Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122823\
Data File : BM043652.D
Acq On : 28 Dec 2023 23:15
Operator : MA/JU
Sample : PB158094BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS094

Quant Time: Dec 29 00:43:08 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	4169	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	11858	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.601	164	4642	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	9302	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.527	240	5990	0.400	ng/ul	# 0.00
23) Perylene-d12	23.942	264	6574	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	3674	0.697	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	4694	0.279	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	6475	0.303	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	11662	2.208	ng/ul#	81
5) Naphthalene	10.823	128	10973	0.308	ng/ul	98
7) 2-Methylnaphthalene	12.440	142	6133	0.267	ng/ul	97
8) 1-Methylnaphthalene	12.654	142	5861	0.254	ng/ul	99
10) Acenaphthylene	14.324	152	8152	0.319	ng/ul	98
11) Acenaphthene	14.666	153	5970	0.321	ng/ul	99
12) Fluorene	15.656	166	6555	0.311	ng/ul	99
14) Pentachlorophenol	16.999	266	1462	0.709	ng/ul	96
15) Phenanthrene	17.392	178	10014	0.323	ng/ul	98
16) Anthracene	17.485	178	9362	0.332	ng/ul	98
19) Fluoranthene	19.403	202	10135	0.300	ng/ul#	90
20) Pyrene	19.761	202	10383	0.310	ng/ul#	90
21) Benzo(a)anthracene	21.513	228	8211	0.312	ng/ul	99
22) Chrysene	21.565	228	9633	0.347	ng/ul	99
24) Benzo(b)fluoranthene	23.202	252	9343	0.313	ng/ul	87
25) Benzo(k)fluoranthene	23.252	252	10516	0.340	ng/ul#	87
26) Benzo(a)pyrene	23.833	252	8514	0.346	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.458	276	11611	0.414	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.489	278	9311	0.419	ng/ul#	90
29) Benzo(g,h,i)perylene	27.216	276	10028	0.419	ng/ul#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122823\
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BNA_M
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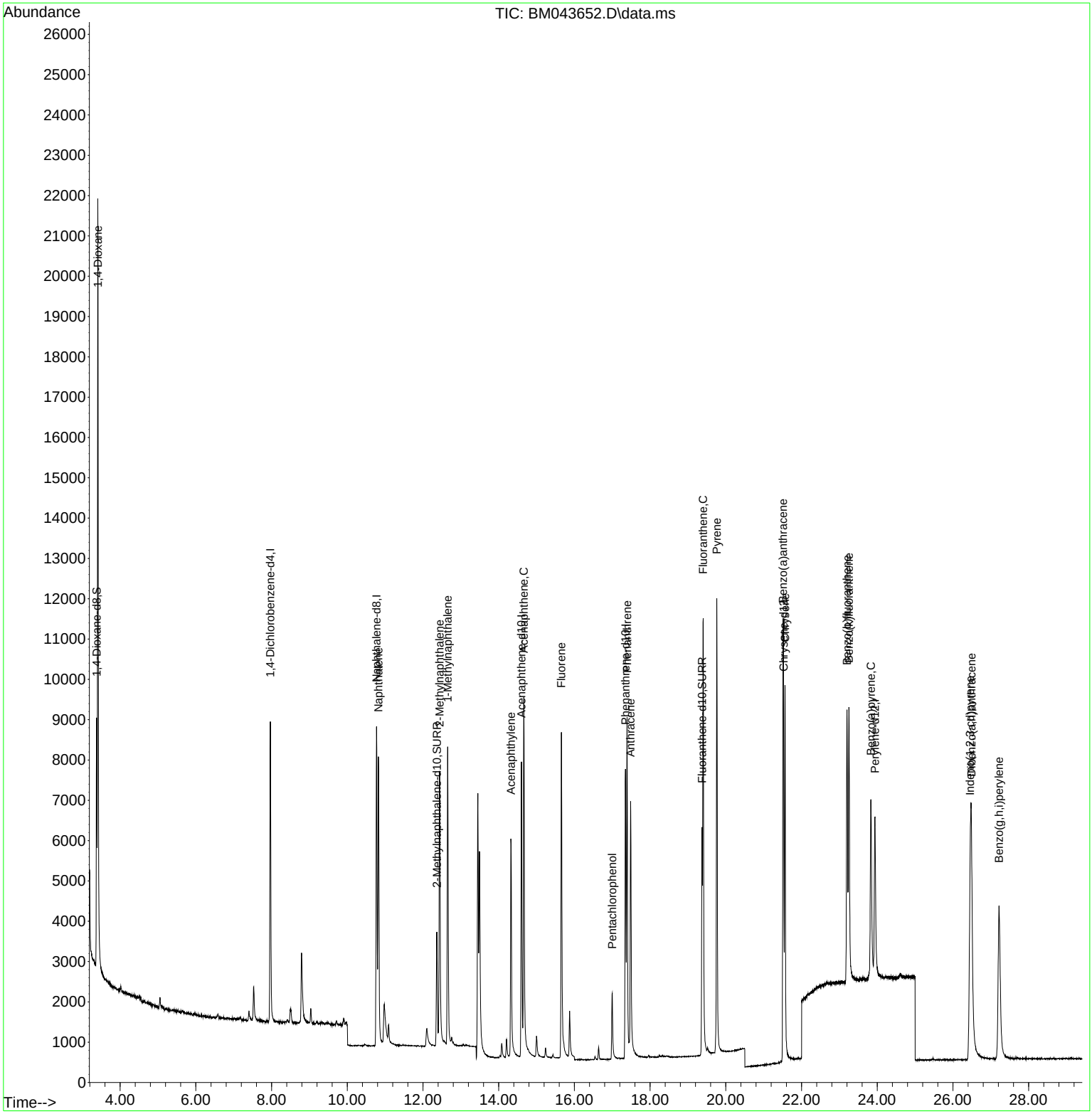
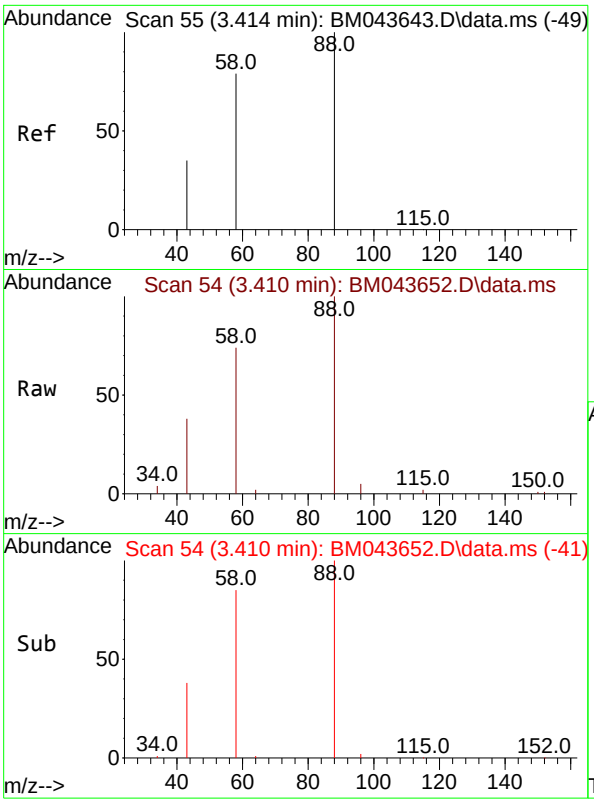
Quant Time: Dec 29 00:43:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 22:58:31 2023
Response via : Initial Calibration



