Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046664.D
Acq On : 17 Jul 2024 10:48
Operator : MA/JU
Sample : PB161887BS
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS887

Quant Time: Jul 17 12:21:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.497	152	3162	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.253	136	8448	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.140	164	5460	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.895	188	11707	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	9319	0.400	ng/ul	0.00
23) Perylene-d12	23.238	264	11232	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	1251	0.482	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.853	152	4500	0.330	ng/ul	-0.01
18) Fluoranthene-d10	18.931	212	9932	0.350	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.143	88	3423	1.235	ng/ul#	71
5) Naphthalene	10.303	128	6935	0.323	ng/ul	98
7) 2-Methylnaphthalene	11.930	142	4905	0.325	ng/ul	99
8) 1-Methylnaphthalene	12.150	142	4931	0.320	ng/ul	99
10) Acenaphthylene	13.853	152	7809	0.314	ng/ul	98
11) Acenaphthene	14.205	153	5595	0.336	ng/ul	97
12) Fluorene	15.199	166	6460	0.314	ng/ul	99
14) Pentachlorophenol	16.553	266	2982	0.503	ng/ul	98
15) Phenanthrene	16.933	178	10355	0.310	ng/ul	100
16) Anthracene	17.026	178	10101	0.310	ng/ul	100
19) Fluoranthene	18.964	202	12734	0.333	ng/ul	99
20) Pyrene	19.326	202	13533	0.327	ng/ul	99
21) Benzo(a)anthracene	21.085	228	12962	0.314	ng/ul	99
22) Chrysene	21.137	228	12378	0.310	ng/ul	99
24) Benzo(b)fluoranthene	22.604	252	13930	0.310	ng/ul	99
25) Benzo(k)fluoranthene	22.648	252	13770	0.313	ng/ul	99
26) Benzo(a)pyrene	23.145	252	13016	0.353	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.357	276	17576	0.313	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.373	278	13900	0.312	ng/ul	98
29) Benzo(g,h,i)perylene	26.000	276	13712	0.306	ng/ul	98

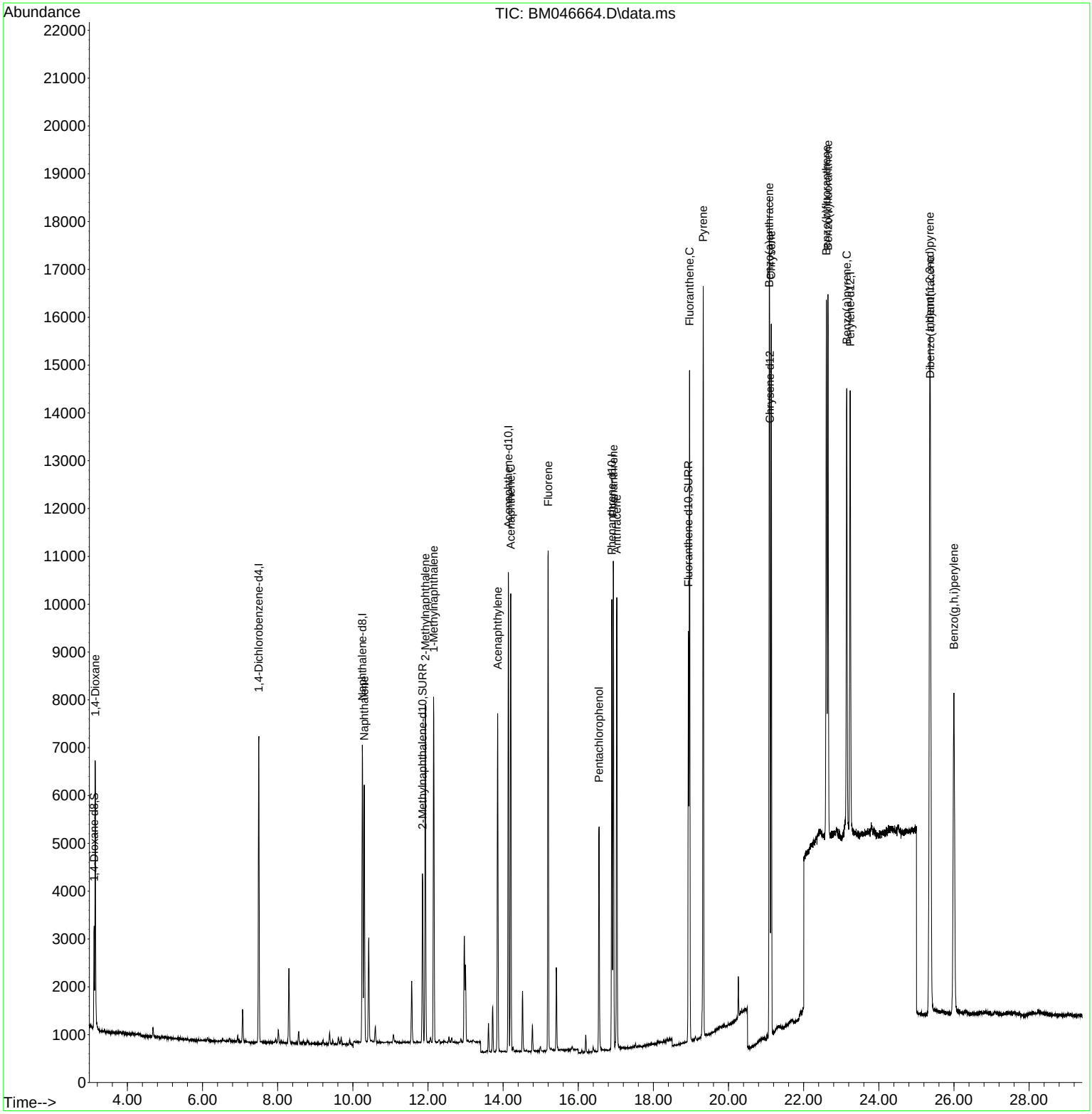
(#) = qualifier out of range (m) = manual integration (+) = signals summed

