Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
Data File : BM045471.D
Acq On : 21 Apr 2024 21:11
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 22 02:05:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 02:01:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1038	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.352	136	3118	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.219	164	1554	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	2935	0.400	ng/ul	-0.02
17) Chrysene-d12	21.202	240	2147	0.400	ng/ul	-0.01
23) Perylene-d12	23.400	264	3144	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	553	0.397	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.958	152	1625	0.395	ng/ul	-0.02
18) Fluoranthene-d10	19.029	212	2599	0.384	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	553	0.413	ng/ul	98
5) Naphthalene	10.402	128	3419	0.408	ng/ul	94
7) 2-Methylnaphthalene	12.030	142	1971	0.412	ng/ul	96
8) 1-Methylnaphthalene	12.239	142	2183	0.407	ng/ul	99
10) Acenaphthylene	13.941	152	3121	0.407	ng/ul	98
11) Acenaphthene	14.279	153	2319	0.407	ng/ul	98
12) Fluorene	15.292	166	2454	0.403	ng/ul	96
14) Pentachlorophenol	16.663	266	256	0.437	ng/ul	93
15) Phenanthrene	17.035	178	3469	0.406	ng/ul	97
16) Anthracene	17.136	178	3399	0.425	ng/ul	97
19) Fluoranthene	19.061	202	3796	0.383	ng/ul	95
20) Pyrene	19.424	202	3954	0.388	ng/ul	99
21) Benzo(a)anthracene	21.193	228	3077	0.448	ng/ul	95
22) Chrysene	21.240	228	3978	0.377	ng/ul	98
24) Benzo(b)fluoranthene	22.742	252	4357	0.412	ng/ul	96
25) Benzo(k)fluoranthene	22.786	252	5202	0.389	ng/ul	95
26) Benzo(a)pyrene	23.309	252	4553	0.415	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.598	276	6716	0.421	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.618	278	5317	0.421	ng/ul	91
29) Benzo(g,h,i)perylene	26.259	276	5804	0.405	ng/ul	97

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

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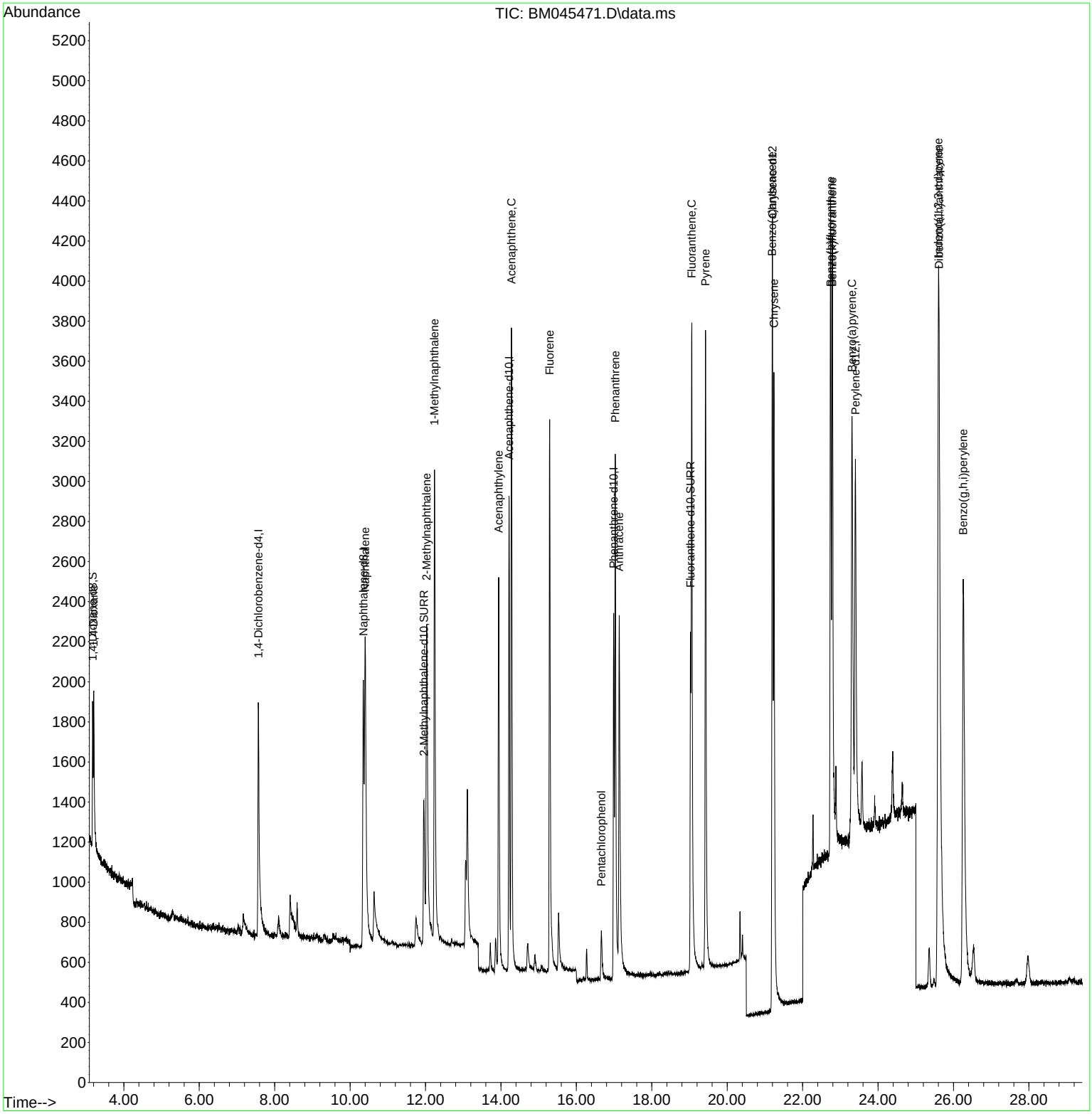
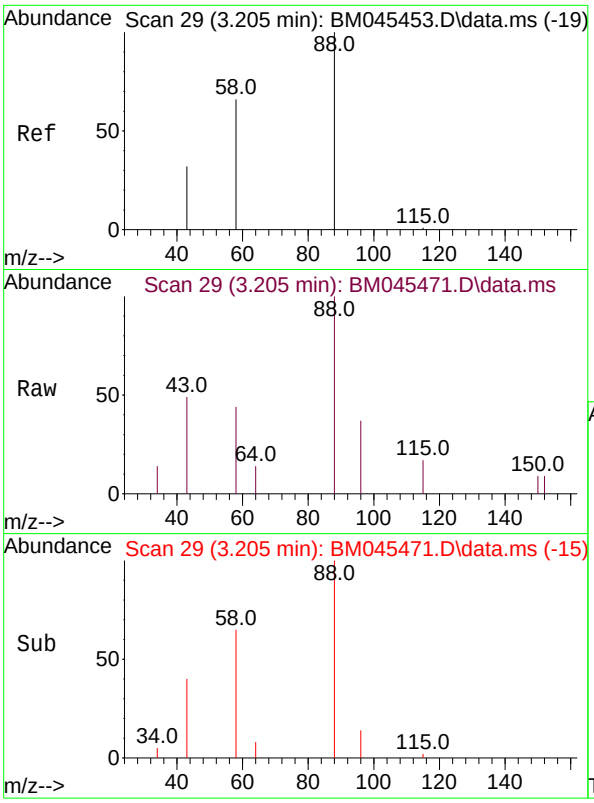


