Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045626.D
Acq On : 29 Apr 2024 19:32
Operator : MA/JU
Sample : P2105-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 30 01:18:16 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 : Tue Apr 30 01:16:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	918	0.400	ng/ul	0.00
4) Naphthalene-d8	10.320	136	2790	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.200	164	1297	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	2301	0.400	ng/ul	-0.01
17) Chrysene-d12	21.184	240	2034	0.400	ng/ul	0.00
23) Perylene-d12	23.370	264	2883	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	564	0.458	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	932	0.253	ng/ul	-0.01
18) Fluoranthene-d10	19.010	212	1476	0.230	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	1473	1.244	ng/ul#	86
5) Naphthalene	10.369	128	2056	0.274	ng/ul	97
7) 2-Methylnaphthalene	11.997	142	1237	0.289	ng/ul	100
8) 1-Methylnaphthalene	12.211	142	1262	0.263	ng/ul	99
10) Acenaphthylene	13.923	152	1819	0.284	ng/ul	97
11) Acenaphthene	14.265	153	1302	0.274	ng/ul	97
12) Fluorene	15.274	166	1357	0.267	ng/ul	97
14) Pentachlorophenol	16.638	266	262	0.571	ng/ul	95
15) Phenanthrene	17.014	178	2305	0.344	ng/ul	98
16) Anthracene	17.115	178	1935	0.309	ng/ul	100
19) Fluoranthene	19.043	202	2698	0.287	ng/ul	98
20) Pyrene	19.410	202	2865	0.297	ng/ul	95
21) Benzo(a)anthracene	21.173	228	2356	0.362	ng/ul	98
22) Chrysene	21.219	228	2983	0.298	ng/ul	99
24) Benzo(b)fluoranthene	22.718	252	3408	0.351	ng/ul	96
25) Benzo(k)fluoranthene	22.765	252	3280	0.268	ng/ul	97
26) Benzo(a)pyrene	23.283	252	3062	0.304	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.565	276	4379	0.300	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.575	278	3356	0.289	ng/ul	98
29) Benzo(g,h,i)perylene	26.226	276	3830	0.292	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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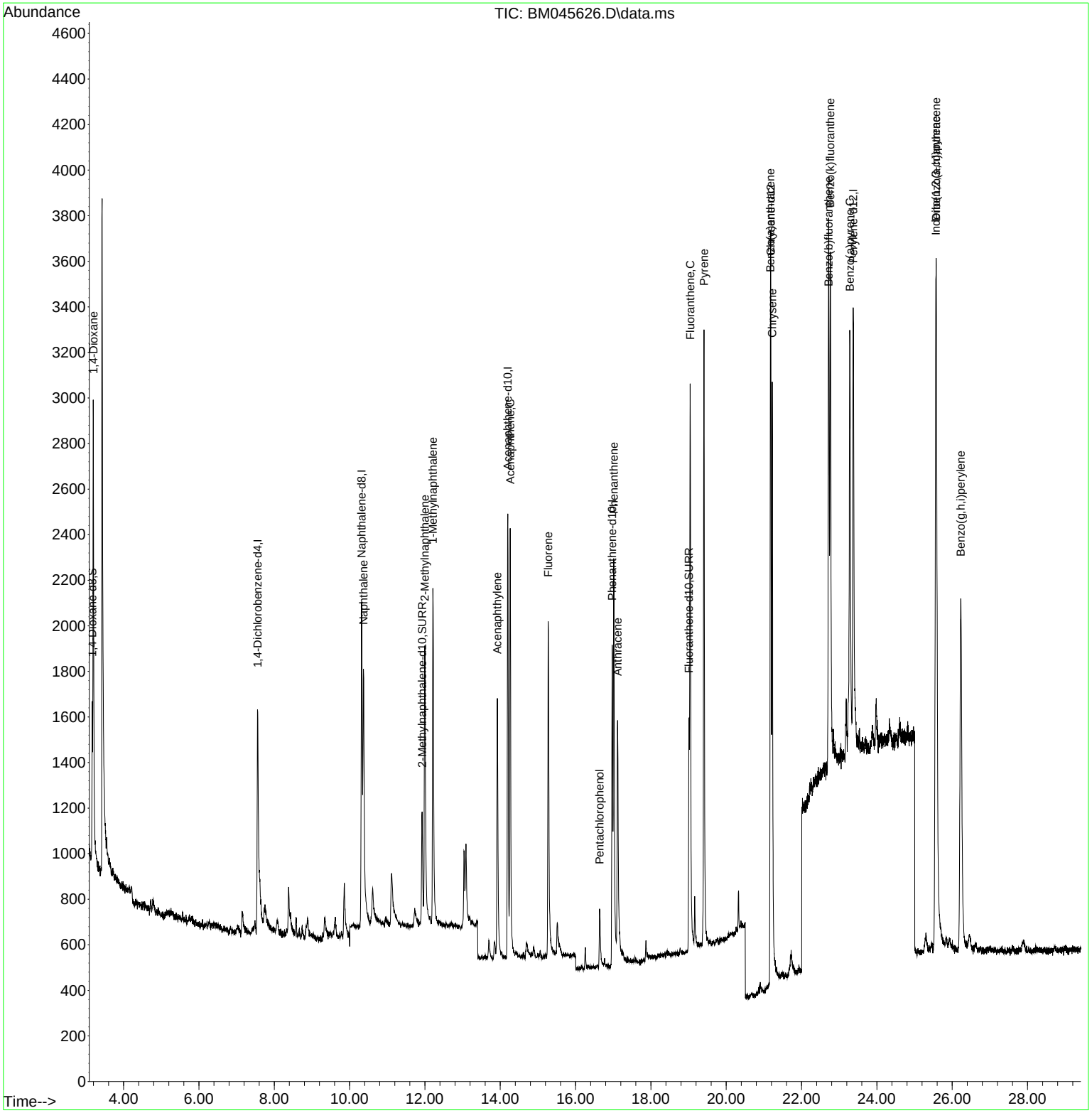
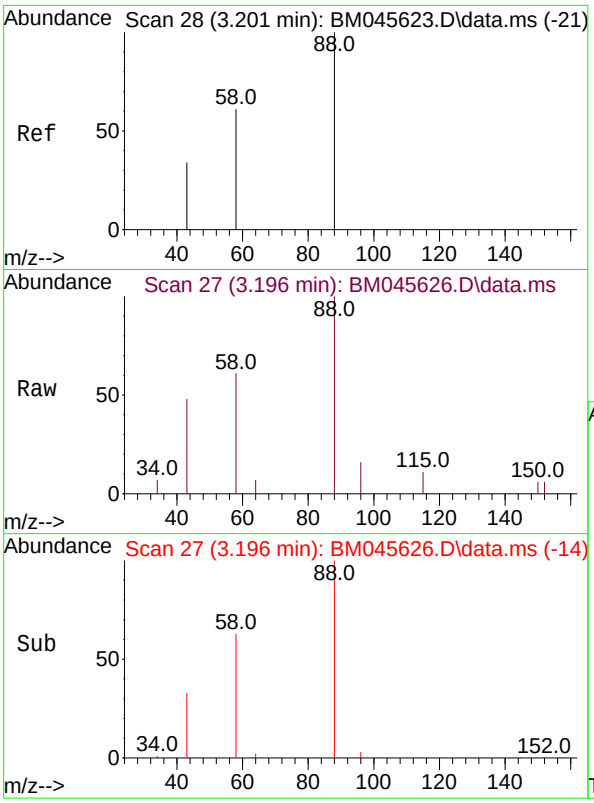


