Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101024\
Data File : BM047984.D
Acq On : 10 Oct 2024 18:48
Operator : RC/JU
Sample : P4207-10MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 10 23:44:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 18:01:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	9458	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	29066	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.424	164	15805	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	29218	0.400	ng/ul	0.00
17) Chrysene-d12	21.330	240	25164	0.400	ng/ul	0.00
23) Perylene-d12	23.595	264	22211	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	2919	0.240	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	11118	0.287	ng/ul	0.00
18) Fluoranthene-d10	19.183	212	27398	0.356	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.307	88	42431	2.918	ng/ul#	80
5) Naphthalene	10.629	128	22774	0.287	ng/ul	99
7) 2-Methylnaphthalene	12.245	142	13816	0.291	ng/ul	100
8) 1-Methylnaphthalene	12.465	142	16966	0.340	ng/ul	100
10) Acenaphthylene	14.141	152	21763	0.283	ng/ul	99
11) Acenaphthene	14.484	153	16176	0.307	ng/ul	99
12) Fluorene	15.469	166	18542	0.311	ng/ul	99
14) Pentachlorophenol	16.816	266	12409	1.412	ng/ul	99
15) Phenanthrene	17.200	178	29851	0.344	ng/ul	99
16) Anthracene	17.293	178	24635	0.319	ng/ul	100
19) Fluoranthene	19.216	202	35839	0.339	ng/ul	96
20) Pyrene	19.574	202	39008	0.346	ng/ul	98
21) Benzo(a)anthracene	21.312	228	32315	0.304	ng/ul	100
22) Chrysene	21.365	228	35733	0.323	ng/ul	100
24) Benzo(b)fluoranthene	22.911	252	32749	0.339	ng/ul	98
25) Benzo(k)fluoranthene	22.955	252	34366	0.353	ng/ul	98
26) Benzo(a)pyrene	23.496	252	27385	0.359	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.896	276	38525	0.317	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.910	278	29539	0.323	ng/ul	97
29) Benzo(g,h,i)perylene	26.597	276	31486	0.323	ng/ul	98

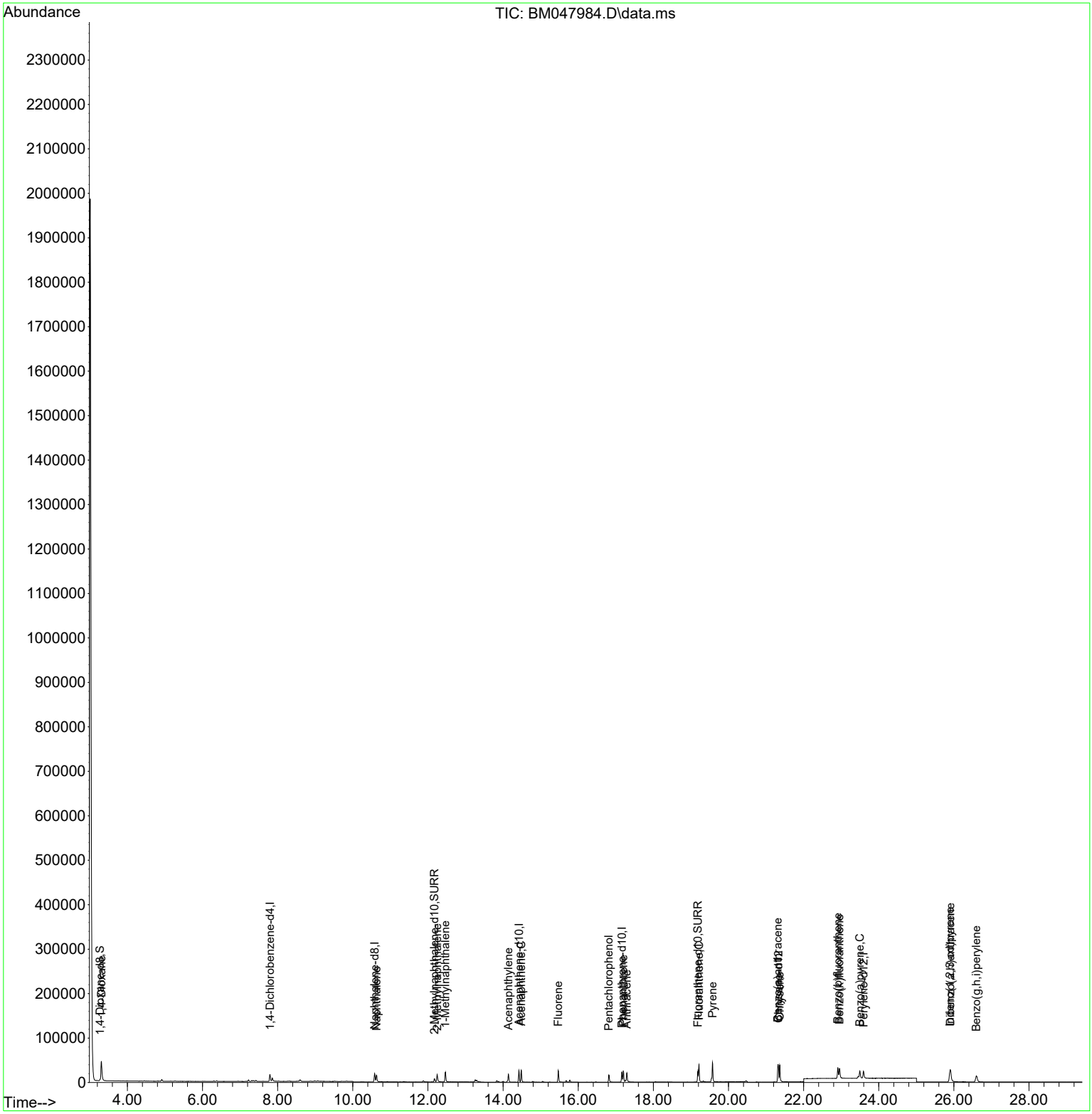
(#) = qualifier out of range (m) = manual integration (+) = signals summed