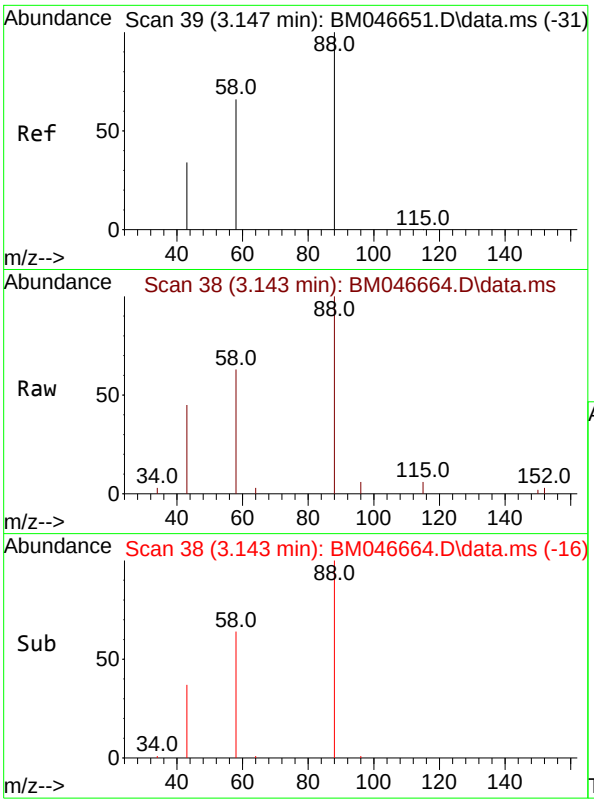
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046664.D
Acq On : 17 Jul 2024 10:48
Operator : MA/JU
Sample : PB161887BS
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS887

Quant Time: Jul 17 12:21:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration



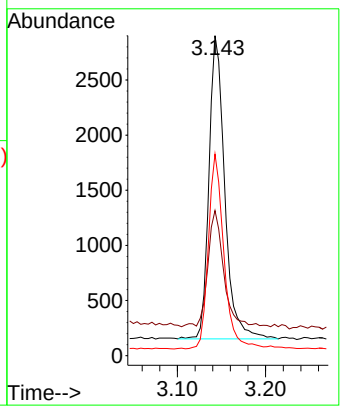


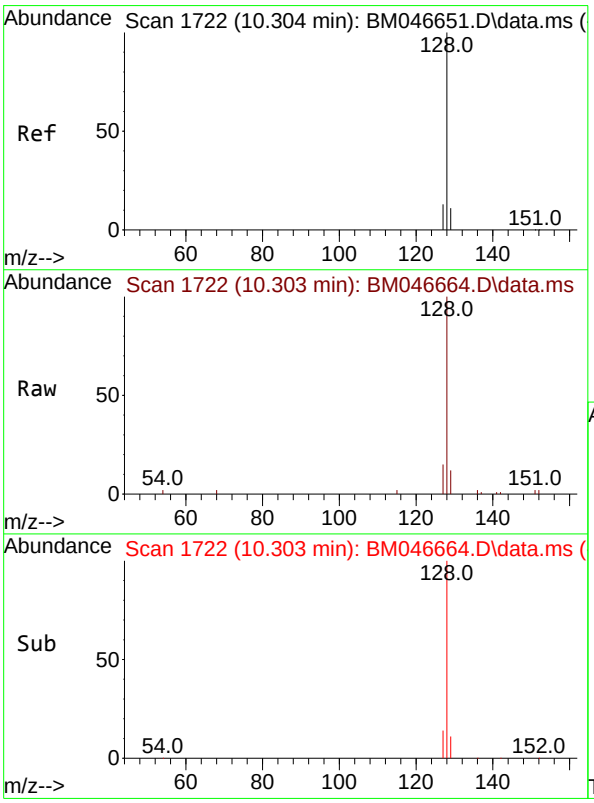
#2
1,4-Dioxane
Concen: 1.235 ng/ul
RT: 3.143 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Instrument :
BNA_M
ClientSampleId :
SLCS887

Tgt Ion: 88 Resp: 3423

Ion	Ratio	Lower	Upper
88	100		
43	45.3	70.2	105.4#
58	63.0	48.2	72.4

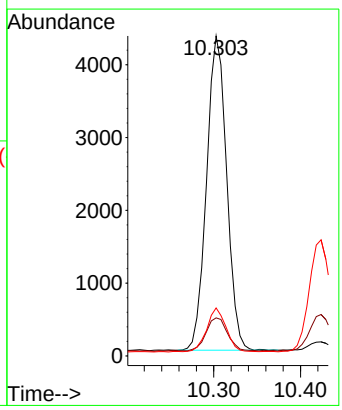


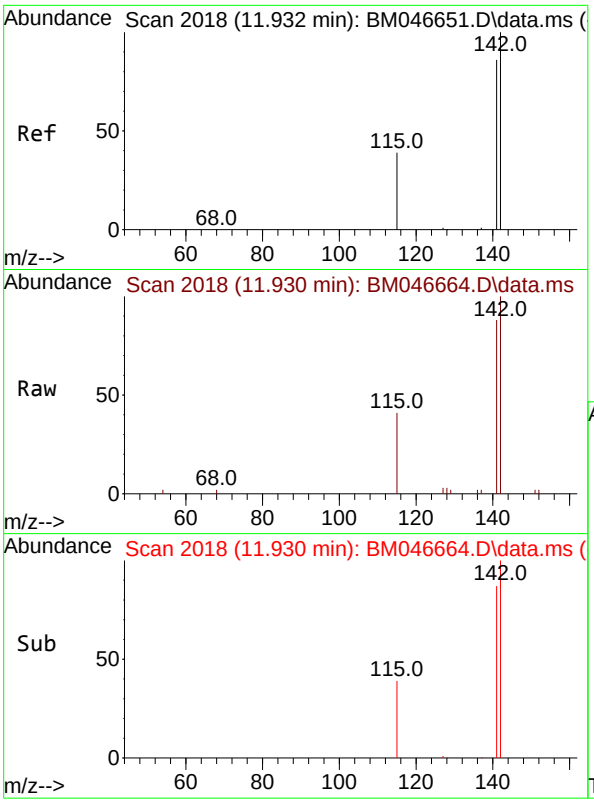


#5
Naphthalene
Concen: 0.323 ng/ul
RT: 10.303 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Tgt Ion:128 Resp: 6935

Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.3	15.5
127	15.0	12.2	18.4



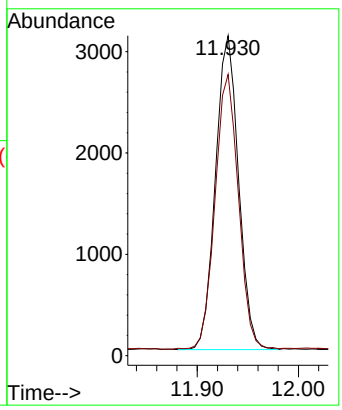


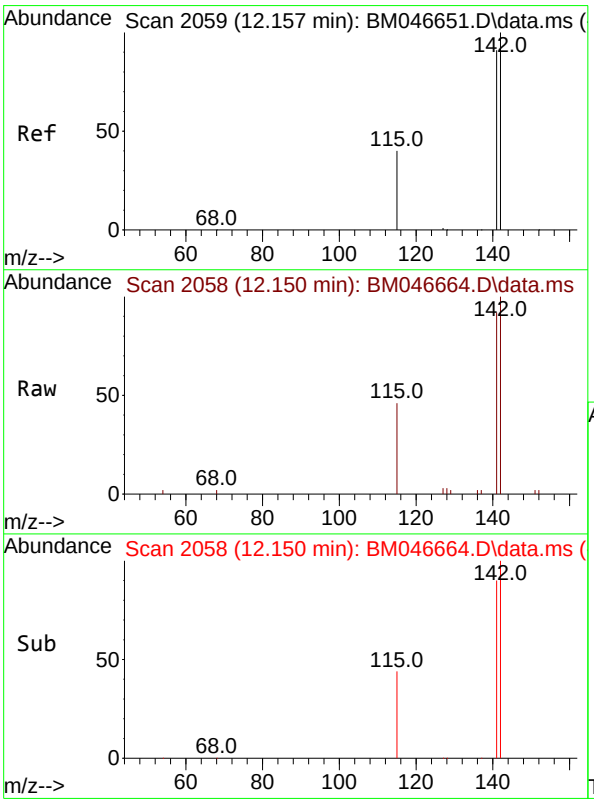
#7
2-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 11.930 min Scan# 2
Delta R.T. -0.013 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Instrument :
BNA_M
ClientSampleId :
SLCS887

Tgt Ion:142 Resp: 4905

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.3	105.5

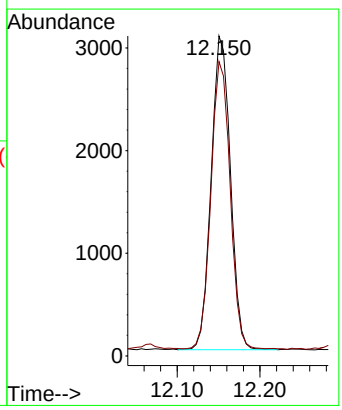


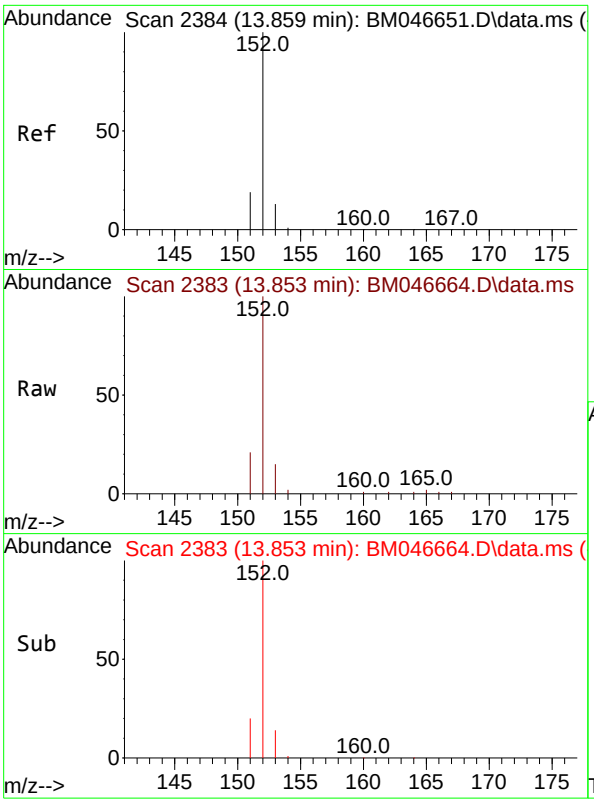


#8
1-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.150 min Scan# 2058
Delta R.T. -0.013 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Tgt Ion:142 Resp: 4931

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.9	110.9



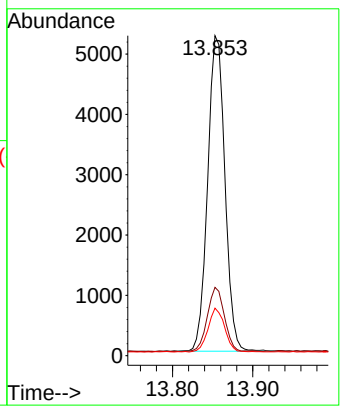


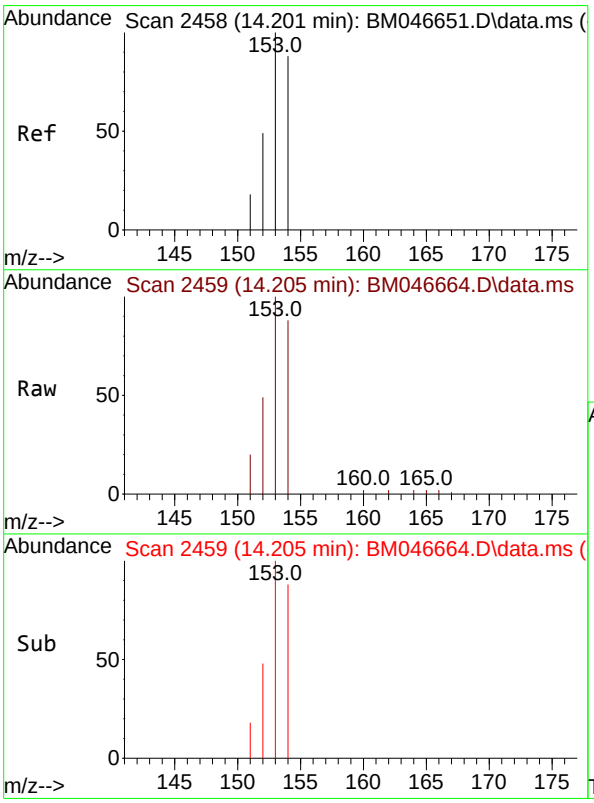
#10
Acenaphthylene
Concen: 0.314 ng/ul
RT: 13.853 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Instrument :
BNA_M
ClientSampleId :
SLCS887