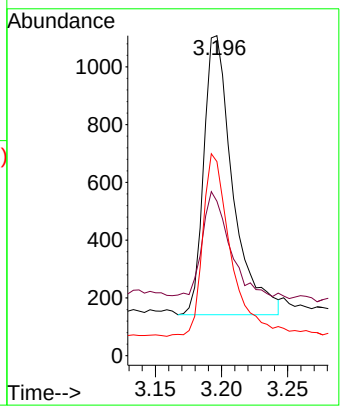


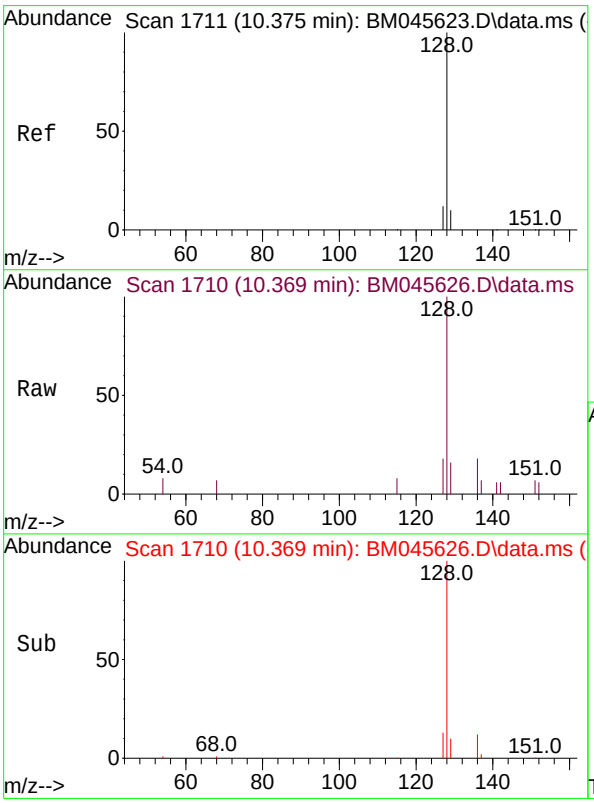
#2
1,4-Dioxane
Concen: 1.244 ng/ul
RT: 3.196 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 1473

Ion	Ratio	Lower	Upper
88	100		
43	48.3	36.8	55.2
58	60.6	35.4	53.2#

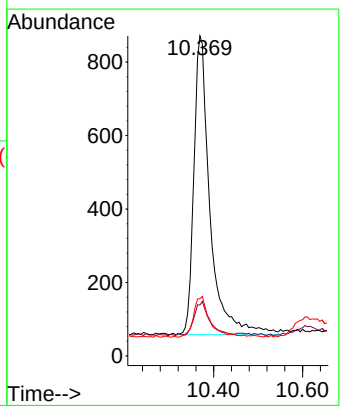


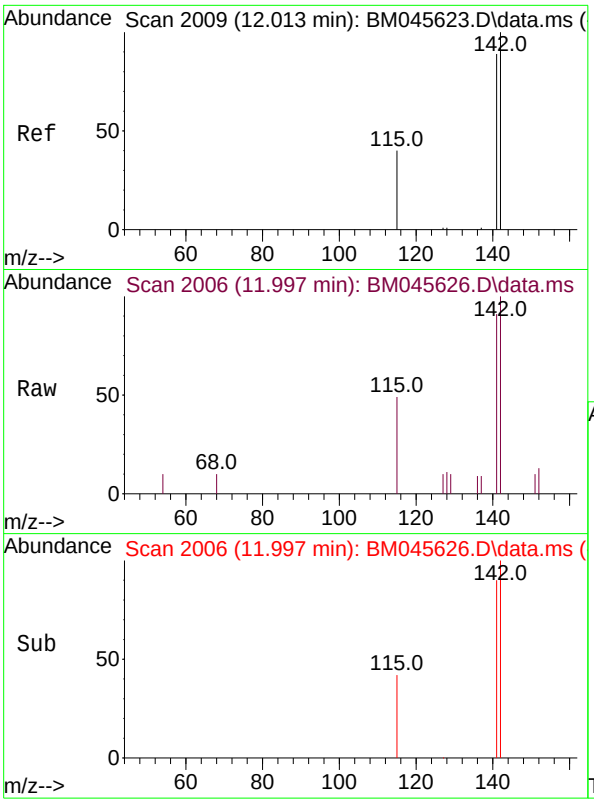


#5
Naphthalene
Concen: 0.274 ng/ul
RT: 10.369 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Tgt Ion:128 Resp: 2056