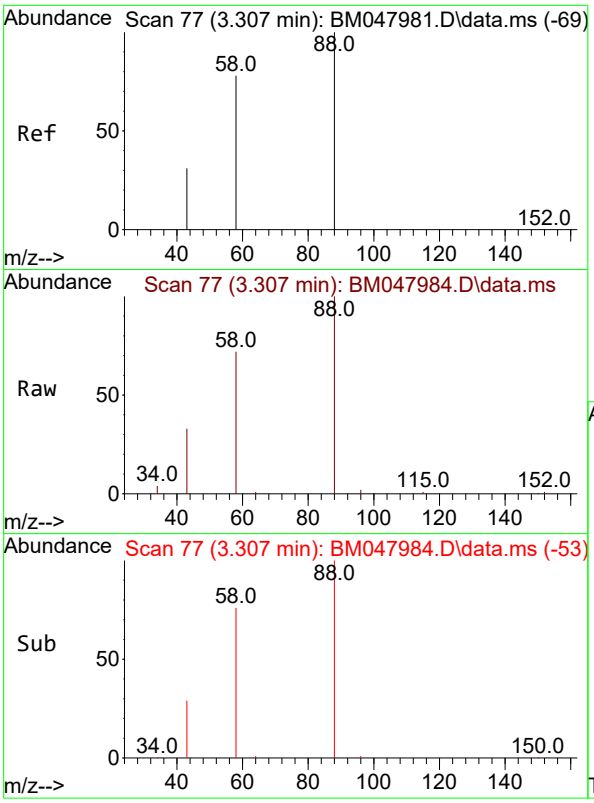
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101024\
Data File : BM047984.D
Acq On : 10 Oct 2024 18:48
Operator : RC/JU
Sample : P4207-10MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 10 23:44:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 18:01:13 2024
Response via : Initial Calibration



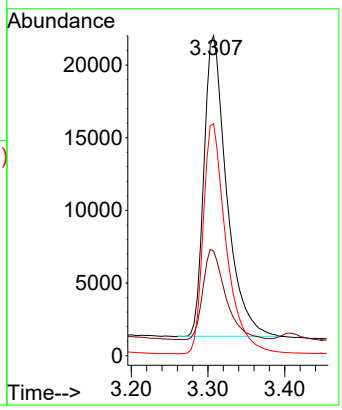


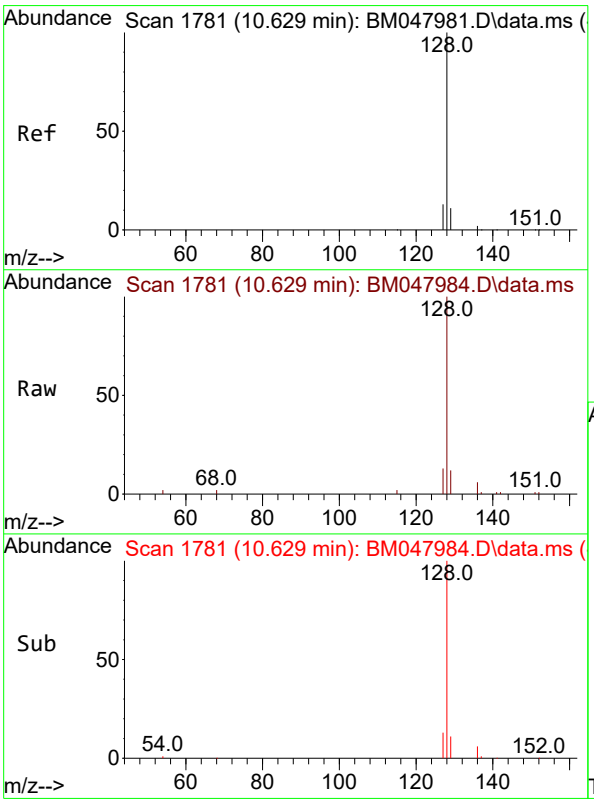
#2
1,4-Dioxane
Concen: 2.918 ng/ul
RT: 3.307 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 42431

Ion	Ratio	Lower	Upper
88	100		
43	32.7	30.9	46.3
58	72.5	42.5	63.7#

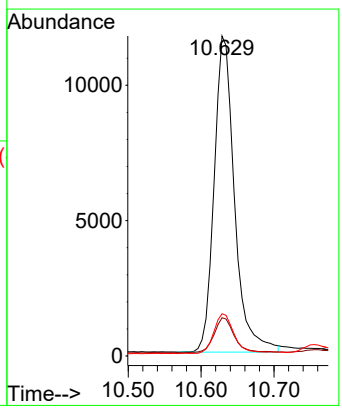


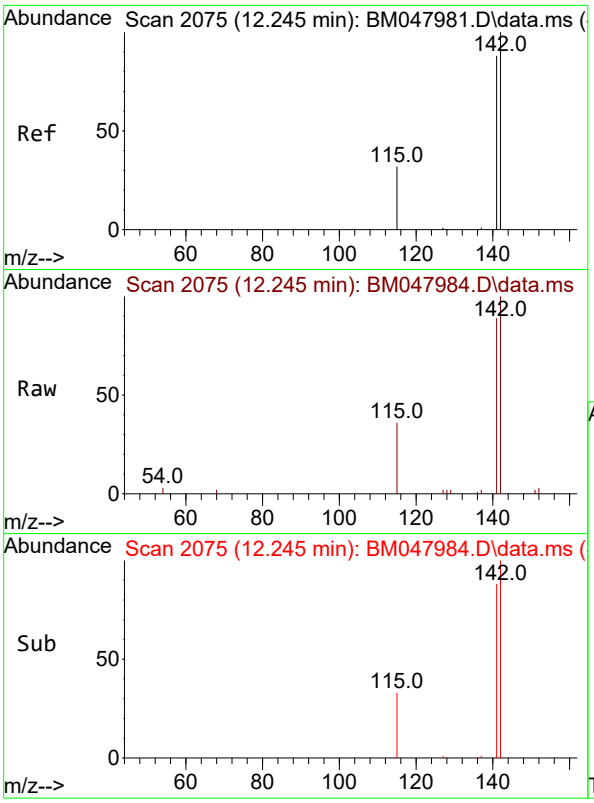


#5
Naphthalene
Concen: 0.287 ng/ul
RT: 10.629 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:128 Resp: 22774

