Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046460.D
Acq On : 09 Jul 2024 05:50
Operator : MA/JU
Sample : PB161728BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS728

Quant Time: Jul 09 06:44:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	6087	0.400	ng/ul	0.00
4) Naphthalene-d8	10.292	136	16142	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.172	164	9850	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.921	188	19734	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.126	240	12972	0.400	ng/ul	-0.02
23) Perylene-d12	23.277	264	13298	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	3548	0.564	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.892	152	9496	0.398	ng/ul	-0.01
18) Fluoranthene-d10	18.959	212	17024	0.375	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	7332	1.030	ng/ul#	87
5) Naphthalene	10.341	128	14740	0.344	ng/ul	99
7) 2-Methylnaphthalene	11.964	142	10059	0.347	ng/ul	99
8) 1-Methylnaphthalene	12.189	142	9663	0.324	ng/ul	99
10) Acenaphthylene	13.886	152	16806	0.336	ng/ul	99
11) Acenaphthene	14.233	153	11002	0.338	ng/ul	98
12) Fluorene	15.227	166	12712	0.330	ng/ul	99
14) Pentachlorophenol	16.574	266	4326	0.751	ng/ul	99
15) Phenanthrene	16.963	178	19163	0.324	ng/ul	100
16) Anthracene	17.051	178	19057	0.332	ng/ul	99
19) Fluoranthene	18.992	202	21650	0.330	ng/ul#	96
20) Pyrene	19.354	202	22347	0.331	ng/ul#	92
21) Benzo(a)anthracene	21.111	228	20199	0.349	ng/ul	100
22) Chrysene	21.161	228	18930	0.328	ng/ul	99
24) Benzo(b)fluoranthene	22.639	252	18901	0.334	ng/ul	95
25) Benzo(k)fluoranthene	22.683	252	18962	0.332	ng/ul	93
26) Benzo(a)pyrene	23.183	252	17038	0.381	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.414	276	21185	0.351	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.434	278	16772	0.359	ng/ul	95
29) Benzo(g,h,i)perylene	26.054	276	17212	0.358	ng/ul#	95

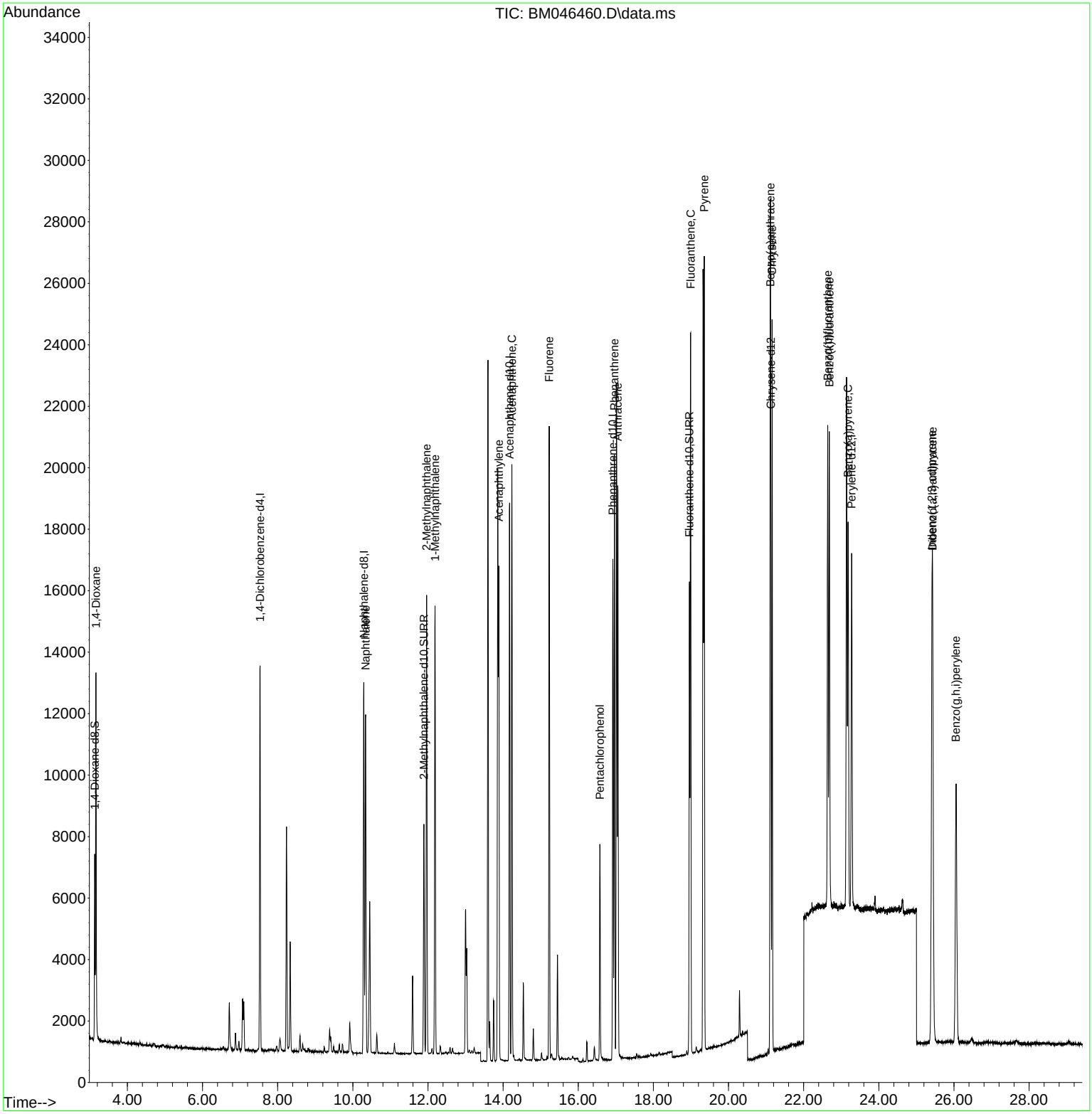
(#) = qualifier out of range (m) = manual integration (+) = signals summed

