Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043626.D
Acq On : 28 Dec 2023 02:13
Operator : MA/JU
Sample : PB158074BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS074

Quant Time: Dec 28 02:45:13 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	5571	0.400	ng/ul	0.00
4) Naphthalene-d8	10.773	136	16504	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.601	164	6815	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	12946	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.527	240	7575	0.400	ng/ul	# 0.00
23) Perylene-d12	23.941	264	8477	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	4425	0.629	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	6256	0.268	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	7834	0.289	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	13946	1.976	ng/ul#	82
5) Naphthalene	10.823	128	14151	0.285	ng/ul	98
7) 2-Methylnaphthalene	12.440	142	8114	0.253	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	7839	0.244	ng/ul	100
10) Acenaphthylene	14.328	152	10968	0.292	ng/ul	98
11) Acenaphthene	14.666	153	8074	0.296	ng/ul	98
12) Fluorene	15.656	166	8635	0.279	ng/ul	98
14) Pentachlorophenol	16.999	266	1733	0.604	ng/ul	97
15) Phenanthrene	17.392	178	12718	0.295	ng/ul	99
16) Anthracene	17.485	178	11717	0.299	ng/ul	98
19) Fluoranthene	19.403	202	12265	0.287	ng/ul#	90
20) Pyrene	19.766	202	12477	0.294	ng/ul#	93
21) Benzo(a)anthracene	21.512	228	9653	0.290	ng/ul	99
22) Chrysene	21.562	228	11116	0.317	ng/ul	99
24) Benzo(b)fluoranthene	23.205	252	10663	0.277	ng/ul	88
25) Benzo(k)fluoranthene	23.254	252	12382	0.310	ng/ul#	87
26) Benzo(a)pyrene	23.833	252	9746	0.307	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.454	276	13209	0.365	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.488	278	10808	0.377	ng/ul#	90
29) Benzo(g,h,i)perylene	27.219	276	11425	0.370	ng/ul	93

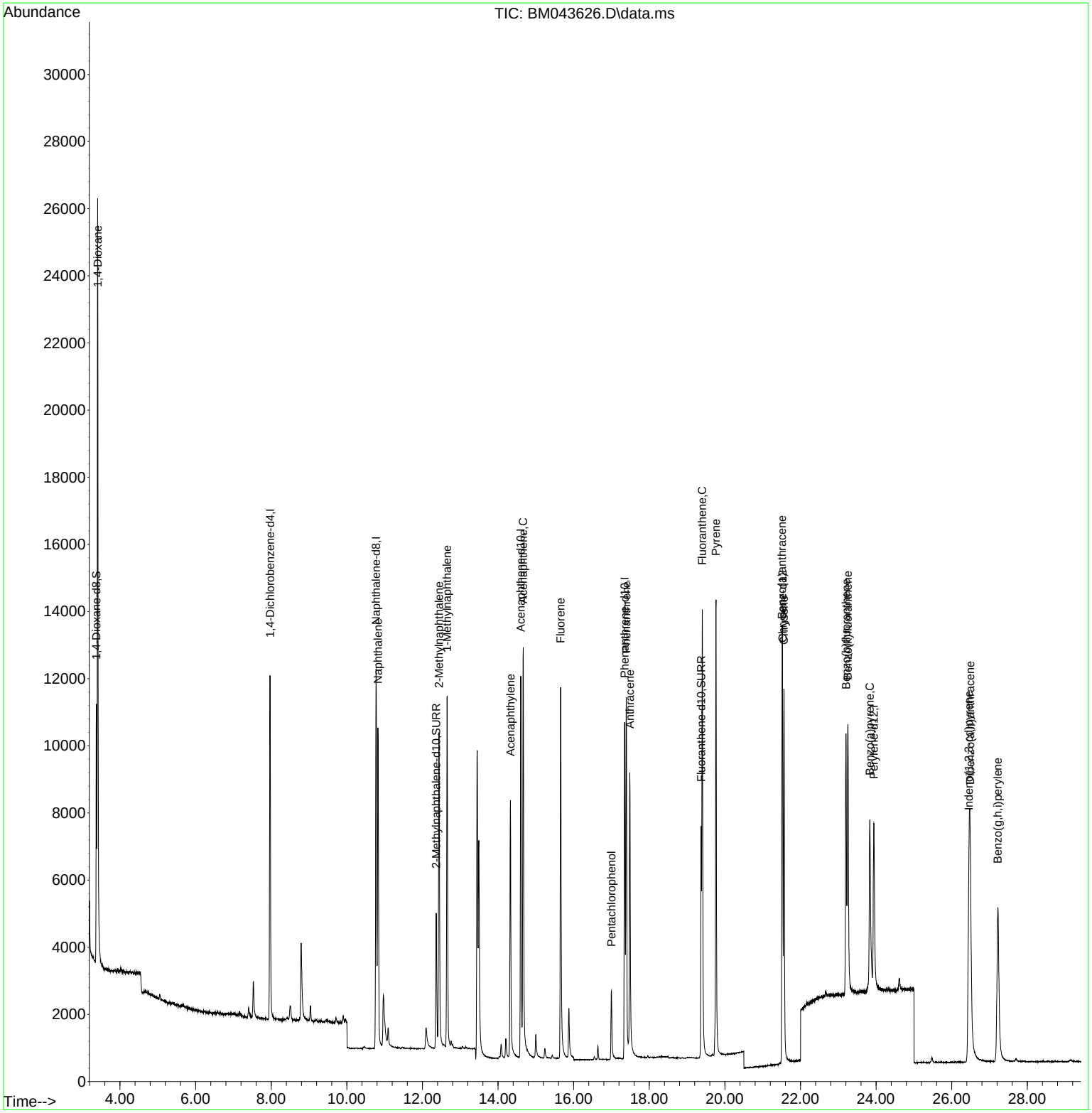
(#) = qualifier out of range (m) = manual integration (+) = signals summed