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.2	13.8
127	13.2	10.4	15.6



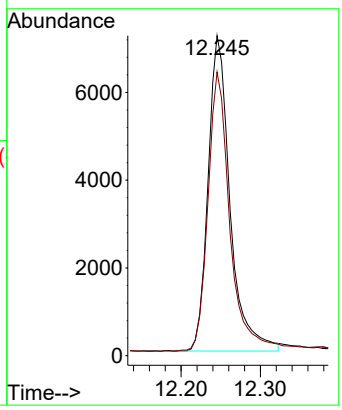


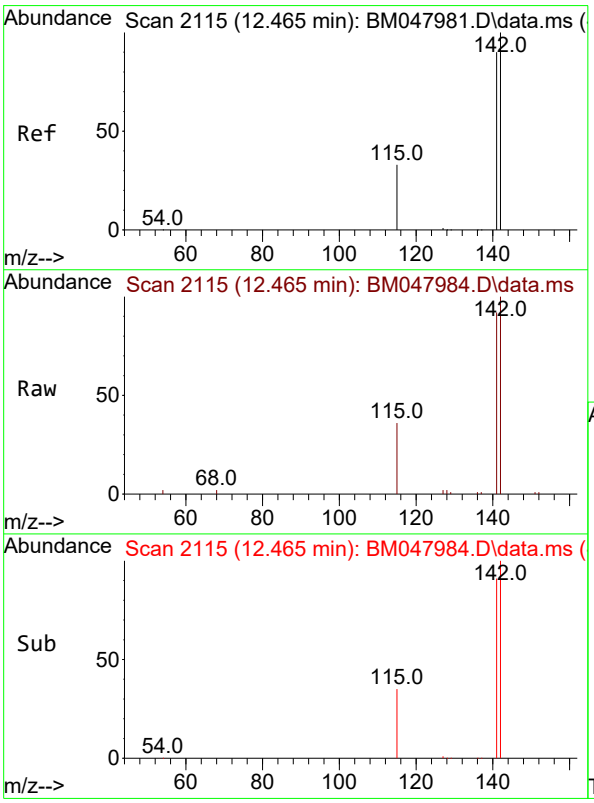
#7
2-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.245 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 13816

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.5	105.7

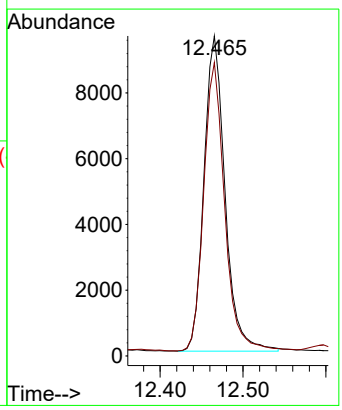


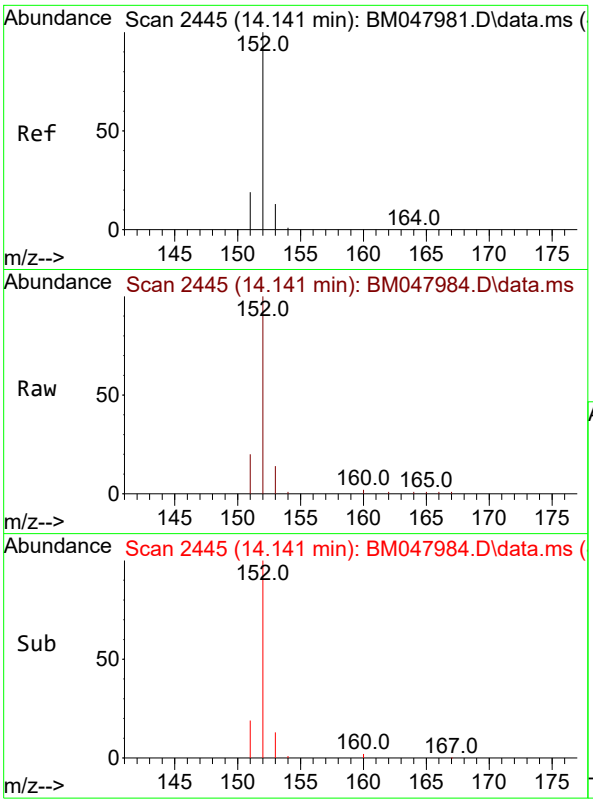


#8
1-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.465 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:142 Resp: 16966

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.9	109.3



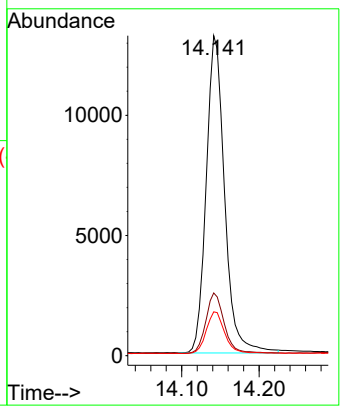


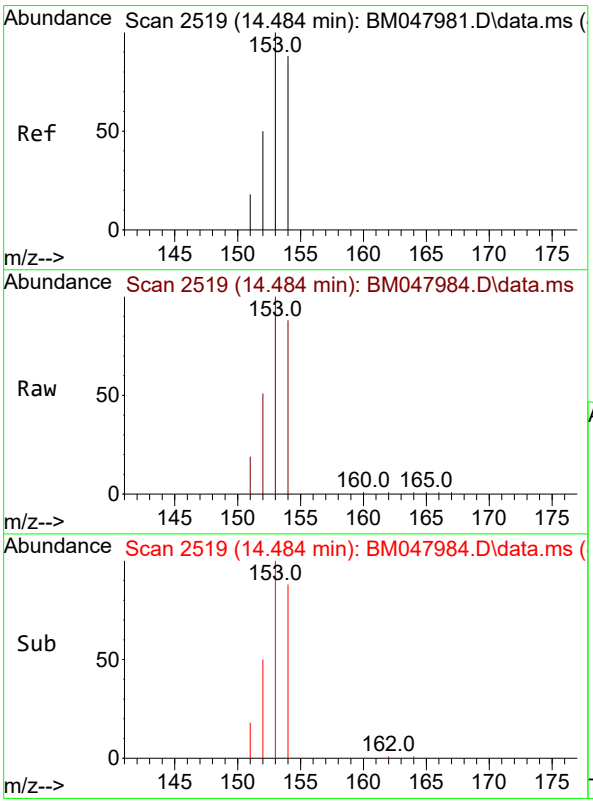
#10
Acenaphthylene
Concen: 0.283 ng/ul
RT: 14.141 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 21763