Tgt Ion:152 Resp: 7809

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.4	24.6
153	14.8	12.4	18.6

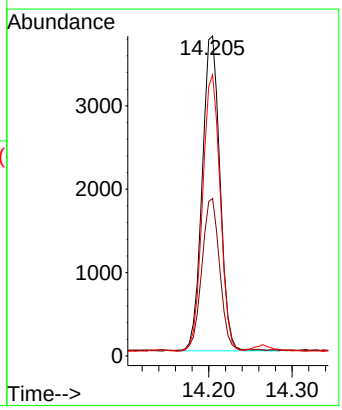


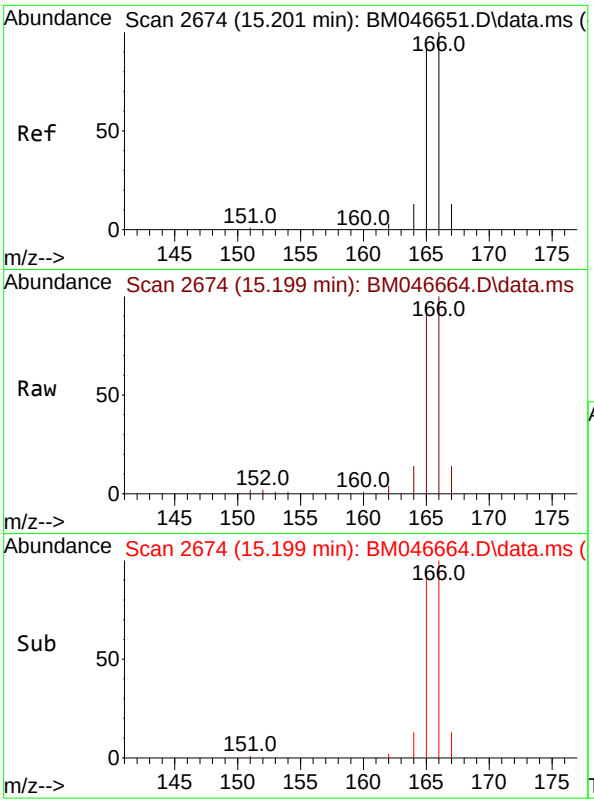


#11
Acenaphthene
Concen: 0.336 ng/ul
RT: 14.205 min Scan# 2459
Delta R.T. -0.006 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Tgt Ion:153 Resp: 5595

Ion	Ratio	Lower	Upper
153	100		
152	49.2	43.0	64.6
154	87.8	69.9	104.9



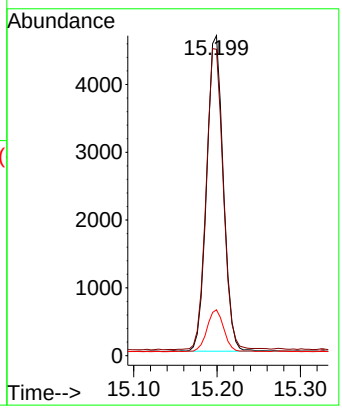


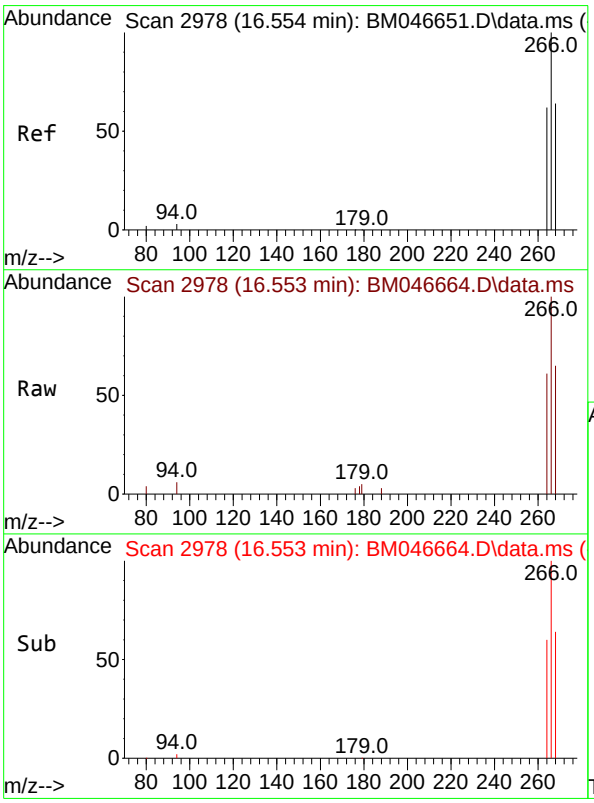
#12
Fluorene
Concen: 0.314 ng/ul
RT: 15.199 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Instrument :
BNA_M
ClientSampleId :
SLCS887

Tgt Ion:166 Resp: 6460

Ion	Ratio	Lower	Upper
166	100		
165	95.7	76.1	114.1
167	14.3	12.5	18.7

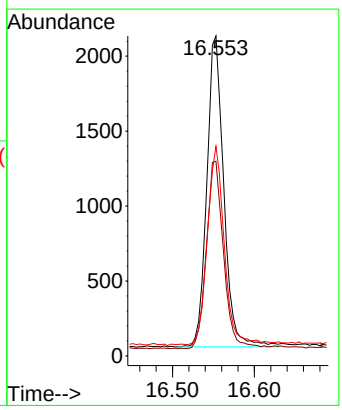


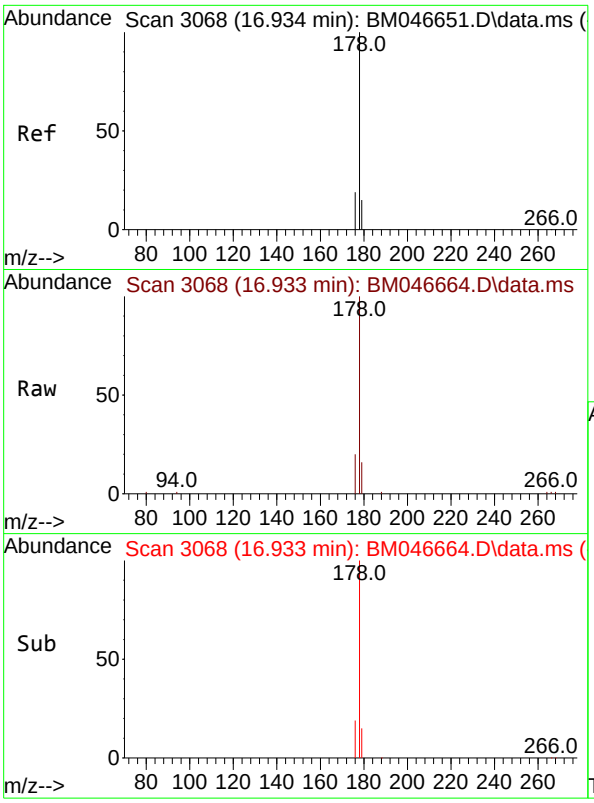


#14
Pentachlorophenol
Concen: 0.503 ng/ul
RT: 16.553 min Scan# 2978
Delta R.T. -0.002 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Tgt Ion:266 Resp: 2982