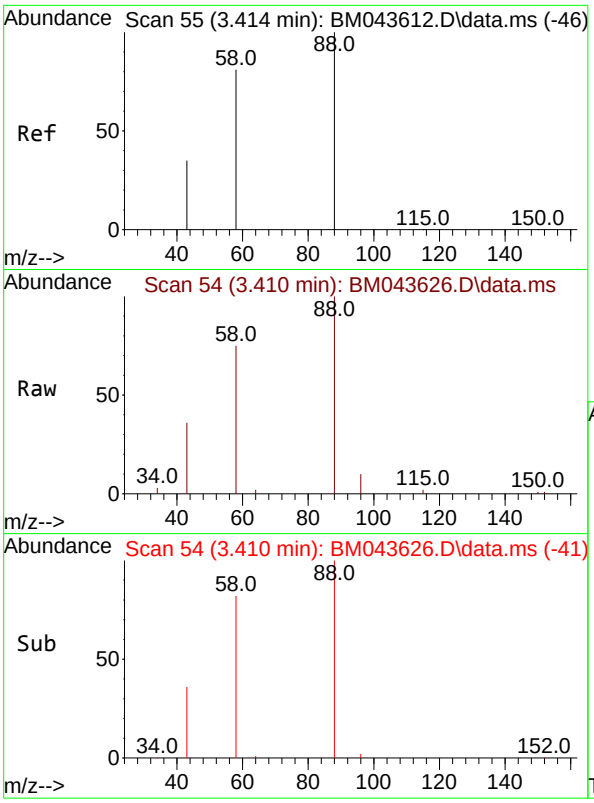
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043626.D
Acq On : 28 Dec 2023 02:13
Operator : MA/JU
Sample : PB158074BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS074

Quant Time: Dec 28 02:45:13 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



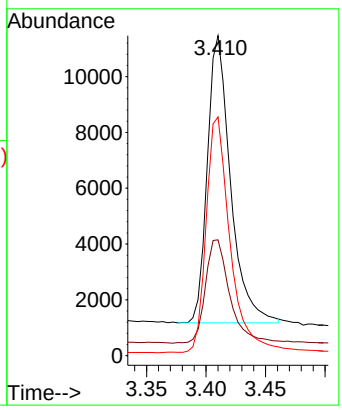


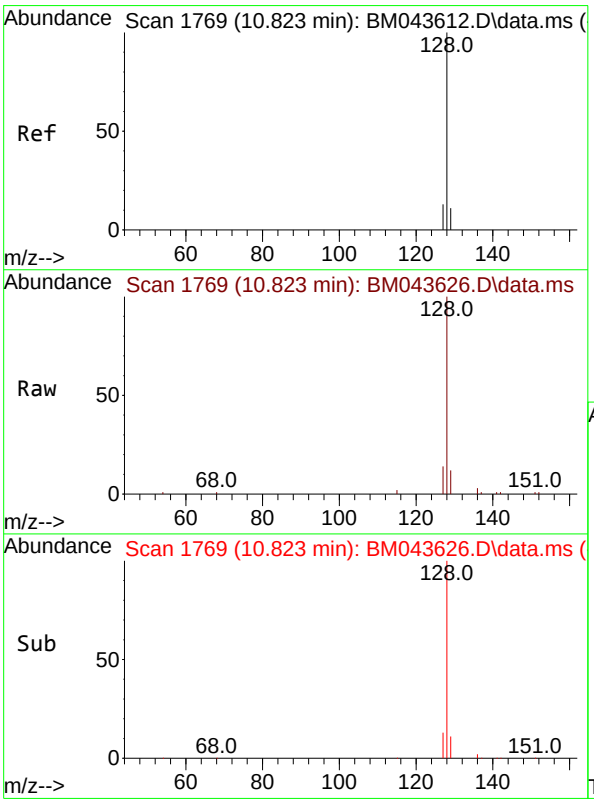
#2
1,4-Dioxane
Concen: 1.976 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.004 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS074

Tgt Ion: 88 Resp: 13946

Ion	Ratio	Lower	Upper
88	100		
43	36.2	27.9	41.9
58	74.6	43.4	65.2#

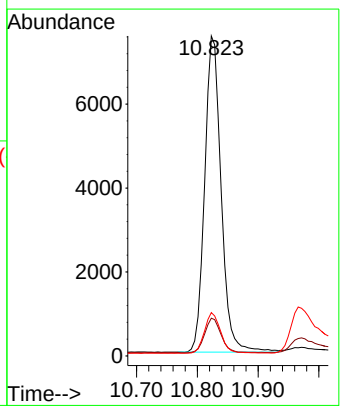


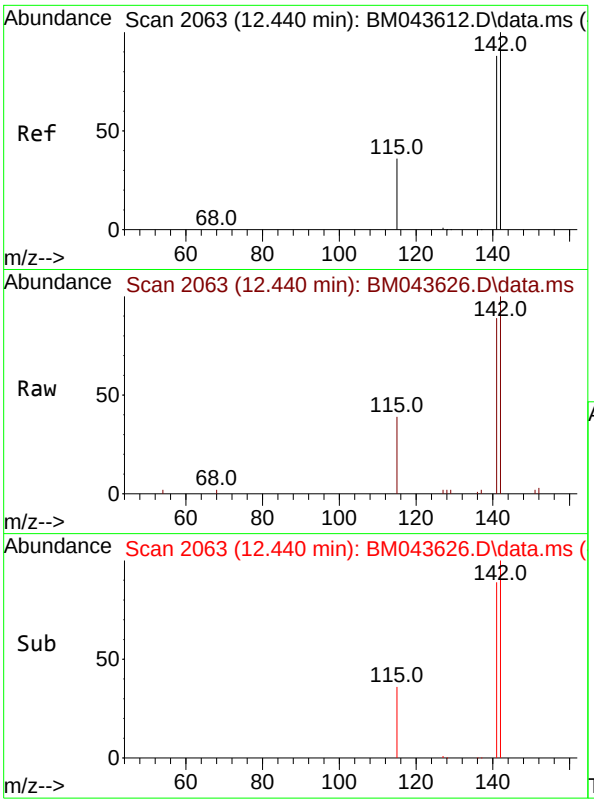


#5
Naphthalene
Concen: 0.285 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Tgt Ion:128 Resp: 14151