Ion	Ratio	Lower	Upper
128	100		
129	16.0	14.0	21.0
127	17.9	15.4	23.2



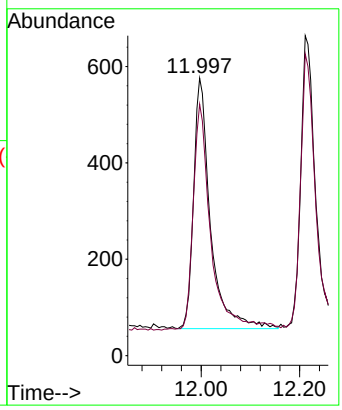


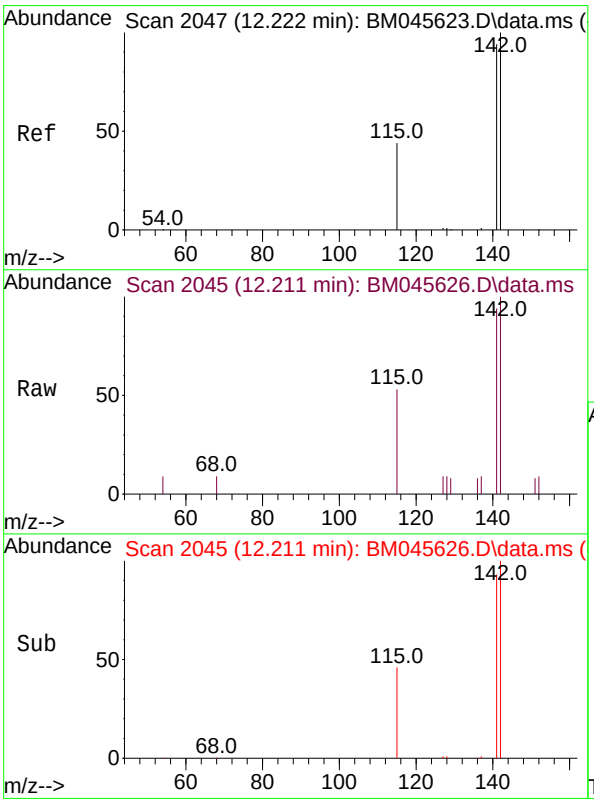
#7
2-Methylnaphthalene
Concen: 0.289 ng/ul
RT: 11.997 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1237

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.6	111.8

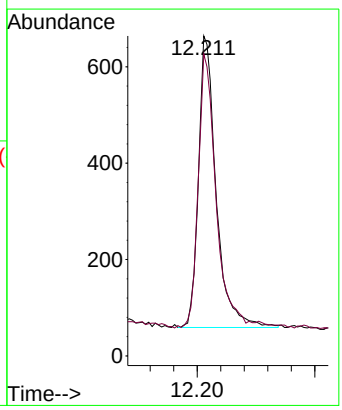


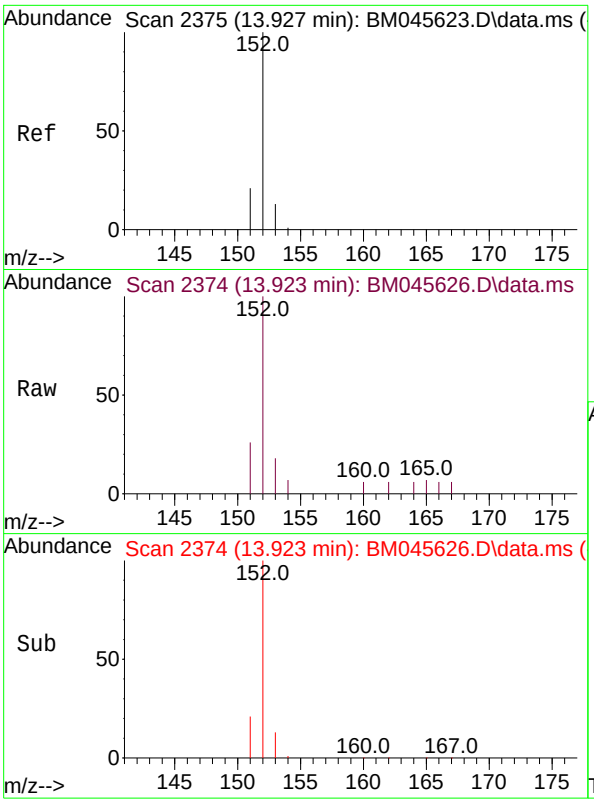


#8
1-Methylnaphthalene
Concen: 0.263 ng/ul
RT: 12.211 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Tgt Ion:142 Resp: 1262

