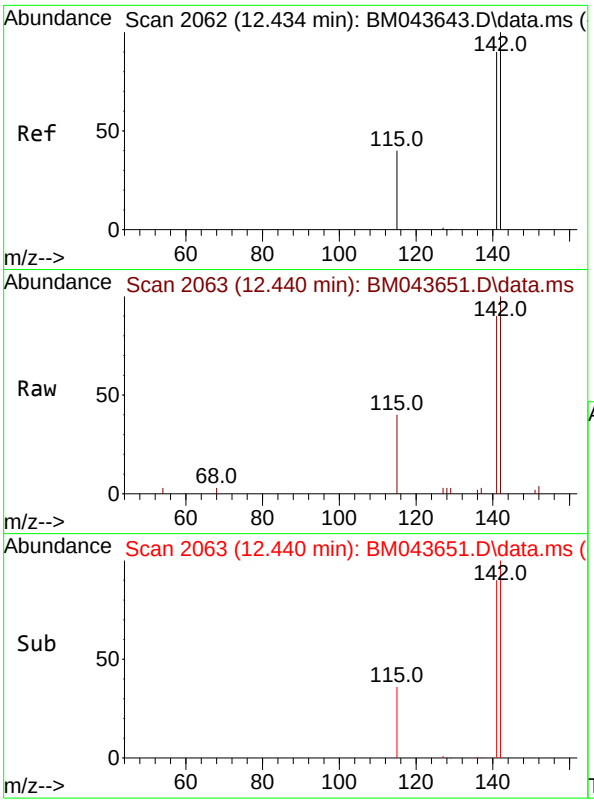


#5
Naphthalene
Concen: 0.271 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. -0.005 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Tgt Ion:128 Resp: 10468

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.4
127	13.6	10.3	15.5



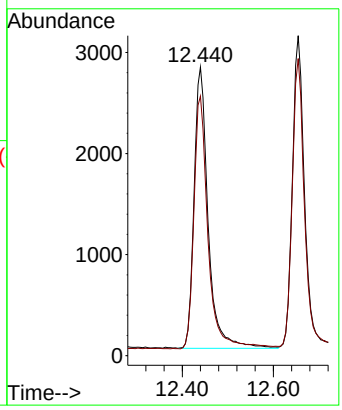


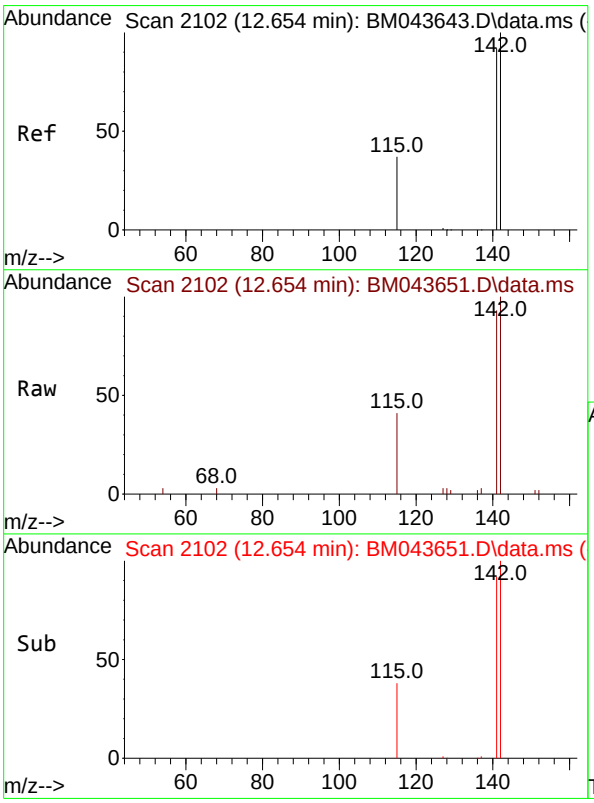
#7
2-Methylnaphthalene
Concen: 0.238 ng/ul
RT: 12.440 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Instrument :
BNA_M
ClientSampleId :
SLCS092