Ion	Ratio	Lower	Upper
266	100		
264	61.2	50.1	75.1
268	63.8	52.5	78.7



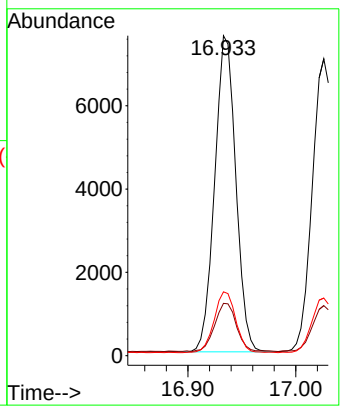


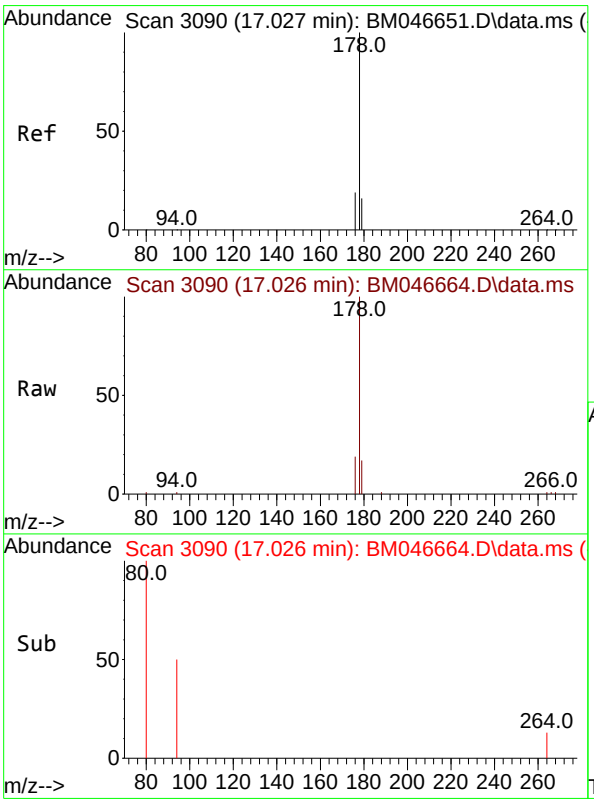
#15
Phenanthrene
Concen: 0.310 ng/ul
RT: 16.933 min Scan# 3
Delta R.T. -0.010 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Instrument :
BNA_M
ClientSampleId :
SLCS887

Tgt Ion:178 Resp: 10355

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.1	19.7
176	19.9	16.0	24.0

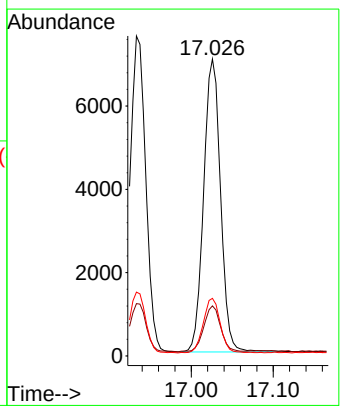


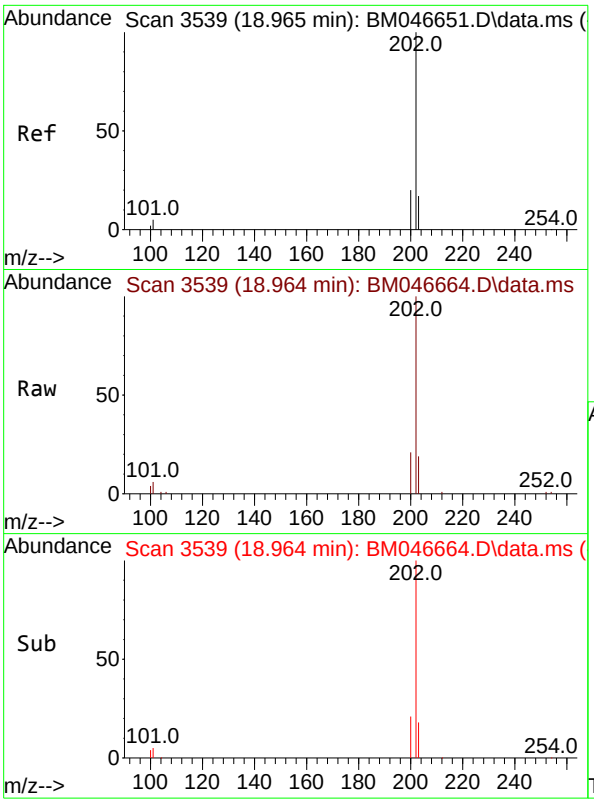


#16
Anthracene
Concen: 0.310 ng/ul
RT: 17.026 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Tgt Ion:178 Resp: 10101

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.5	20.3
176	19.4	15.7	23.5



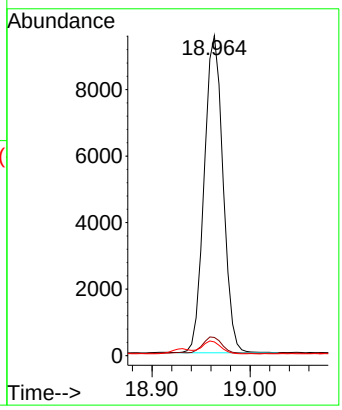


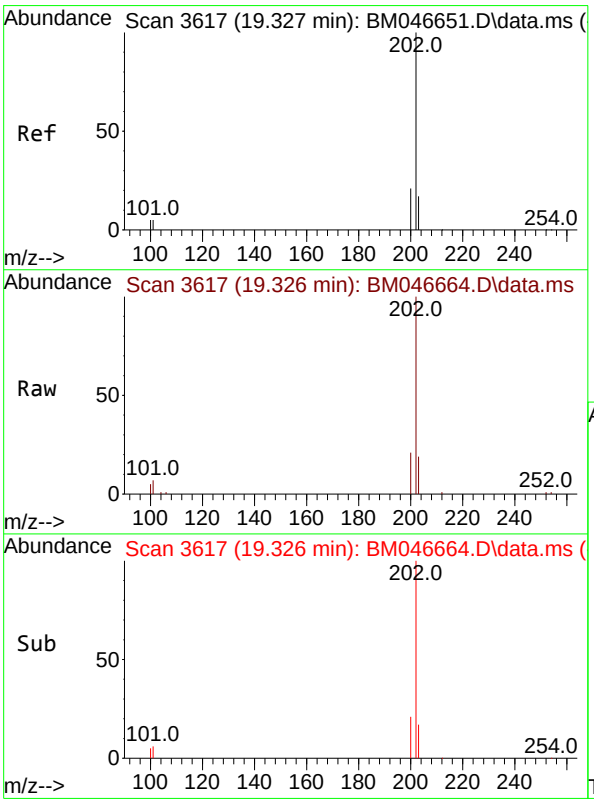
#19
Fluoranthene
Concen: 0.333 ng/ul
RT: 18.964 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Instrument :
BNA_M
ClientSampleId :
SLCS887

