Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046444.D
Acq On : 08 Jul 2024 20:04
Operator : MA/JU
Sample : SSTDCCC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4156

Quant Time: Jul 09 00:59:00 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	5951	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	16269	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.177	164	9689	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.925	188	18257	0.400	ng/ul	-0.01
17) Chrysene-d12	21.129	240	11117	0.400	ng/ul	-0.01
23) Perylene-d12	23.283	264	11593	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	1644	0.267	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	10281	0.427	ng/ul	0.00
18) Fluoranthene-d10	18.964	212	16104	0.414	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	1770	0.254	ng/ul	93
5) Naphthalene	10.341	128	17292	0.400	ng/ul	100
7) 2-Methylnaphthalene	11.969	142	11713	0.401	ng/ul	99
8) 1-Methylnaphthalene	12.189	142	12280	0.408	ng/ul	99
10) Acenaphthylene	13.890	152	19539	0.397	ng/ul	100
11) Acenaphthene	14.237	153	12857	0.401	ng/ul	97
12) Fluorene	15.232	166	14544	0.384	ng/ul	99
14) Pentachlorophenol	16.579	266	2455	0.461	ng/ul	99
15) Phenanthrene	16.967	178	21291	0.389	ng/ul	99
16) Anthracene	17.056	178	20603	0.389	ng/ul	100
19) Fluoranthene	18.992	202	22606	0.402	ng/ul	97
20) Pyrene	19.354	202	22754	0.394	ng/ul#	94
21) Benzo(a)anthracene	21.114	228	19956	0.402	ng/ul	100
22) Chrysene	21.164	228	18716	0.379	ng/ul	98
24) Benzo(b)fluoranthene	22.642	252	18852	0.382	ng/ul	94
25) Benzo(k)fluoranthene	22.686	252	18243	0.367	ng/ul	94
26) Benzo(a)pyrene	23.189	252	16983	0.436	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.417	276	21130	0.402	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.441	278	16829	0.413	ng/ul	96
29) Benzo(g,h,i)perylene	26.064	276	17233	0.411	ng/ul	94

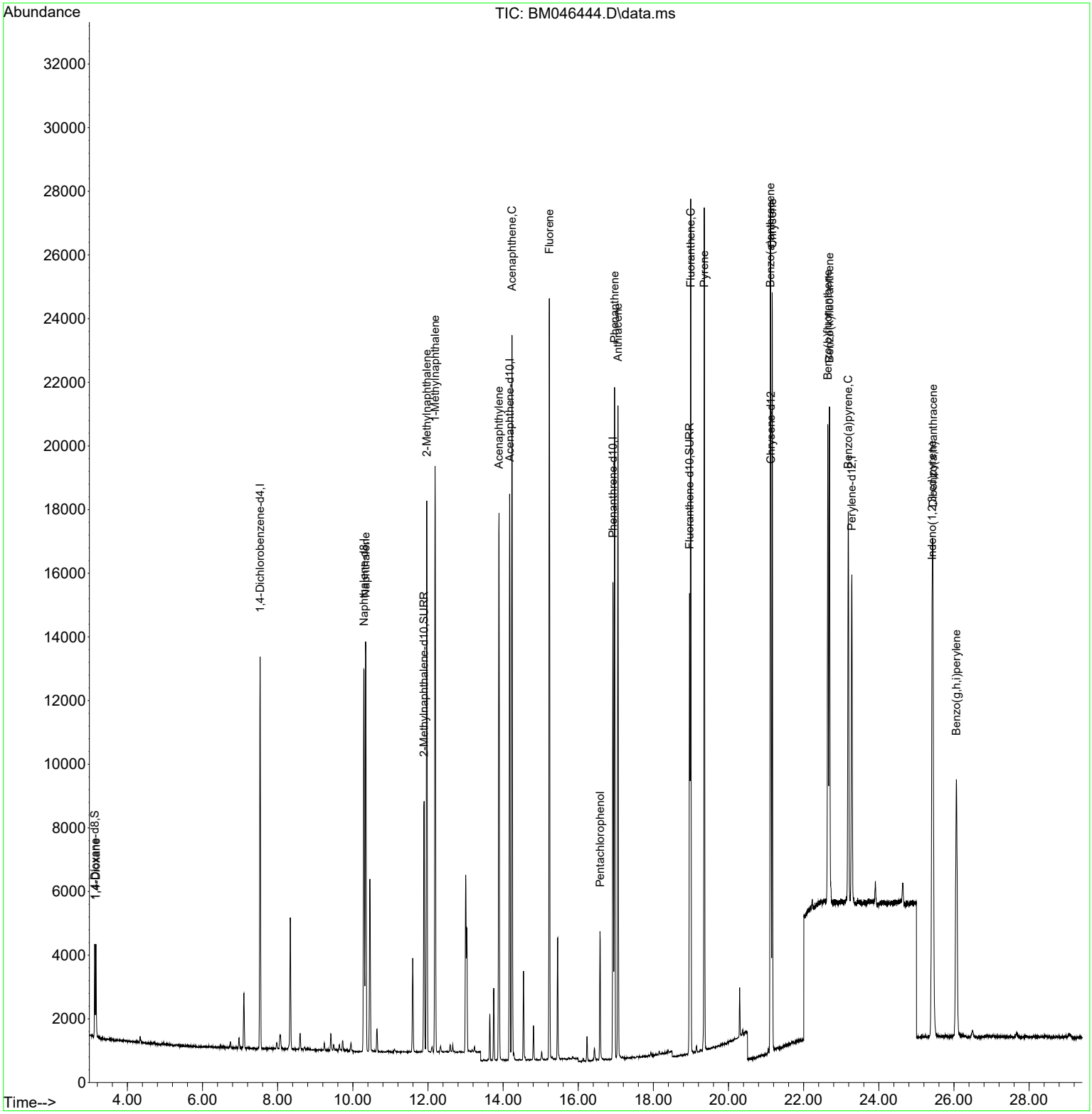
(#) = qualifier out of range (m) = manual integration (+) = signals summed