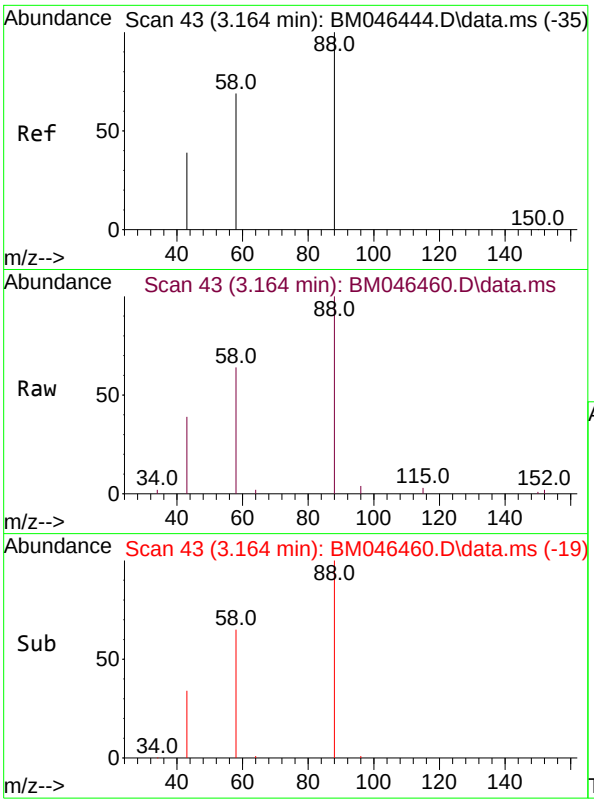
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046460.D
Acq On : 09 Jul 2024 05:50
Operator : MA/JU
Sample : PB161728BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS728

Quant Time: Jul 09 06:44:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration



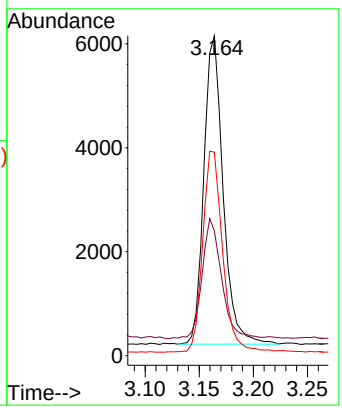


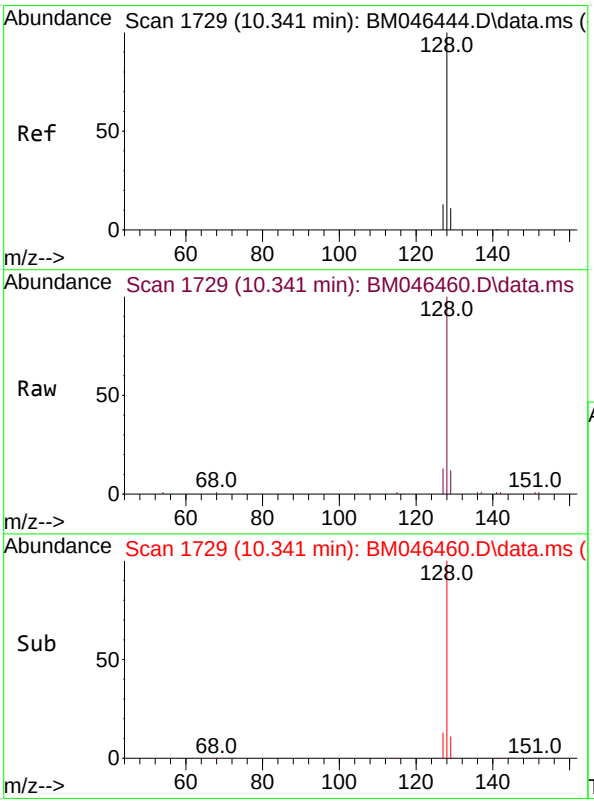
#2
1,4-Dioxane
Concen: 1.030 ng/ul
RT: 3.164 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Instrument :
BNA_M
ClientSampleId :
SLCS728

Tgt Ion: 88 Resp: 7332

Ion	Ratio	Lower	Upper
88	100		
43	38.9	41.9	62.9#
58	63.6	56.5	84.7

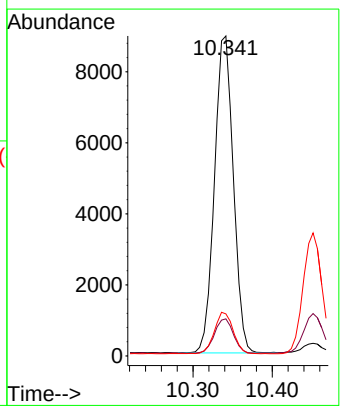


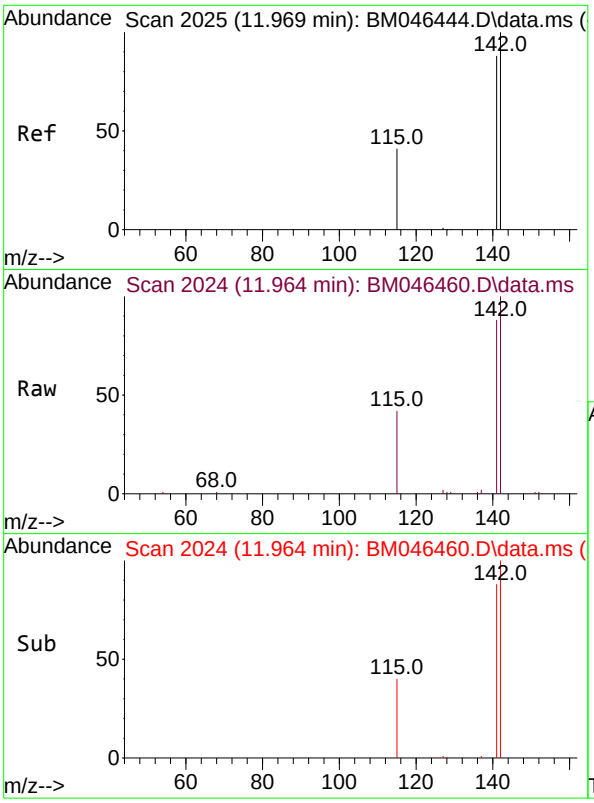


#5
Naphthalene
Concen: 0.344 ng/ul
RT: 10.341 min Scan# 1729
Delta R.T. -0.011 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Tgt Ion:128 Resp: 14740