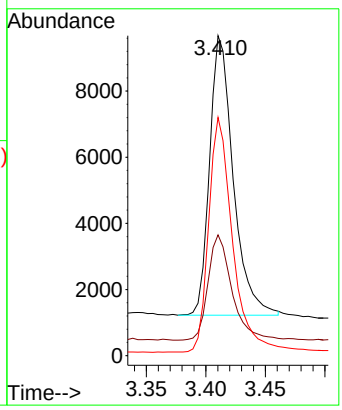


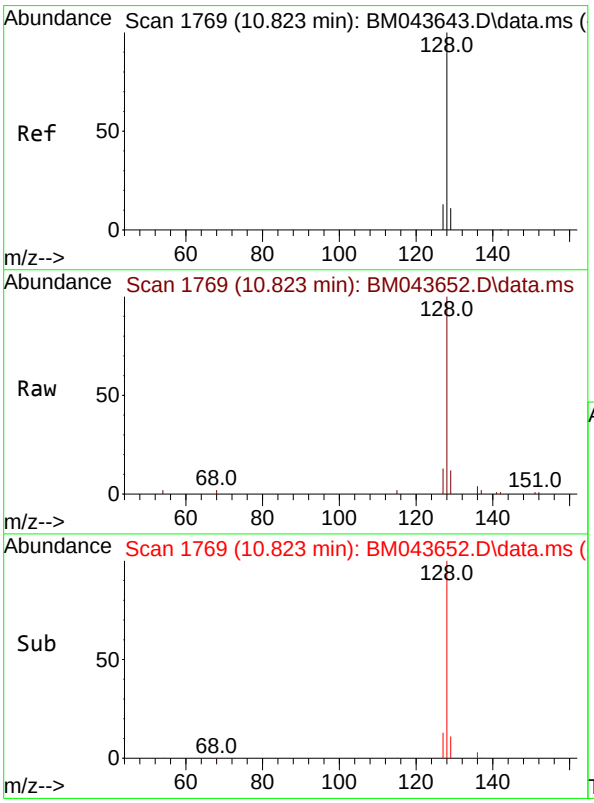
#2
1,4-Dioxane
Concen: 2.208 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.004 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Instrument :
BNA_M
ClientSampleId :
SLCS094

Tgt Ion: 88 Resp: 11662

Ion	Ratio	Lower	Upper
88	100		
43	37.8	27.9	41.9
58	74.4	43.4	65.2#

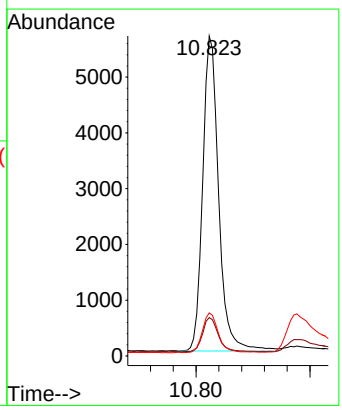


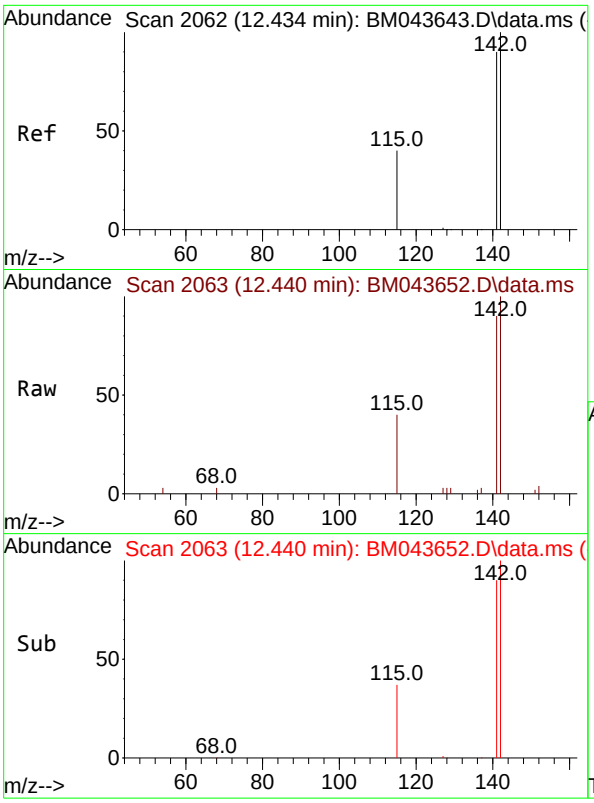


#5
Naphthalene
Concen: 0.308 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. -0.005 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Tgt Ion:128 Resp: 10973