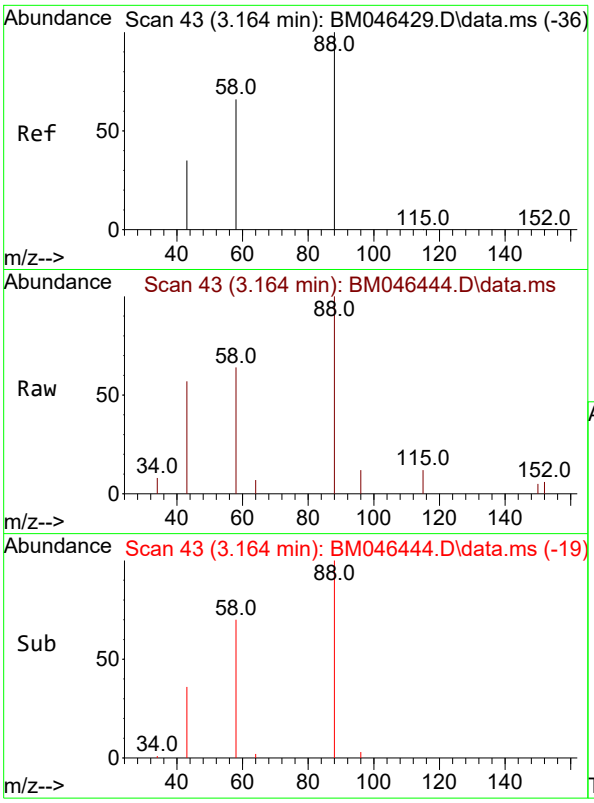
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046444.D
Acq On : 08 Jul 2024 20:04
Operator : MA/JU
Sample : SSTDCCC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4156

Quant Time: Jul 09 00:59:00 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



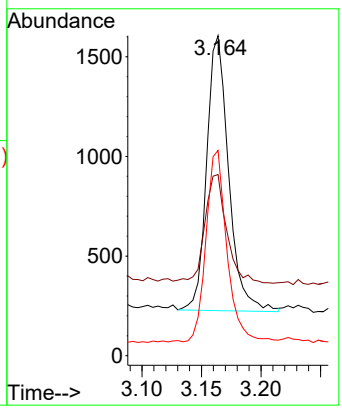


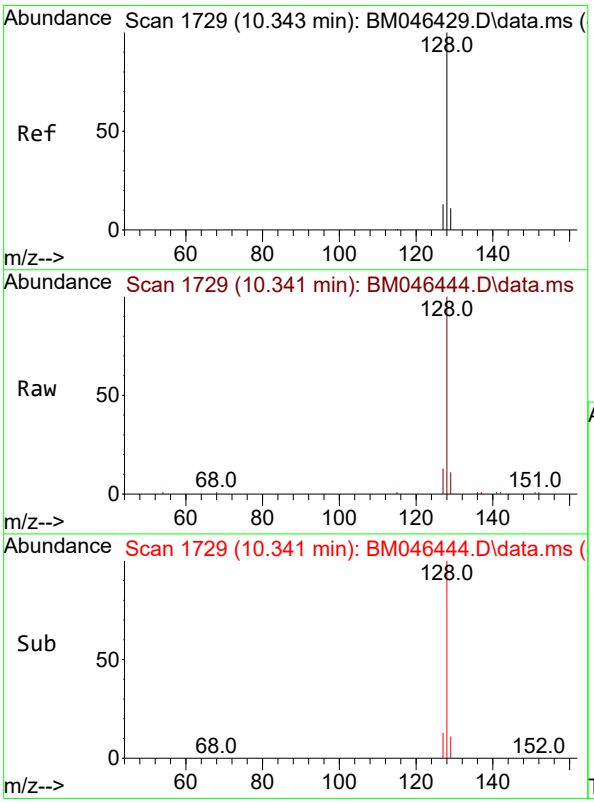
#2
1,4-Dioxane
Concen: 0.254 ng/ul
RT: 3.164 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.4156

Tgt Ion: 88 Resp: 1770

Ion	Ratio	Lower	Upper
88	100		
43	56.6	41.9	62.9
58	64.1	56.5	84.7

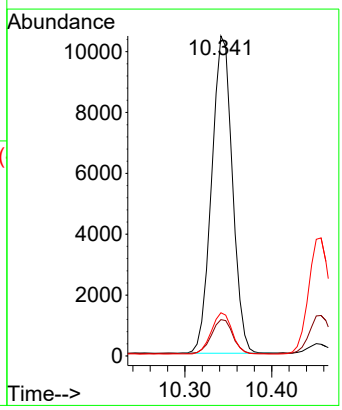


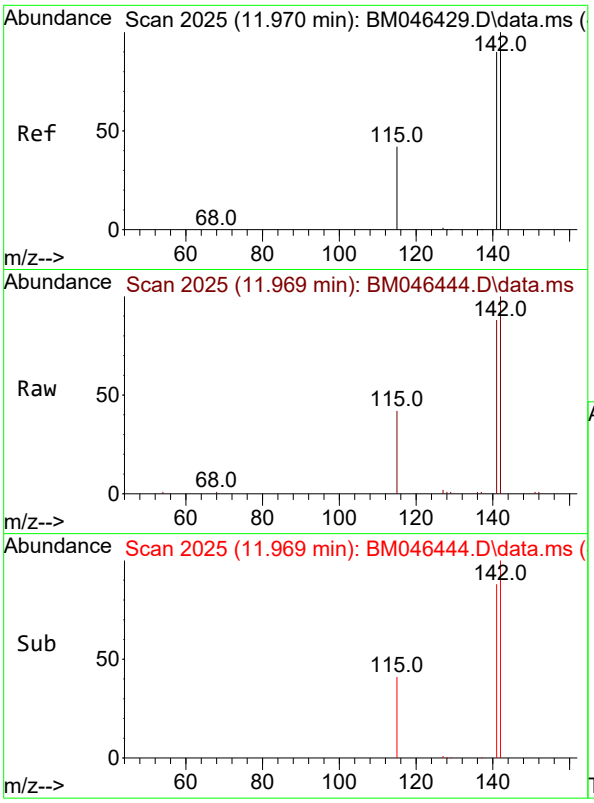


#5
Naphthalene
Concen: 0.400 ng/ul
RT: 10.341 min Scan# 1729
Delta R.T. -0.011 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Tgt Ion:128 Resp: 17292