Tgt Ion:142 Resp: 5945

Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.9	106.3

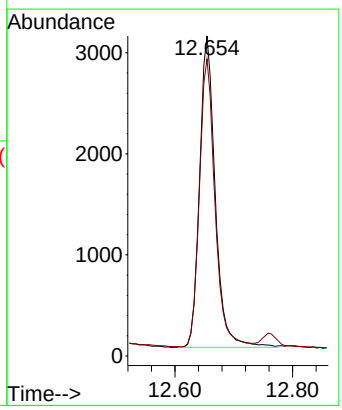


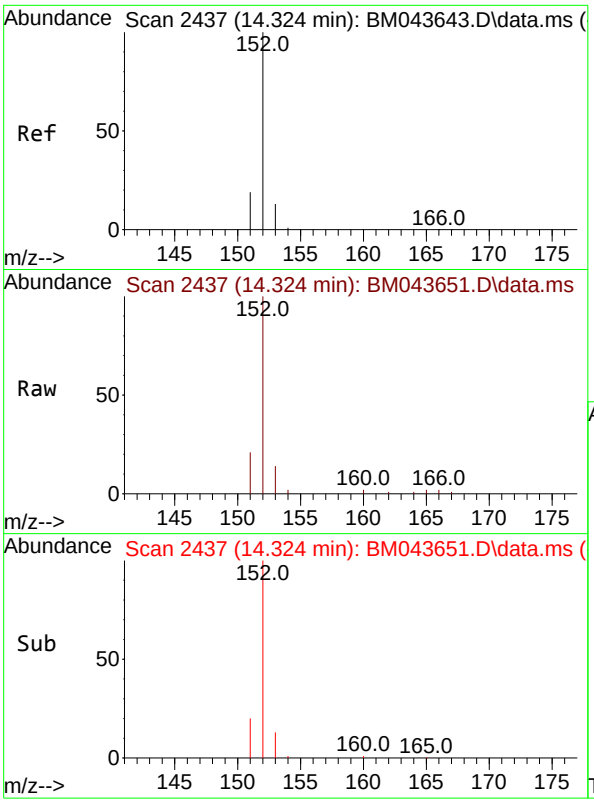


#8
1-Methylnaphthalene
Concen: 0.228 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Tgt Ion:142 Resp: 5698

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.7	110.5



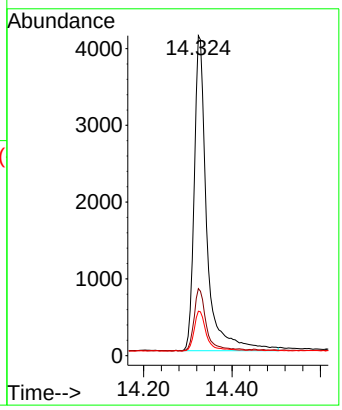


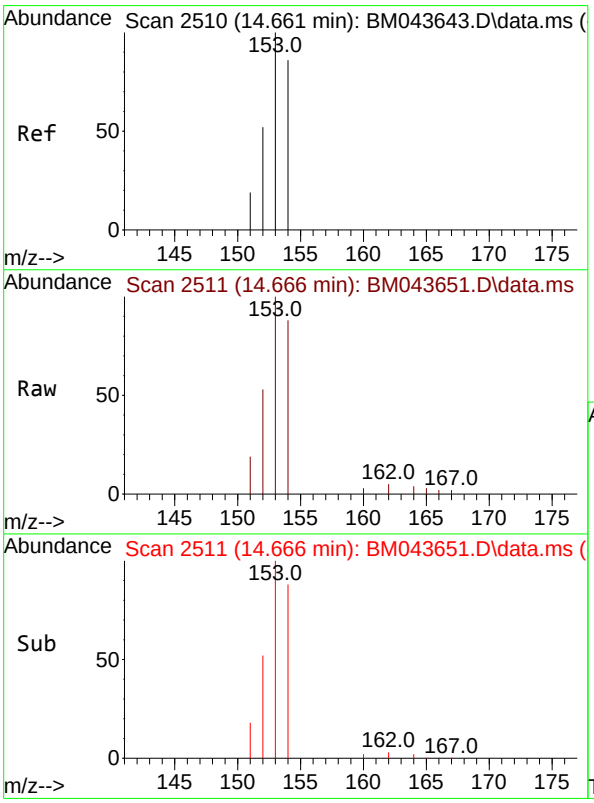
#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 14.324 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Instrument :
BNA_M
ClientSampleId :
SLCS092

Tgt Ion:152 Resp: 8121

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2
153	13.9	10.4	15.6

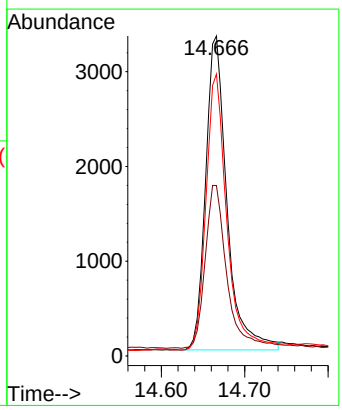


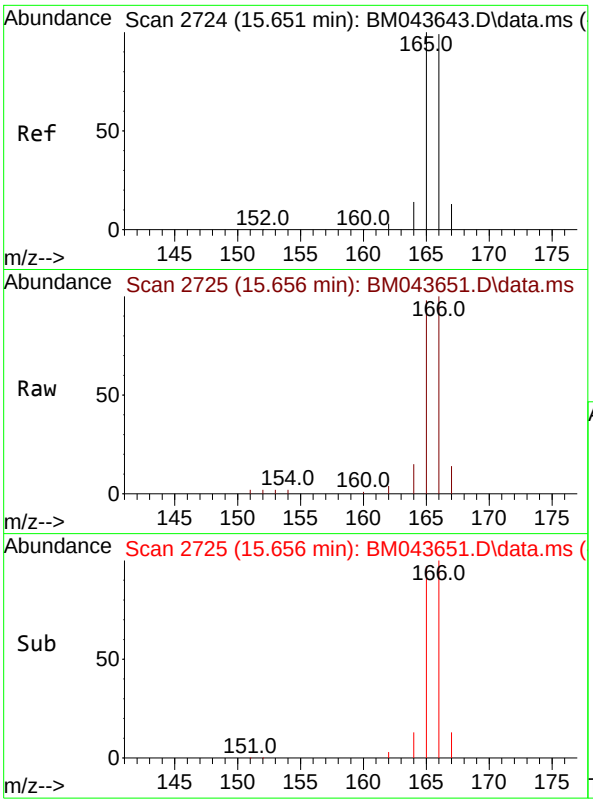


#11
Acenaphthene
Concen: 0.287 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Tgt Ion:153 Resp: 5910