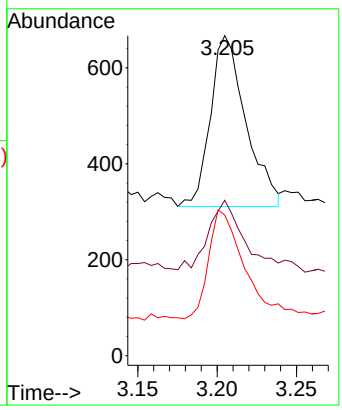


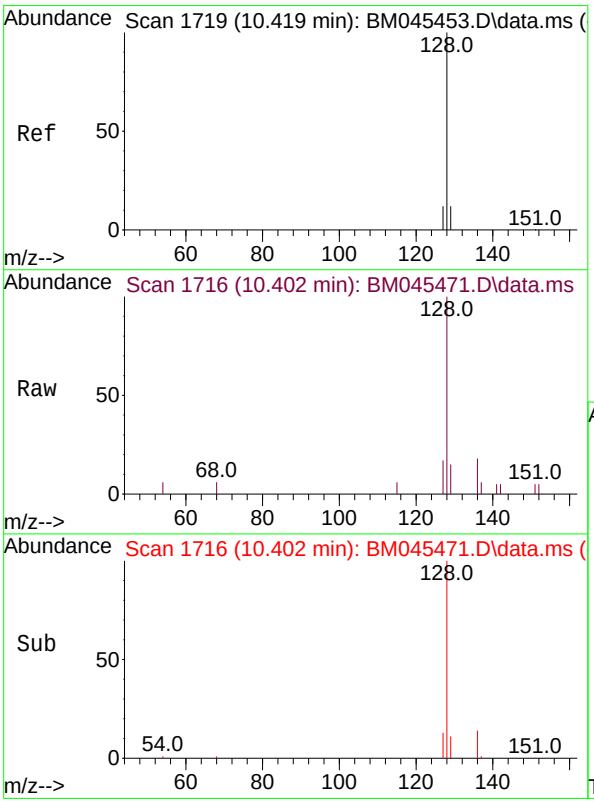
#2
1,4-Dioxane
Concen: 0.413 ng/ul
RT: 3.205 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 553

Ion	Ratio	Lower	Upper
88	100		
43	48.6	36.8	55.2
58	43.9	35.4	53.2

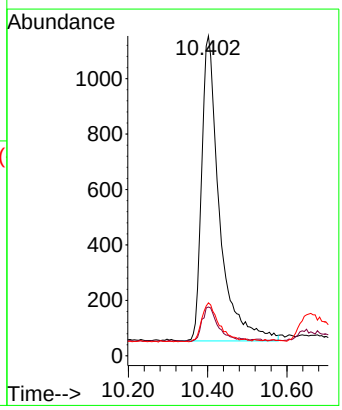


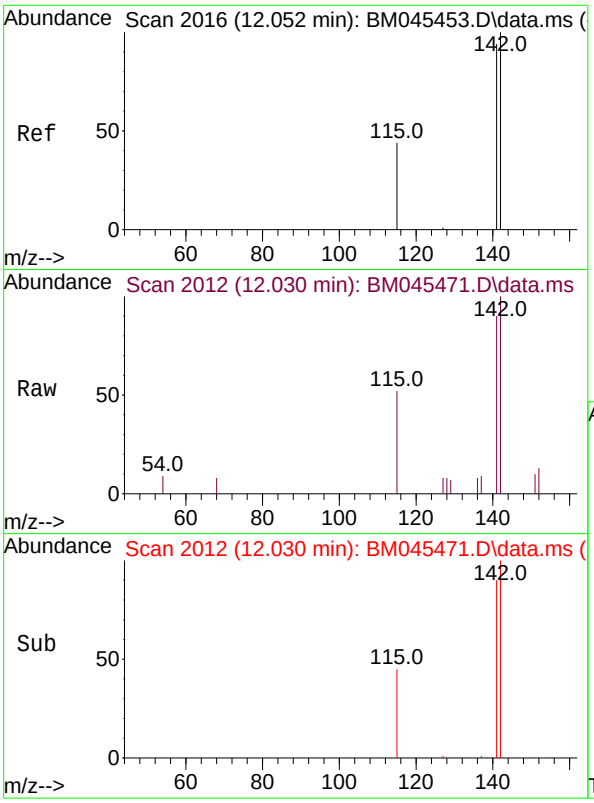


#5
Naphthalene
Concen: 0.408 ng/ul
RT: 10.402 min Scan# 1716
Delta R.T. -0.017 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Tgt Ion:128 Resp: 3419