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	13.5	10.8	16.2



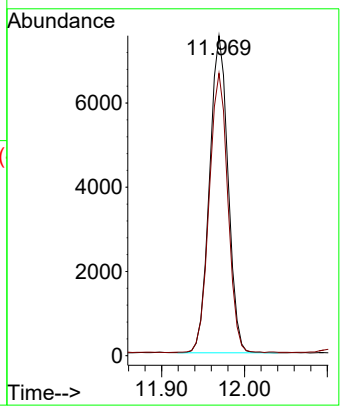


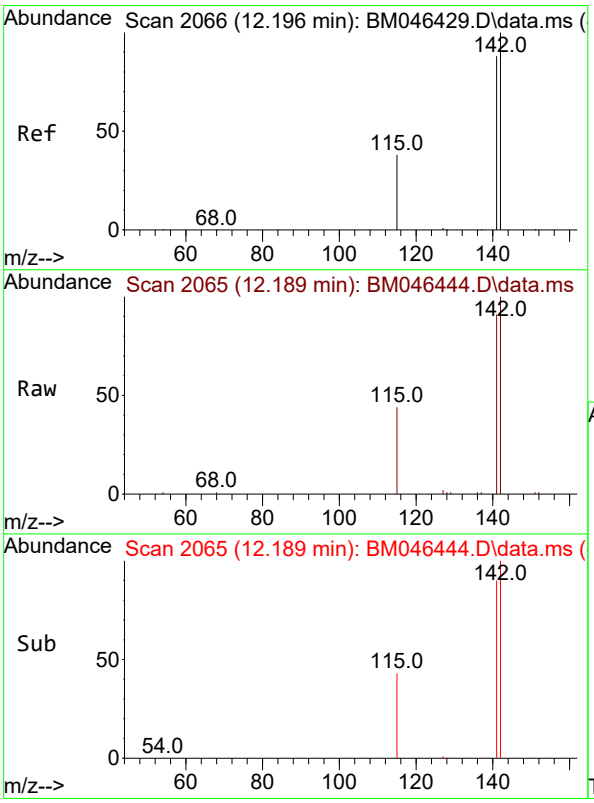
#7
2-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 11.969 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.4156

Tgt Ion:142 Resp: 11713

Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.8	104.6

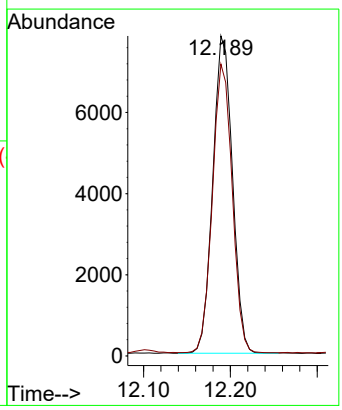


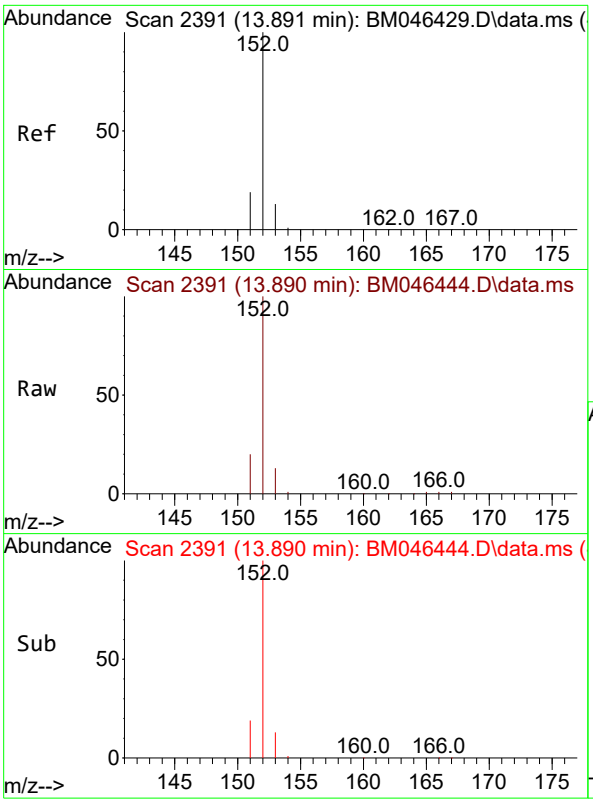


#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.189 min Scan# 2065
Delta R.T. -0.011 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Tgt Ion:142 Resp: 12280

Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.4	108.6



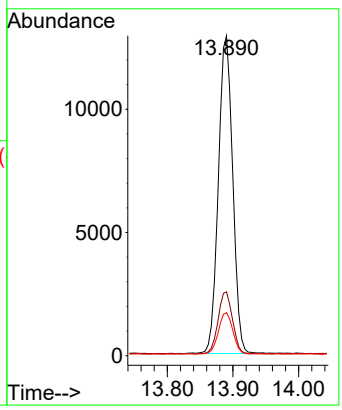


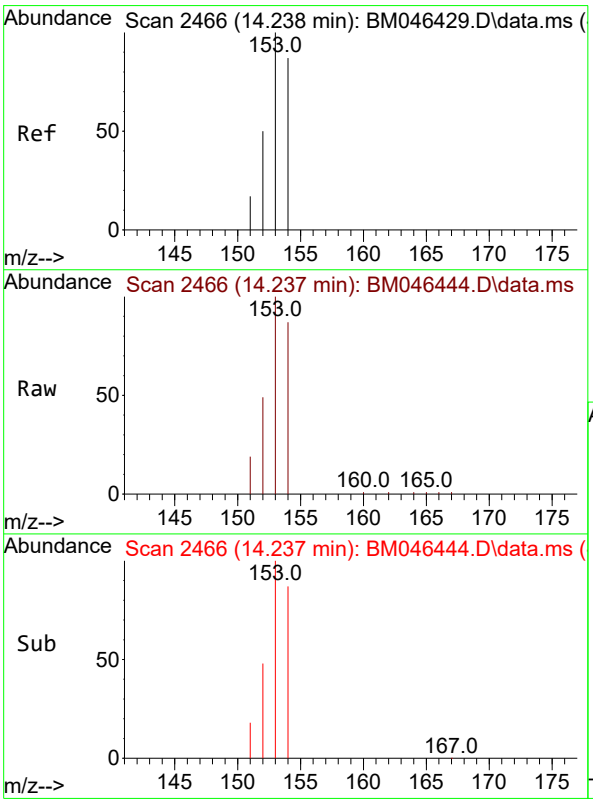
#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 13.890 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.4156