Ion	Ratio	Lower	Upper
153	100		
152	53.3	42.1	63.1
154	88.1	71.3	106.9



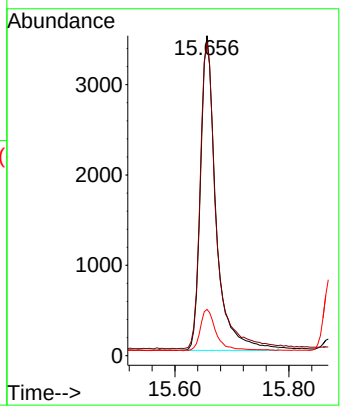


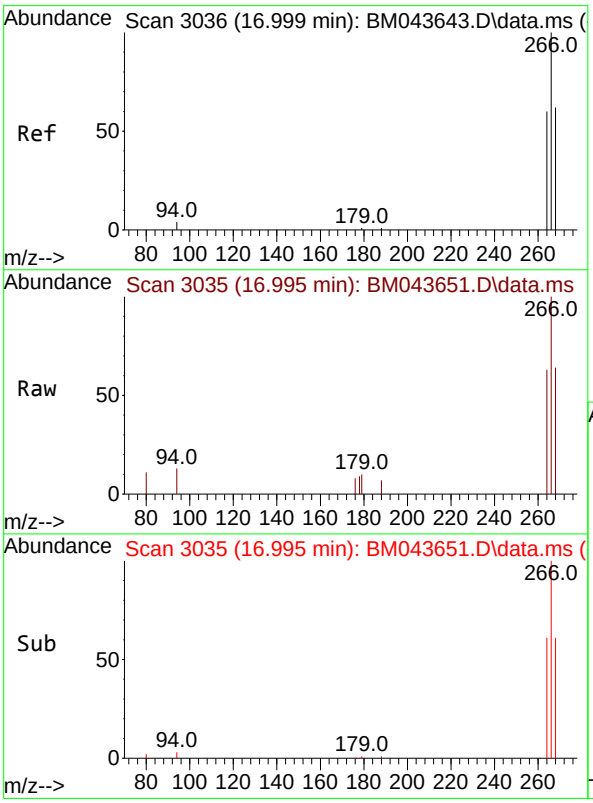
#12
Fluorene
Concen: 0.282 ng/ul
RT: 15.656 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Instrument :
BNA_M
ClientSampleId :
SLCS092

Tgt Ion:166 Resp: 6595

Ion	Ratio	Lower	Upper
166	100		
165	97.6	80.3	120.5
167	14.5	10.8	16.2

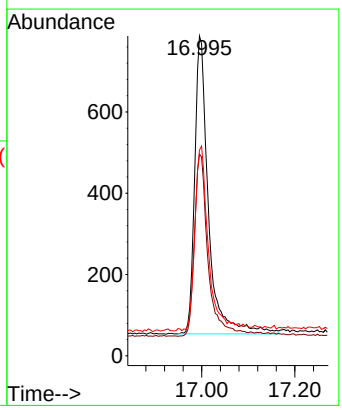


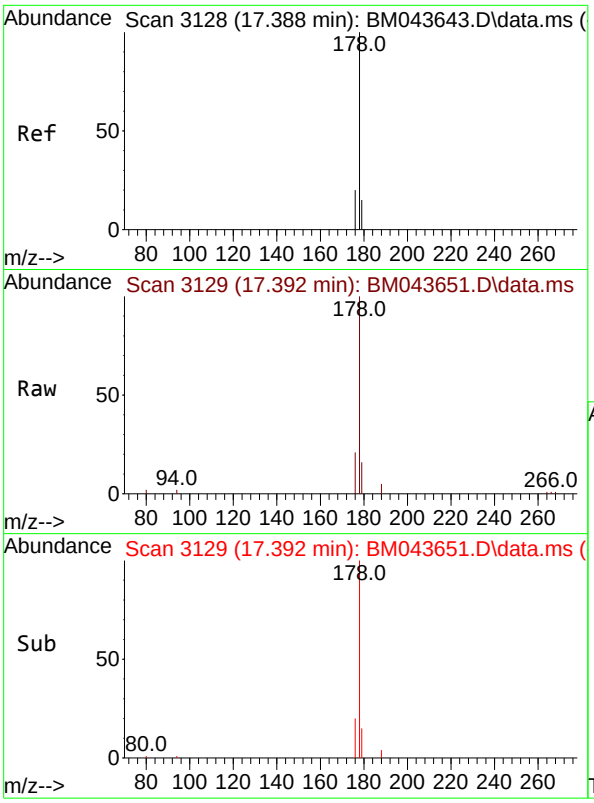


#14
Pentachlorophenol
Concen: 0.646 ng/ul
RT: 16.995 min Scan# 3035
Delta R.T. -0.008 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Tgt Ion:266 Resp: 1506

Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.7	77.5
268	61.5	51.9	77.9



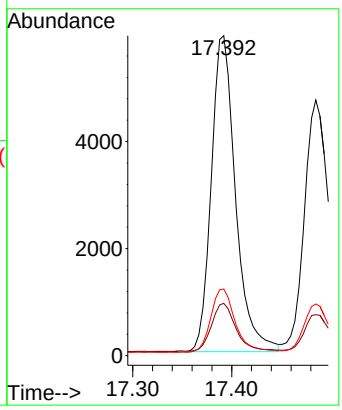


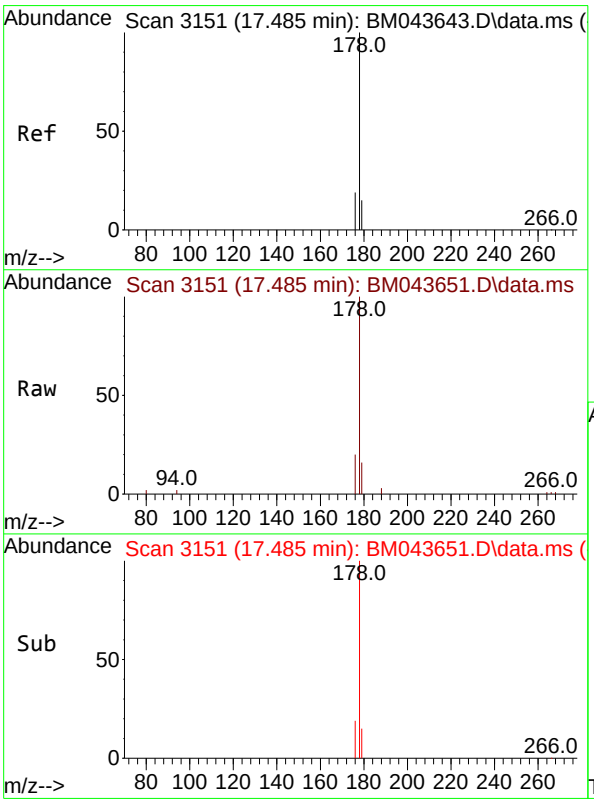
#15
Phenanthrene
Concen: 0.287 ng/ul
RT: 17.392 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Instrument :
BNA_M
ClientSampleId :
SLCS092

Tgt Ion:178 Resp: 10081

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.4	18.6
176	20.8	16.2	24.2

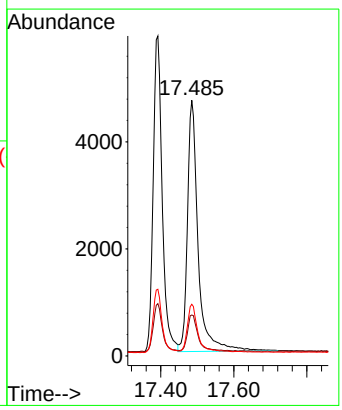


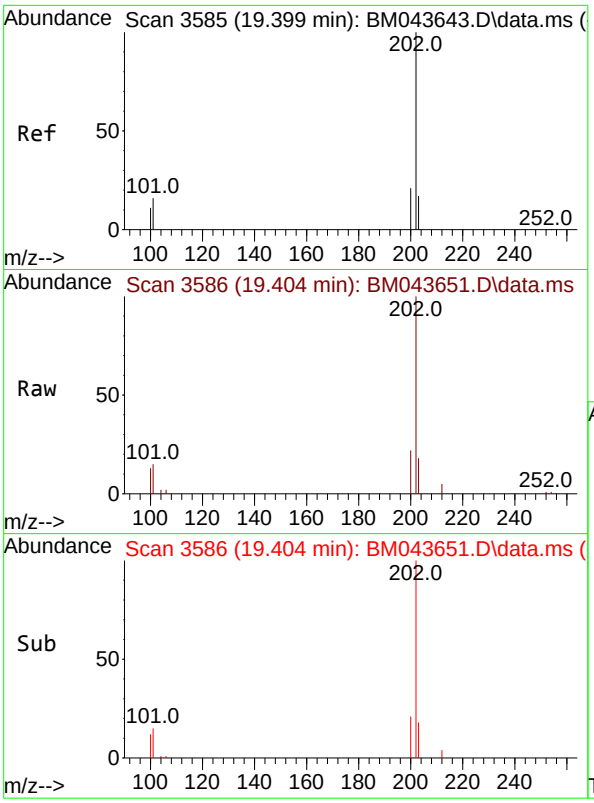


#16
Anthracene
Concen: 0.298 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Tgt Ion:178 Resp: 9499