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.4
127	13.5	10.3	15.5



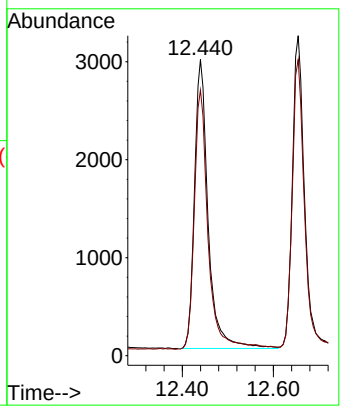


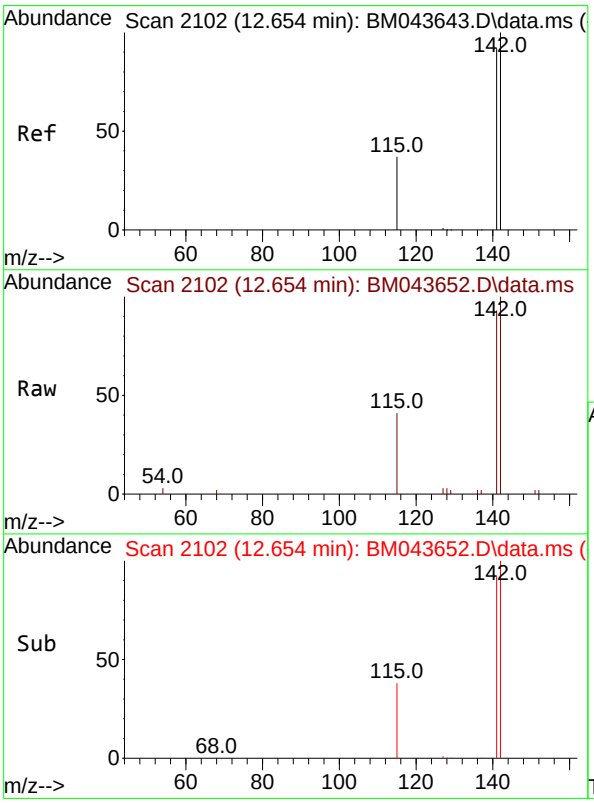
#7
2-Methylnaphthalene
Concen: 0.267 ng/ul
RT: 12.440 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Instrument :
BNA_M
ClientSampleId :
SLCS094

Tgt Ion:142 Resp: 6133

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.9	106.3

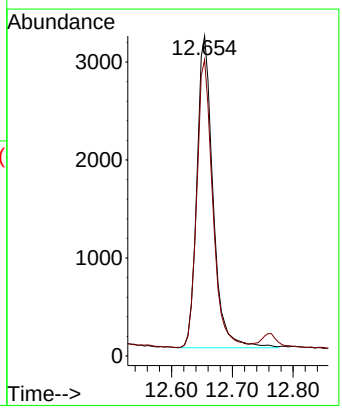


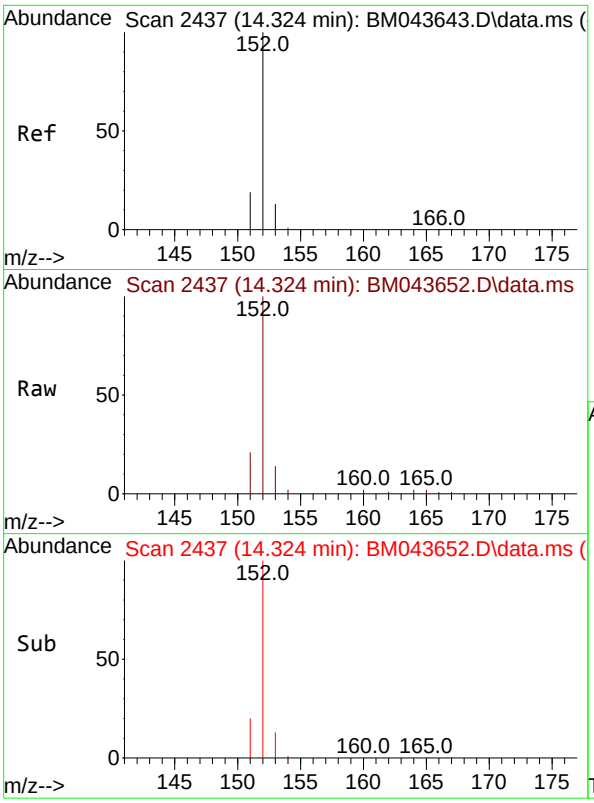


#8
1-Methylnaphthalene
Concen: 0.254 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Tgt Ion:142 Resp: 5861

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.7	110.5



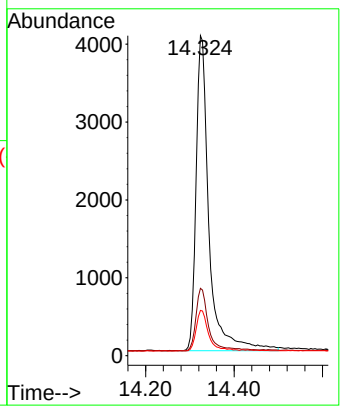


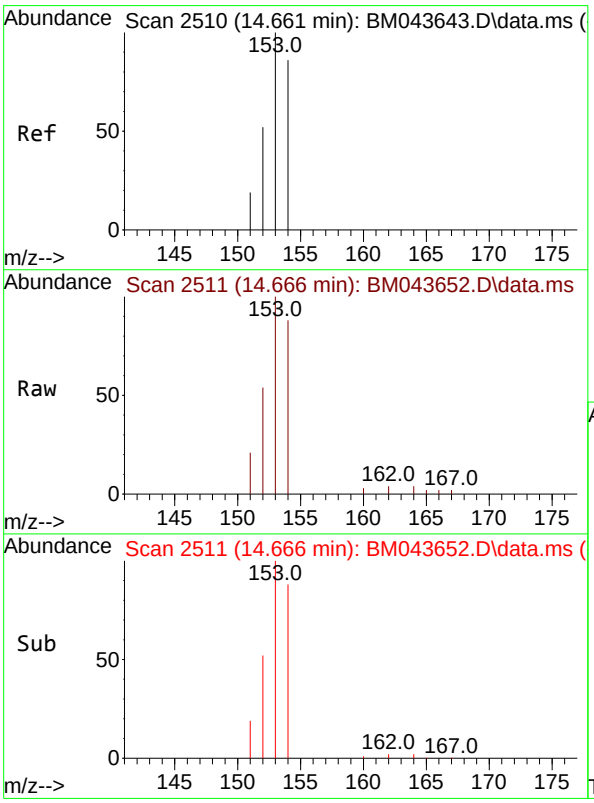
#10
Acenaphthylene
Concen: 0.319 ng/ul
RT: 14.324 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Instrument :
BNA_M
ClientSampleId :
SLCS094