Ion	Ratio	Lower	Upper
142	100		
141	96.4	76.1	114.1



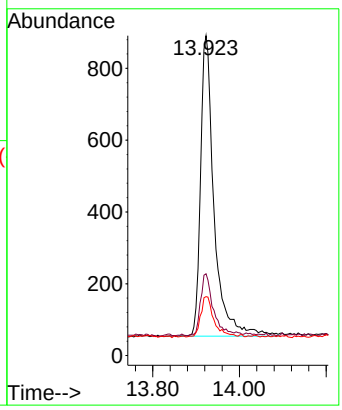


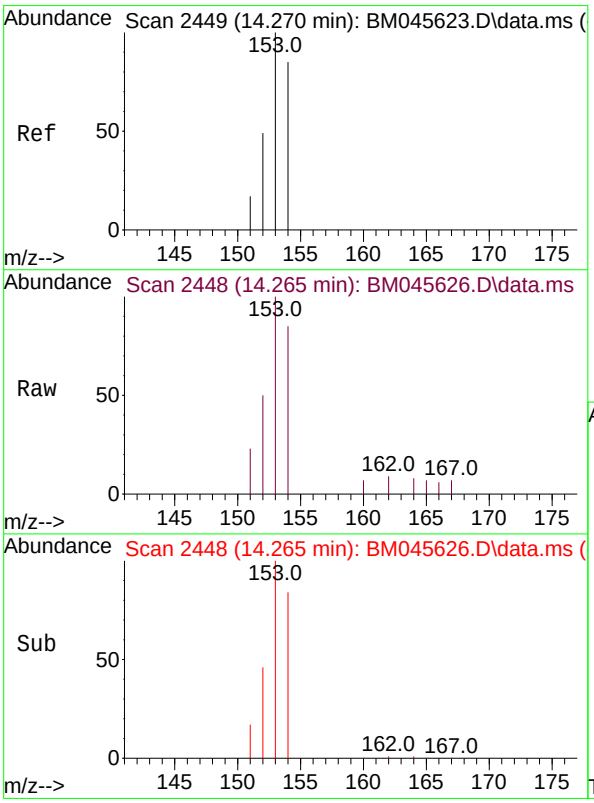
#10
Acenaphthylene
Concen: 0.284 ng/ul
RT: 13.923 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 1819

Ion	Ratio	Lower	Upper
152	100		
151	25.6	18.6	28.0
153	18.4	14.1	21.1

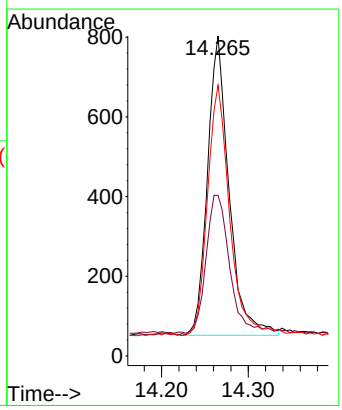


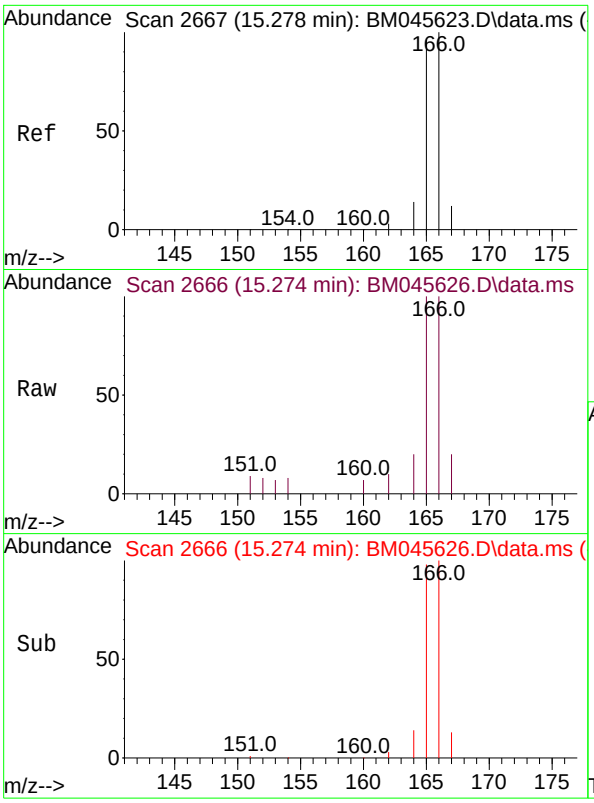


#11
Acenaphthene
Concen: 0.274 ng/ul
RT: 14.265 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Tgt Ion:153 Resp: 1302

Ion	Ratio	Lower	Upper
153	100		
152	50.2	43.4	65.2
154	84.6	69.0	103.6



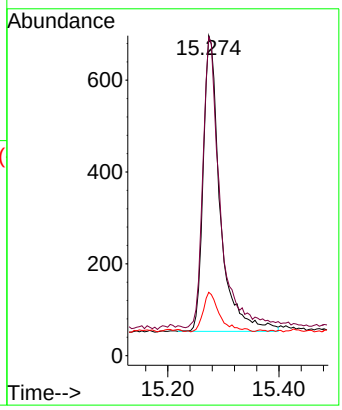


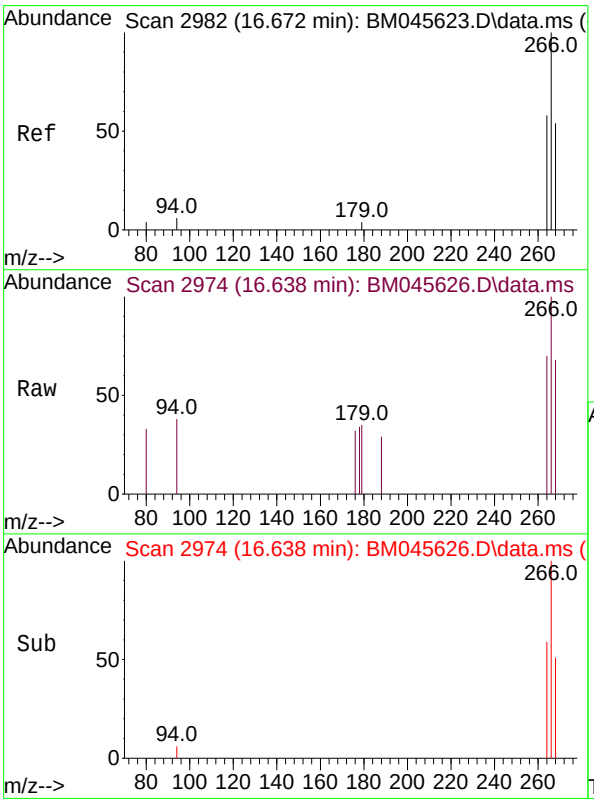
#12
Fluorene
Concen: 0.267 ng/ul
RT: 15.274 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 1357