Tgt Ion:152 Resp: 19539

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.4	11.0	16.6

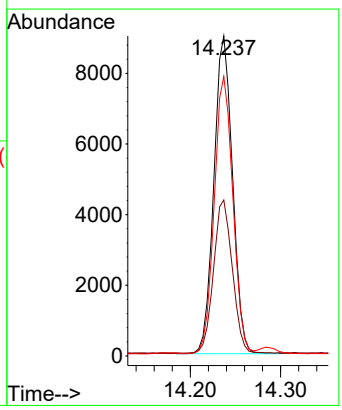


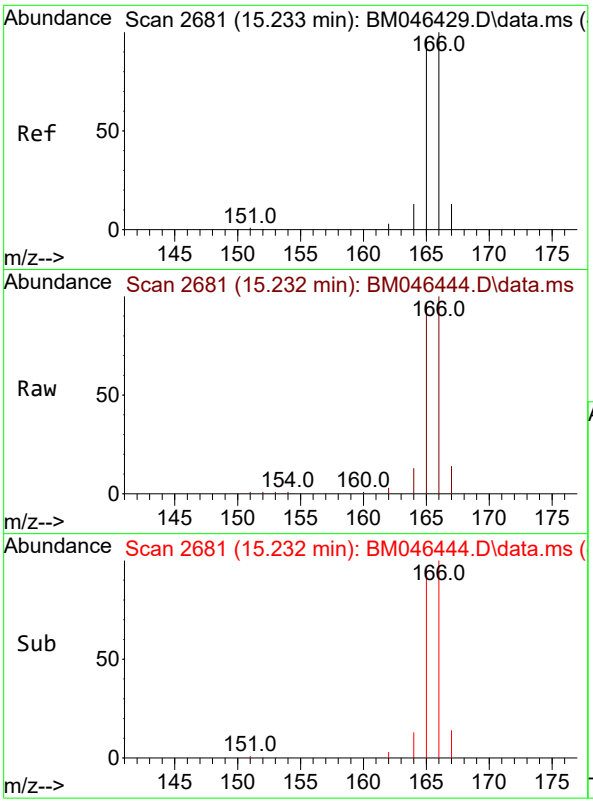


#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.237 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Tgt Ion:153 Resp: 12857

Ion	Ratio	Lower	Upper
153	100		
152	48.8	40.4	60.6
154	87.3	72.1	108.1



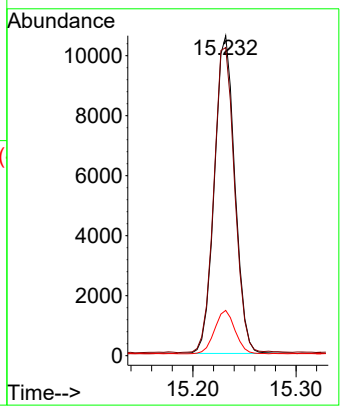


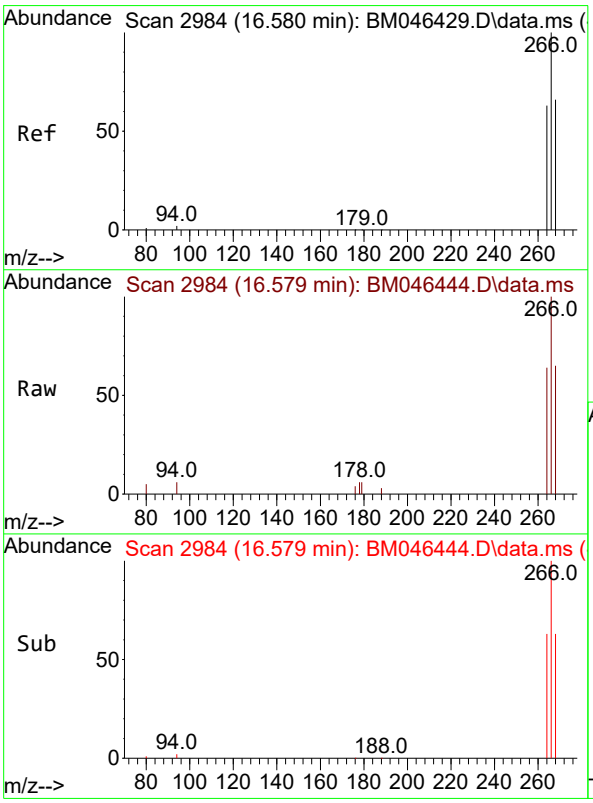
#12
Fluorene
Concen: 0.384 ng/ul
RT: 15.232 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.4156

Tgt Ion:166 Resp: 14544

Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.0	117.0
167	14.1	11.4	17.0

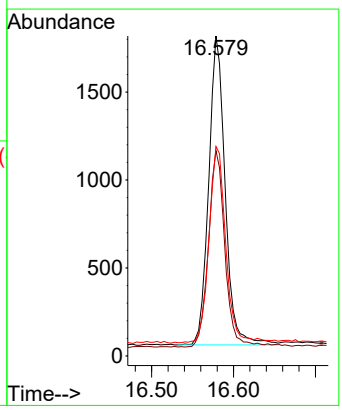


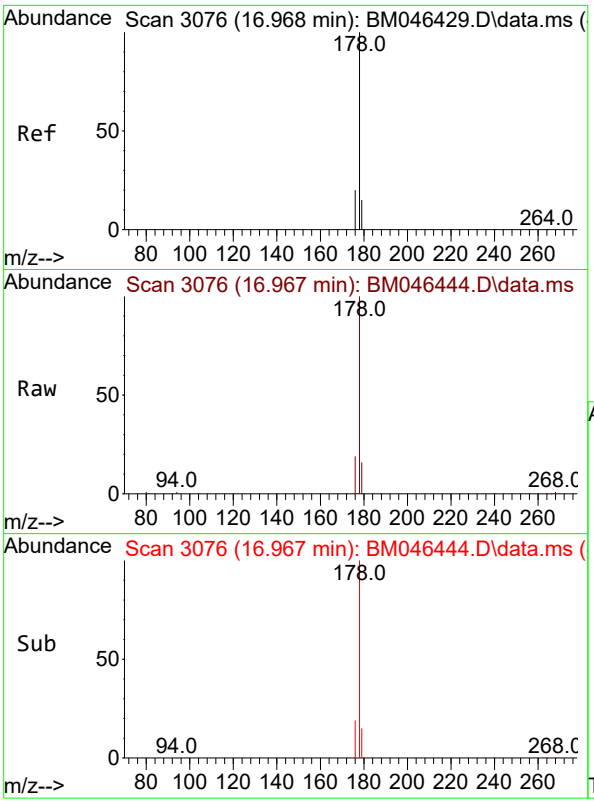


#14
Pentachlorophenol
Concen: 0.461 ng/ul
RT: 16.579 min Scan# 2984
Delta R.T. -0.008 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Tgt Ion:266 Resp: 2455