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.7	10.7	16.1

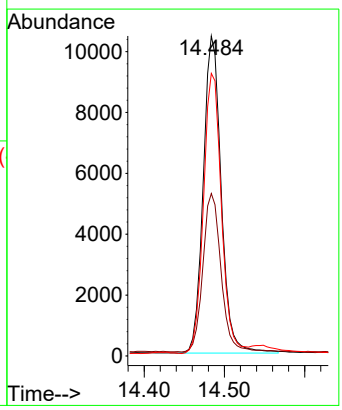


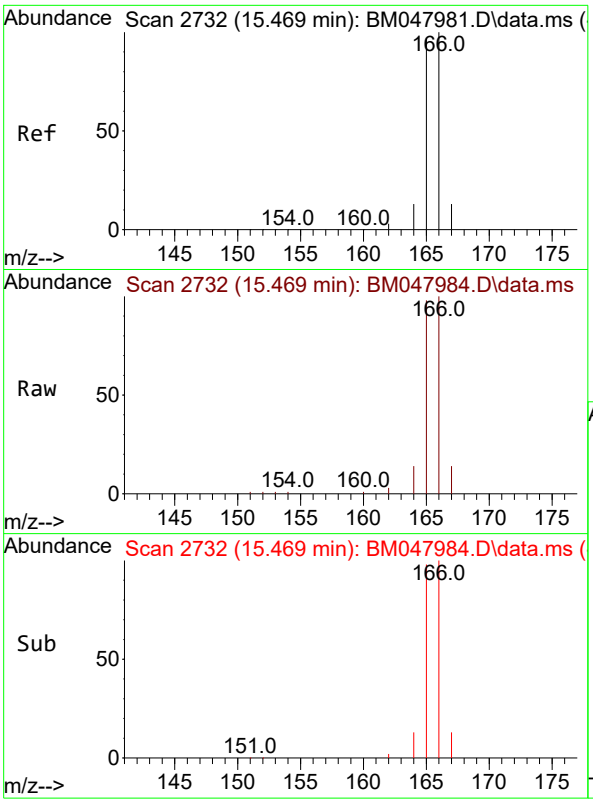


#11
Acenaphthene
Concen: 0.307 ng/ul
RT: 14.484 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:153 Resp: 16176

Ion	Ratio	Lower	Upper
153	100		
152	50.7	41.7	62.5
154	88.3	71.2	106.8



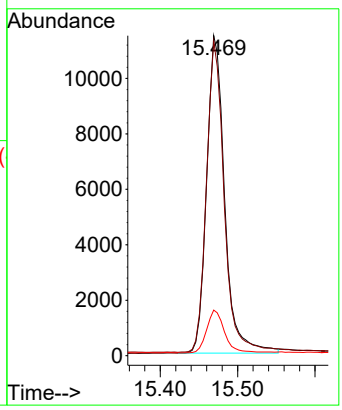


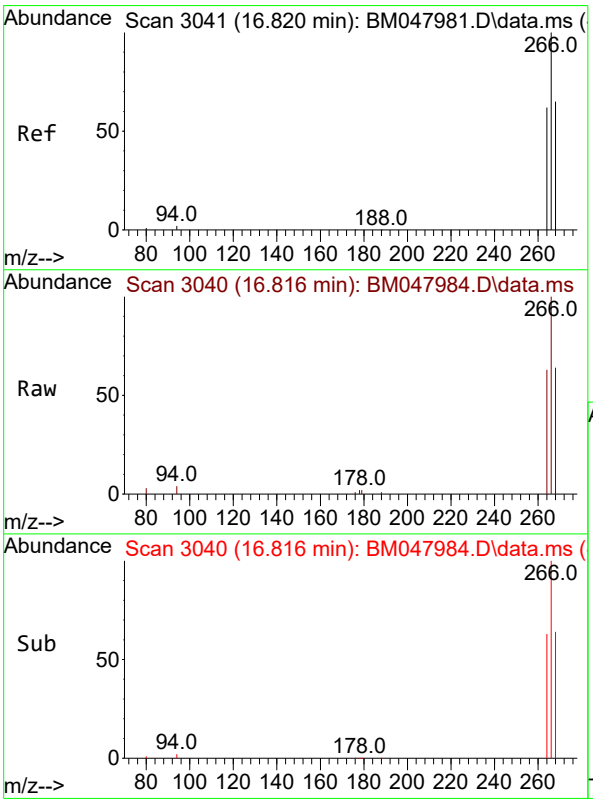
#12
Fluorene
Concen: 0.311 ng/ul
RT: 15.469 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 18542

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.4	119.2
167	14.2	11.4	17.0

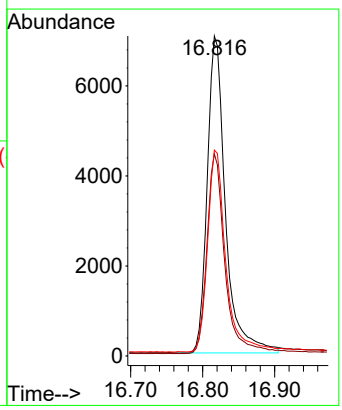


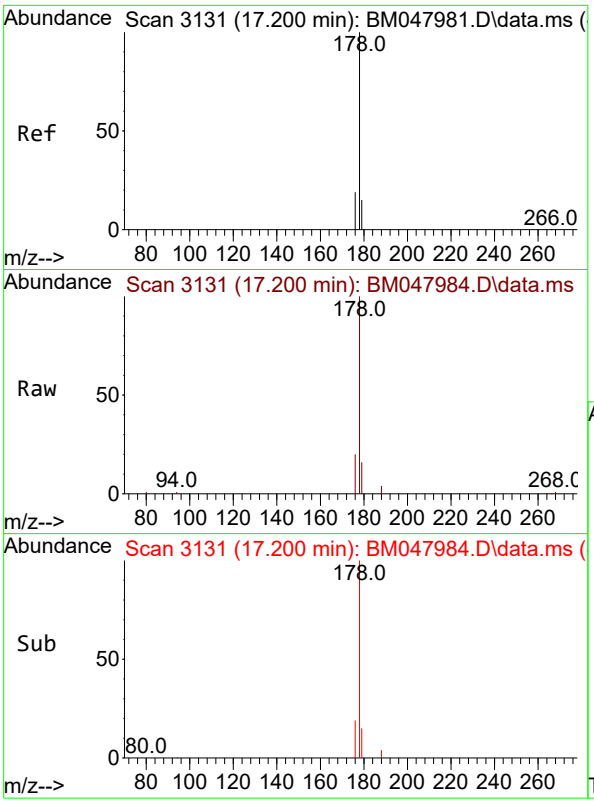


#14
Pentachlorophenol
Concen: 1.412 ng/ul
RT: 16.816 min Scan# 3040
Delta R.T. -0.004 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:266 Resp: 12409