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	20.2	15.6	23.4



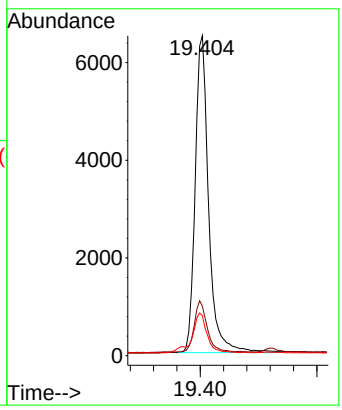


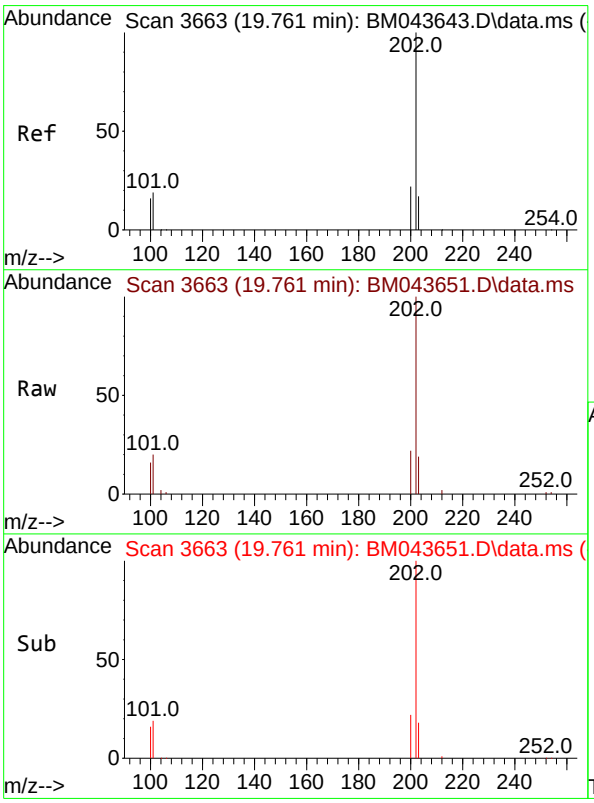
#19
Fluoranthene
Concen: 0.267 ng/ul
RT: 19.404 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Instrument :
BNA_M
ClientSampleId :
SLCS092

Tgt Ion:202 Resp: 10413

Ion	Ratio	Lower	Upper
202	100		
101	15.5	10.1	15.1#
100	12.5	7.4	11.2#

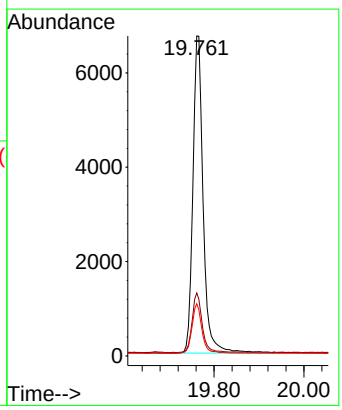


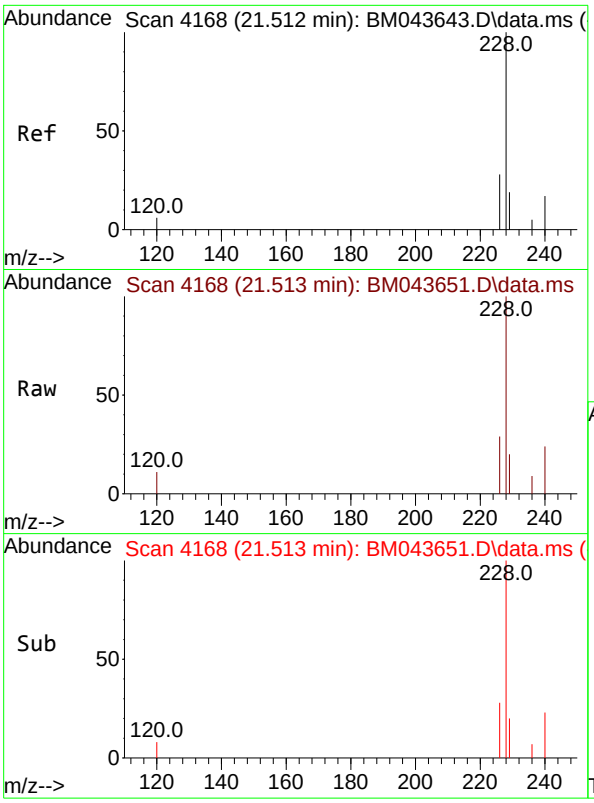


#20
Pyrene
Concen: 0.277 ng/ul
RT: 19.761 min Scan# 3663
Delta R.T. -0.005 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Tgt Ion:202 Resp: 10732