Ion	Ratio	Lower	Upper
266	100		
264	63.7	51.0	76.6
268	65.7	50.8	76.2



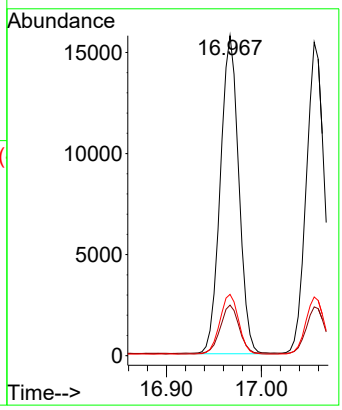


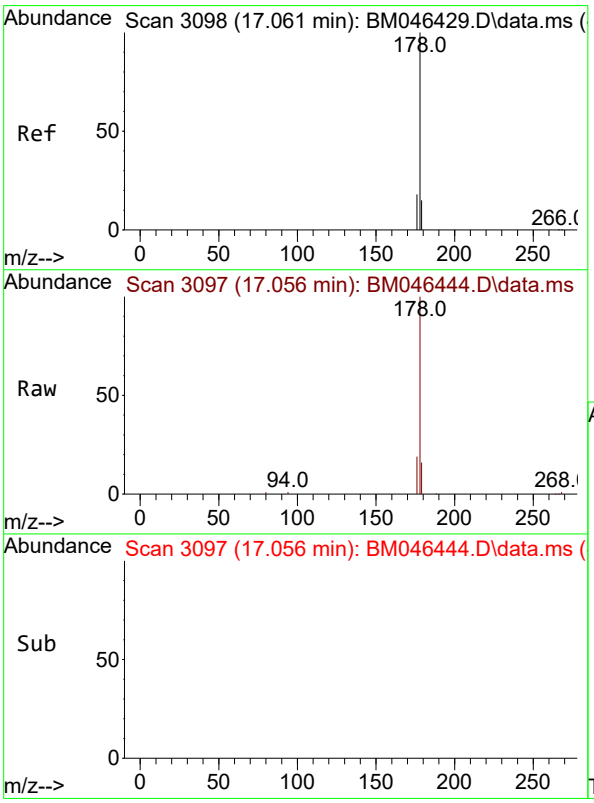
#15
Phenanthrene
Concen: 0.389 ng/ul
RT: 16.967 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.4156

Tgt Ion:178 Resp: 21291

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.7	19.1
176	19.1	16.0	24.0

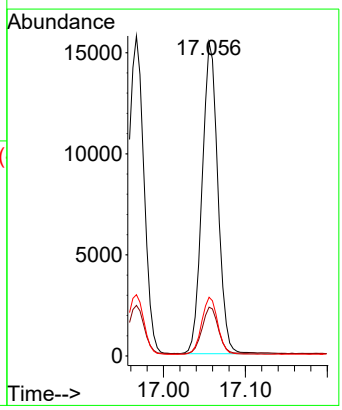


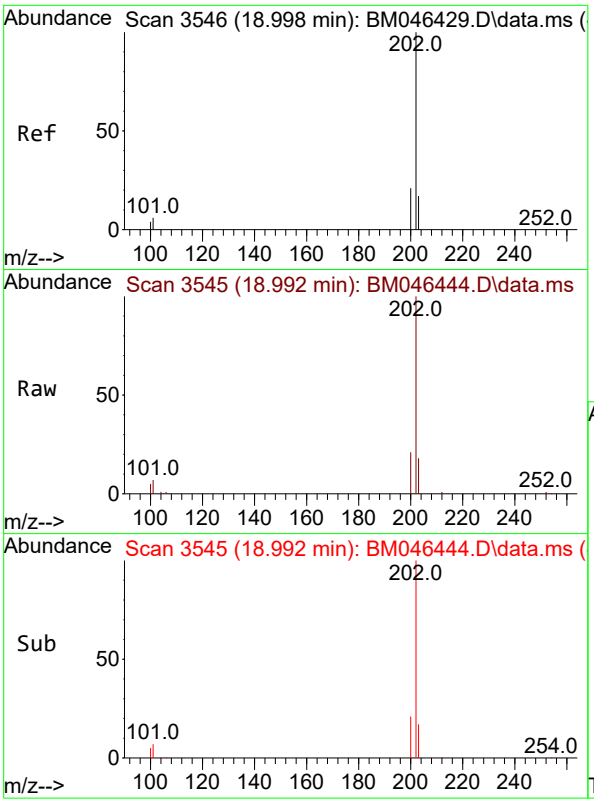


#16
Anthracene
Concen: 0.389 ng/ul
RT: 17.056 min Scan# 3097
Delta R.T. -0.012 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Tgt Ion:178 Resp: 20603

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	18.7	14.9	22.3



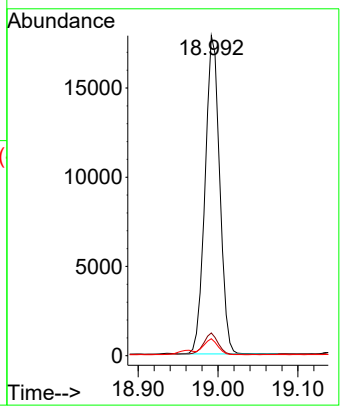


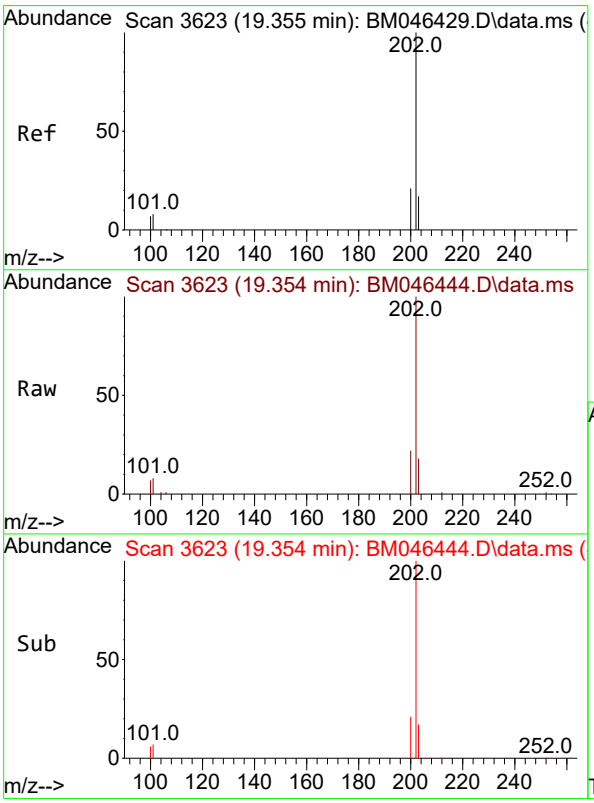
#19
Fluoranthene
Concen: 0.402 ng/ul
RT: 18.992 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.4156