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	13.2	10.8	16.2



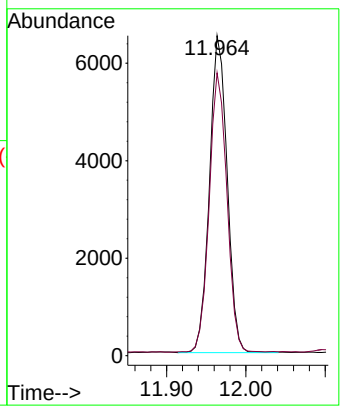


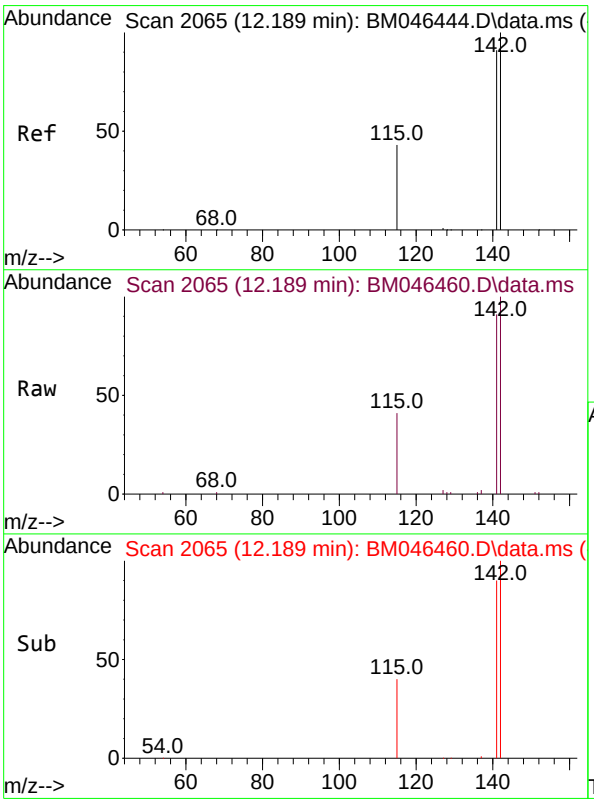
#7
2-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 11.964 min Scan# 2
Delta R.T. -0.016 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Instrument :
BNA_M
ClientSampleId :
SLCS728

Tgt Ion:142 Resp: 10059

Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.8	104.6

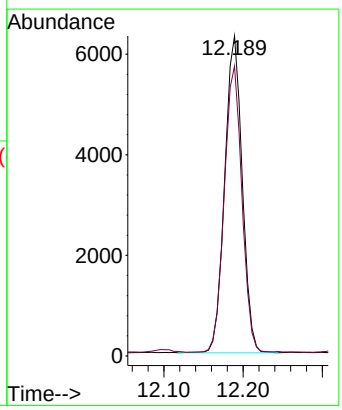


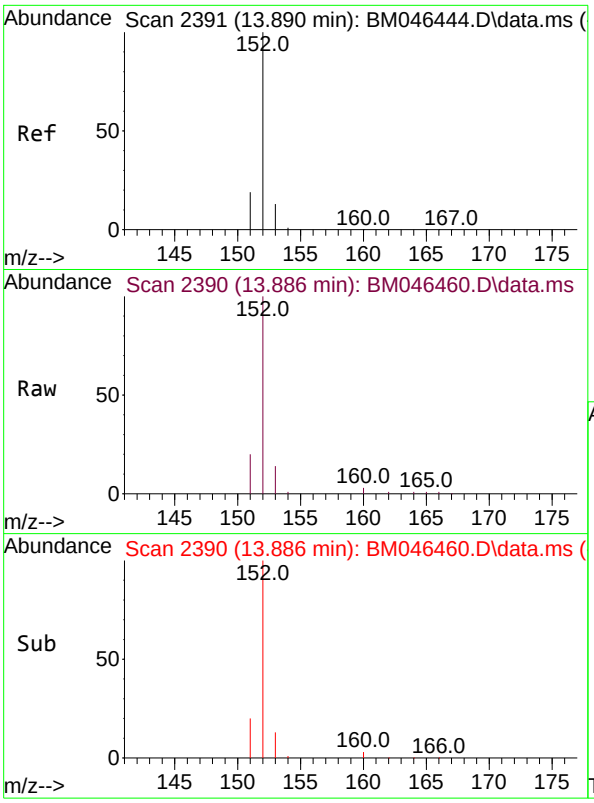


#8
1-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.189 min Scan# 2065
Delta R.T. -0.011 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Tgt Ion:142 Resp: 9663

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.4	108.6



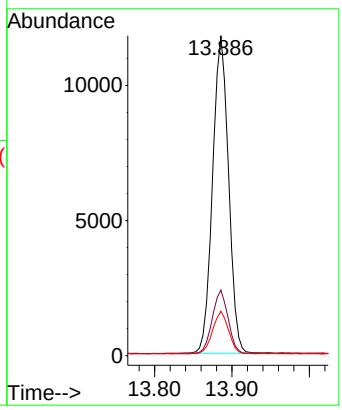


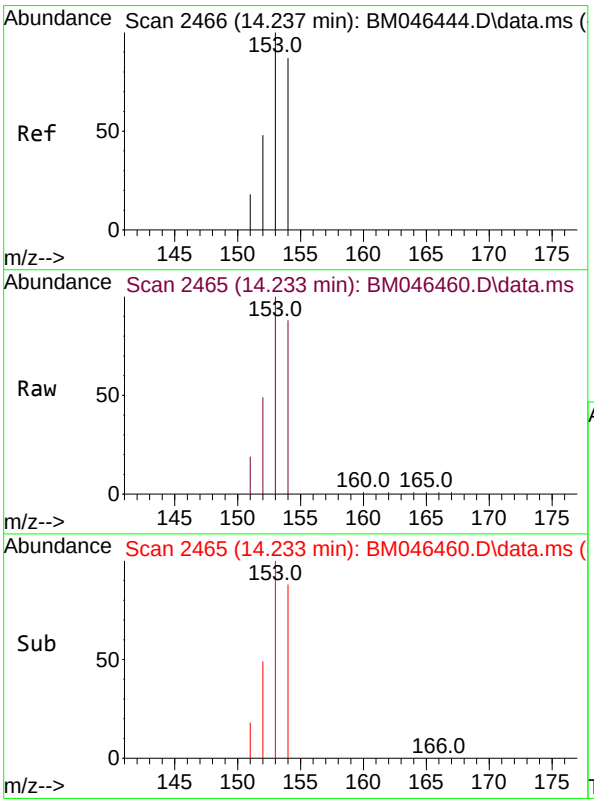
#10
Acenaphthylene
Concen: 0.336 ng/ul
RT: 13.886 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Instrument :
BNA_M
ClientSampleId :
SLCS728