Ion	Ratio	Lower	Upper
202	100		
101	19.7	12.7	19.1#
100	16.3	9.8	14.8#



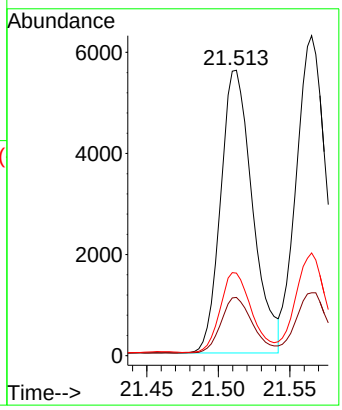


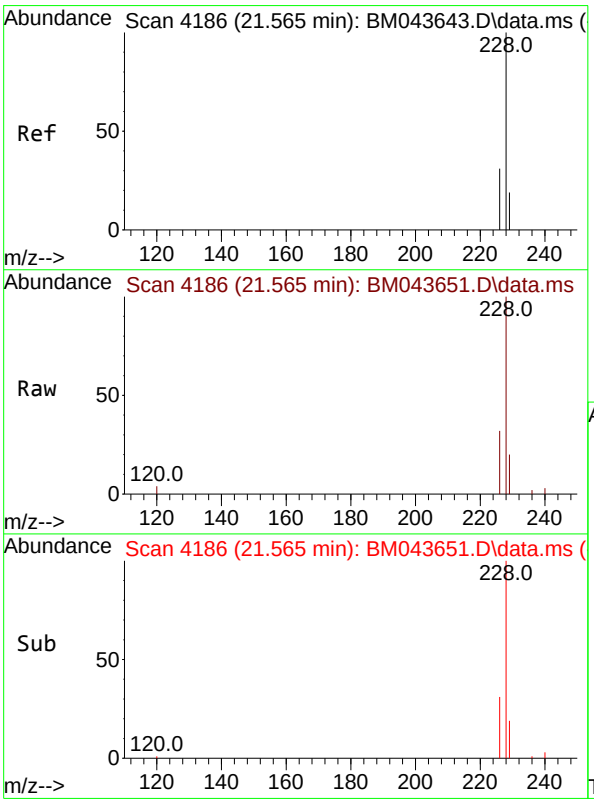
#21
Benzo(a)anthracene
Concen: 0.286 ng/ul
RT: 21.513 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Instrument :
BNA_M
ClientSampleId :
SLCS092

Tgt Ion:228 Resp: 8695

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.5	23.3
226	28.9	22.6	34.0

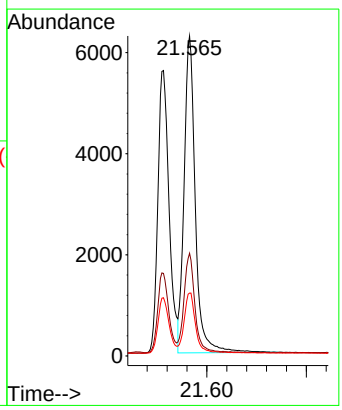


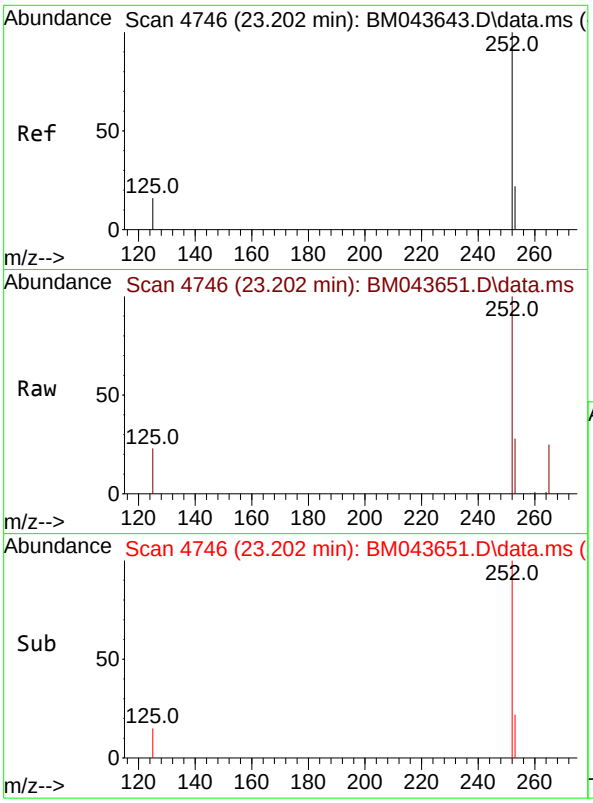


#22
Chrysene
Concen: 0.307 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. 0.000 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Tgt Ion:228 Resp: 9843

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.8	37.2
229	19.7	15.7	23.5



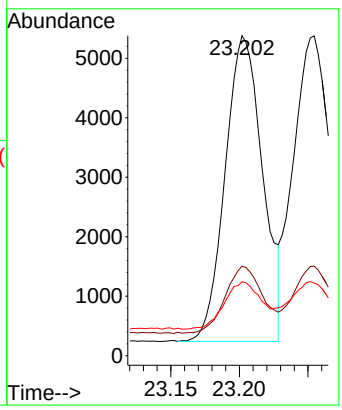


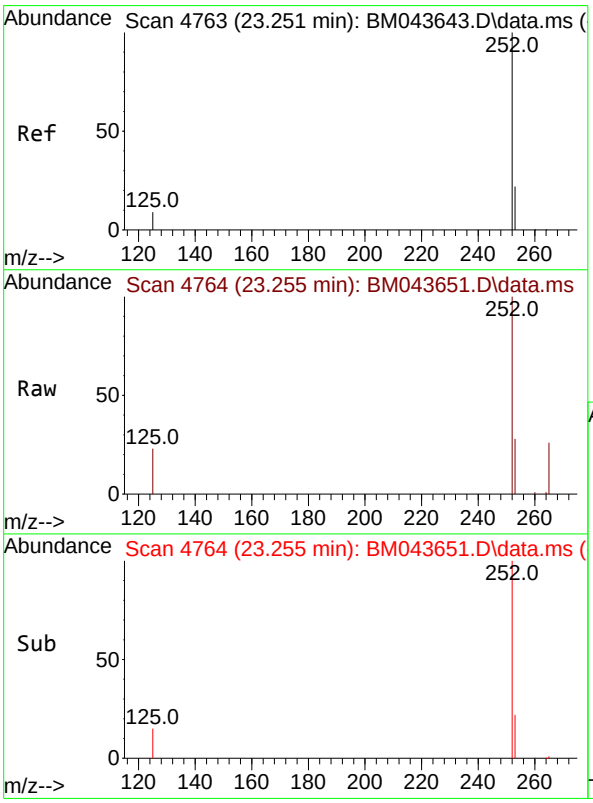
#24
Benzo(b)fluoranthene
Concen: 0.277 ng/ul
RT: 23.202 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Instrument :
BNA_M
ClientSampleId :
SLCS092