Ion	Ratio	Lower	Upper
128	100		
129	15.3	14.0	21.0
127	16.6	15.4	23.2



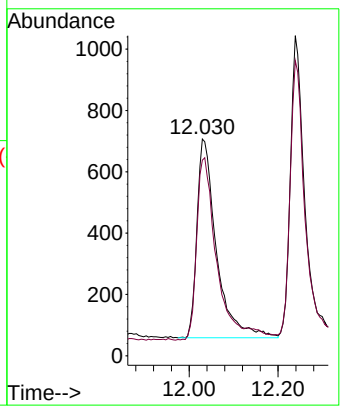


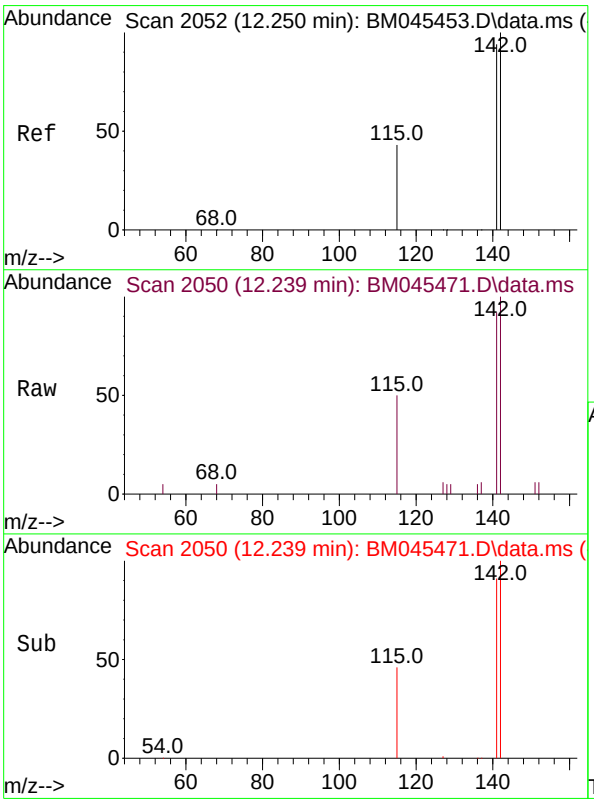
#7
2-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.030 min Scan# 2
Delta R.T. -0.022 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1971

Ion	Ratio	Lower	Upper
142	100		
141	96.7	74.6	111.8

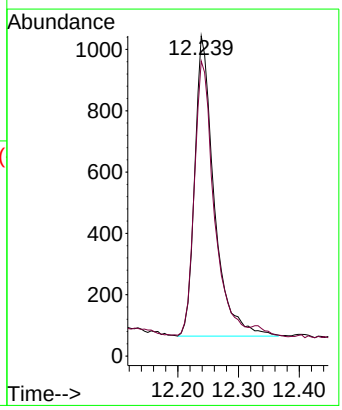


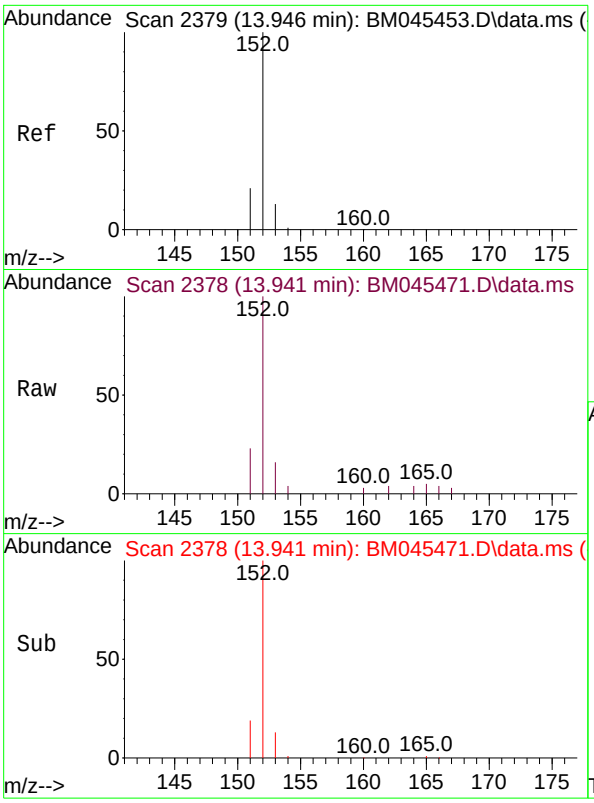


#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.239 min Scan# 2050
Delta R.T. -0.011 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Tgt Ion:142 Resp: 2183

Ion	Ratio	Lower	Upper
142	100		
141	94.0	76.1	114.1



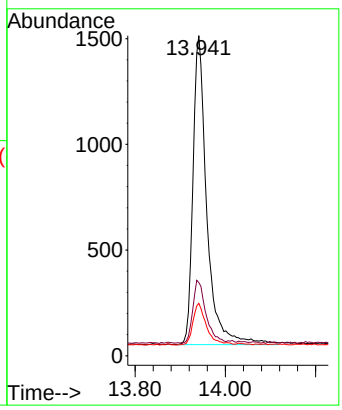


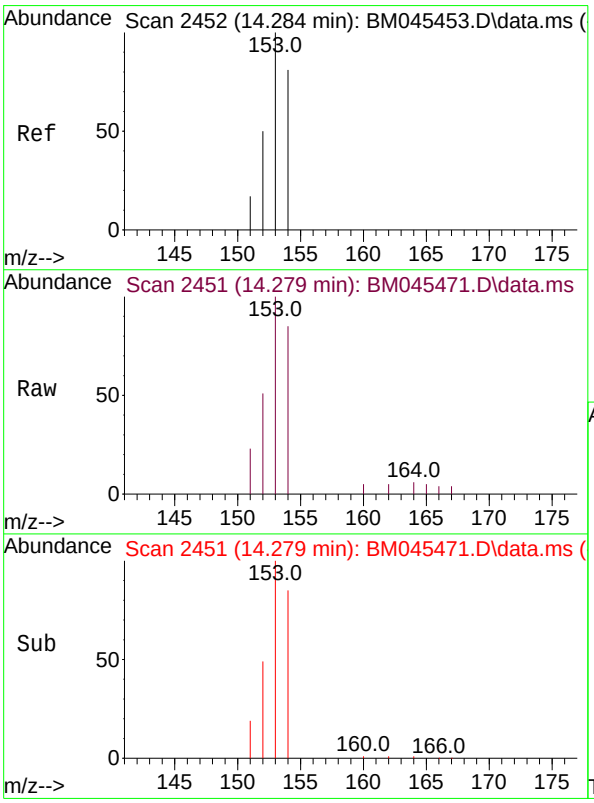
#10
Acenaphthylene
Concen: 0.407 ng/ul
RT: 13.941 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 3121