Tgt Ion:152 Resp: 16806

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.9	23.9
153	13.9	11.0	16.6

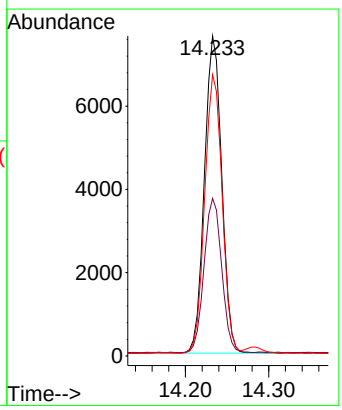


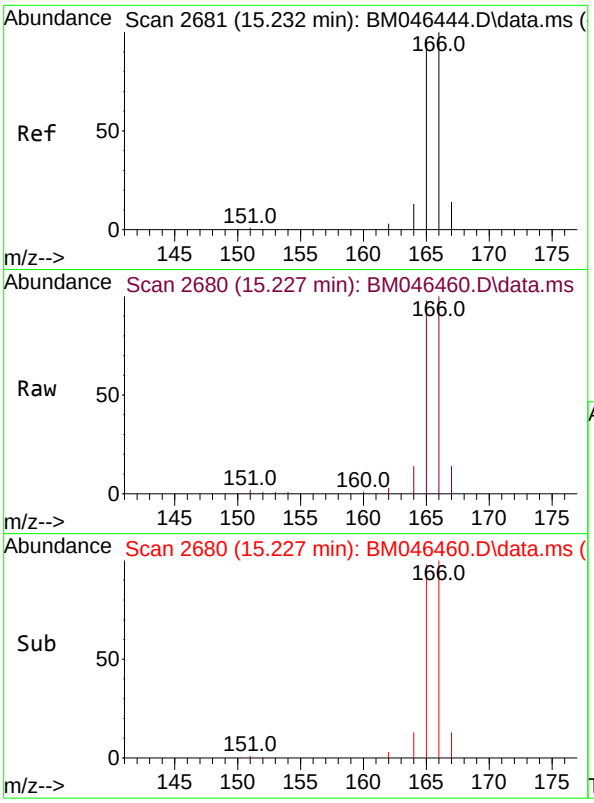


#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.233 min Scan# 2465
Delta R.T. -0.014 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Tgt Ion:153 Resp: 11002

Ion	Ratio	Lower	Upper
153	100		
152	49.3	40.4	60.6
154	87.9	72.1	108.1



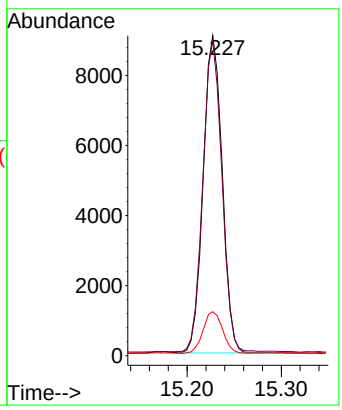


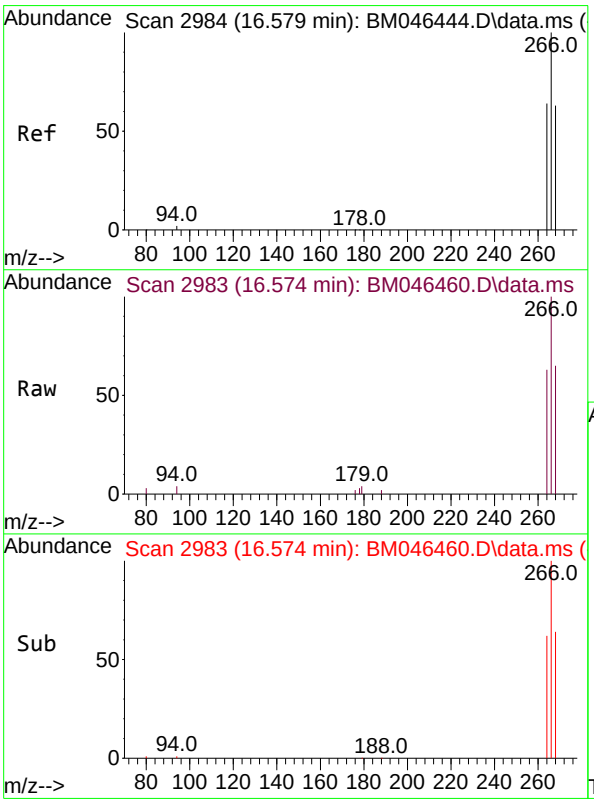
#12
Fluorene
Concen: 0.330 ng/ul
RT: 15.227 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Instrument :
BNA_M
ClientSampleId :
SLCS728

Tgt Ion:166 Resp: 12712

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.0	117.0
167	13.7	11.4	17.0

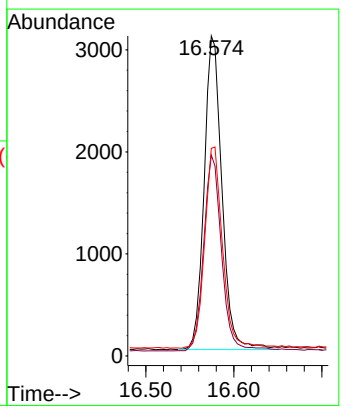


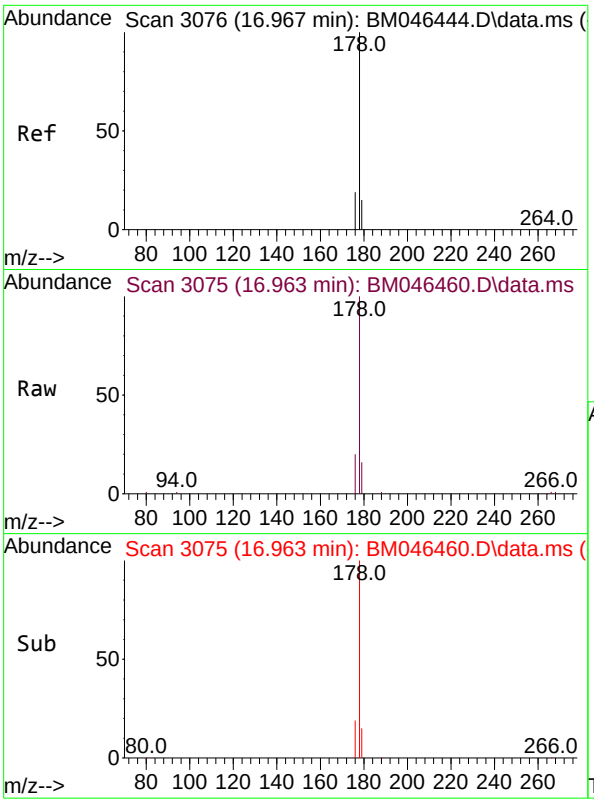


#14
Pentachlorophenol
Concen: 0.751 ng/ul
RT: 16.574 min Scan# 2983
Delta R.T. -0.012 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Tgt Ion:266 Resp: 4326