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.4
127	13.5	10.3	15.5



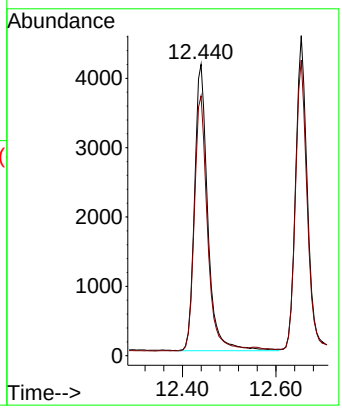


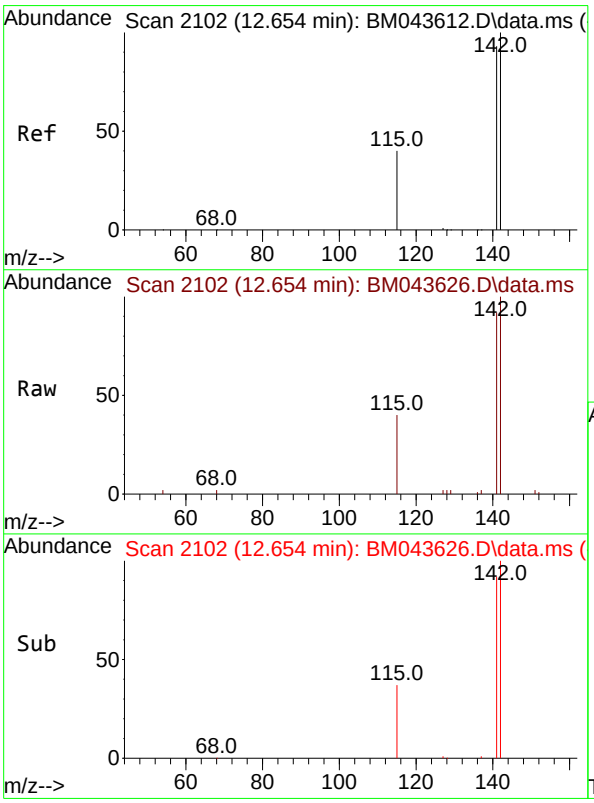
#7
2-Methylnaphthalene
Concen: 0.253 ng/ul
RT: 12.440 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS074

Tgt Ion:142 Resp: 8114

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3

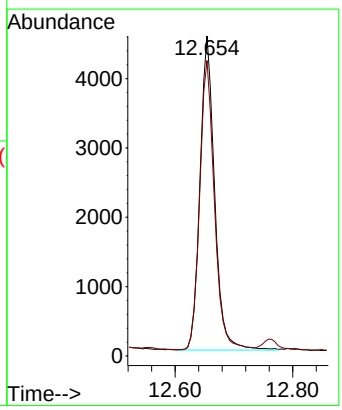


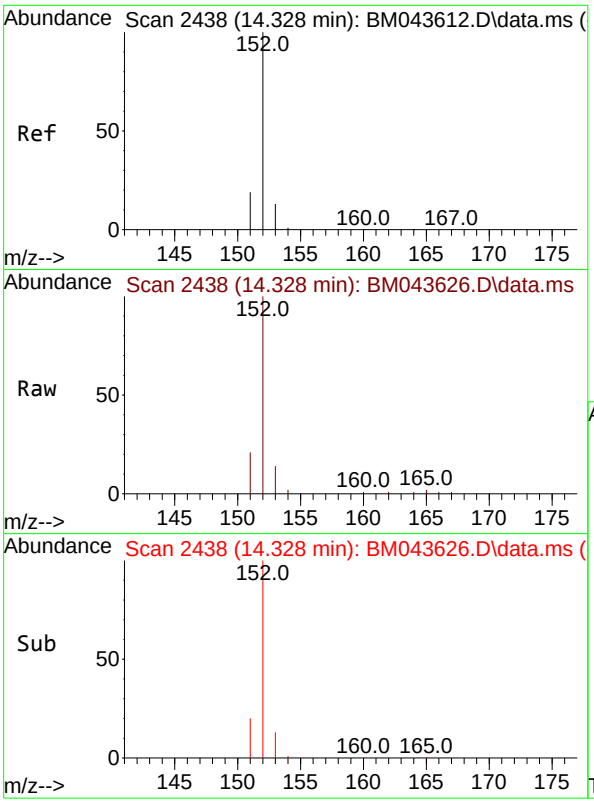


#8
1-Methylnaphthalene
Concen: 0.244 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Tgt Ion:142 Resp: 7839

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.7	110.5



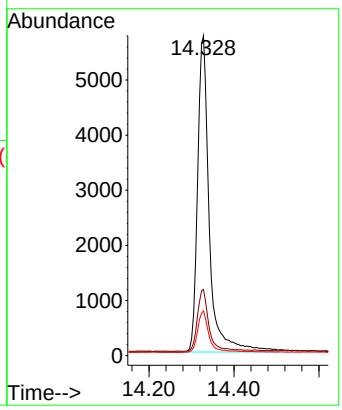


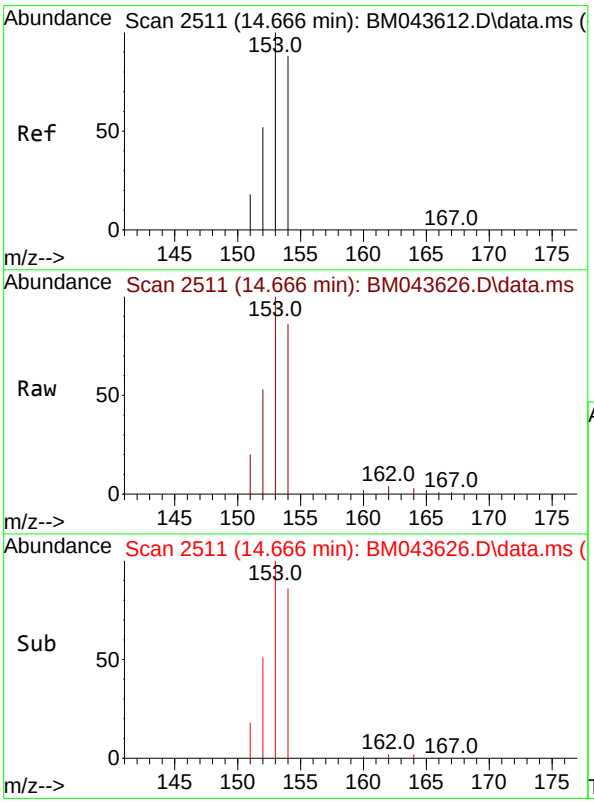
#10
Acenaphthylene
Concen: 0.292 ng/ul
RT: 14.328 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS074