Ion	Ratio	Lower	Upper
152	100		
151	22.9	18.6	28.0
153	16.4	14.1	21.1

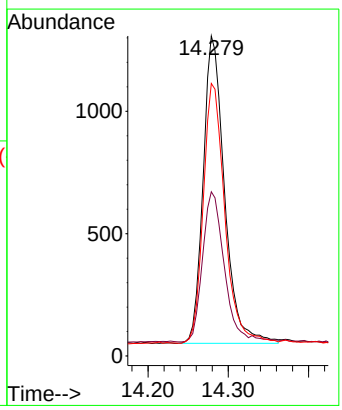


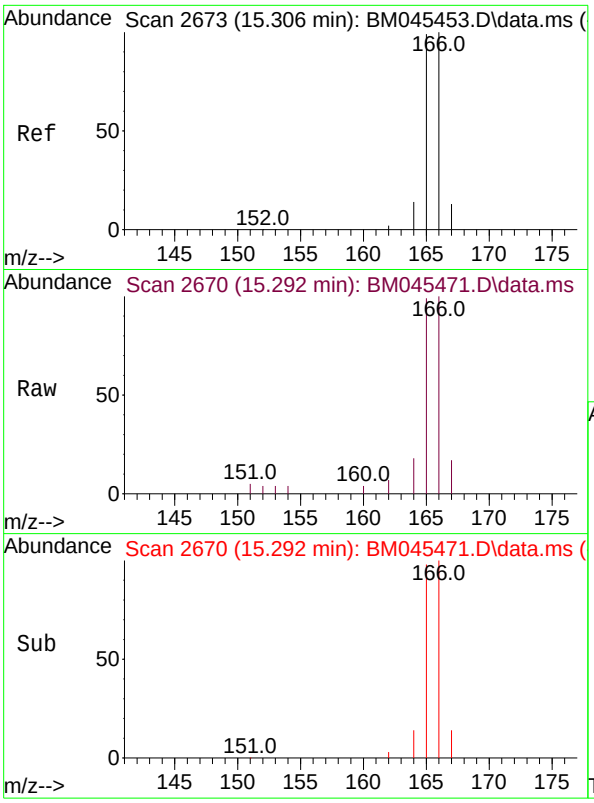


#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Tgt Ion:153 Resp: 2319

Ion	Ratio	Lower	Upper
153	100		
152	51.3	43.4	65.2
154	85.2	69.0	103.6



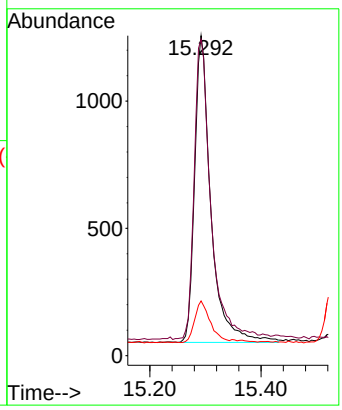


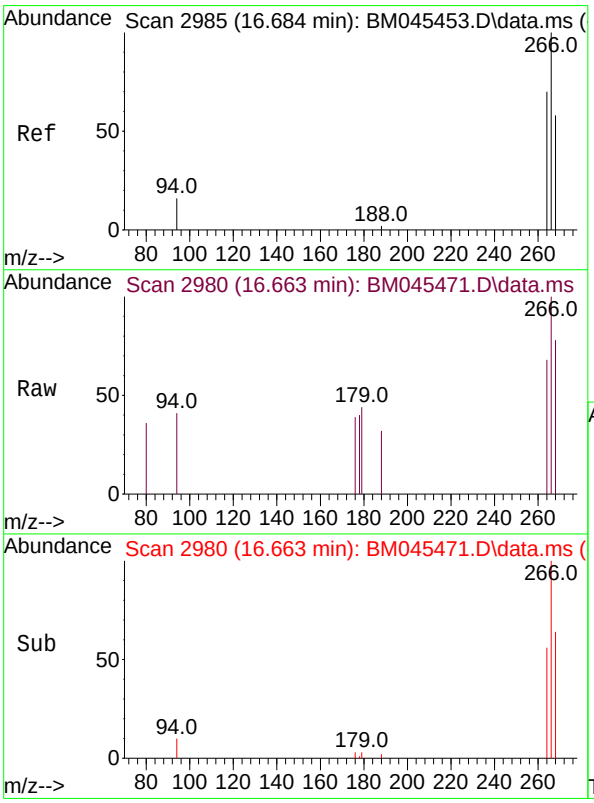
#12
Fluorene
Concen: 0.403 ng/ul
RT: 15.292 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 2454

Ion	Ratio	Lower	Upper
166	100		
165	98.8	82.2	123.2
167	17.1	14.8	22.2

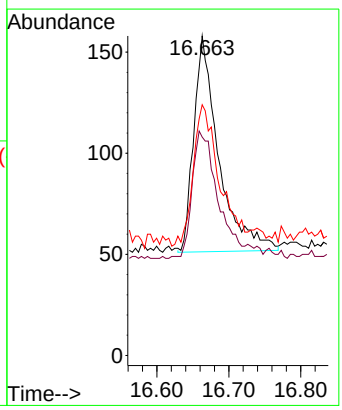


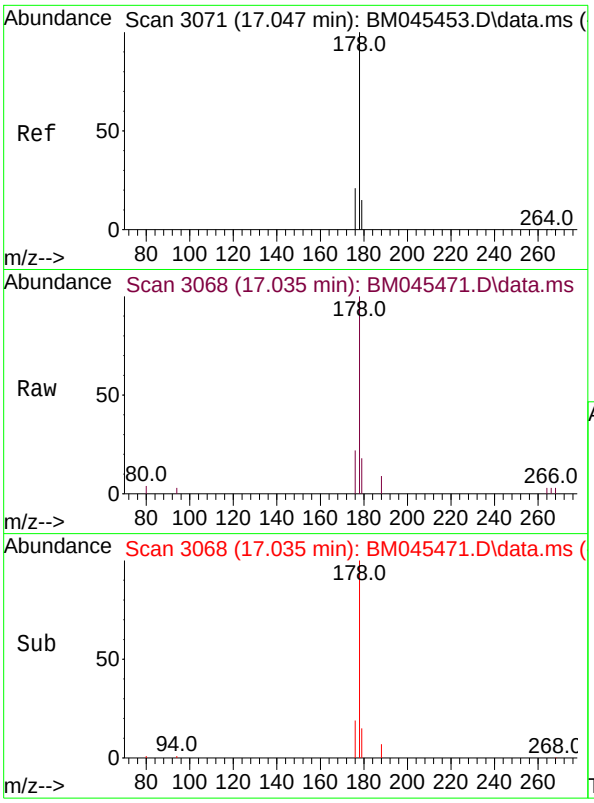


#14
Pentachlorophenol
Concen: 0.437 ng/ul
RT: 16.663 min Scan# 2980
Delta R.T. -0.021 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Tgt Ion:266 Resp: 256