Tgt Ion:152 Resp: 8152

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.2
153	14.2	10.4	15.6

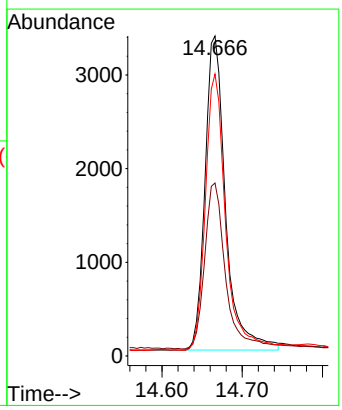


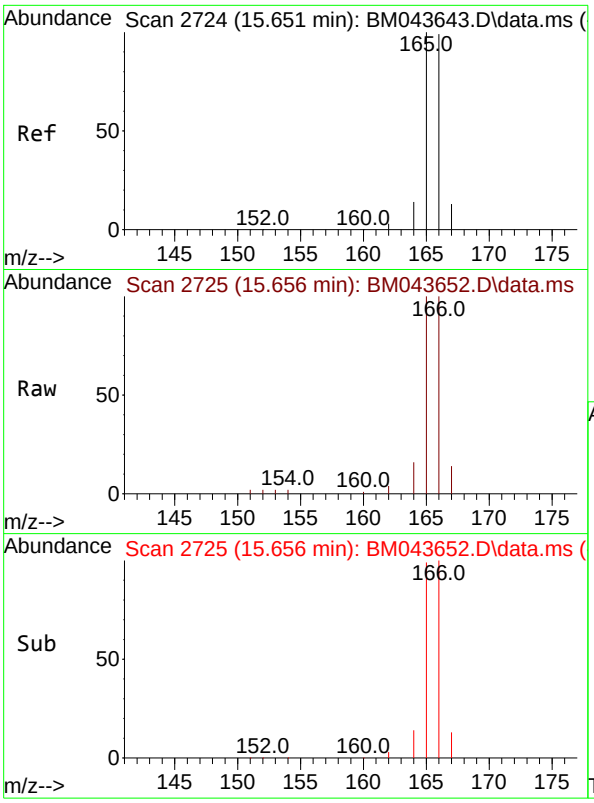


#11
Acenaphthene
Concen: 0.321 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Tgt Ion:153 Resp: 5970

Ion	Ratio	Lower	Upper
153	100		
152	54.1	42.1	63.1
154	88.1	71.3	106.9



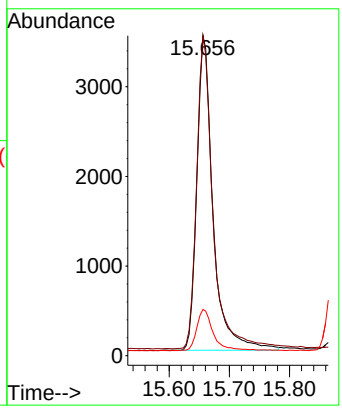


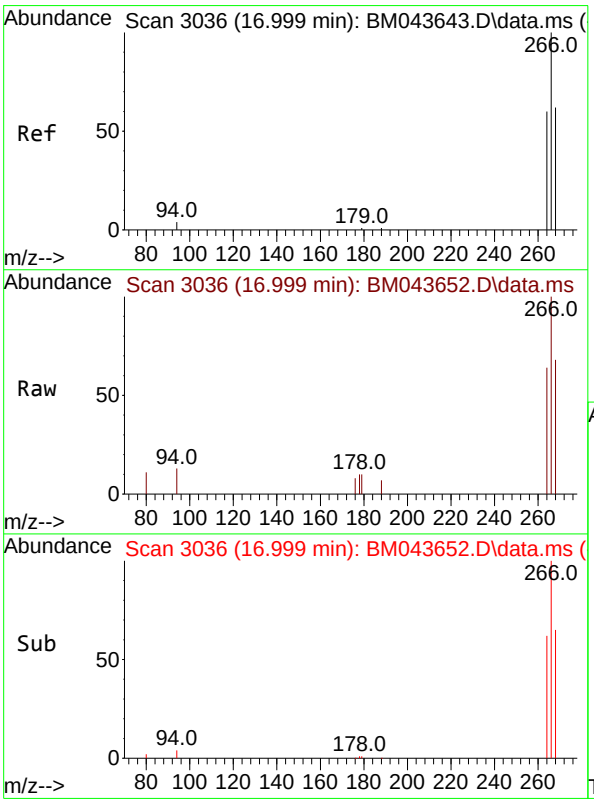
#12
Fluorene
Concen: 0.311 ng/ul
RT: 15.656 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Instrument :
BNA_M
ClientSampleId :
SLCS094

Tgt Ion:166 Resp: 6555

Ion	Ratio	Lower	Upper
166	100		
165	99.9	80.3	120.5
167	14.5	10.8	16.2

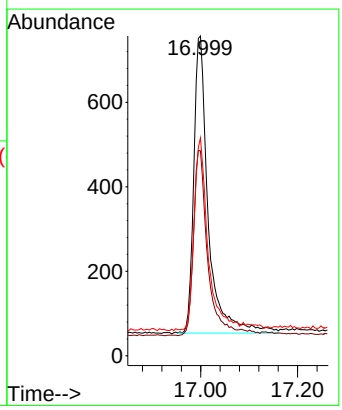


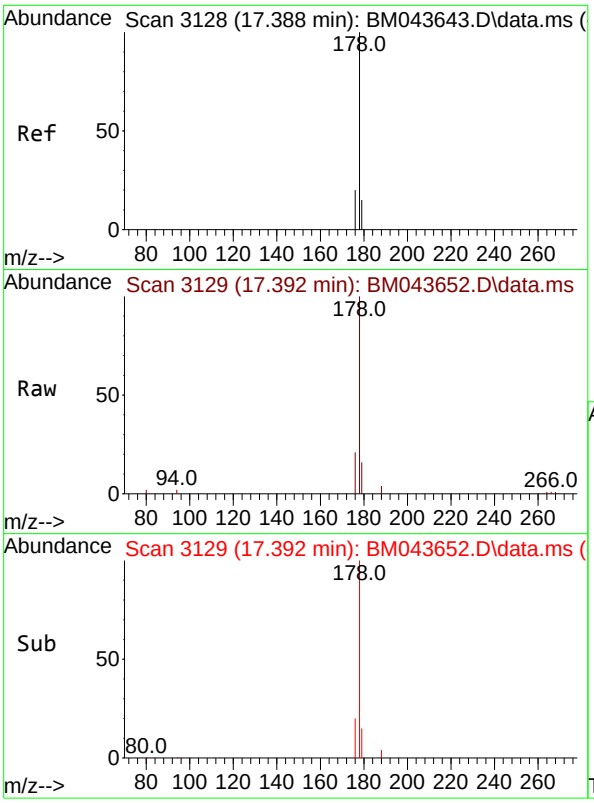


#14
Pentachlorophenol
Concen: 0.709 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. -0.004 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Tgt Ion:266 Resp: 1462