Tgt Ion:152 Resp: 10968

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.2
153	14.0	10.4	15.6

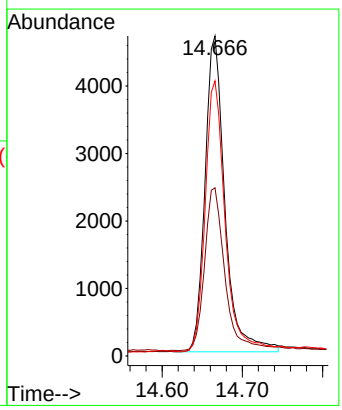


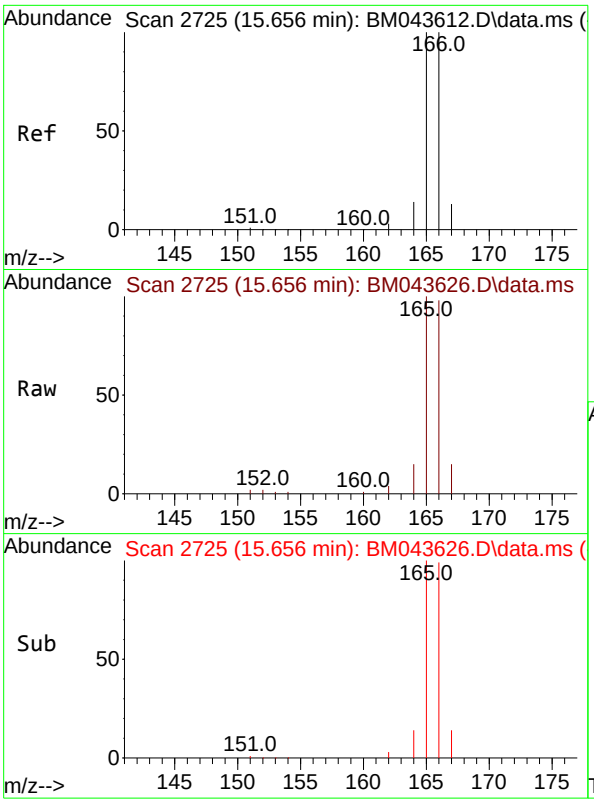


#11
Acenaphthene
Concen: 0.296 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. -0.000 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Tgt Ion:153 Resp: 8074

Ion	Ratio	Lower	Upper
153	100		
152	52.6	42.1	63.1
154	86.0	71.3	106.9



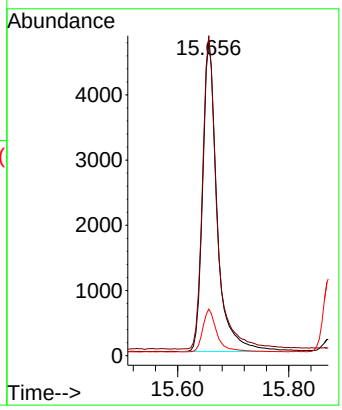


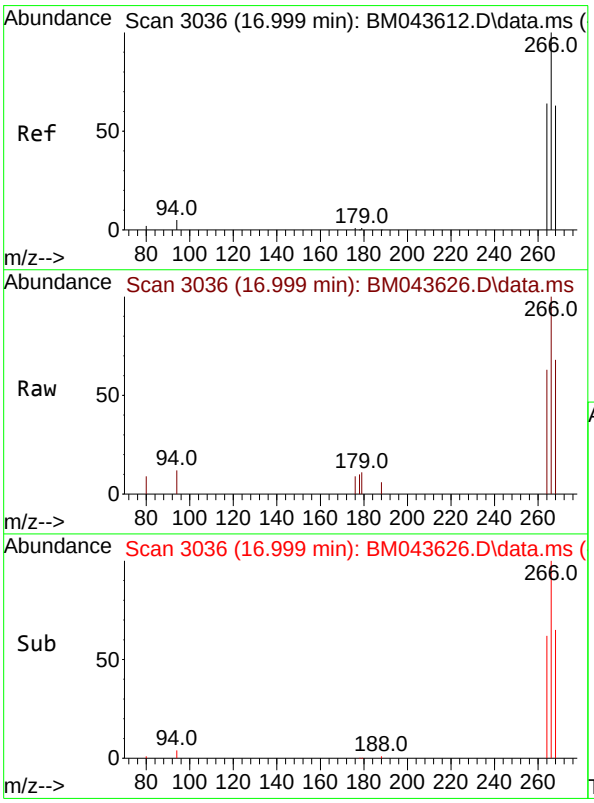
#12
Fluorene
Concen: 0.279 ng/ul
RT: 15.656 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS074

Tgt Ion:166 Resp: 8635

Ion	Ratio	Lower	Upper
166	100		
165	101.7	80.3	120.5
167	14.8	10.8	16.2

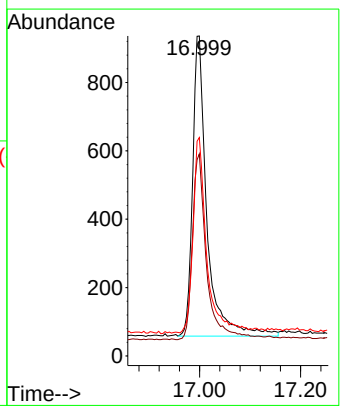


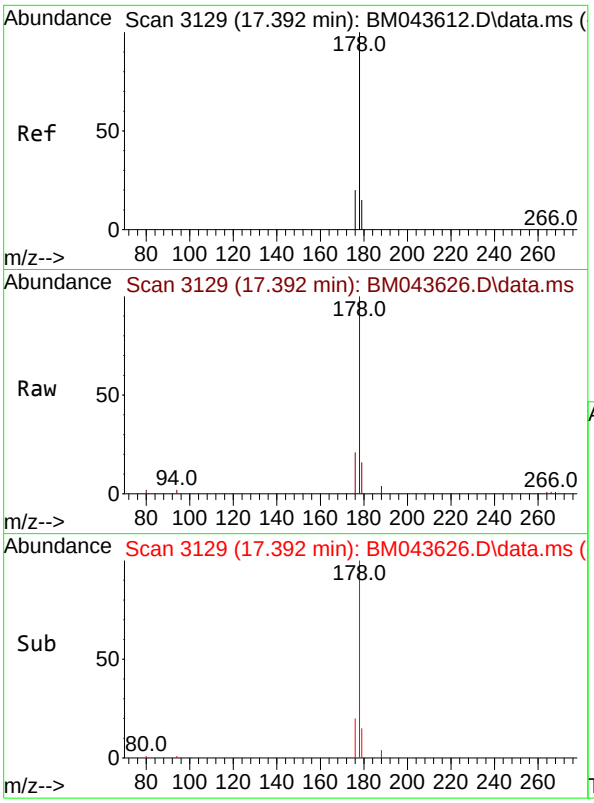


#14
Pentachlorophenol
Concen: 0.604 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. -0.004 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Tgt Ion:266 Resp: 1733