Ion	Ratio	Lower	Upper
266	100		
264	63.7	45.5	68.3
268	74.6	56.1	84.1



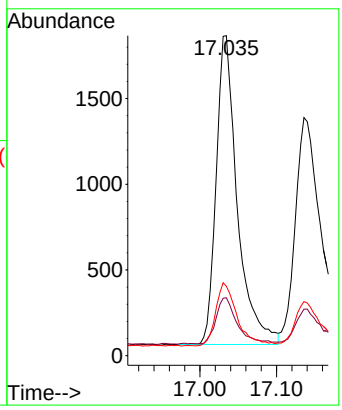


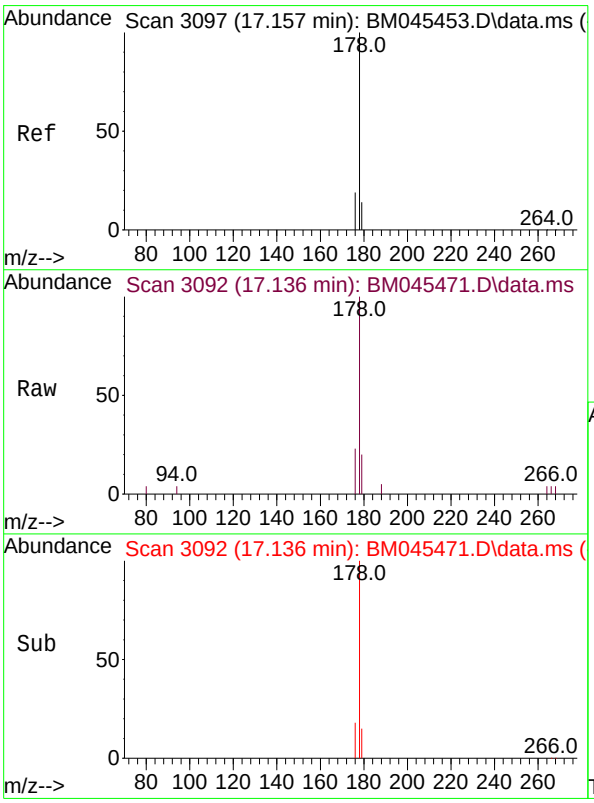
#15
Phenanthrene
Concen: 0.406 ng/ul
RT: 17.035 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3469

Ion	Ratio	Lower	Upper
178	100		
179	18.1	15.4	23.2
176	21.7	19.0	28.4

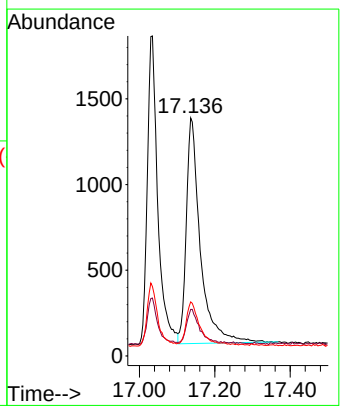


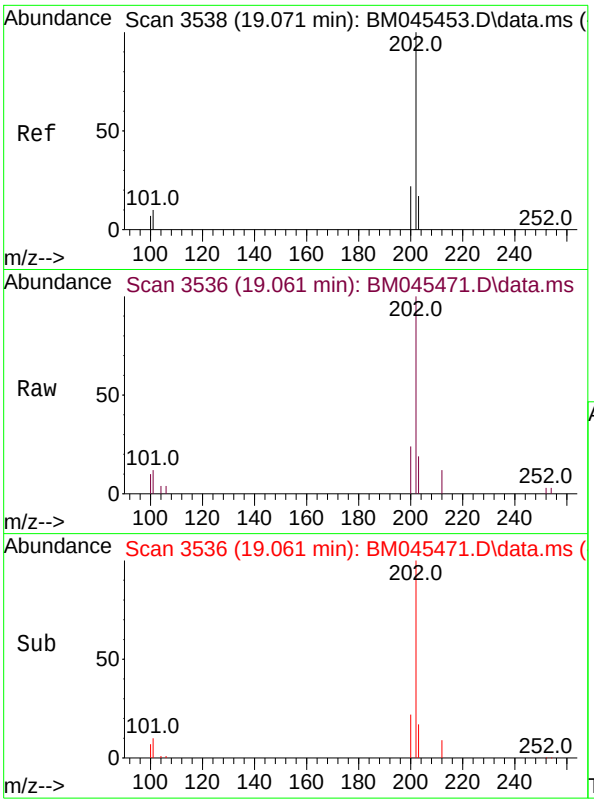


#16
Anthracene
Concen: 0.425 ng/ul
RT: 17.136 min Scan# 3092
Delta R.T. -0.021 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Tgt Ion:178 Resp: 3399

Ion	Ratio	Lower	Upper
178	100		
179	19.6	17.8	26.6
176	22.8	18.7	28.1



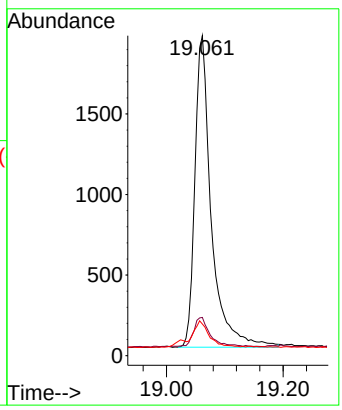


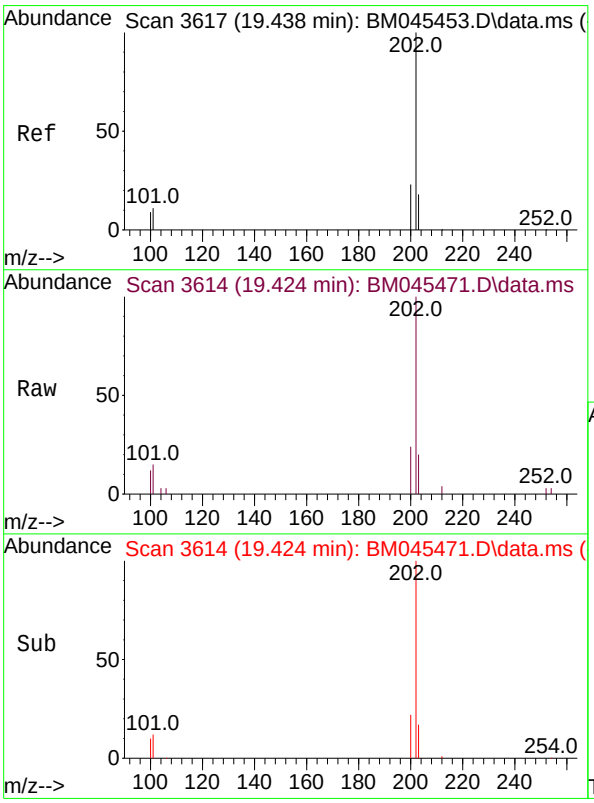
#19
Fluoranthene
Concen: 0.383 ng/ul
RT: 19.061 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3796