Ion	Ratio	Lower	Upper
166	100		
165	99.6	82.2	123.2
167	19.8	14.8	22.2

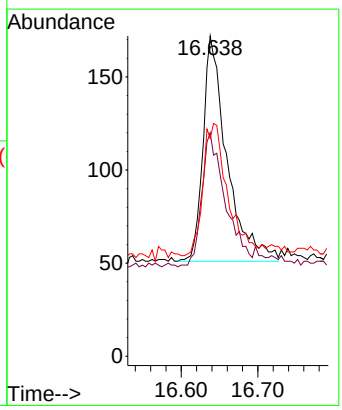


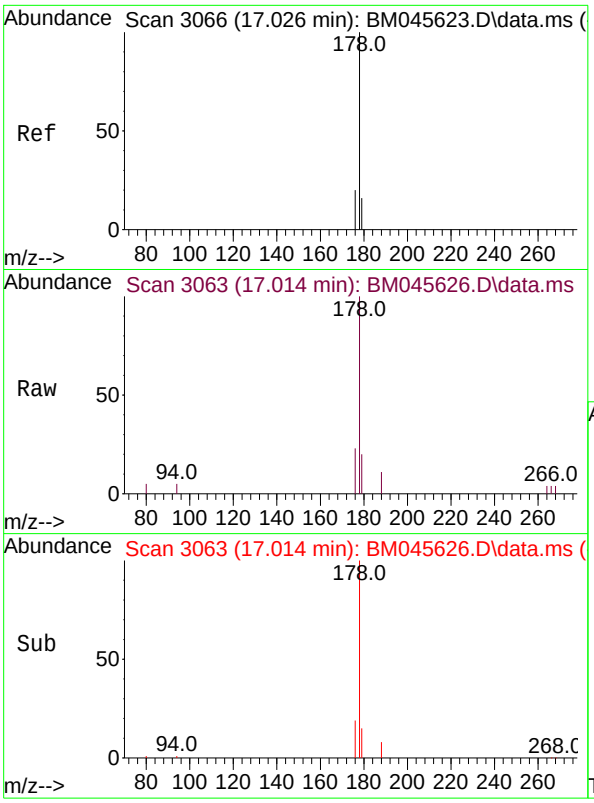


#14
Pentachlorophenol
Concen: 0.571 ng/ul
RT: 16.638 min Scan# 2974
Delta R.T. -0.034 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Tgt Ion:266 Resp: 262

Ion	Ratio	Lower	Upper
266	100		
264	59.5	45.5	68.3
268	64.5	56.1	84.1



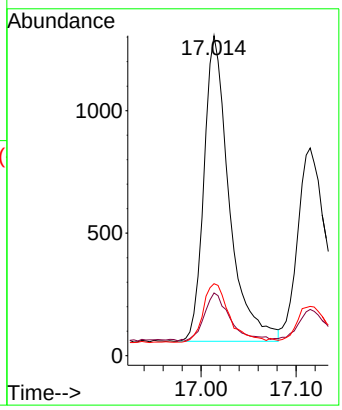


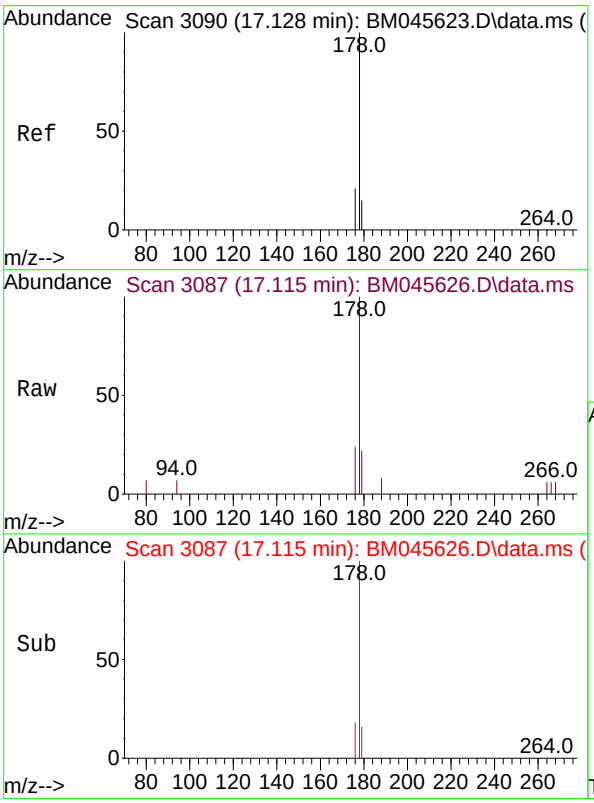
#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 17.014 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2305