Ion	Ratio	Lower	Upper
266	100		
264	61.9	49.8	74.8
268	63.5	51.2	76.8



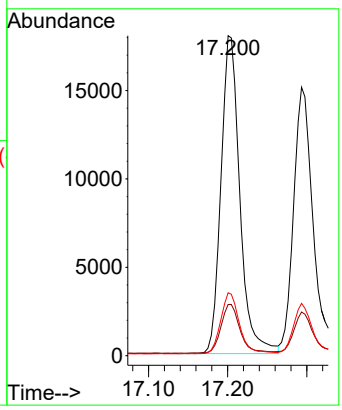


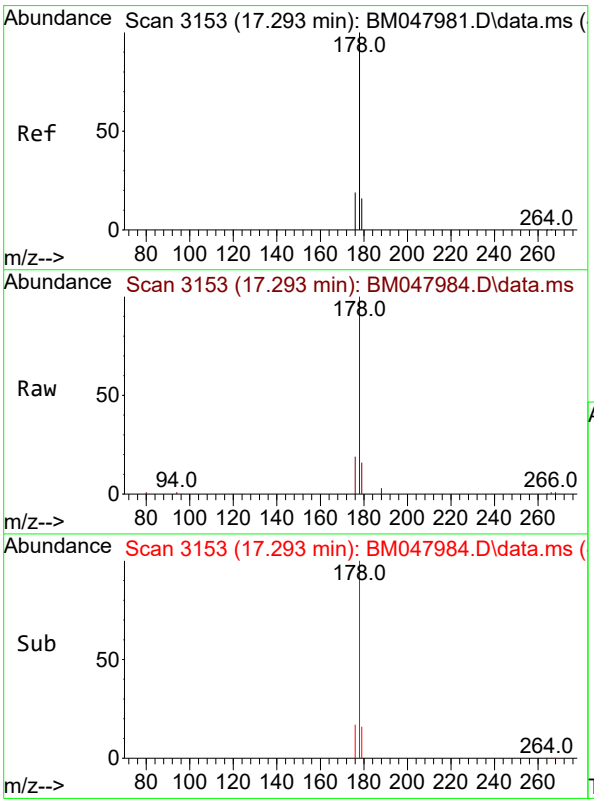
#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 17.200 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 29851

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.6
176	19.7	15.9	23.9

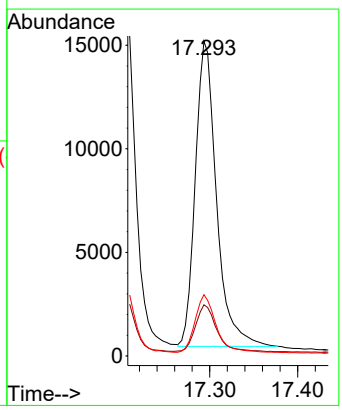


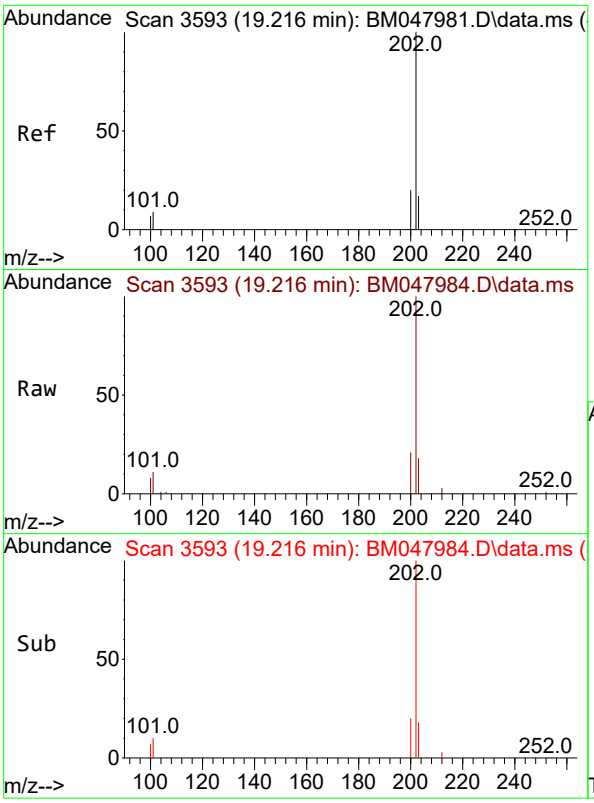


#16
Anthracene
Concen: 0.319 ng/ul
RT: 17.293 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:178 Resp: 24635

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.4
176	19.5	15.4	23.2



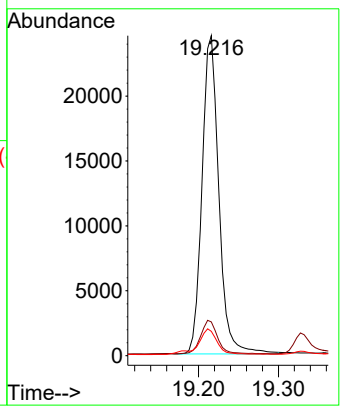


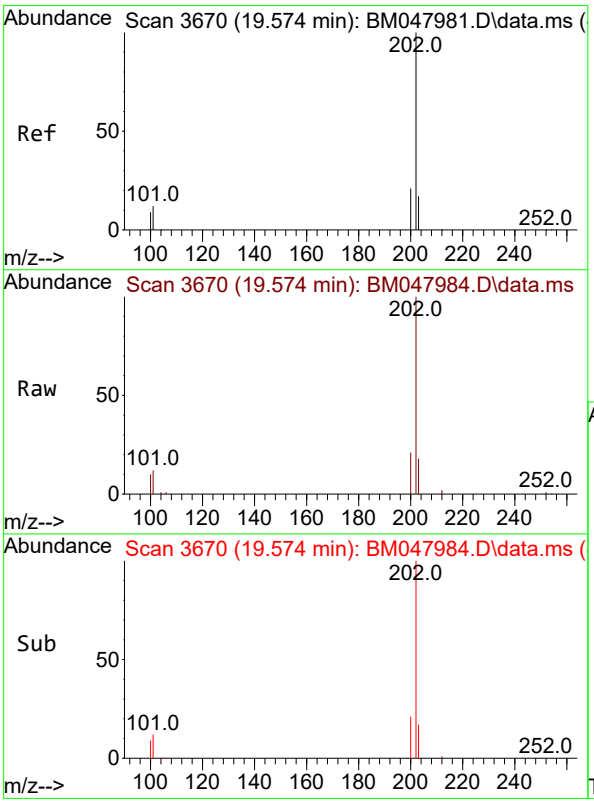
#19
Fluoranthene
Concen: 0.339 ng/ul
RT: 19.216 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 35839