Tgt Ion:252 Resp: 9781

Ion	Ratio	Lower	Upper
252	100		
253	28.0	0.0	48.8
125	23.1	0.0	29.2

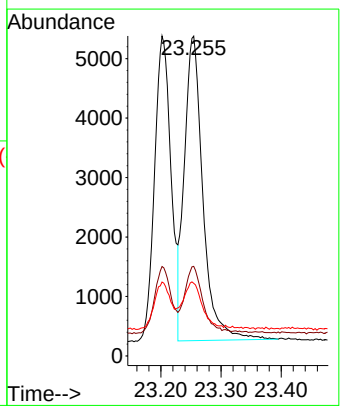


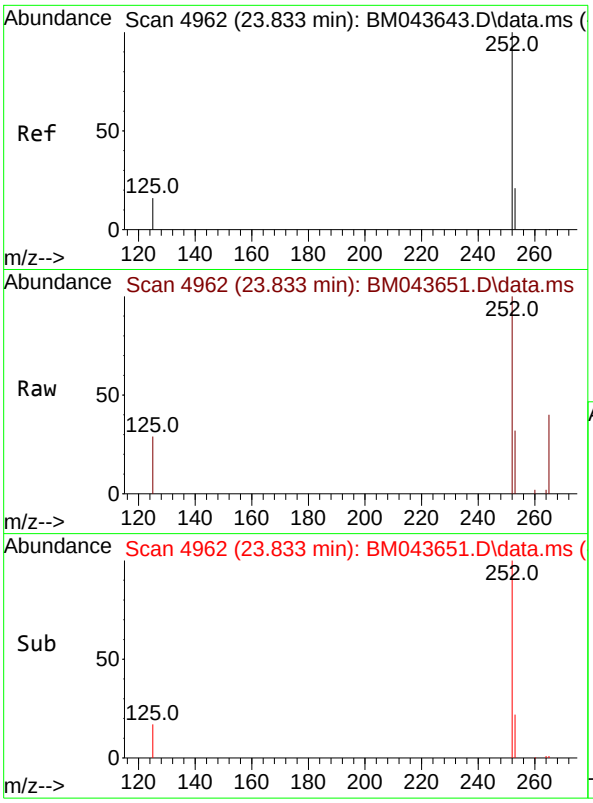


#25
Benzo(k)fluoranthene
Concen: 0.300 ng/ul
RT: 23.255 min Scan# 4764
Delta R.T. 0.000 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Tgt Ion:252 Resp: 10962

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.6	28.0#
125	22.7	11.8	17.8#



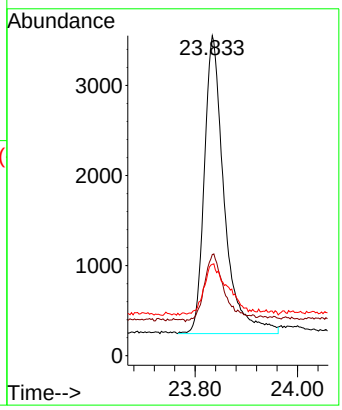


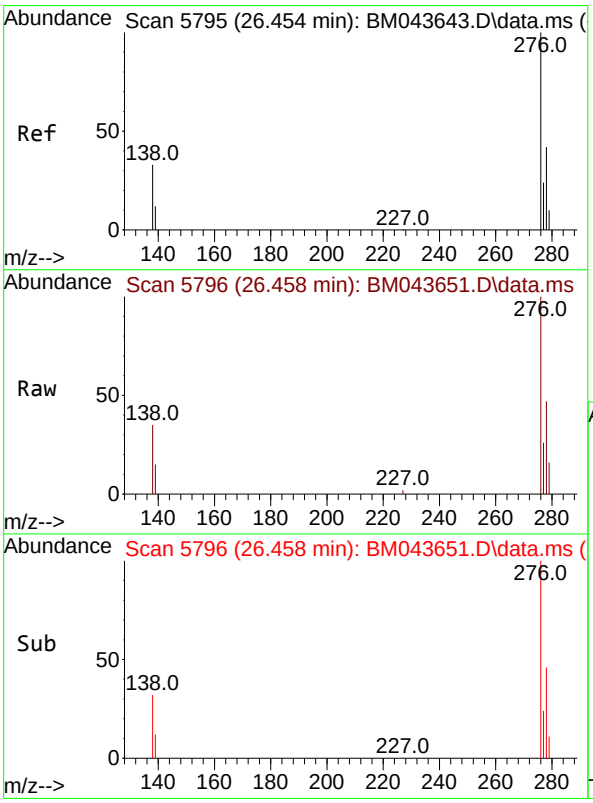
#26
Benzo(a)pyrene
Concen: 0.307 ng/ul
RT: 23.833 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Instrument :
BNA_M
ClientSampleId :
SLCS092