Tgt Ion:202 Resp: 22606

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.3	9.5
100	5.3	5.0	7.6

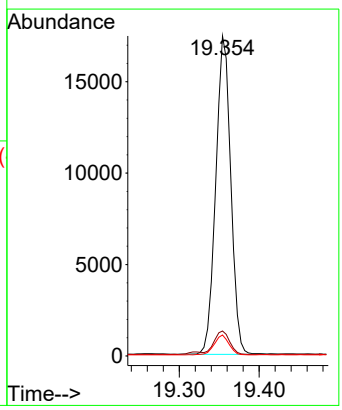


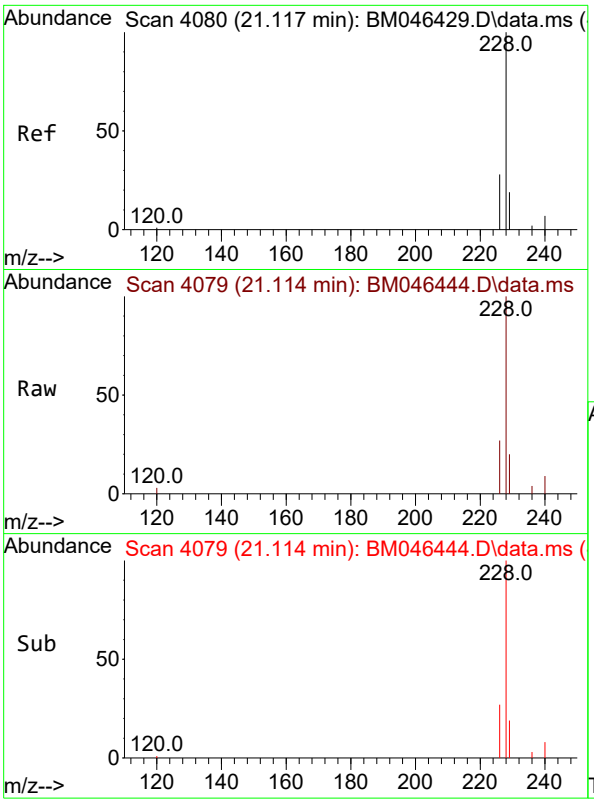


#20
Pyrene
Concen: 0.394 ng/ul
RT: 19.354 min Scan# 3623
Delta R.T. -0.009 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Tgt Ion:202 Resp: 22754

Ion	Ratio	Lower	Upper
202	100		
101	7.8	8.2	12.4#
100	6.6	6.9	10.3#



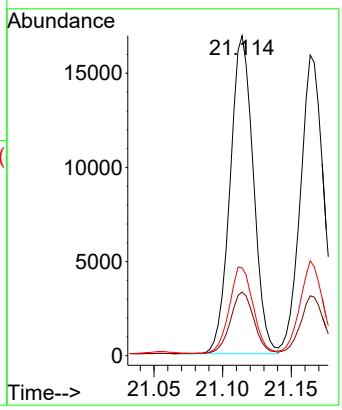


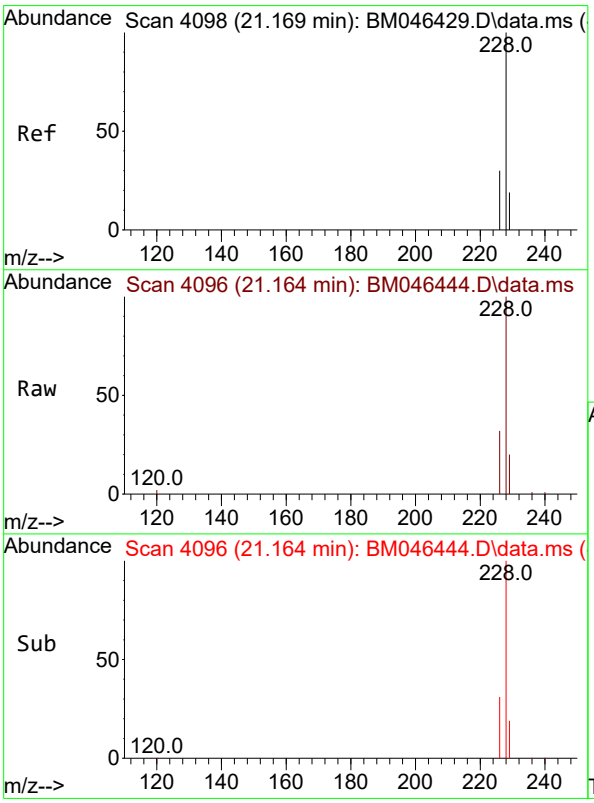
#21
Benzo(a)anthracene
Concen: 0.402 ng/ul
RT: 21.114 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.4156

Tgt Ion:228 Resp: 19956

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.6
226	27.5	22.0	33.0

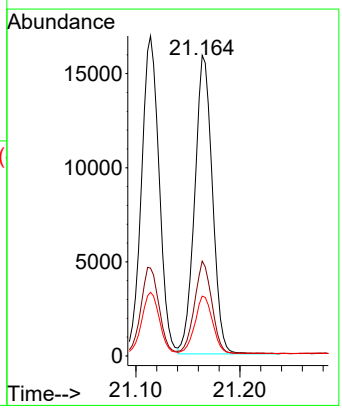


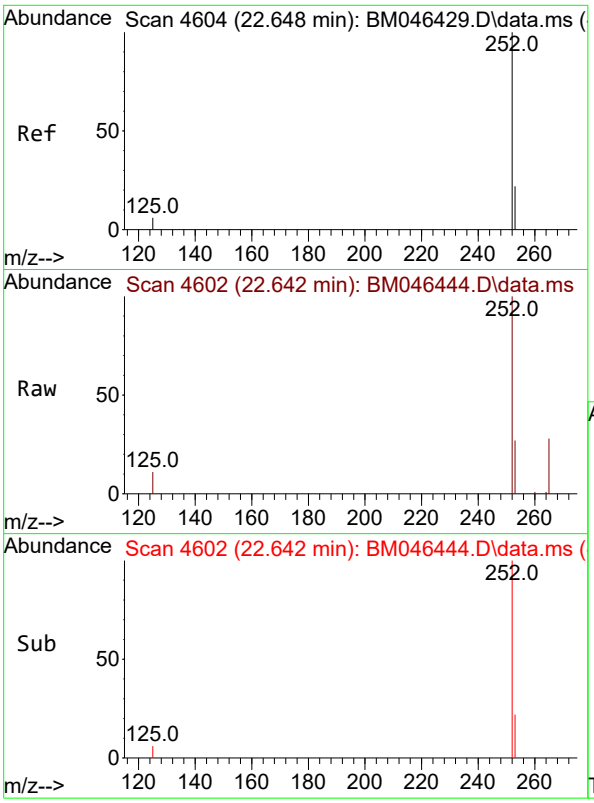


#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.164 min Scan# 4096
Delta R.T. -0.014 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Tgt Ion:228 Resp: 18716