Ion	Ratio	Lower	Upper
266	100		
264	62.0	51.7	77.5
268	63.3	51.9	77.9



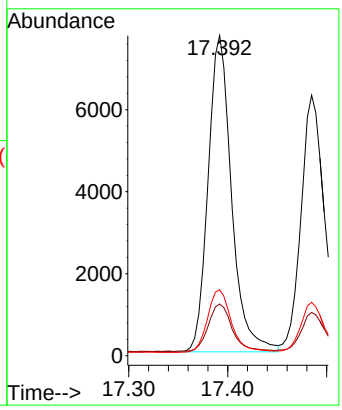


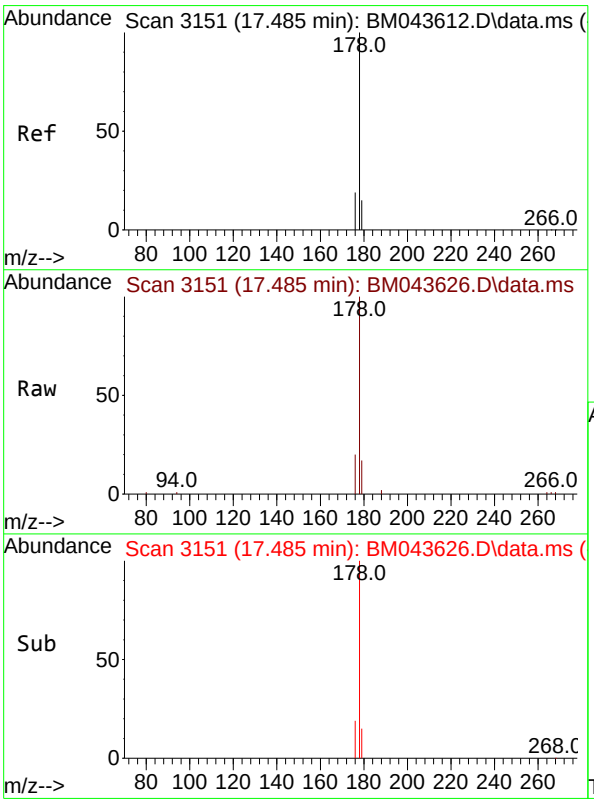
#15
Phenanthrene
Concen: 0.295 ng/ul
RT: 17.392 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS074

Tgt Ion:178 Resp: 12718

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.4	18.6
176	20.6	16.2	24.2

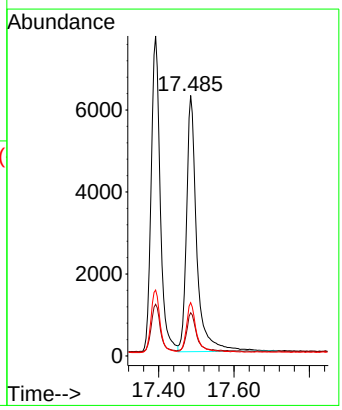


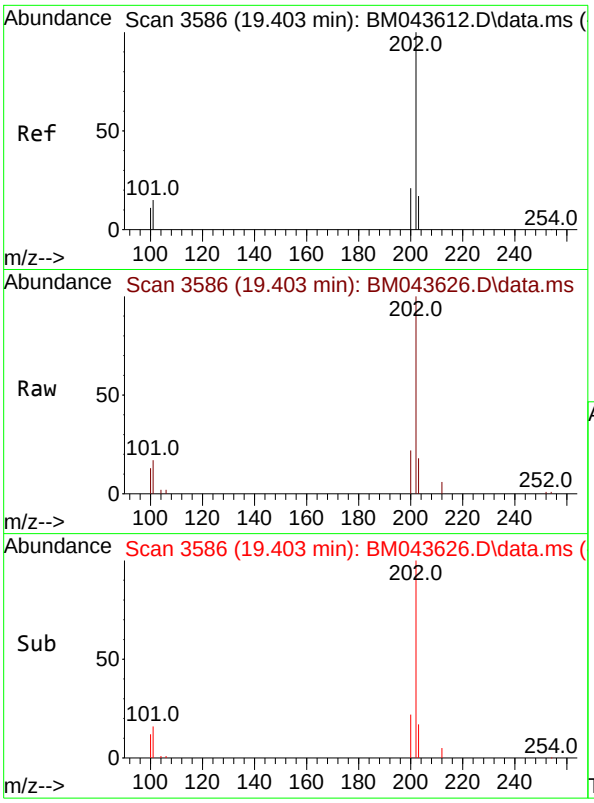


#16
Anthracene
Concen: 0.299 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Tgt Ion:178 Resp: 11717

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.6	18.8
176	20.5	15.6	23.4



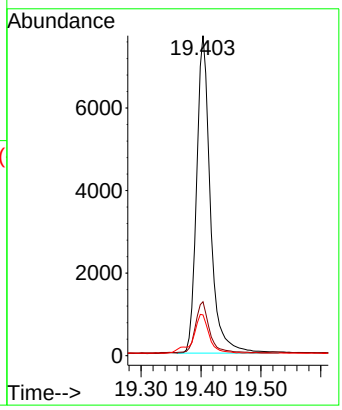


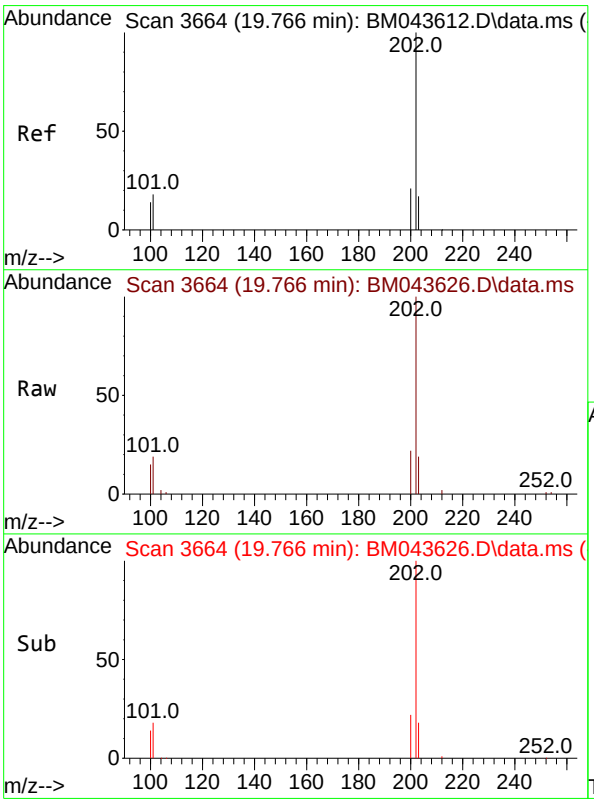
#19
Fluoranthene
Concen: 0.287 ng/ul
RT: 19.403 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS074