Ion	Ratio	Lower	Upper
266	100		
264	61.7	51.7	77.5
268	61.1	51.9	77.9



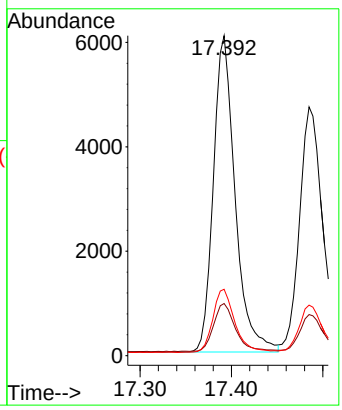


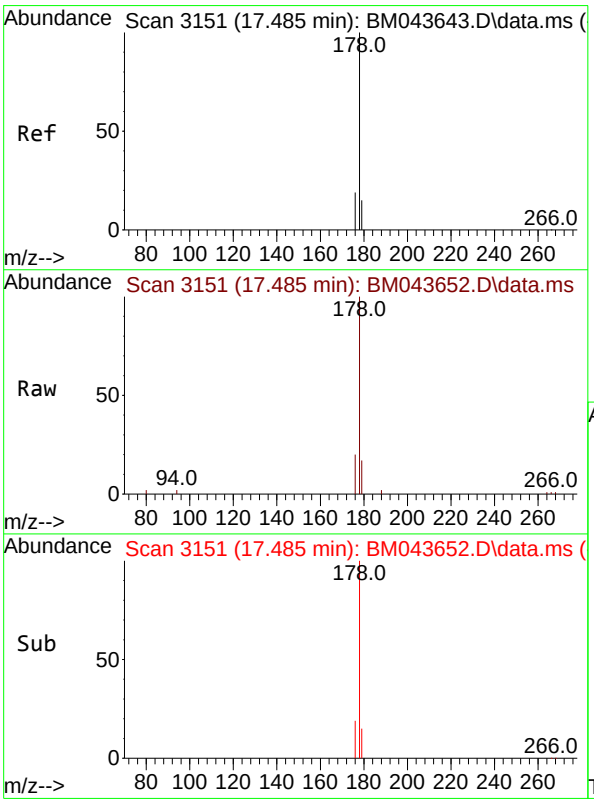
#15
Phenanthrene
Concen: 0.323 ng/ul
RT: 17.392 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Instrument :
BNA_M
ClientSampleId :
SLCS094

Tgt Ion:178 Resp: 10014

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

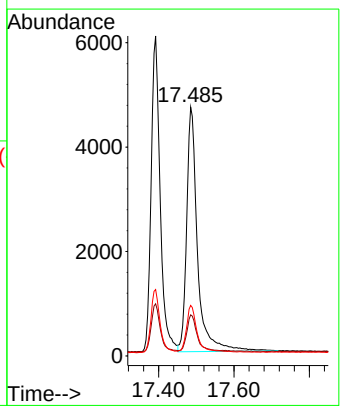


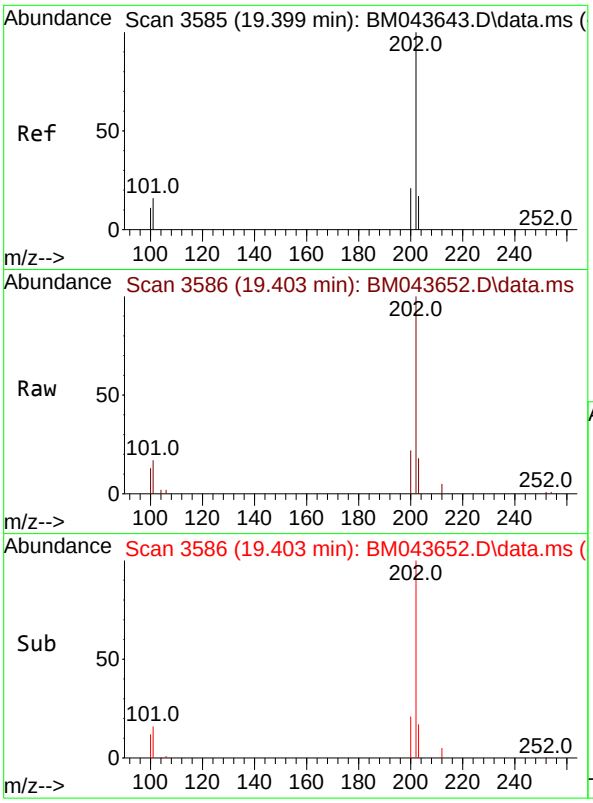


#16
Anthracene
Concen: 0.332 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Tgt Ion:178 Resp: 9362

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.6	18.8
176	20.3	15.6	23.4



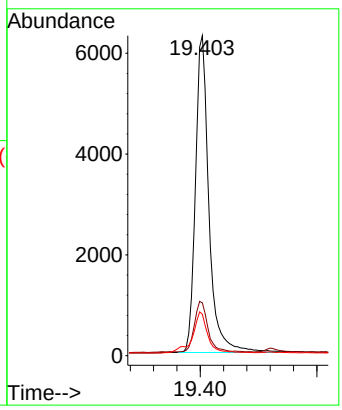


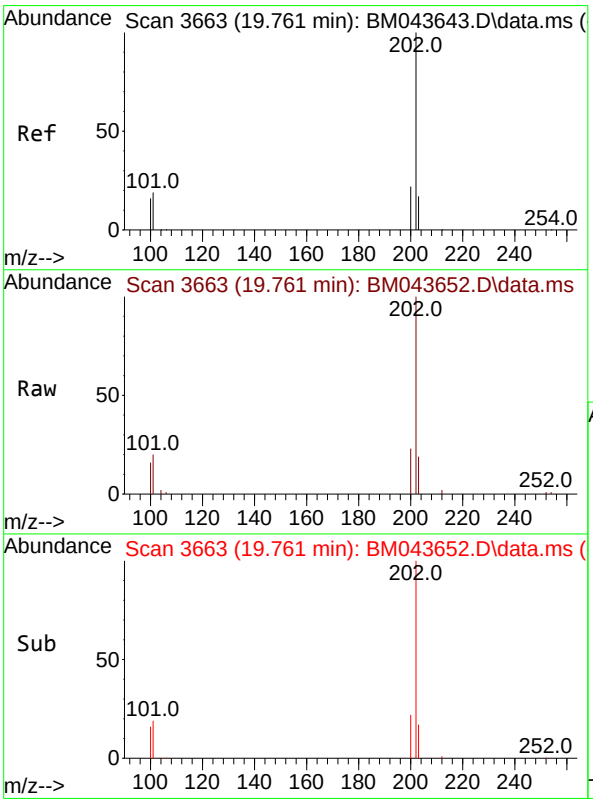
#19
Fluoranthene
Concen: 0.300 ng/ul
RT: 19.403 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Instrument :
BNA_M
ClientSampleId :
SLCS094