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.8	14.6
100	7.6	7.4	11.2

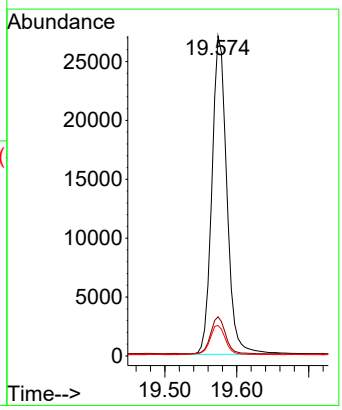


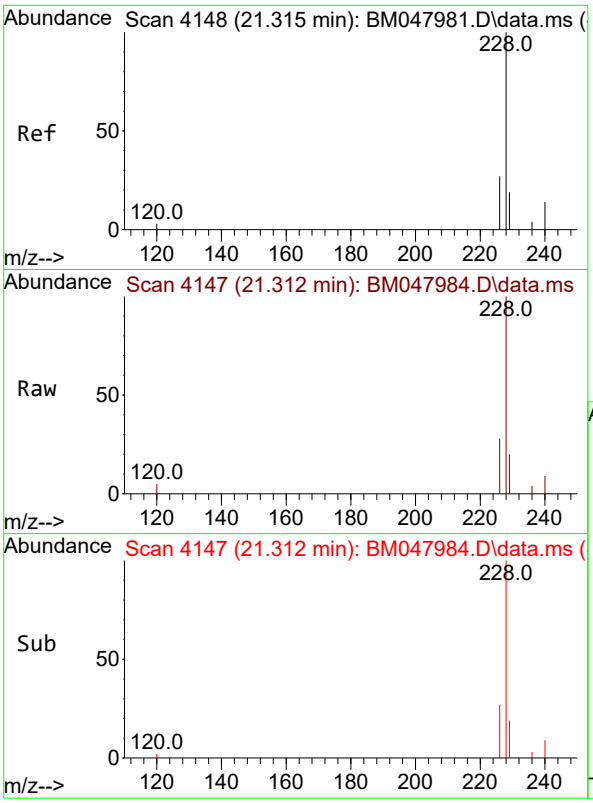


#20
Pyrene
Concen: 0.346 ng/ul
RT: 19.574 min Scan# 3670
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:202 Resp: 39008

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.7	16.1
100	9.5	8.2	12.2



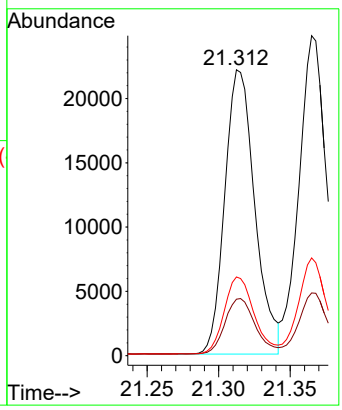


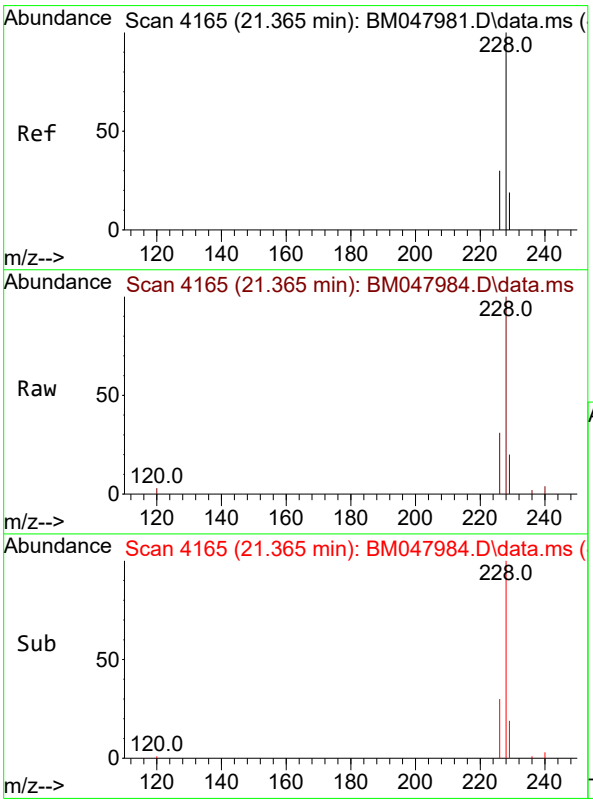
#21
Benzo(a)anthracene
Concen: 0.304 ng/ul
RT: 21.312 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 32315

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.9	23.9
226	27.5	22.1	33.1

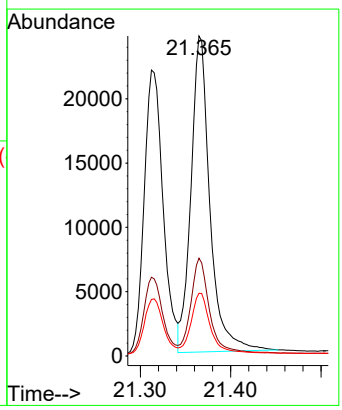


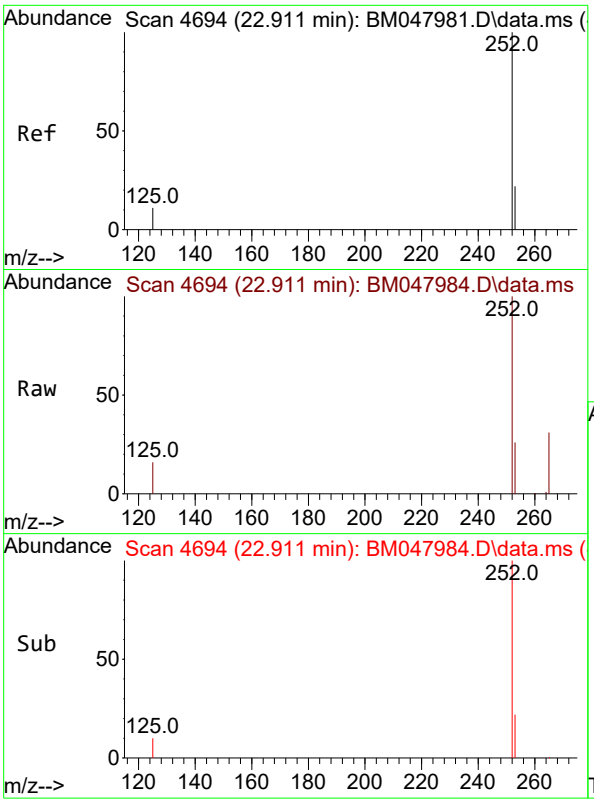


#22
Chrysene
Concen: 0.323 ng/ul
RT: 21.365 min Scan# 4165
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:228 Resp: 35733