Tgt Ion:202 Resp: 12734

Ion	Ratio	Lower	Upper
202	100		
101	5.7	4.6	6.8
100	4.3	3.0	4.6

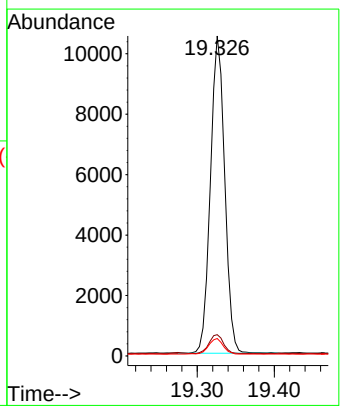


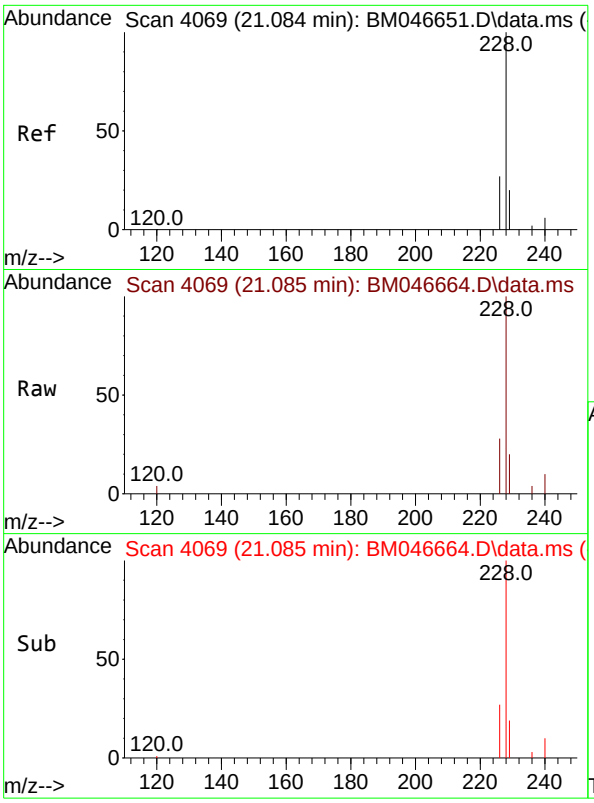


#20
Pyrene
Concen: 0.327 ng/ul
RT: 19.326 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Tgt Ion:202 Resp: 13533

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.1	7.7
100	5.4	3.8	5.6



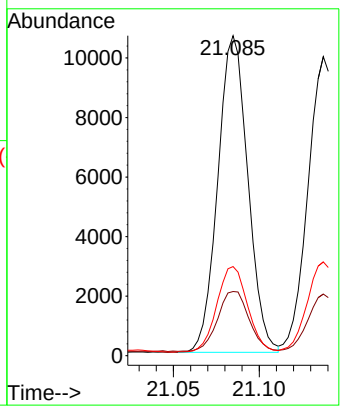


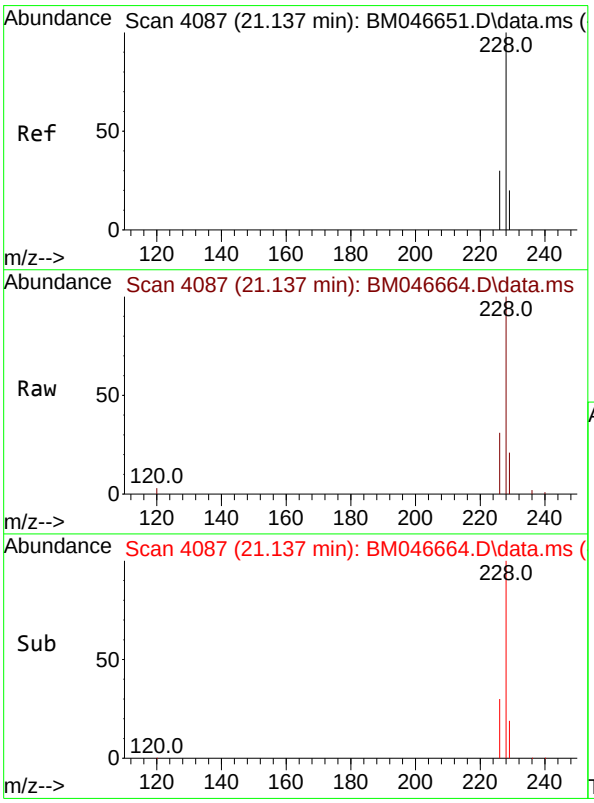
#21
Benzo(a)anthracene
Concen: 0.314 ng/ul
RT: 21.085 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Instrument :
BNA_M
ClientSampleId :
SLCS887

Tgt Ion:228 Resp: 12962

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.5	24.7
226	27.8	22.5	33.7

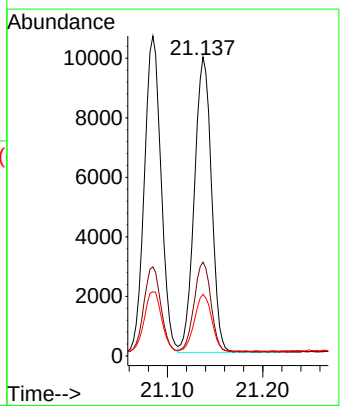


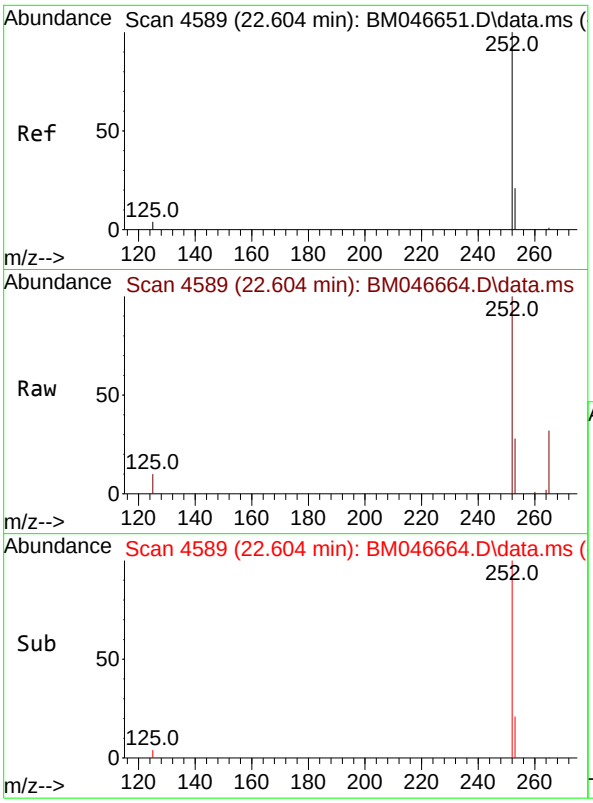


#22
Chrysene
Concen: 0.310 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Tgt Ion:228 Resp: 12378