Tgt Ion:202 Resp: 10135

Ion	Ratio	Lower	Upper
202	100		
101	16.5	10.1	15.1#
100	13.0	7.4	11.2#

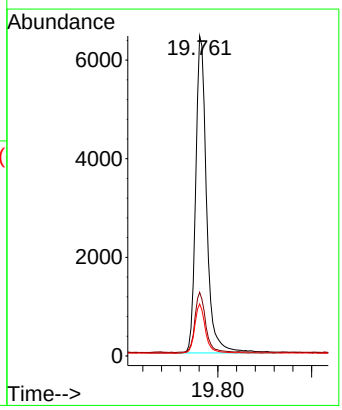


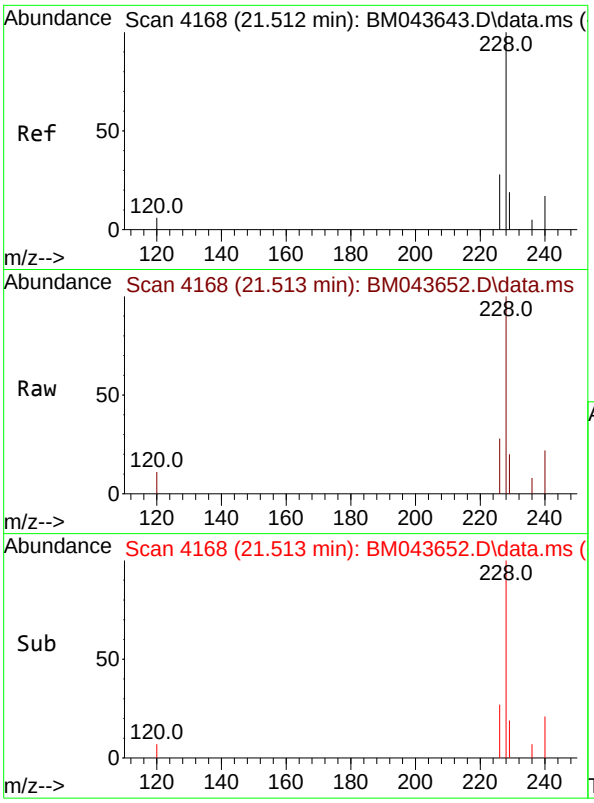


#20
Pyrene
Concen: 0.310 ng/ul
RT: 19.761 min Scan# 3663
Delta R.T. -0.005 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Tgt Ion:202 Resp: 10383

Ion	Ratio	Lower	Upper
202	100		
101	19.9	12.7	19.1#
100	16.3	9.8	14.8#



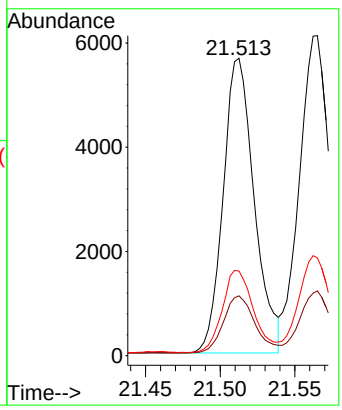


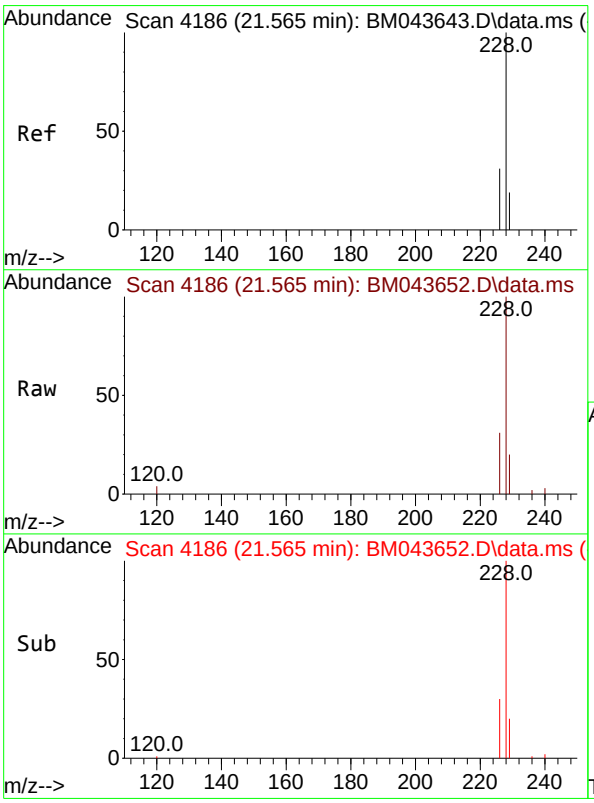
#21
Benzo(a)anthracene
Concen: 0.312 ng/ul
RT: 21.513 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Instrument :
BNA_M
ClientSampleId :
SLCS094

Tgt Ion:228 Resp: 8211

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.5	23.3
226	28.5	22.6	34.0

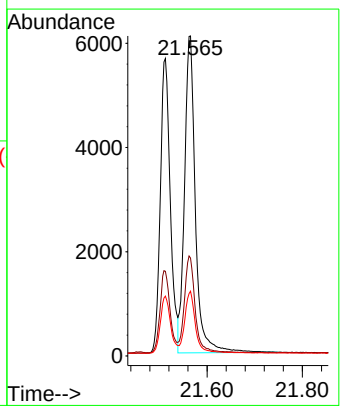


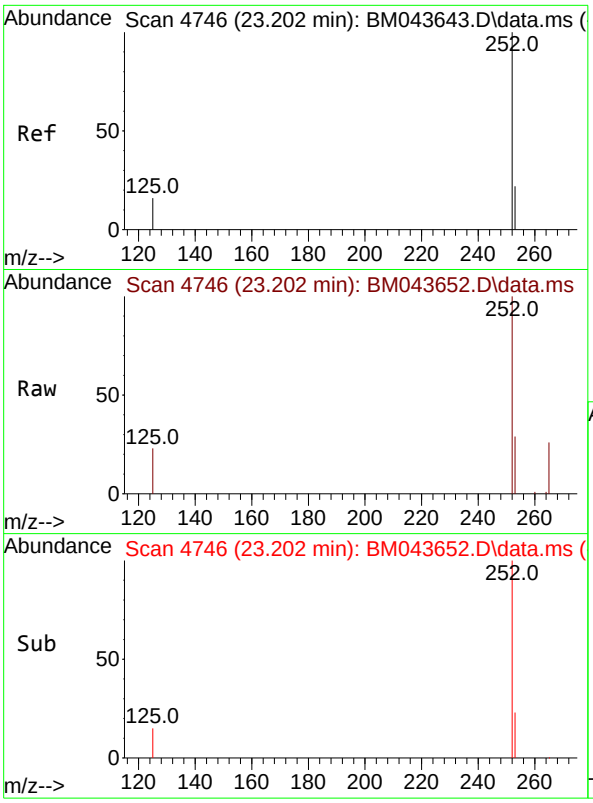


#22
Chrysene
Concen: 0.347 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. 0.000 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Tgt Ion:228 Resp: 9633