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.1	36.1
229	19.9	15.8	23.6



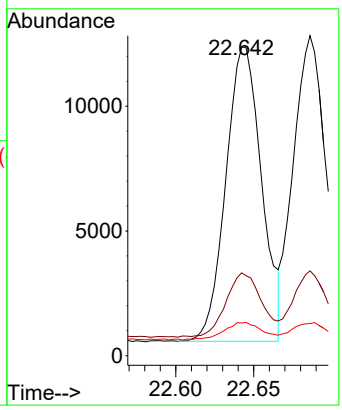


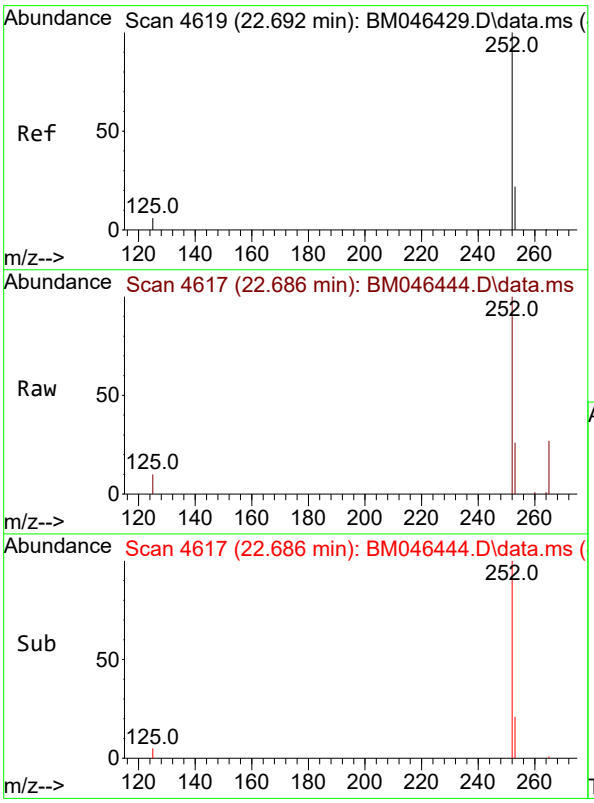
#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 22.642 min Scan# 4
Delta R.T. -0.020 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.4156

Tgt Ion:252 Resp: 18852

Ion	Ratio	Lower	Upper
252	100		
253	26.8	0.0	47.0
125	10.6	0.0	18.4

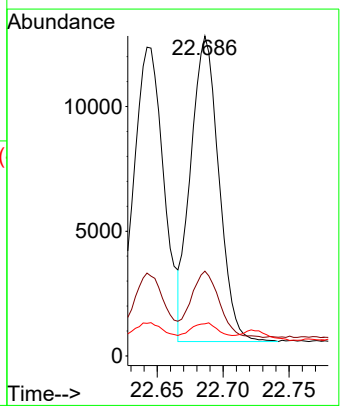


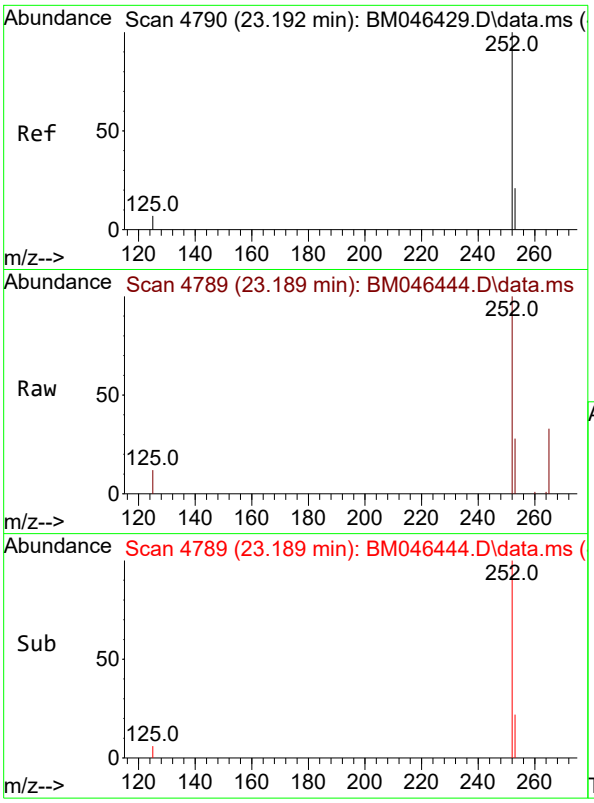


#25
Benzo(k)fluoranthene
Concen: 0.367 ng/ul
RT: 22.686 min Scan# 4617
Delta R.T. -0.020 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Tgt Ion:252 Resp: 18243