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.3	36.5
229	20.6	16.4	24.6



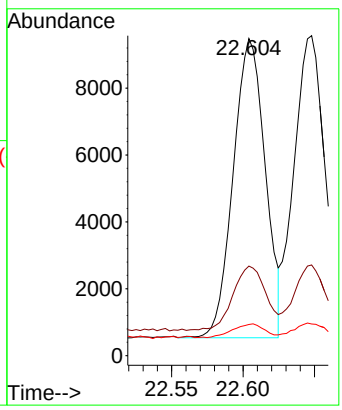


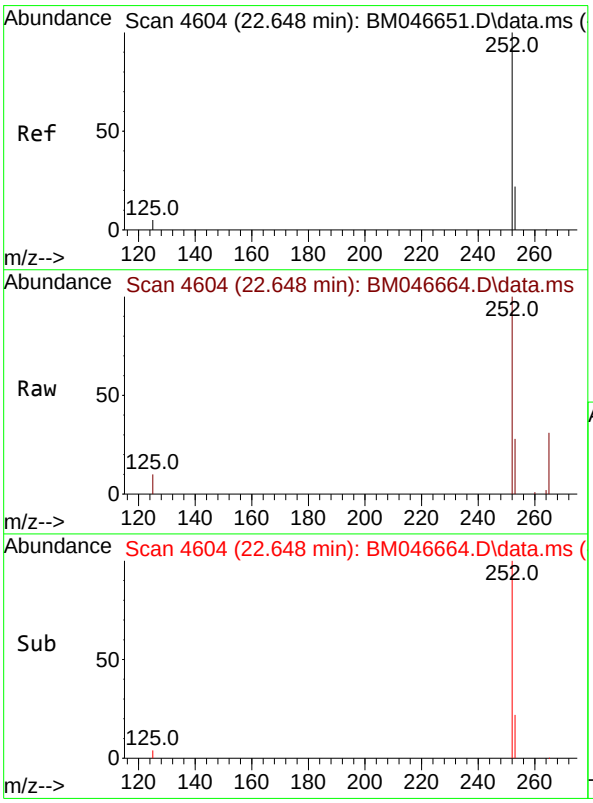
#24
Benzo(b)fluoranthene
Concen: 0.310 ng/ul
RT: 22.604 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Instrument :
BNA_M
ClientSampleId :
SLCS887

Tgt Ion:252 Resp: 13930

Ion	Ratio	Lower	Upper
252	100		
253	28.2	0.0	56.2
125	9.8	0.0	17.8

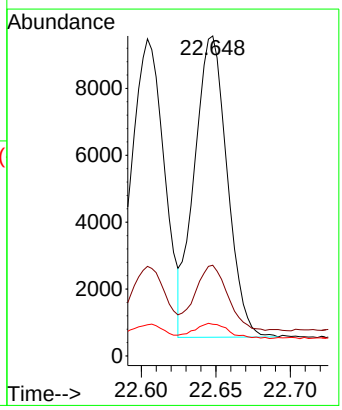


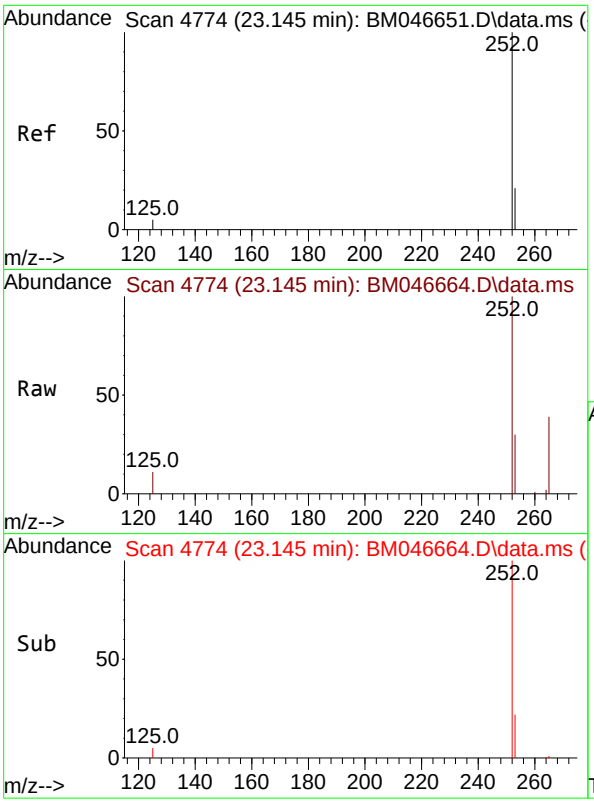


#25
Benzo(k)fluoranthene
Concen: 0.313 ng/ul
RT: 22.648 min Scan# 4604
Delta R.T. -0.003 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Tgt Ion:252 Resp: 13770