Ion	Ratio	Lower	Upper
202	100		
101	11.9	11.2	16.8
100	9.9	9.1	13.7

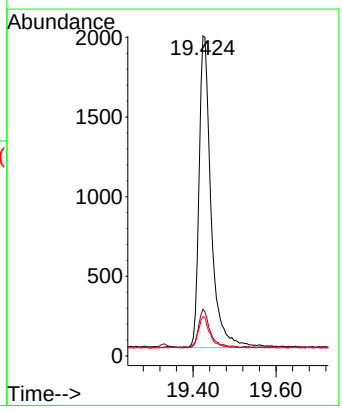


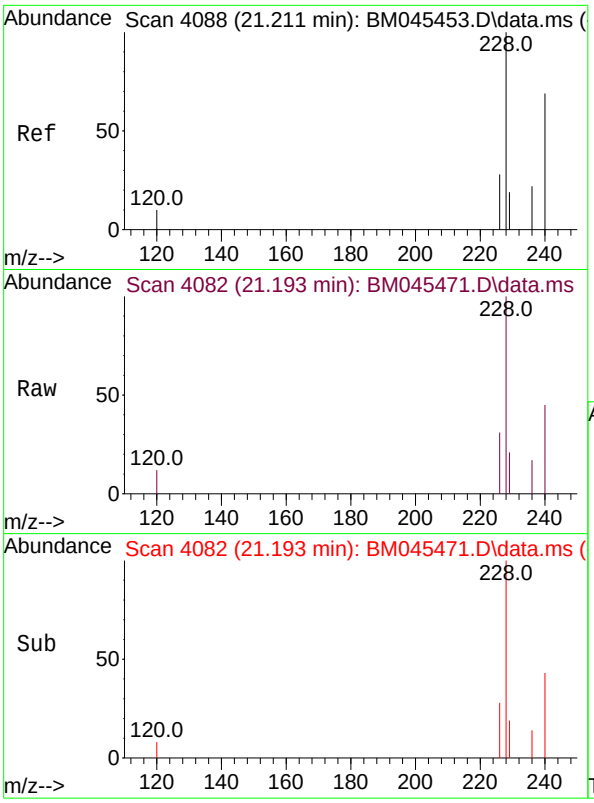


#20
Pyrene
Concen: 0.388 ng/ul
RT: 19.424 min Scan# 3614
Delta R.T. -0.014 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Tgt Ion:202 Resp: 3954

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.5	17.3
100	12.3	10.6	15.8



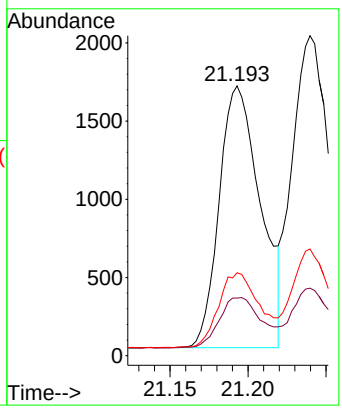


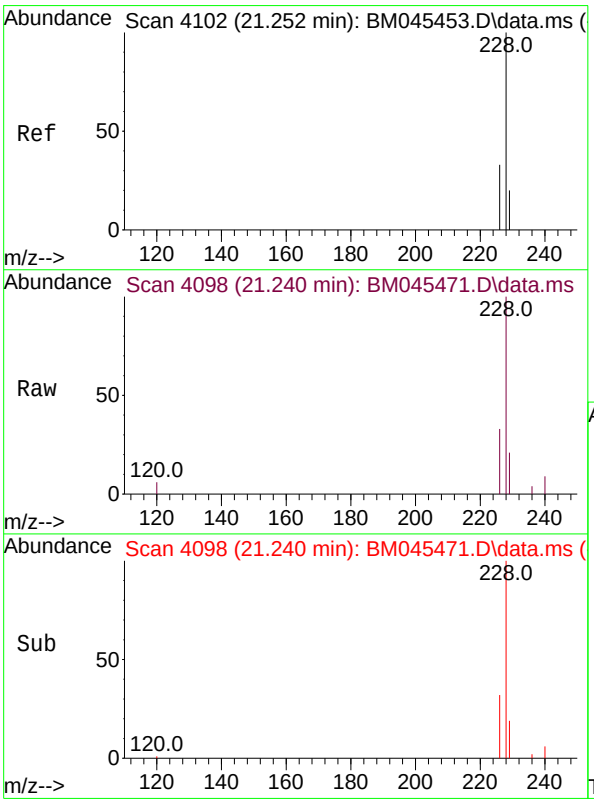
#21
Benzo(a)anthracene
Concen: 0.448 ng/ul
RT: 21.193 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 3077

Ion	Ratio	Lower	Upper
228	100		
229	21.4	19.4	29.2
226	30.7	26.3	39.5

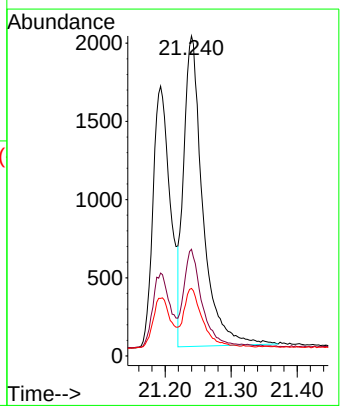


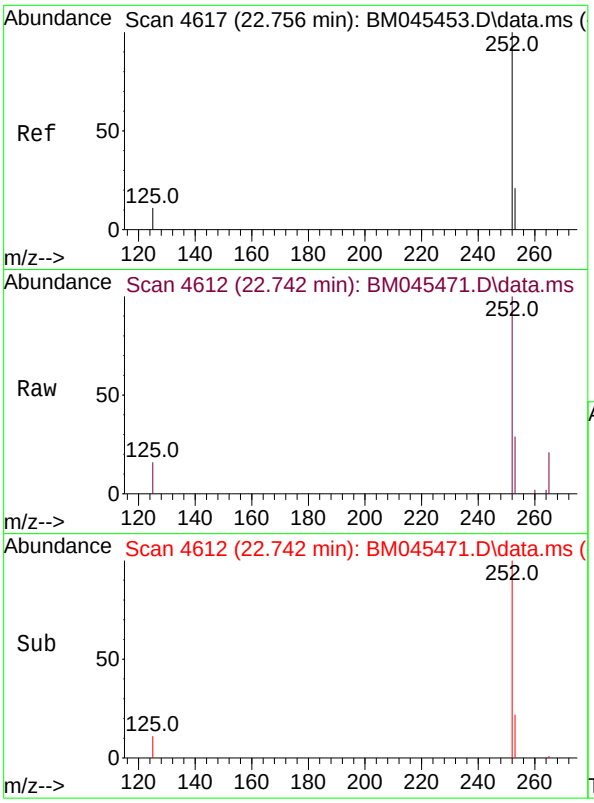


#22
Chrysene
Concen: 0.377 ng/ul
RT: 21.240 min Scan# 4098
Delta R.T. -0.012 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Tgt Ion:228 Resp: 3978

Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.3	39.5
229	21.1	17.8	26.8



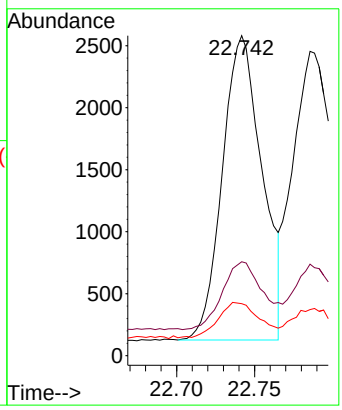


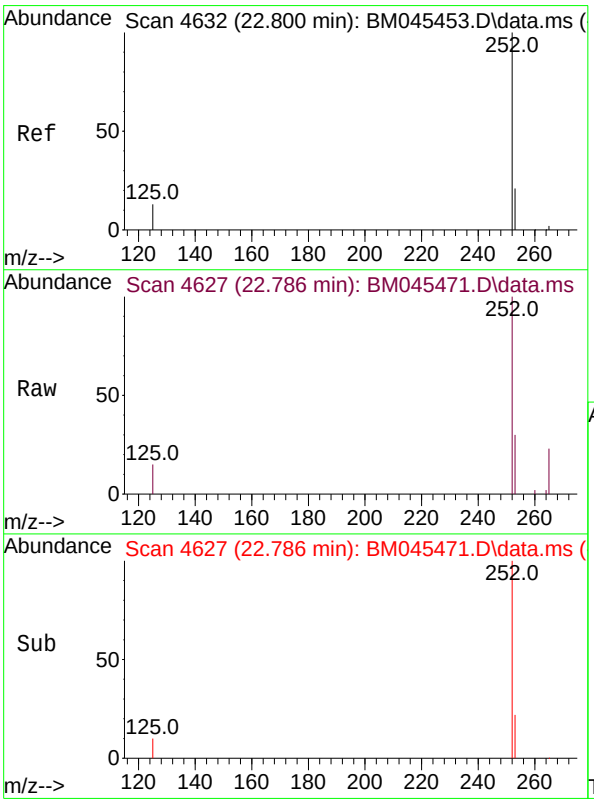
#24
Benzo(b)fluoranthene
Concen: 0.412 ng/ul
RT: 22.742 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 4357

Ion	Ratio	Lower	Upper
252	100		
253	29.4	0.0	63.4
125	16.3	0.0	36.8

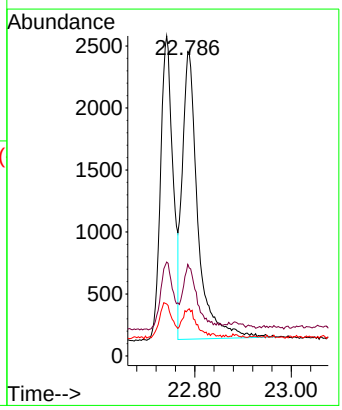


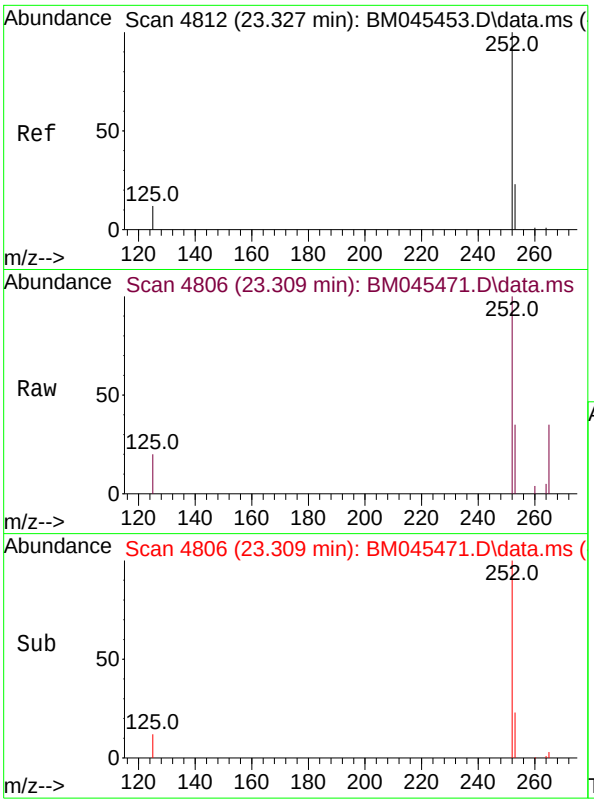


#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 22.786 min Scan# 4627
Delta R.T. -0.015 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Tgt Ion:252 Resp: 5202