Ion	Ratio	Lower	Upper
266	100		
264	62.6	51.0	76.6
268	64.3	50.8	76.2



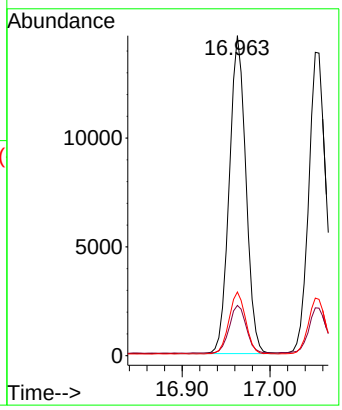


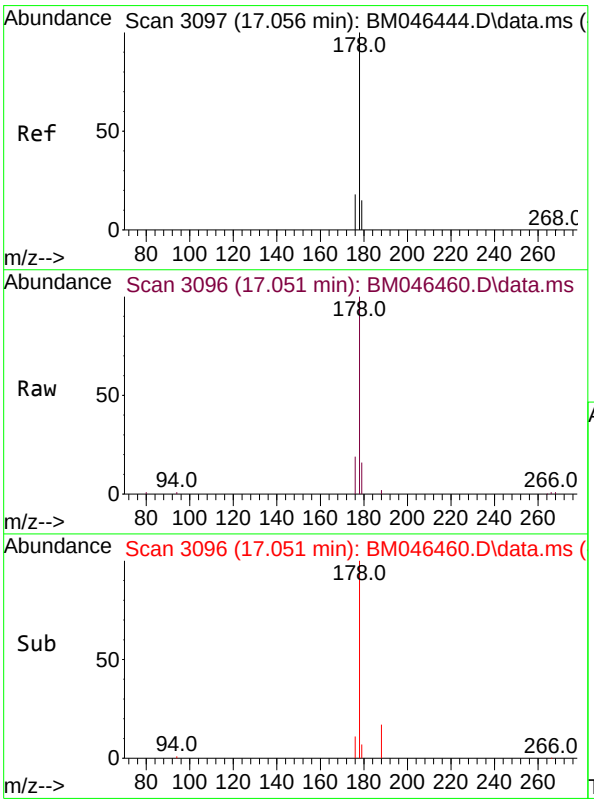
#15
Phenanthrene
Concen: 0.324 ng/ul
RT: 16.963 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Instrument :
BNA_M
ClientSampleId :
SLCS728

Tgt Ion:178 Resp: 19163

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.7	19.1
176	19.9	16.0	24.0

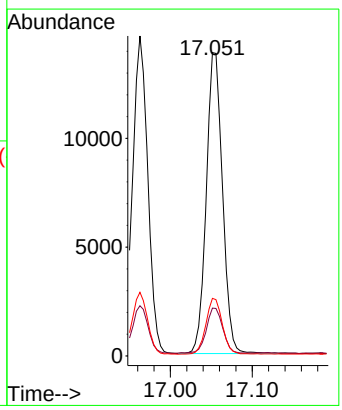


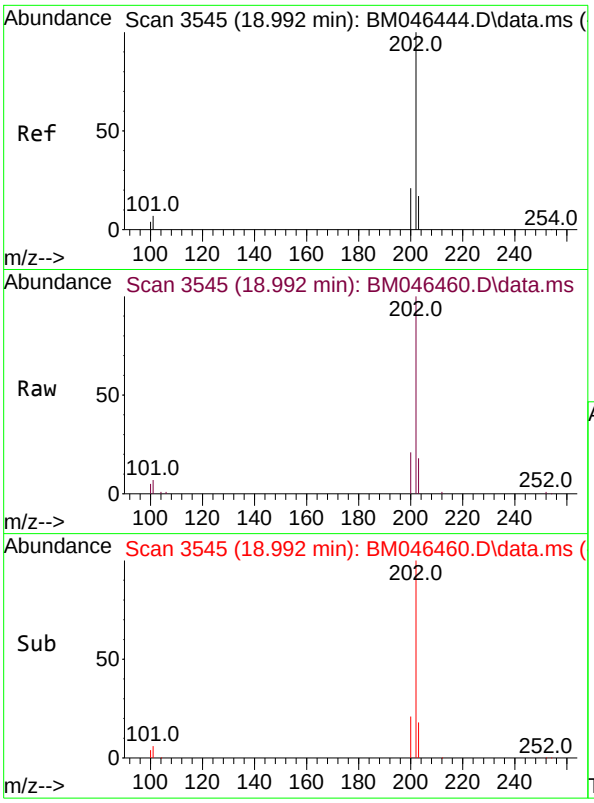


#16
Anthracene
Concen: 0.332 ng/ul
RT: 17.051 min Scan# 3096
Delta R.T. -0.017 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Tgt Ion:178 Resp: 19057

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	19.0	14.9	22.3



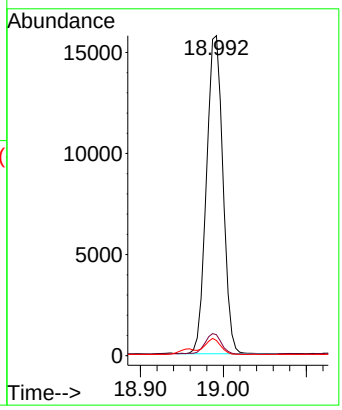


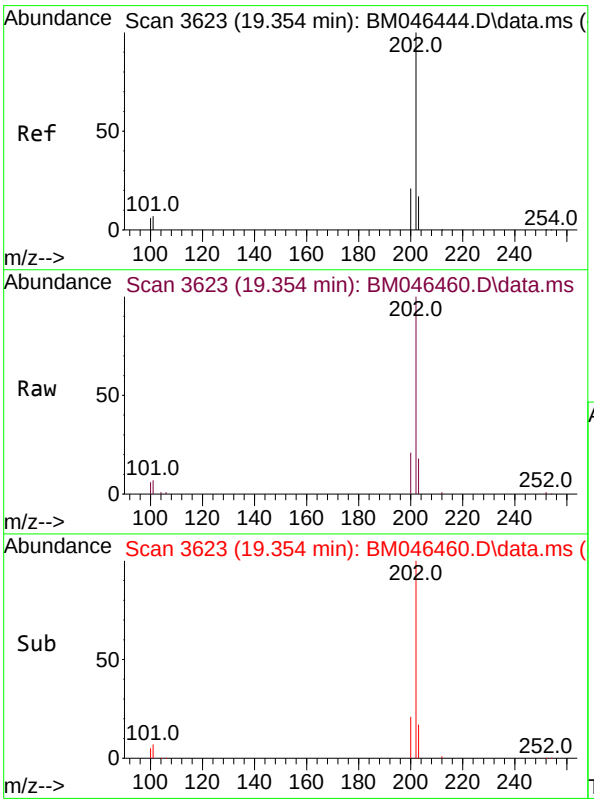
#19
Fluoranthene
Concen: 0.330 ng/ul
RT: 18.992 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Instrument :
BNA_M
ClientSampleId :
SLCS728