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	19.6	15.7	23.5



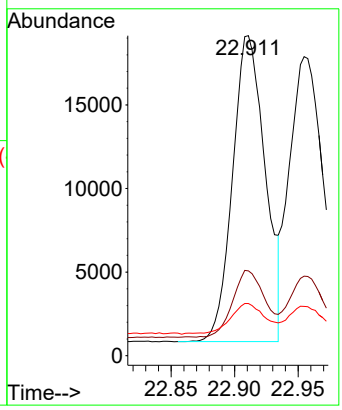


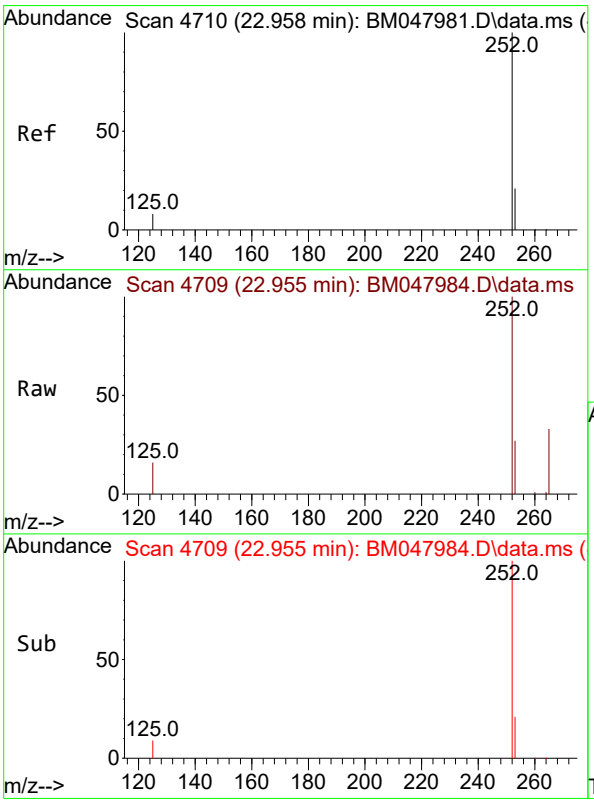
#24
Benzo(b)fluoranthene
Concen: 0.339 ng/ul
RT: 22.911 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 32749

Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	52.4
125	16.3	0.0	36.4

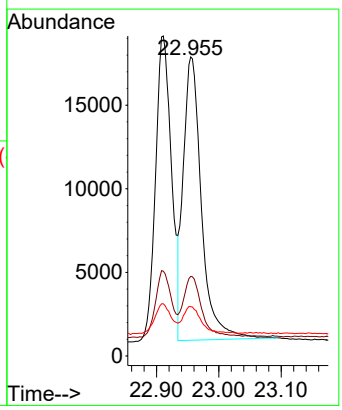


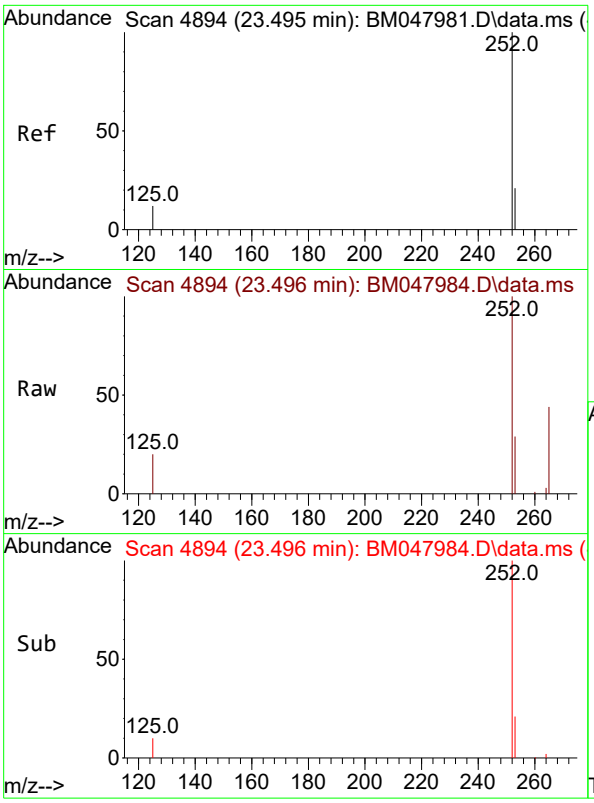


#25
Benzo(k)fluoranthene
Concen: 0.353 ng/ul
RT: 22.955 min Scan# 4709
Delta R.T. -0.003 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:252 Resp: 34366