Ion	Ratio	Lower	Upper
252	100		
253	28.4	22.4	33.6
125	9.9	7.0	10.4



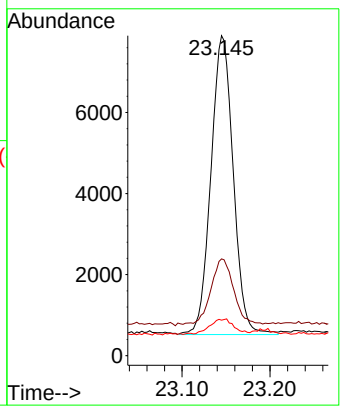


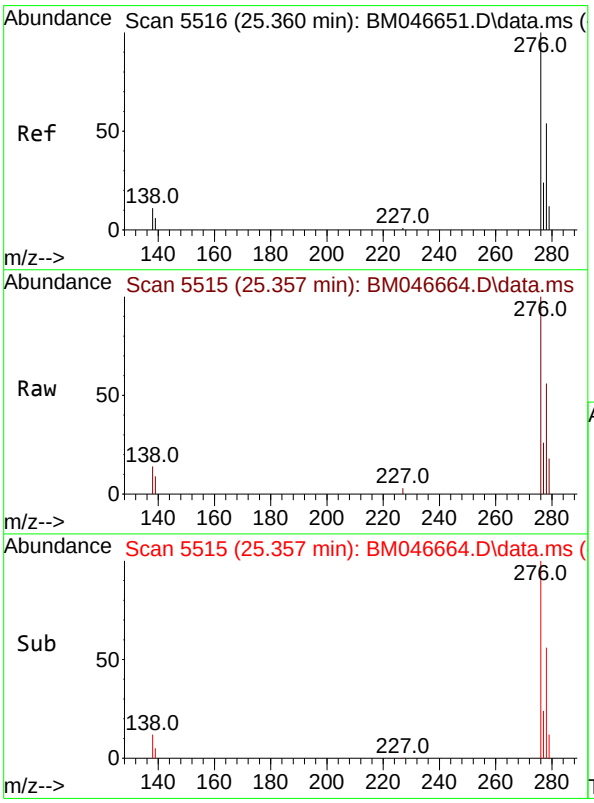
#26
Benzo(a)pyrene
Concen: 0.353 ng/ul
RT: 23.145 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Instrument :
BNA_M
ClientSampleId :
SLCS887

Tgt Ion:252 Resp: 13016

Ion	Ratio	Lower	Upper
252	100		
253	30.2	24.0	36.0
125	11.1	8.2	12.2

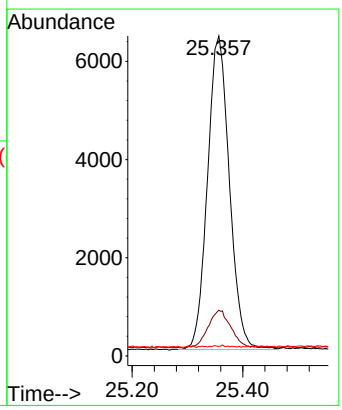


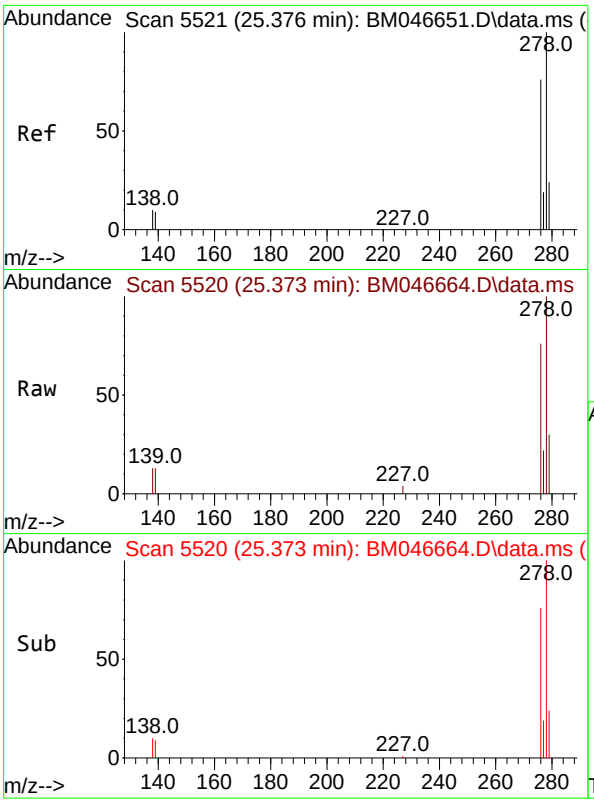


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.313 ng/ul
RT: 25.357 min Scan# 5515
Delta R.T. -0.003 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Tgt Ion:276 Resp: 17576

Ion	Ratio	Lower	Upper
276	100		
138	12.8	0.0	0.0#
227	0.1	0.2	0.2#



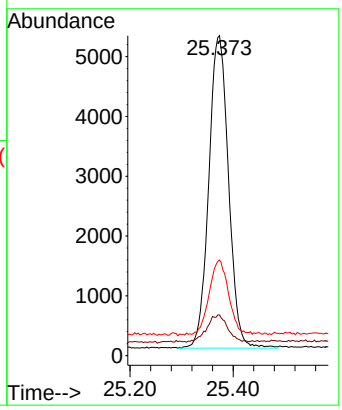


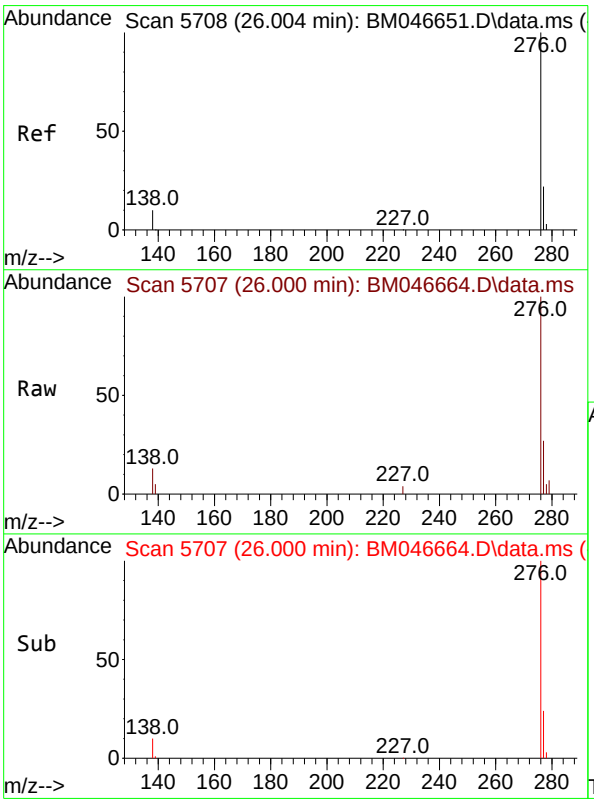
#28
Dibenzo(a,h)anthracene
Concen: 0.312 ng/ul
RT: 25.373 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Instrument :
BNA_M
ClientSampleId :
SLCS887

Tgt Ion:278 Resp: 13900

Ion	Ratio	Lower	Upper
278	100		
139	12.7	9.1	13.7
279	29.9	23.2	34.8





#29
Benzo(g,h,i)perylene
Concen: 0.306 ng/ul
RT: 26.000 min Scan# 5707
Delta R.T. -0.003 min
Lab File: BM046664.D
Acq: 17 Jul 2024 10:48

Tgt Ion:276 Resp: 13712

Ion	Ratio	Lower	Upper
276	100		
138	13.0	10.2	15.4
277	27.2	20.9	31.3