Ion	Ratio	Lower	Upper
252	100		
253	30.1	25.4	38.0
125	15.2	14.8	22.2



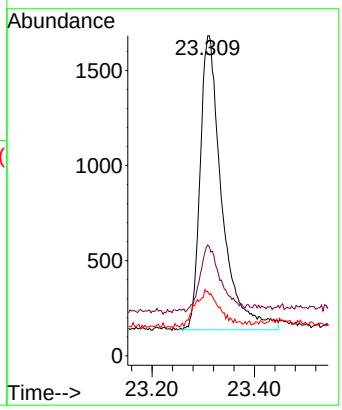


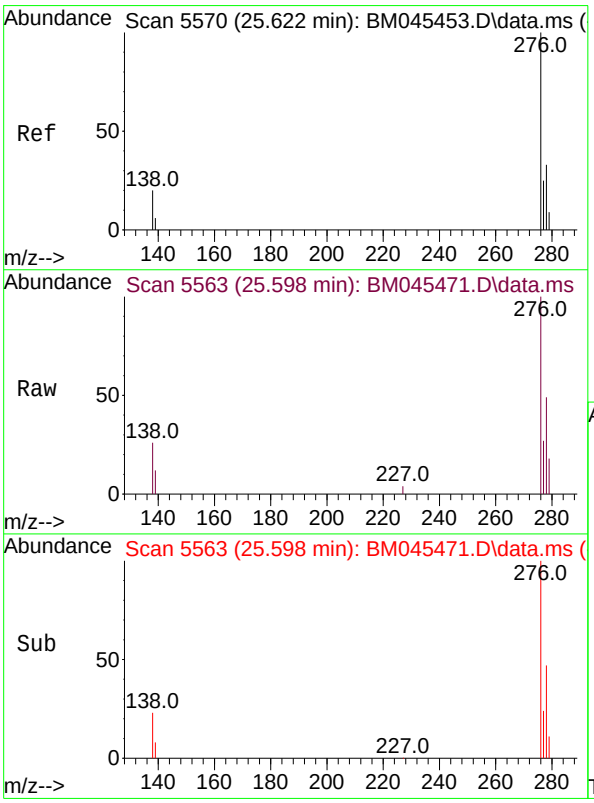
#26
Benzo(a)pyrene
Concen: 0.415 ng/ul
RT: 23.309 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 4553

Ion	Ratio	Lower	Upper
252	100		
253	34.6	31.6	47.4
125	20.1	19.5	29.3

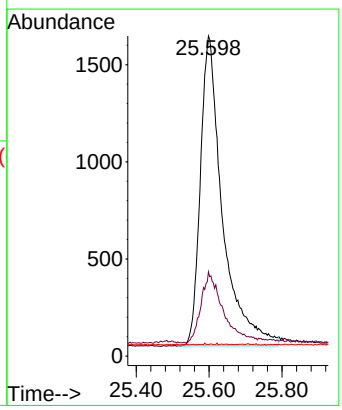


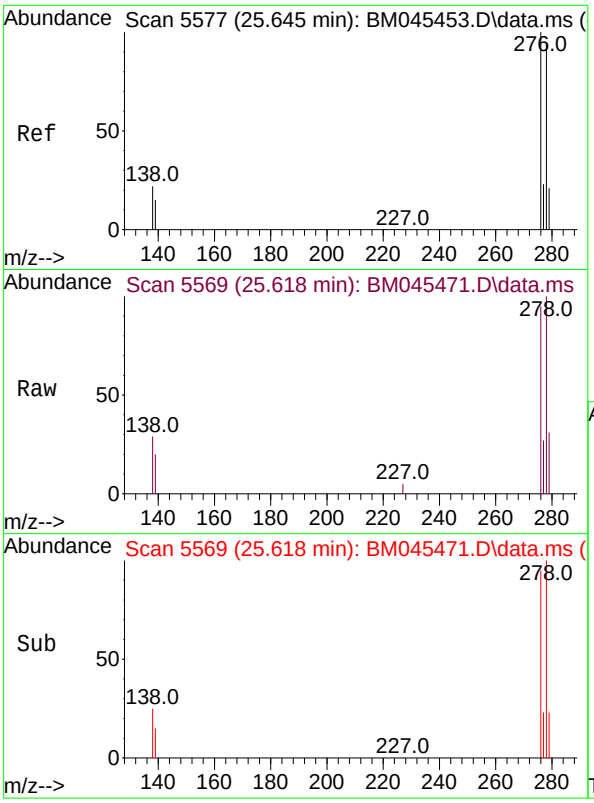


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng/ul
RT: 25.598 min Scan# 5563
Delta R.T. -0.024 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Tgt Ion:276 Resp: 6716

Ion	Ratio	Lower	Upper
276	100		
138	22.6	19.8	29.6
227	0.0	0.2	0.2#



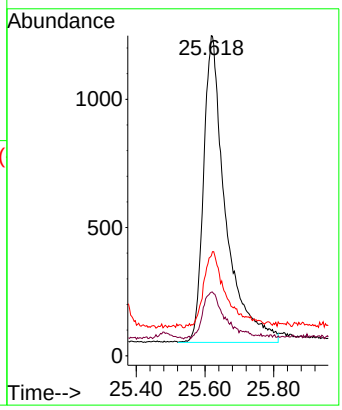


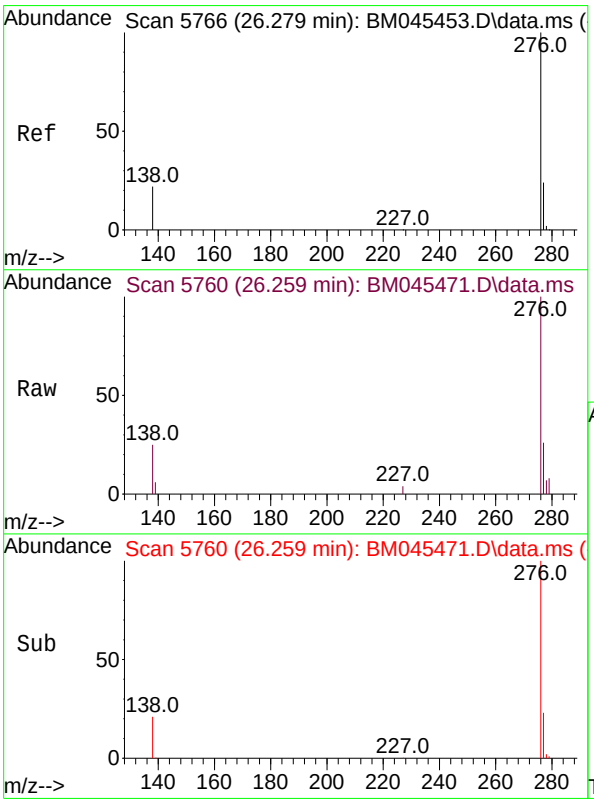
#28
Dibenzo(a,h)anthracene
Concen: 0.421 ng/ul
RT: 25.618 min Scan# 5
Delta R.T. -0.027 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 5317

Ion	Ratio	Lower	Upper
278	100		
139	19.9	19.0	28.6
279	31.3	29.4	44.2





#29
Benzo(g,h,i)perylene
Concen: 0.405 ng/ul
RT: 26.259 min Scan# 5760
Delta R.T. -0.020 min
Lab File: BM045471.D
Acq: 21 Apr 2024 21:11

Tgt Ion:276 Resp: 5804

Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.8	31.2
277	25.9	21.8	32.8