Ion	Ratio	Lower	Upper
252	100		
253	26.6	21.0	31.6
125	16.5	14.6	21.8



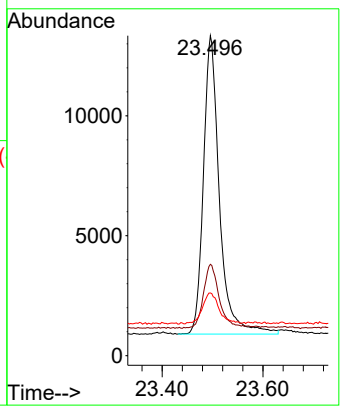


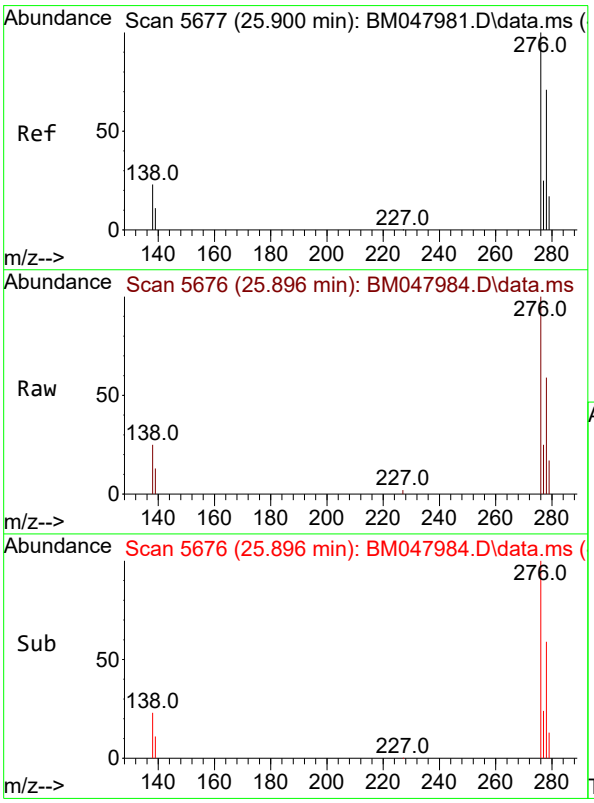
#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.496 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 27385

Ion	Ratio	Lower	Upper
252	100		
253	28.6	23.0	34.4
125	19.6	18.8	28.2

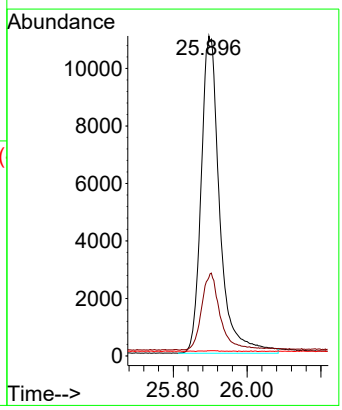


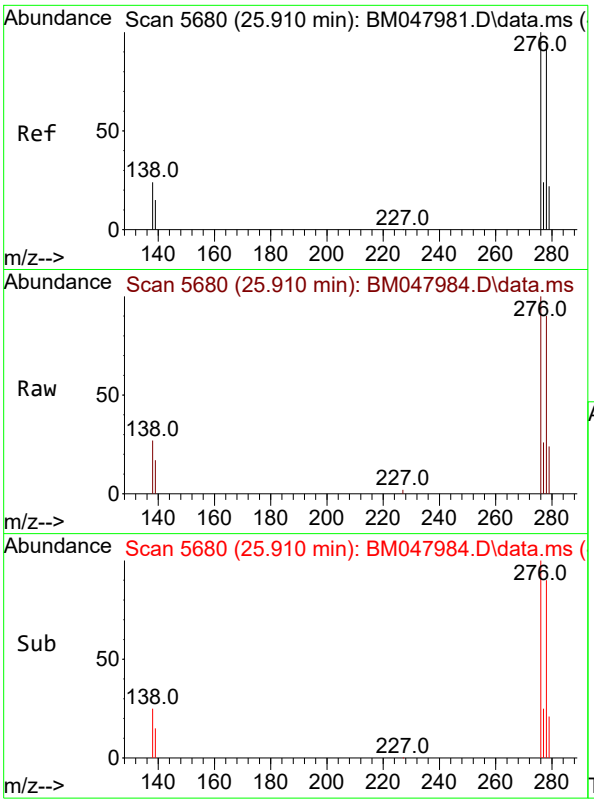


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.317 ng/ul
RT: 25.896 min Scan# 5676
Delta R.T. -0.003 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:276 Resp: 38525

Ion	Ratio	Lower	Upper
276	100		
138	24.2	22.0	33.0
227	0.1	0.2	0.4#



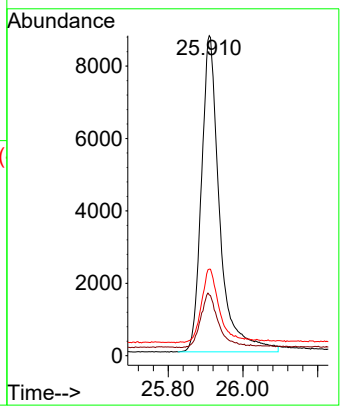


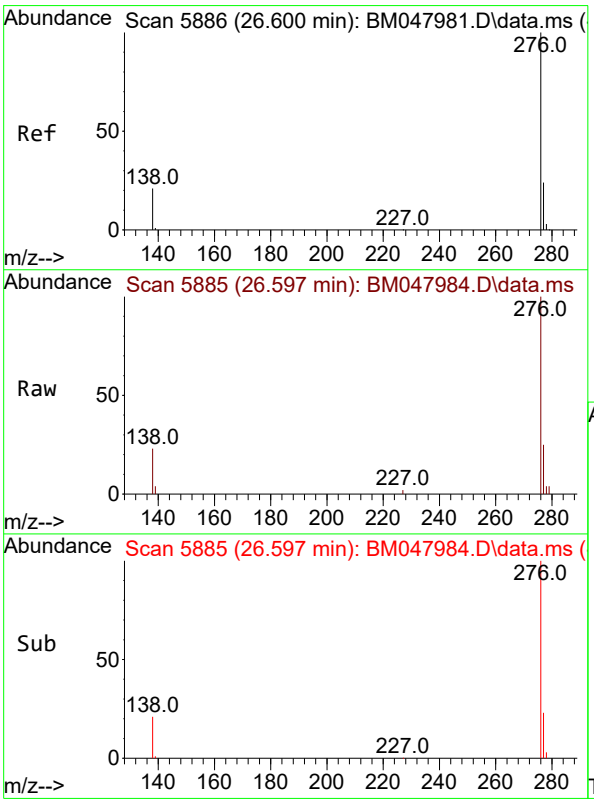
#28
Dibenzo(a,h)anthracene
Concen: 0.323 ng/ul
RT: 25.910 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 29539

Ion	Ratio	Lower	Upper
278	100		
139	19.0	16.8	25.2
279	27.1	21.2	31.8





#29
Benzo(g,h,i)perylene
Concen: 0.323 ng/ul
RT: 26.597 min Scan# 5885
Delta R.T. -0.003 min
Lab File: BM047984.D
Acq: 10 Oct 2024 18:48

Tgt Ion:276 Resp: 31486

Ion	Ratio	Lower	Upper
276	100		
138	23.2	20.2	30.2
277	24.8	19.8	29.6