Tgt Ion:252 Resp: 8933

Ion	Ratio	Lower	Upper
252	100		
253	31.6	20.2	30.2#
125	28.6	13.5	20.3#

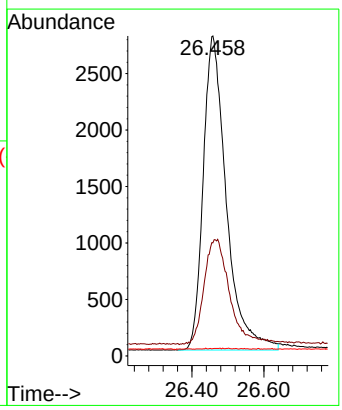


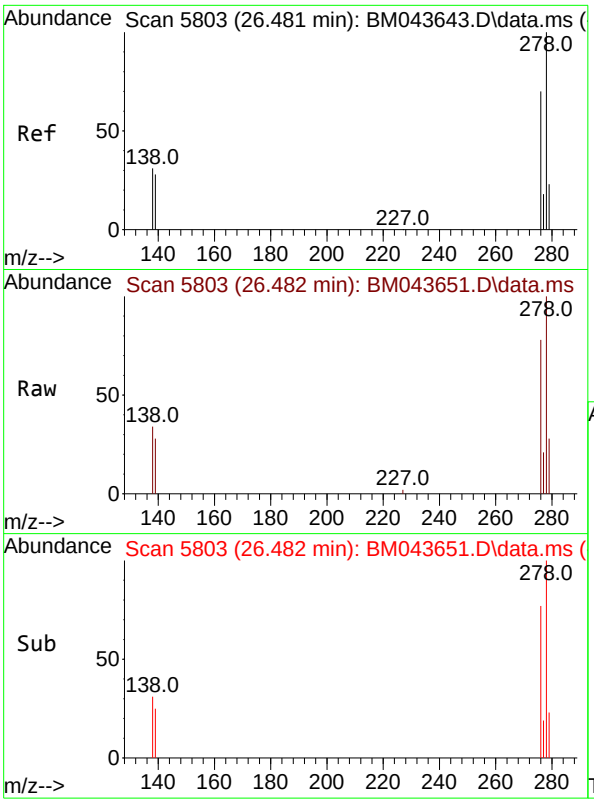


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng/ul
RT: 26.458 min Scan# 5796
Delta R.T. 0.000 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Tgt Ion:276 Resp: 12336

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



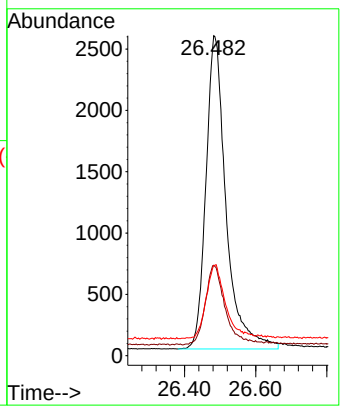


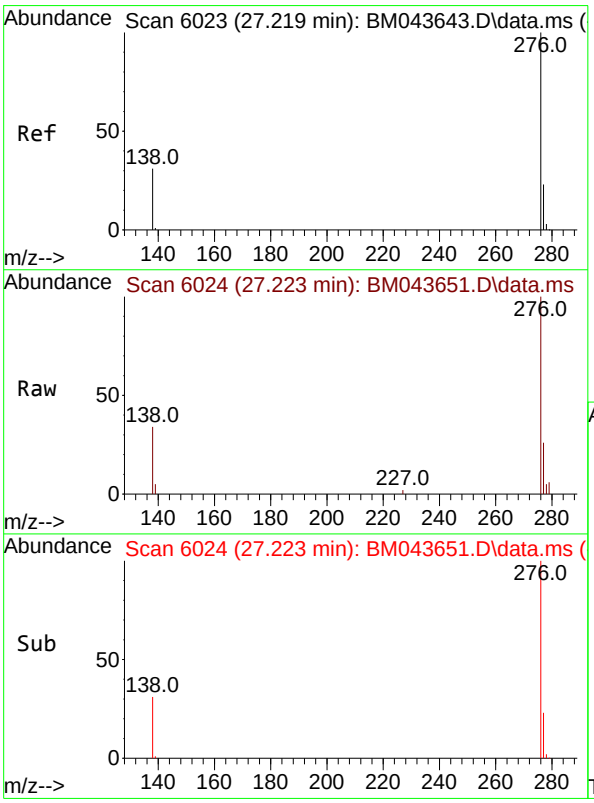
#28
Dibenzo(a,h)anthracene
Concen: 0.382 ng/ul
RT: 26.482 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Instrument :
BNA_M
ClientSampleId :
SLCS092

Tgt Ion:278 Resp: 10033

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





#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 27.223 min Scan# 6024
Delta R.T. 0.000 min
Lab File: BM043651.D
Acq: 28 Dec 2023 22:39

Tgt Ion:276 Resp: 10610

Ion	Ratio	Lower	Upper
276	100		
138	34.4	23.1	34.7
277	25.5	19.4	29.0