Tgt Ion:202 Resp: 12265

Ion	Ratio	Lower	Upper
202	100		
101	16.8	10.1	15.1#
100	12.8	7.4	11.2#

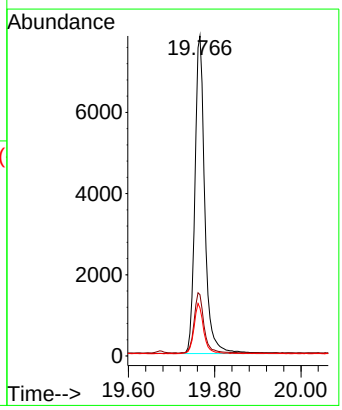


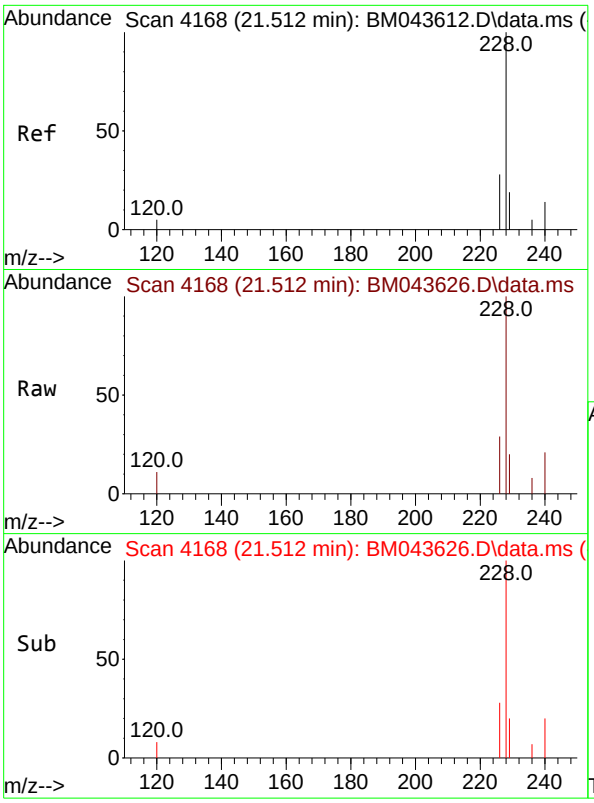


#20
Pyrene
Concen: 0.294 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.000 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Tgt Ion:202 Resp: 12477

Ion	Ratio	Lower	Upper
202	100		
101	19.2	12.7	19.1#
100	15.0	9.8	14.8#



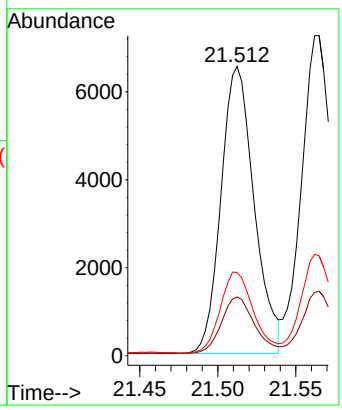


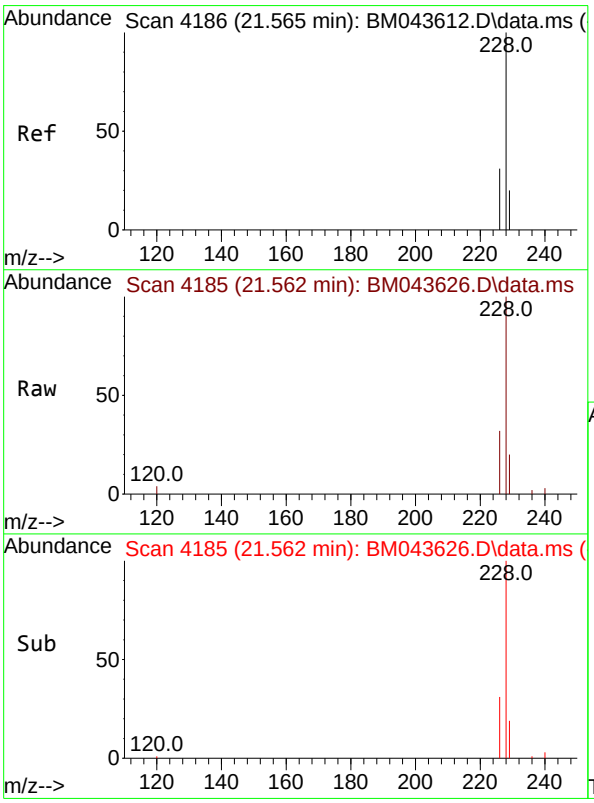
#21
Benzo(a)anthracene
Concen: 0.290 ng/ul
RT: 21.512 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS074

Tgt Ion:228 Resp: 9653

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.5	23.3
226	28.8	22.6	34.0

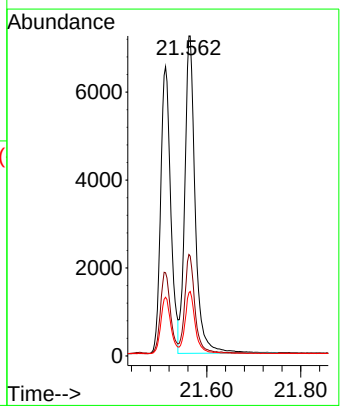


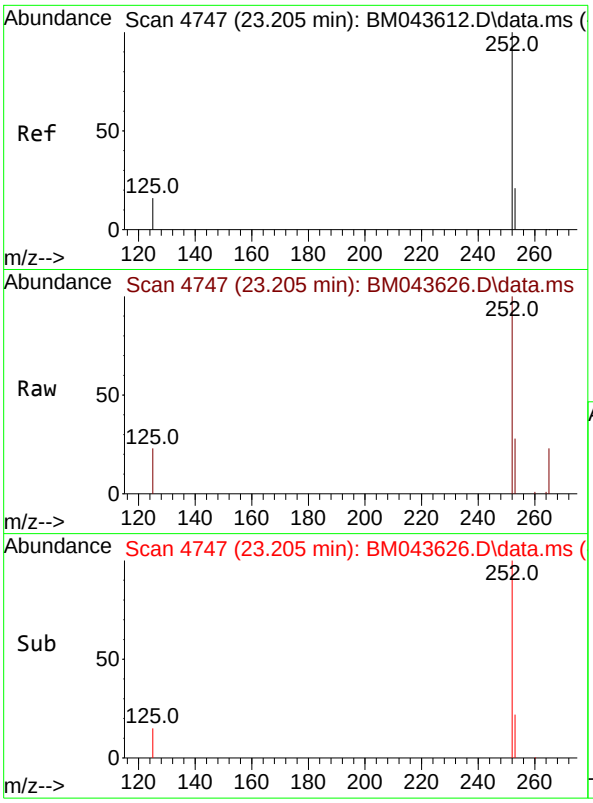


#22
Chrysene
Concen: 0.317 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Tgt Ion:228 Resp: 11116