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	20.3	15.7	23.5



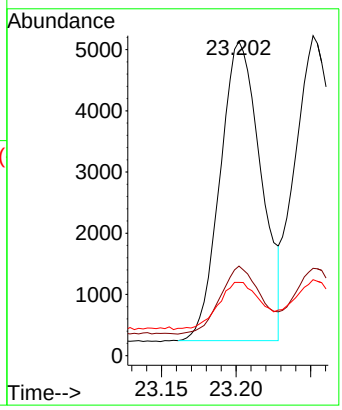


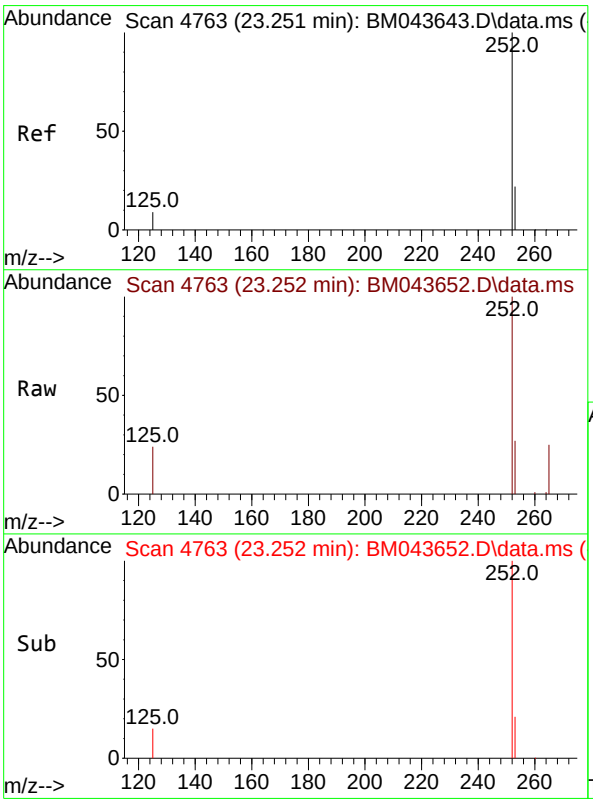
#24
Benzo(b)fluoranthene
Concen: 0.313 ng/ul
RT: 23.202 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Instrument :
BNA_M
ClientSampleId :
SLCS094

Tgt Ion:252 Resp: 9343

Ion	Ratio	Lower	Upper
252	100		
253	28.5	0.0	48.8
125	23.3	0.0	29.2

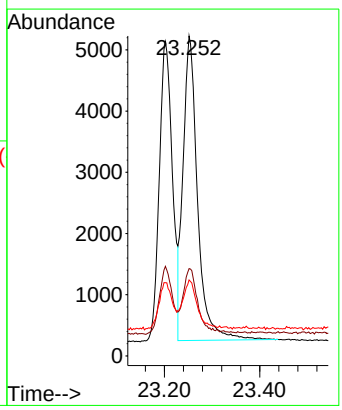


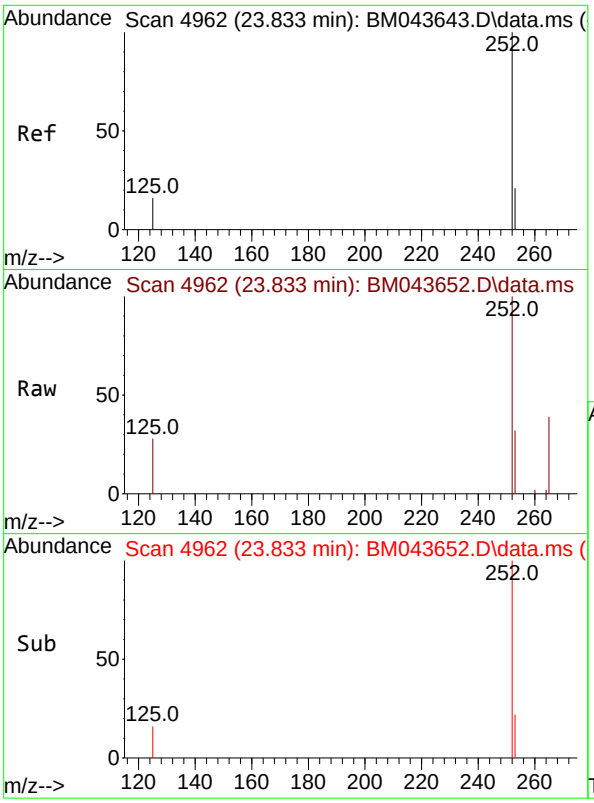


#25
Benzo(k)fluoranthene
Concen: 0.340 ng/ul
RT: 23.252 min Scan# 4763
Delta R.T. -0.003 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Tgt Ion:252 Resp: 10516

Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.6	28.0
125	23.7	11.8	17.8#



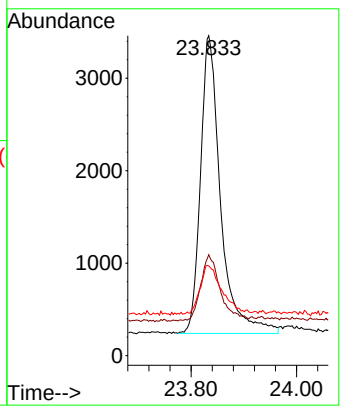


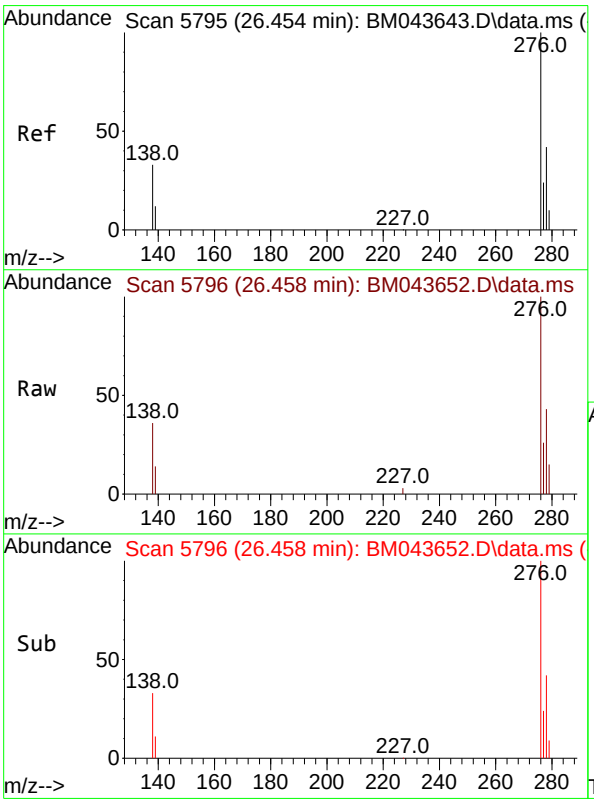
#26
Benzo(a)pyrene
Concen: 0.346 ng/ul
RT: 23.833 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Instrument :
BNA_M
ClientSampleId :
SLCS094

Tgt Ion:252 Resp: 8514

Ion	Ratio	Lower	Upper
252	100		
253	31.5	20.2	30.2#
125	28.0	13.5	20.3#

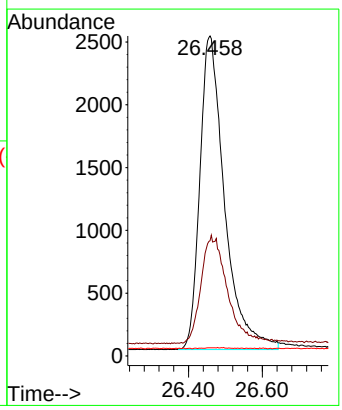


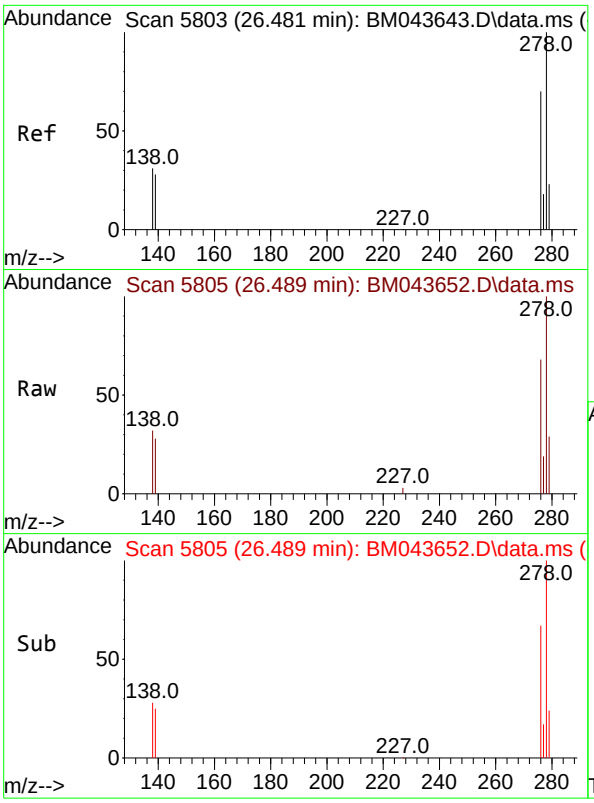


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 26.458 min Scan# 5796
Delta R.T. 0.000 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Tgt Ion:276 Resp: 11611

Ion	Ratio	Lower	Upper
276	100		
138	36.3	24.6	36.8
227	0.0	0.0	0.0



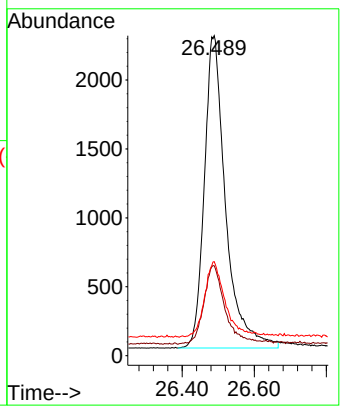


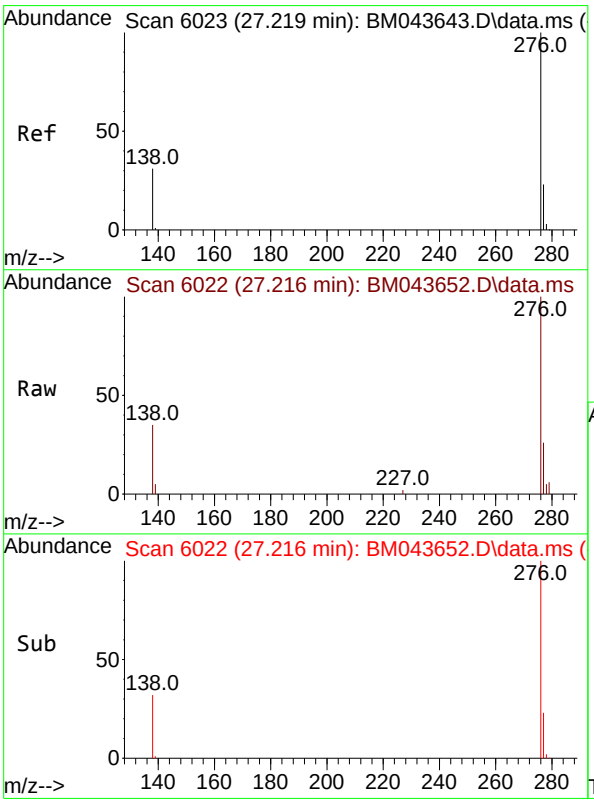
#28
Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 26.489 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Instrument :
BNA_M
ClientSampleId :
SLCS094

Tgt Ion:278 Resp: 9311

Ion	Ratio	Lower	Upper
278	100		
139	28.1	17.4	26.2#
279	29.4	20.9	31.3





#29
Benzo(g,h,i)perylene
Concen: 0.419 ng/ul
RT: 27.216 min Scan# 6022
Delta R.T. -0.007 min
Lab File: BM043652.D
Acq: 28 Dec 2023 23:15

Tgt Ion:276 Resp: 10028

Ion	Ratio	Lower	Upper
276	100		
138	35.2	23.1	34.7#
277	25.6	19.4	29.0