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.4	27.6
125	10.0	7.5	11.3



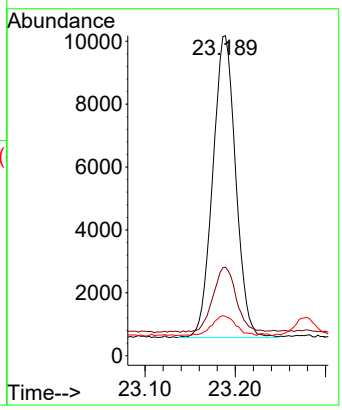


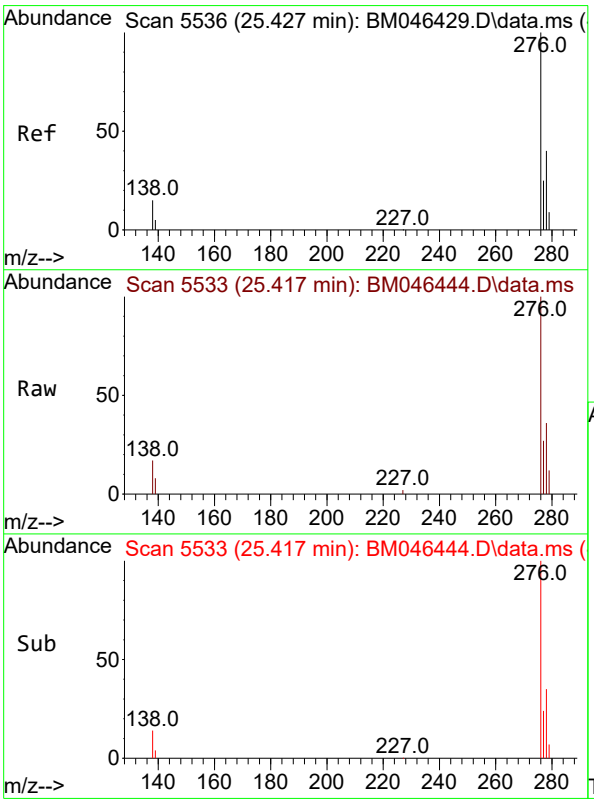
#26
Benzo(a)pyrene
Concen: 0.436 ng/ul
RT: 23.189 min Scan# 4
Delta R.T. -0.020 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.4156

Tgt Ion:252 Resp: 16983

Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.9	28.3
125	12.3	8.1	12.1#

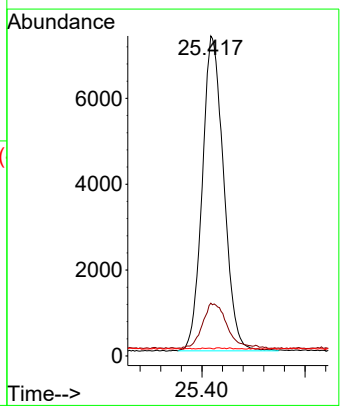


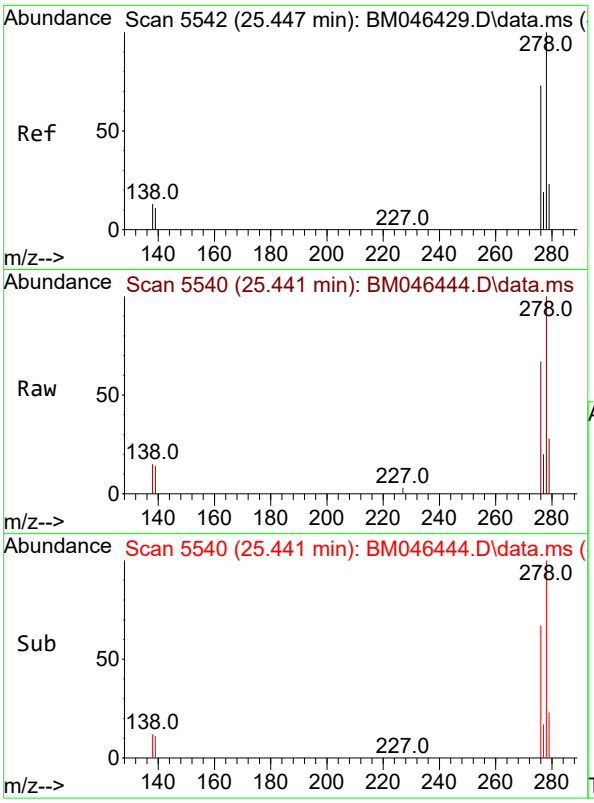


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/ul
RT: 25.417 min Scan# 5533
Delta R.T. -0.030 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Tgt Ion:276 Resp: 21130

Ion	Ratio	Lower	Upper
276	100		
138	16.4	15.7	23.5
227	0.1	0.1	0.1#



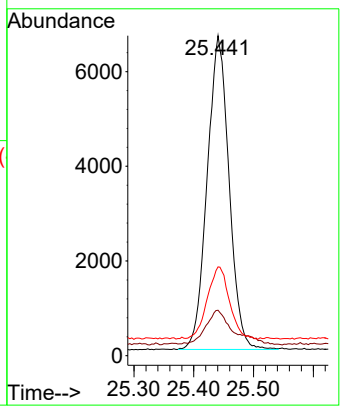


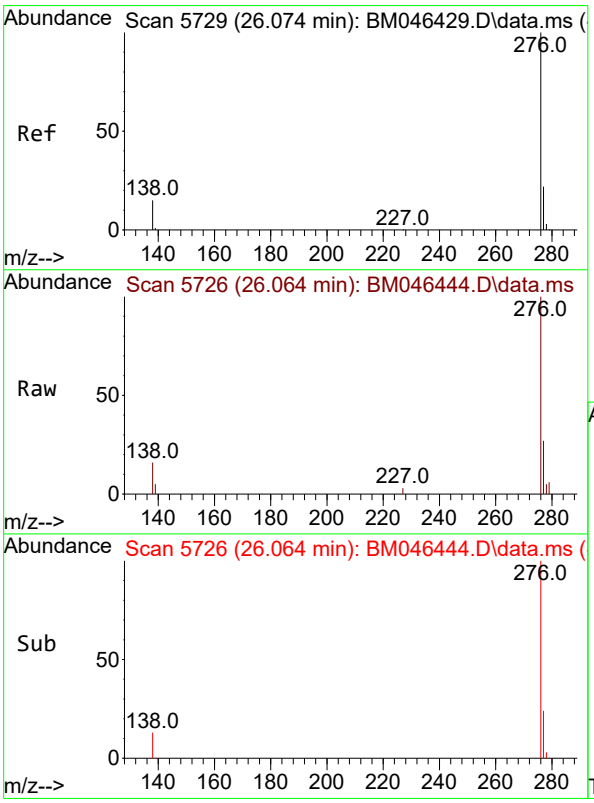
#28
Dibenzo(a,h)anthracene
Concen: 0.413 ng/ul
RT: 25.441 min Scan# 5
Delta R.T. -0.033 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Instrument :
BNA_M
ClientSampleId :
SSTD0.4156

Tgt Ion:278 Resp: 16829

Ion	Ratio	Lower	Upper
278	100		
139	14.2	12.6	18.8
279	27.8	20.7	31.1





#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 26.064 min Scan# 5726
Delta R.T. -0.027 min
Lab File: BM046444.D
Acq: 08 Jul 2024 20:04

Tgt Ion:276 Resp: 17233

Ion	Ratio	Lower	Upper
276	100		
138	16.0	15.4	23.0
277	27.1	19.7	29.5