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.8	37.2
229	19.8	15.7	23.5



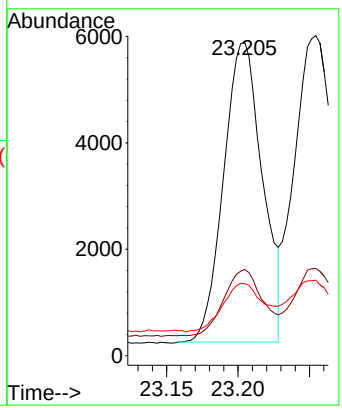


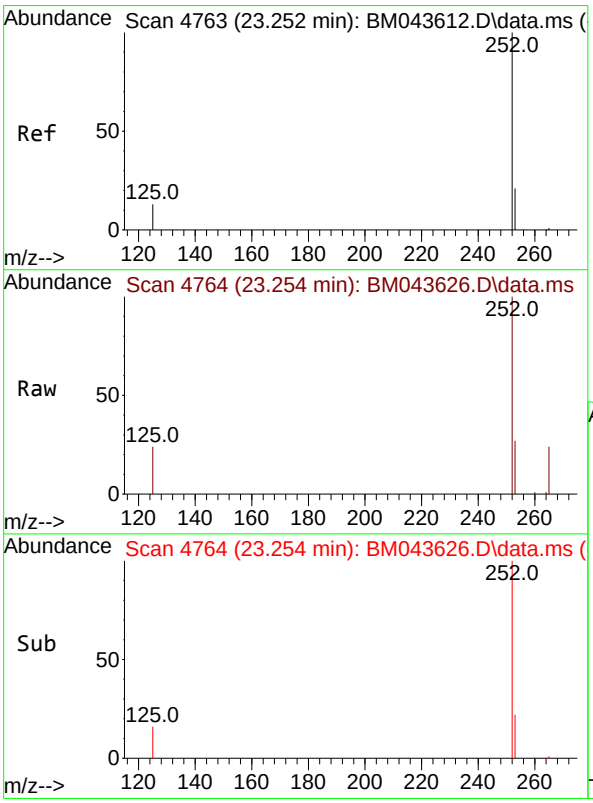
#24
Benzo(b)fluoranthene
Concen: 0.277 ng/ul
RT: 23.205 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS074

Tgt Ion:252 Resp: 10663

Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	48.8
125	23.0	0.0	29.2

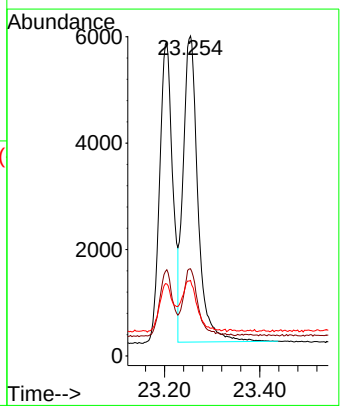


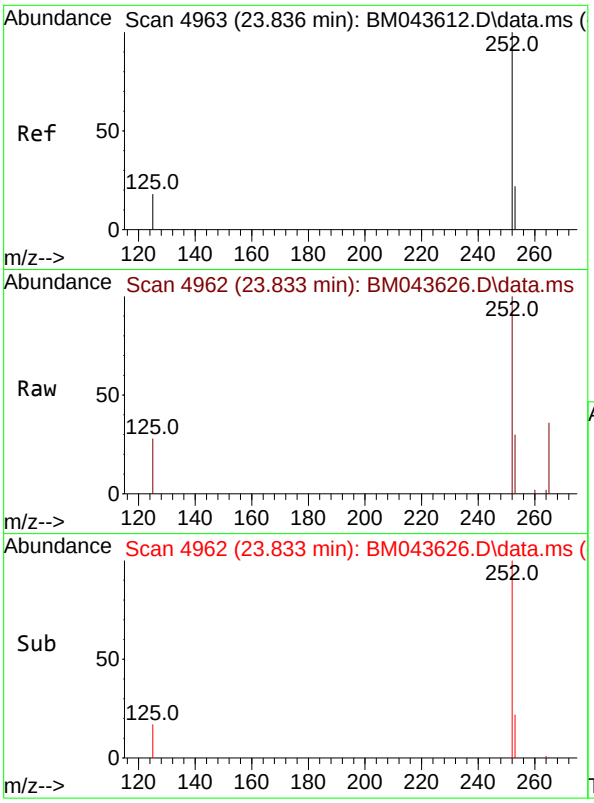


#25
Benzo(k)fluoranthene
Concen: 0.310 ng/ul
RT: 23.254 min Scan# 4764
Delta R.T. -0.000 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Tgt Ion:252 Resp: 12382

Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.6	28.0
125	23.6	11.8	17.8#



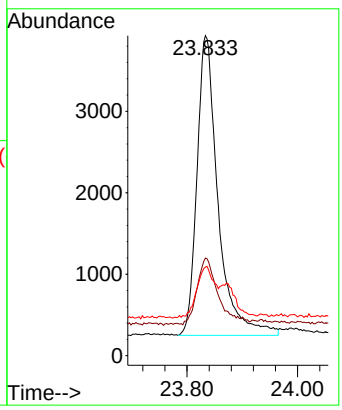


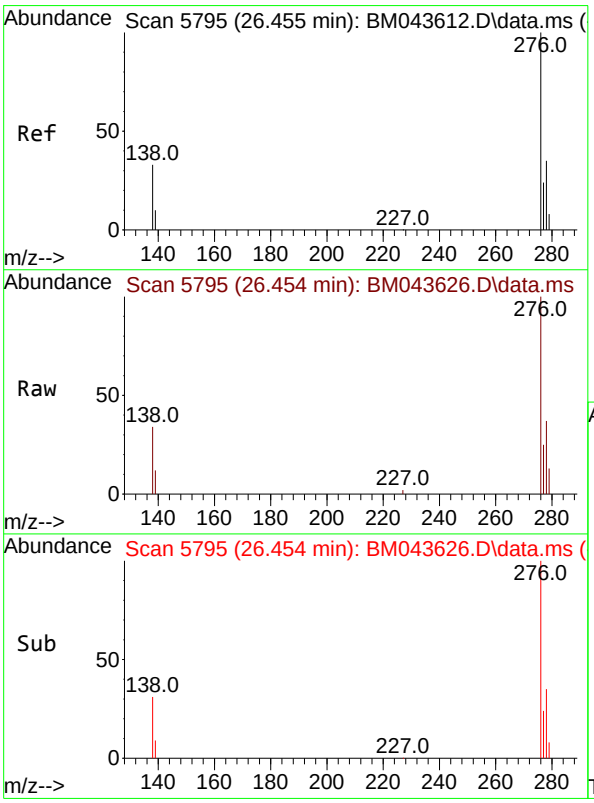
#26
Benzo(a)pyrene
Concen: 0.307 ng/ul
RT: 23.833 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS074

Tgt Ion:252 Resp: 9746

Ion	Ratio	Lower	Upper
252	100		
253	30.5	20.2	30.2#
125	27.7	13.5	20.3#

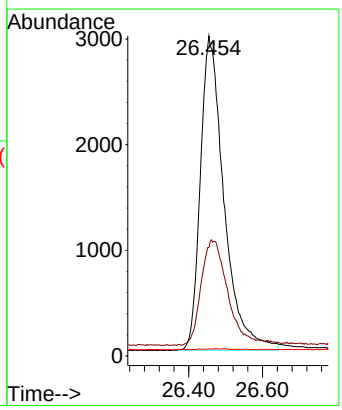


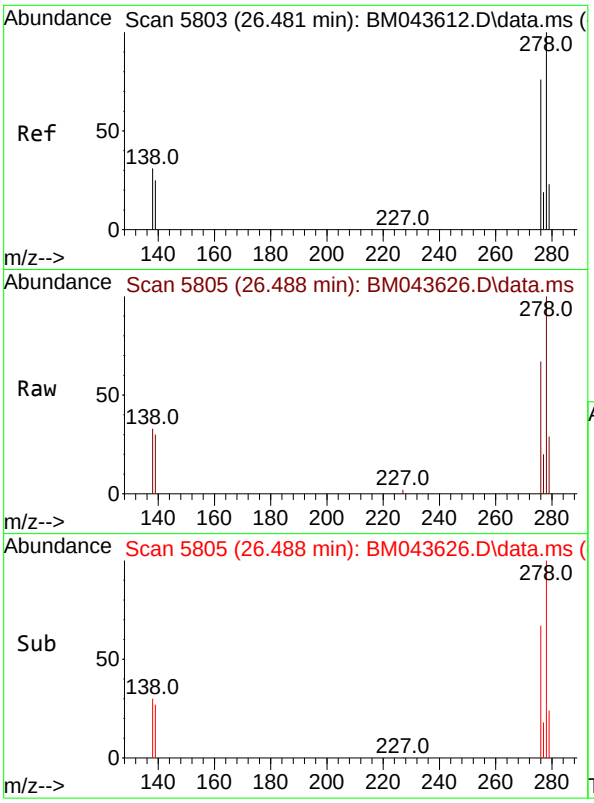


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 26.454 min Scan# 5795
Delta R.T. -0.004 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Tgt Ion:276 Resp: 13209

Ion	Ratio	Lower	Upper
276	100		
138	38.1	24.6	36.8#
227	0.0	0.0	0.0#



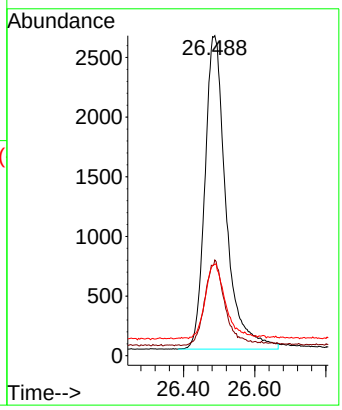


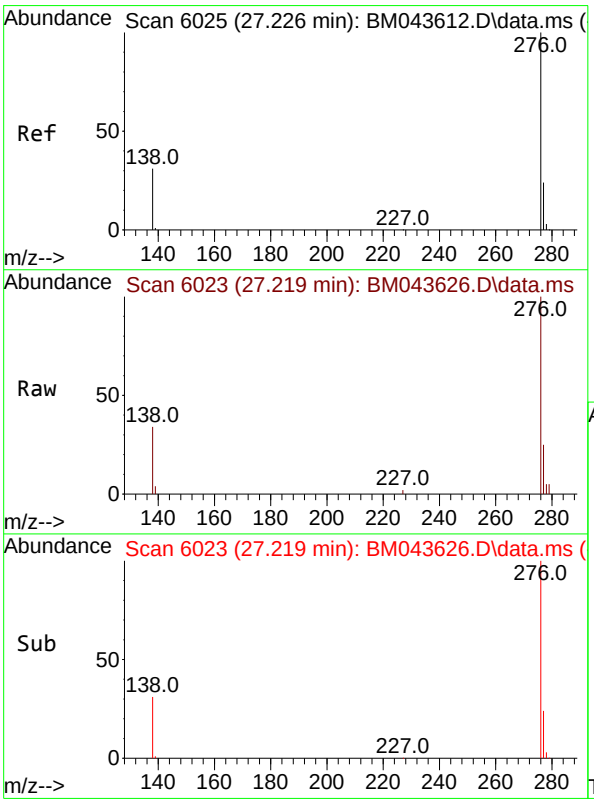
#28
Dibenzo(a,h)anthracene
Concen: 0.377 ng/ul
RT: 26.488 min Scan# 5
Delta R.T. 0.006 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS074

Tgt Ion:278 Resp: 10808

Ion	Ratio	Lower	Upper
278	100		
139	29.9	17.4	26.2#
279	28.6	20.9	31.3





#29
Benzo(g,h,i)perylene
Concen: 0.370 ng/ul
RT: 27.219 min Scan# 6023
Delta R.T. -0.004 min
Lab File: BM043626.D
Acq: 28 Dec 2023 02:13

Tgt Ion:276 Resp: 11425

Ion	Ratio	Lower	Upper
276	100		
138	34.2	23.1	34.7
277	25.4	19.4	29.0