Tgt Ion:202 Resp: 21650

Ion	Ratio	Lower	Upper
202	100		
101	6.5	6.3	9.5
100	4.8	5.0	7.6#

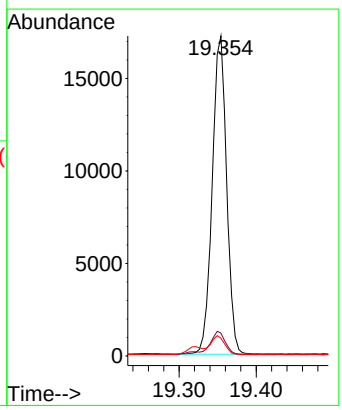


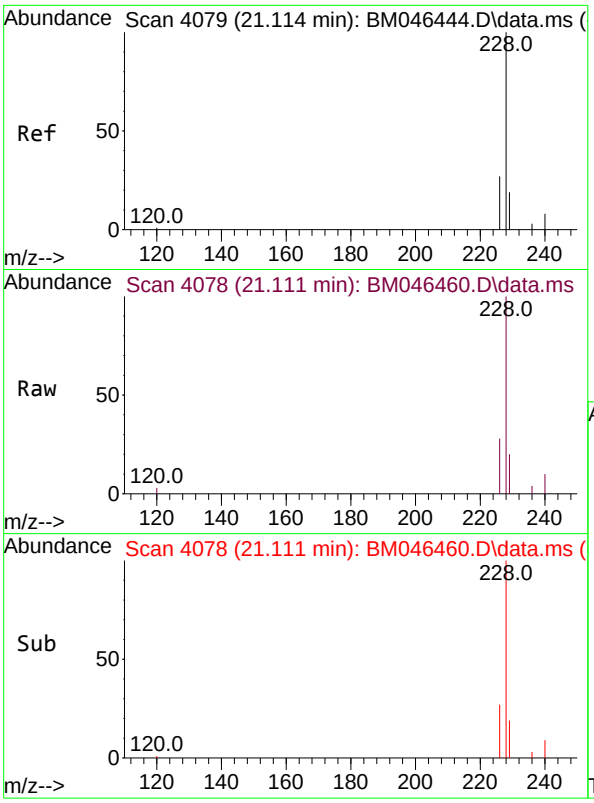


#20
Pyrene
Concen: 0.331 ng/ul
RT: 19.354 min Scan# 3623
Delta R.T. -0.009 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Tgt Ion:202 Resp: 22347

Ion	Ratio	Lower	Upper
202	100		
101	7.1	8.2	12.4#
100	5.6	6.9	10.3#



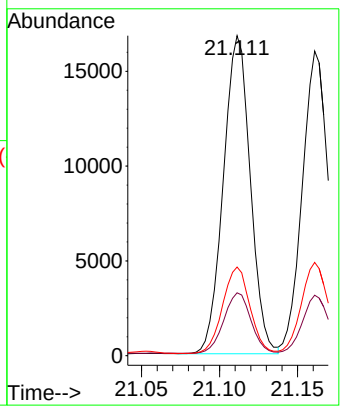


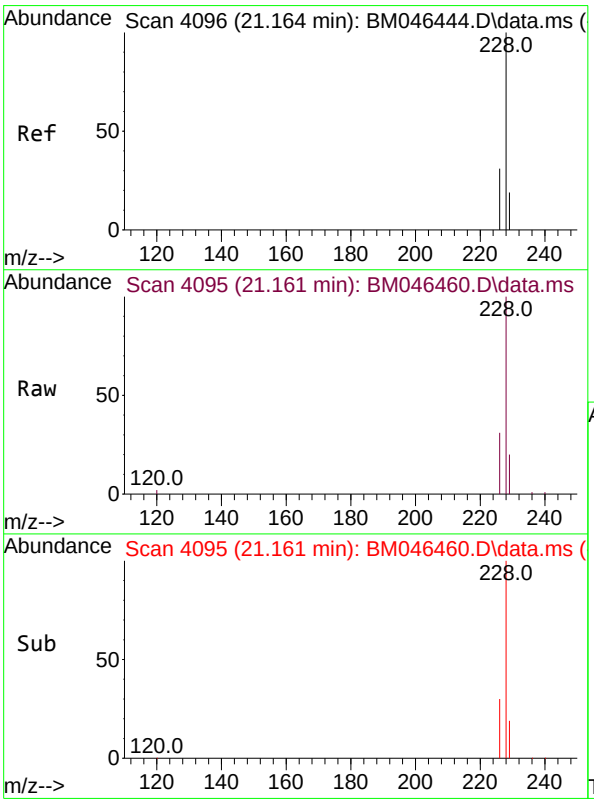
#21
Benzo(a)anthracene
Concen: 0.349 ng/ul
RT: 21.111 min Scan# 4
Delta R.T. -0.014 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Instrument :
BNA_M
ClientSampleId :
SLCS728

Tgt Ion:228 Resp: 20199

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.6
226	27.7	22.0	33.0

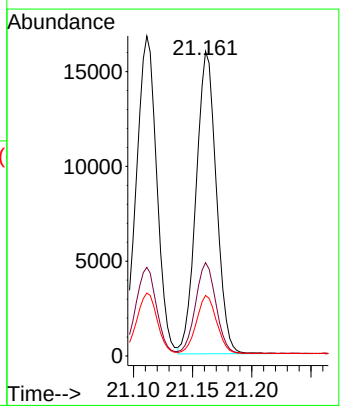


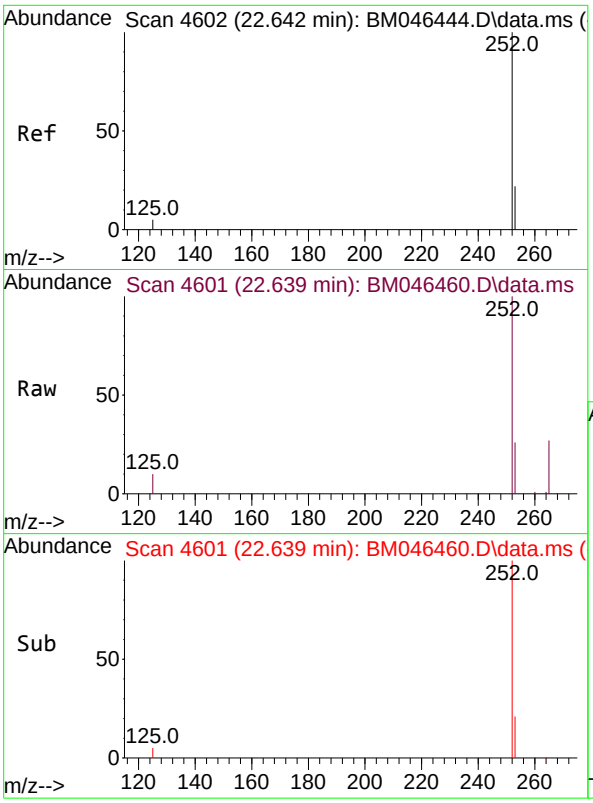


#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.161 min Scan# 4095
Delta R.T. -0.017 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Tgt Ion:228 Resp: 18930

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	19.9	15.8	23.6



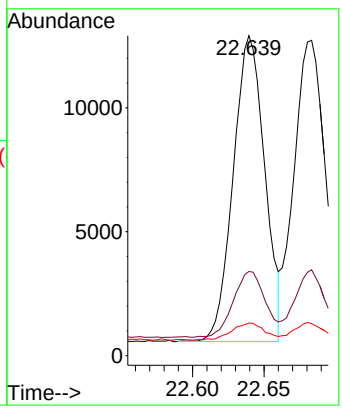


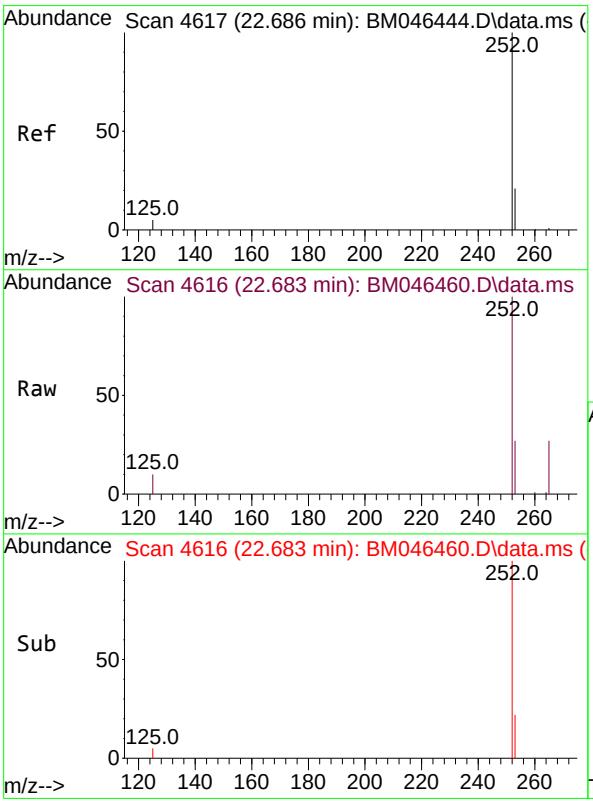
#24
Benzo(b)fluoranthene
Concen: 0.334 ng/ul
RT: 22.639 min Scan# 4
Delta R.T. -0.023 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Instrument :
BNA_M
ClientSampleId :
SLCS728

Tgt Ion:252 Resp: 18901

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	47.0
125	10.2	0.0	18.4

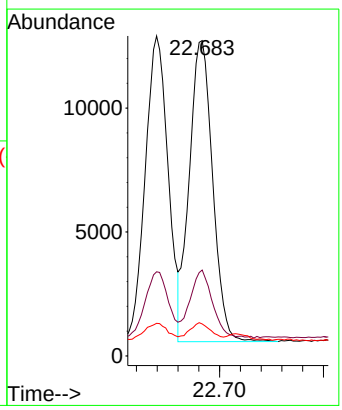


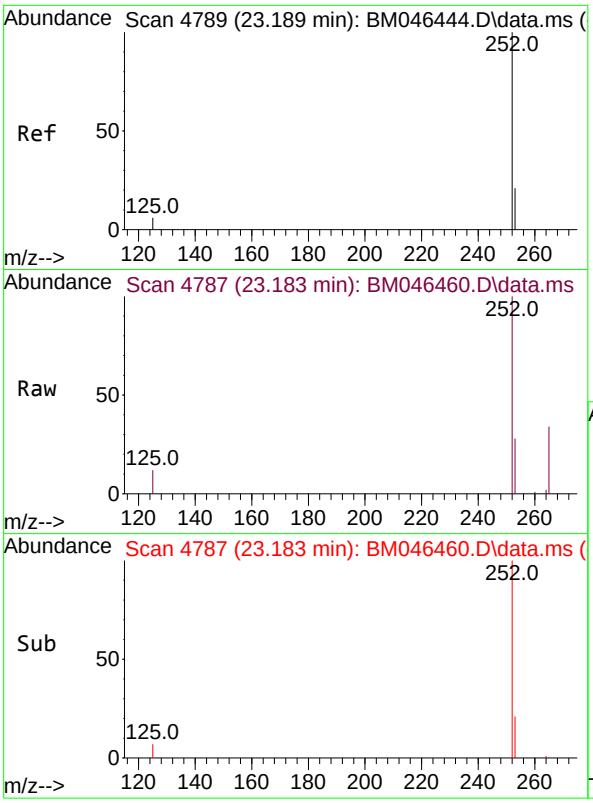


#25
Benzo(k)fluoranthene
Concen: 0.332 ng/ul
RT: 22.683 min Scan# 4616
Delta R.T. -0.023 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Tgt Ion:252 Resp: 18962

Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.4	27.6
125	10.2	7.5	11.3



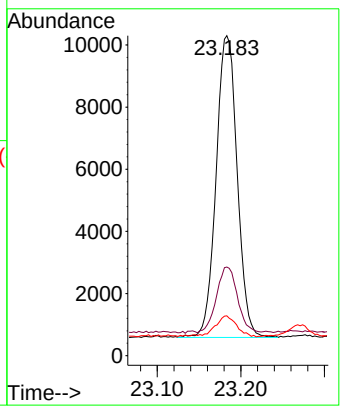


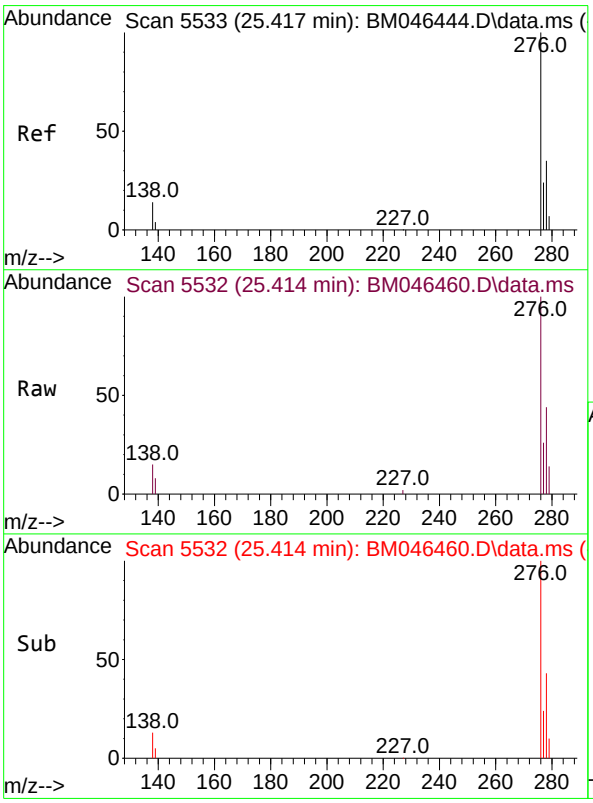
#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 23.183 min Scan# 4
Delta R.T. -0.026 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Instrument :
BNA_M
ClientSampleId :
SLCS728

Tgt Ion:252 Resp: 17038

Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.9	28.3
125	12.4	8.1	12.1#

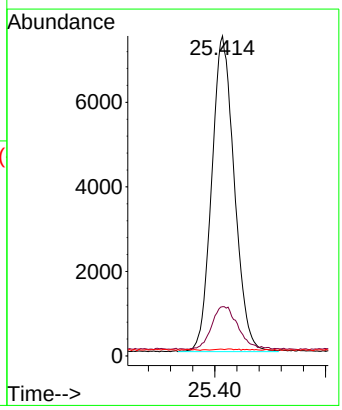


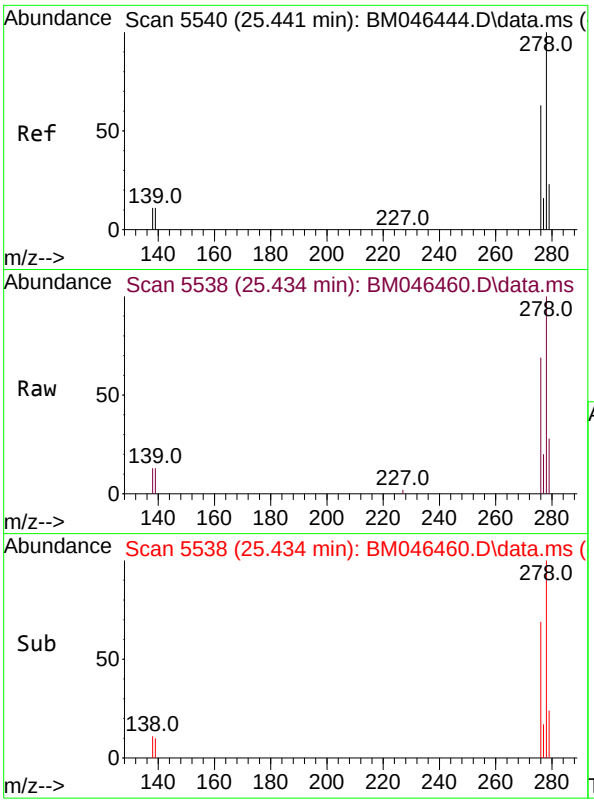


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng/ul
RT: 25.414 min Scan# 5532
Delta R.T. -0.033 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Tgt Ion:276 Resp: 21185

Ion	Ratio	Lower	Upper
276	100		
138	15.8	15.7	23.5
227	0.1	0.1	0.1#



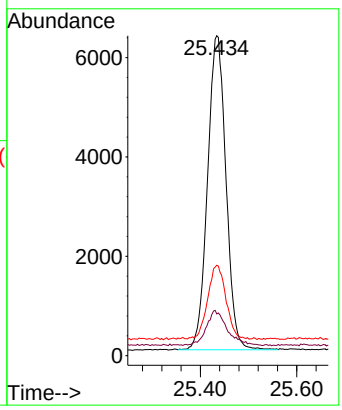


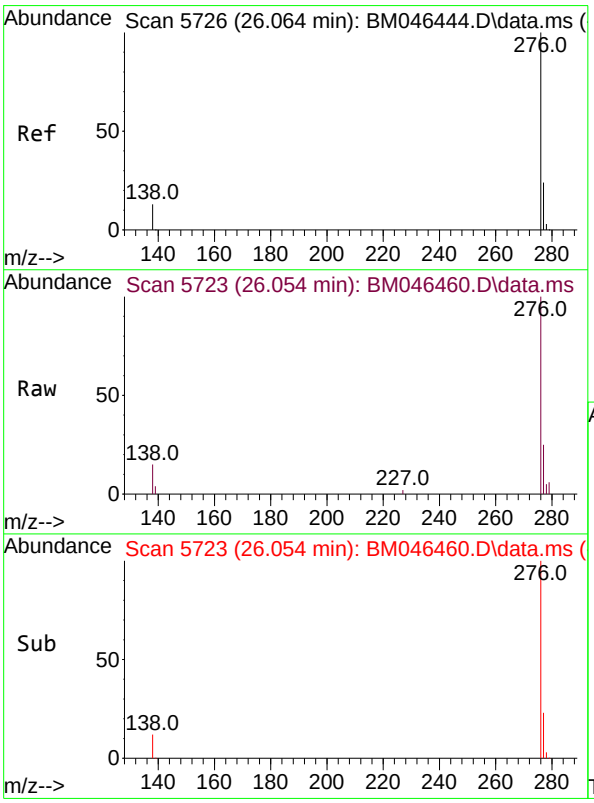
#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 25.434 min Scan# 5
Delta R.T. -0.040 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Instrument :
BNA_M
ClientSampleId :
SLCS728

Tgt Ion:278 Resp: 16772

Ion	Ratio	Lower	Upper
278	100		
139	13.1	12.6	18.8
279	28.3	20.7	31.1





#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 26.054 min Scan# 5723
Delta R.T. -0.037 min
Lab File: BM046460.D
Acq: 09 Jul 2024 05:50

Tgt Ion:276 Resp: 17212

Ion	Ratio	Lower	Upper
276	100		
138	15.0	15.4	23.0#
277	25.5	19.7	29.5