Ion	Ratio	Lower	Upper
178	100		
179	19.6	15.4	23.2
176	22.5	19.0	28.4

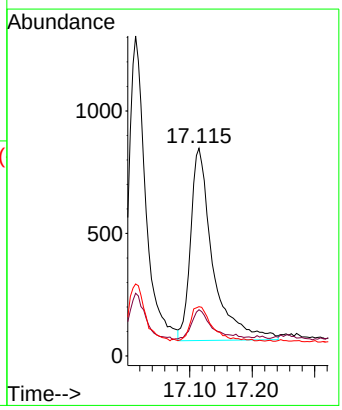


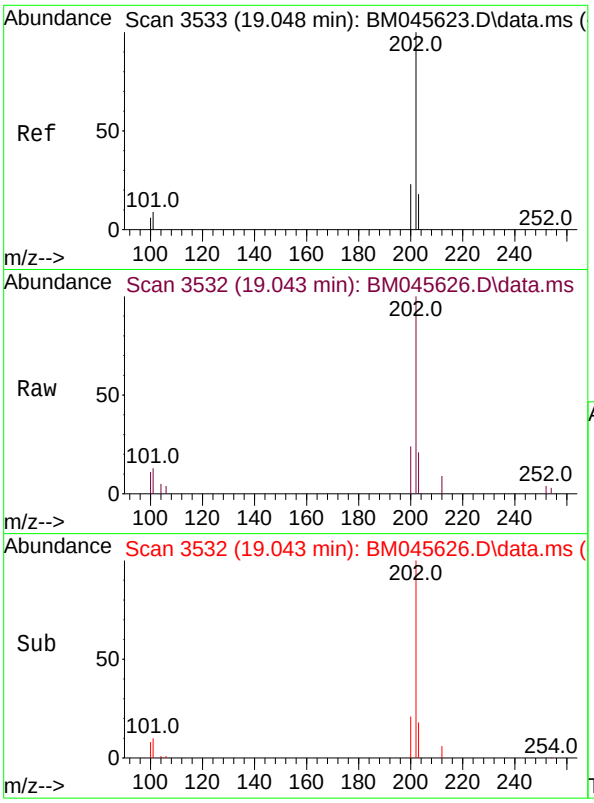


#16
Anthracene
Concen: 0.309 ng/ul
RT: 17.115 min Scan# 3087
Delta R.T. -0.013 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Tgt Ion:178 Resp: 1935

Ion	Ratio	Lower	Upper
178	100		
179	22.3	17.8	26.6
176	23.7	18.7	28.1



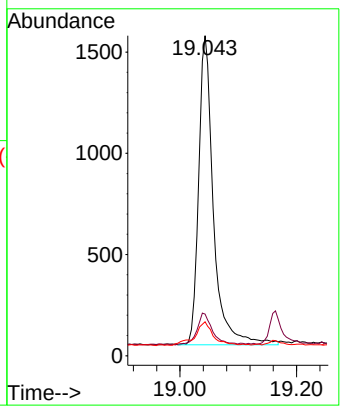


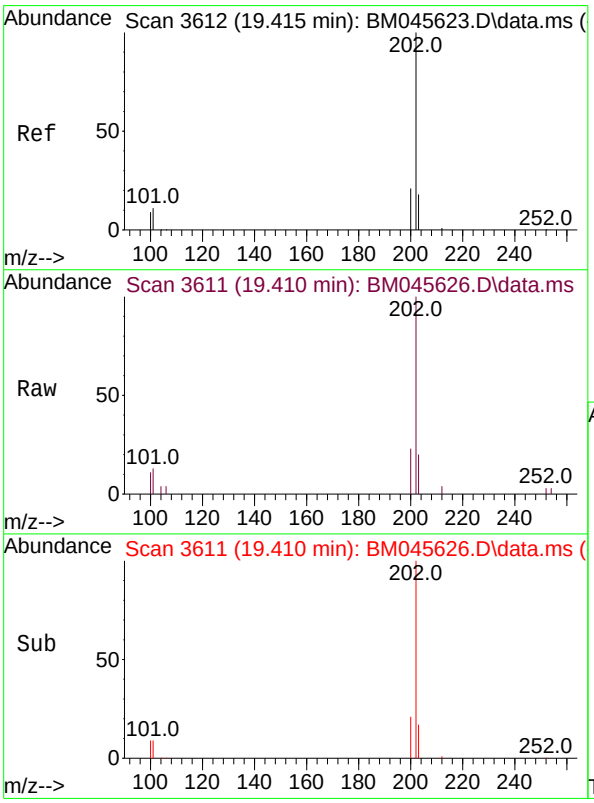
#19
Fluoranthene
Concen: 0.287 ng/ul
RT: 19.043 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2698

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.2	16.8
100	10.6	9.1	13.7

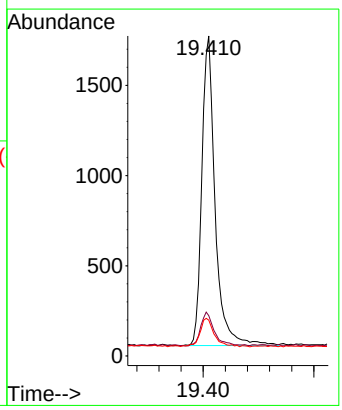


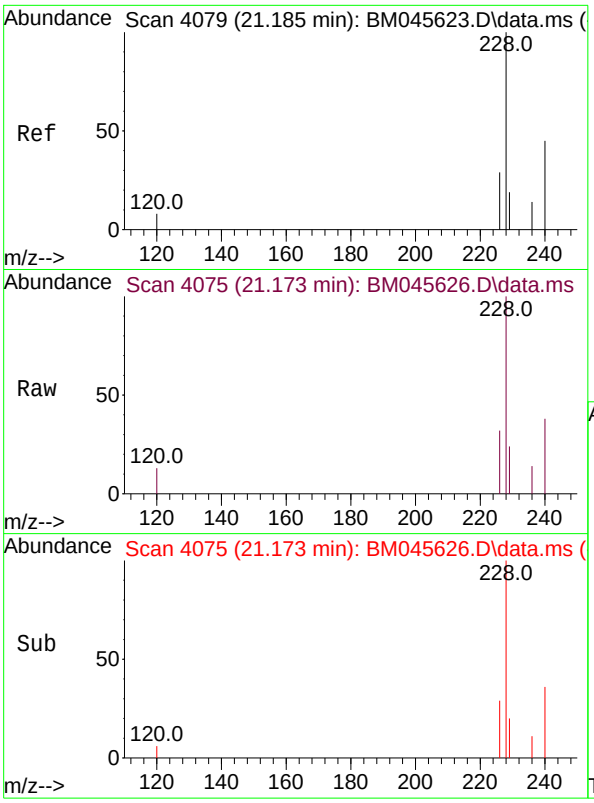


#20
Pyrene
Concen: 0.297 ng/ul
RT: 19.410 min Scan# 3611
Delta R.T. -0.005 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Tgt Ion:202 Resp: 2865

Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.5	17.3
100	11.2	10.6	15.8



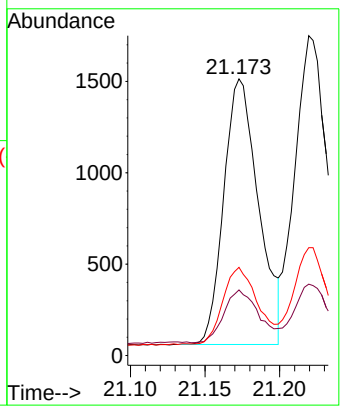


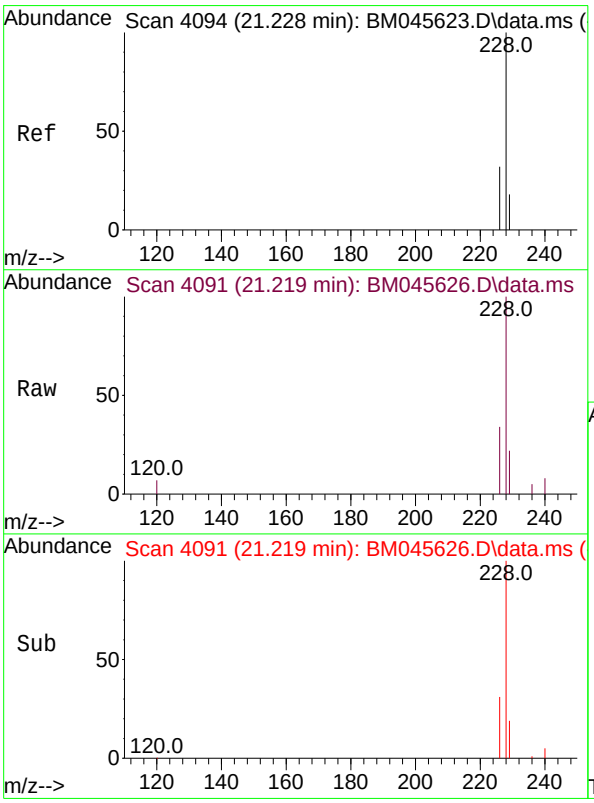
#21
Benzo(a)anthracene
Concen: 0.362 ng/ul
RT: 21.173 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2356

Ion	Ratio	Lower	Upper
228	100		
229	23.7	19.4	29.2
226	31.9	26.3	39.5

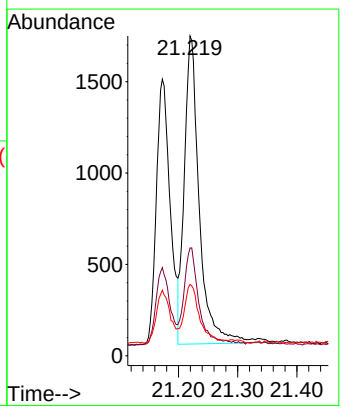


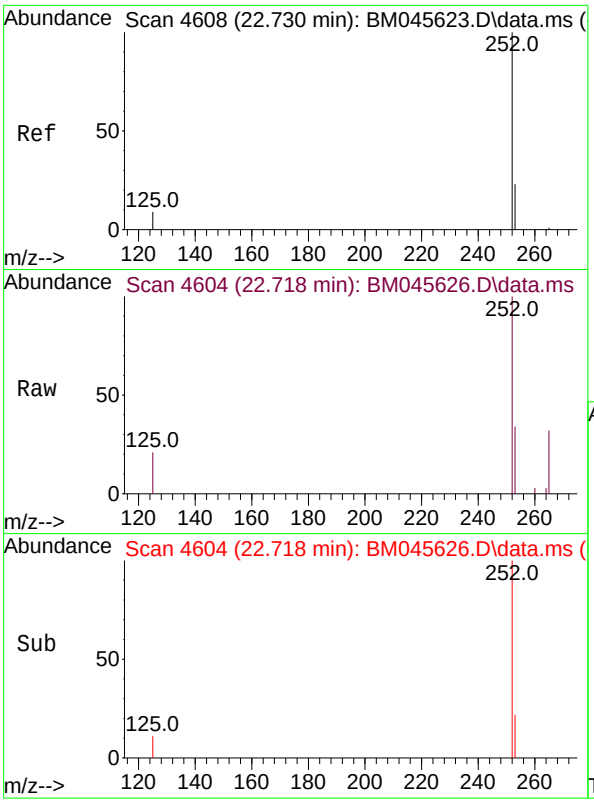


#22
Chrysene
Concen: 0.298 ng/ul
RT: 21.219 min Scan# 4091
Delta R.T. -0.009 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Tgt Ion:228 Resp: 2983

Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.3	39.5
229	22.3	17.8	26.8



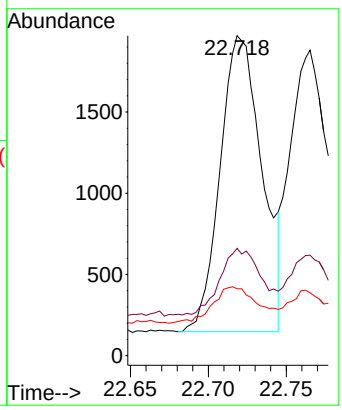


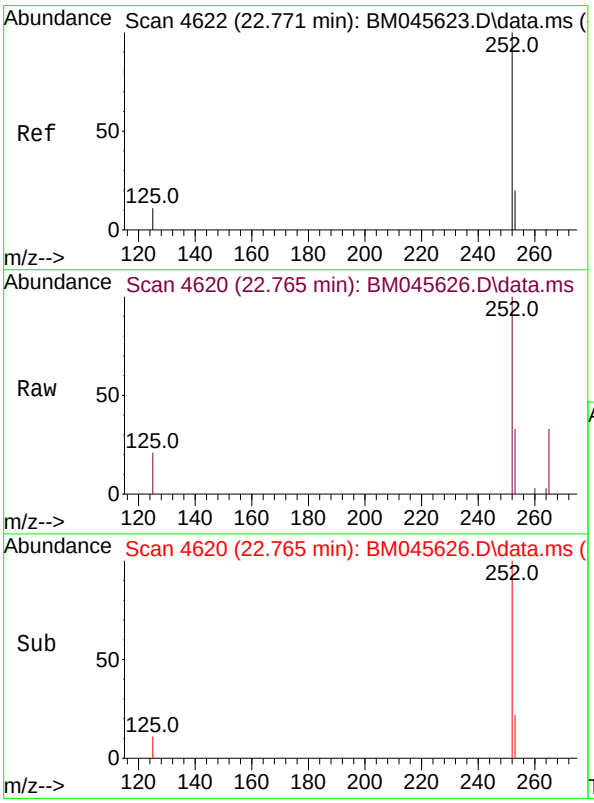
#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 22.718 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3408

Ion	Ratio	Lower	Upper
252	100		
253	33.6	0.0	63.4
125	20.9	0.0	36.8

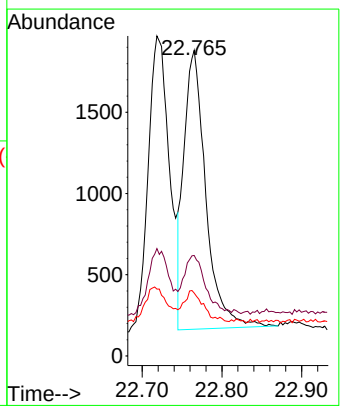


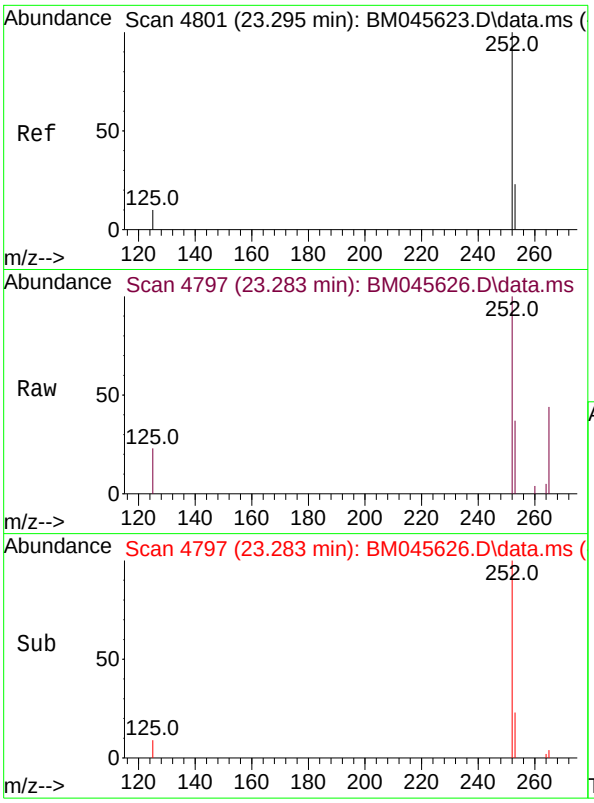


#25
Benzo(k)fluoranthene
Concen: 0.268 ng/ul
RT: 22.765 min Scan# 4620
Delta R.T. -0.006 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Tgt Ion:252 Resp: 3280

Ion	Ratio	Lower	Upper
252	100		
253	32.9	25.4	38.0
125	20.6	14.8	22.2



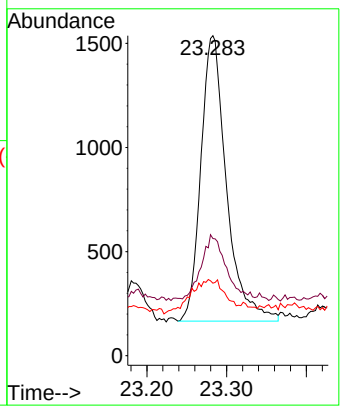


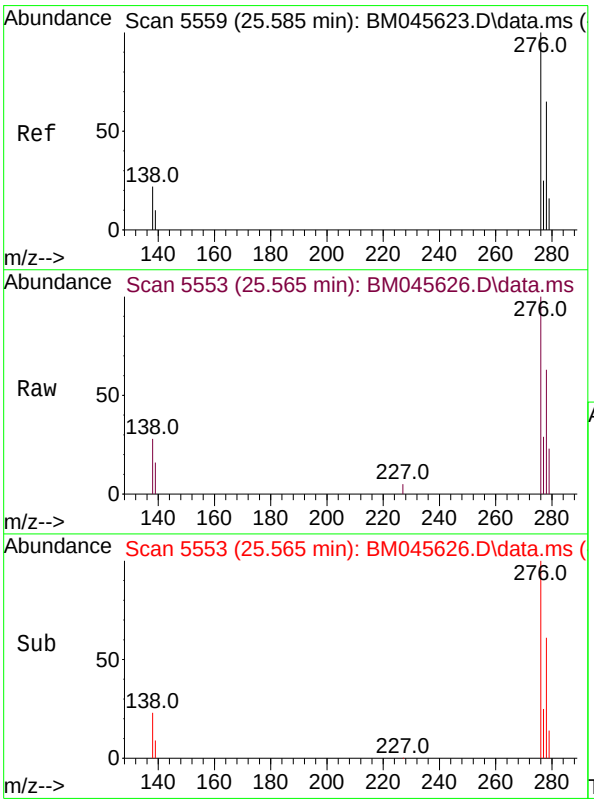
#26
Benzo(a)pyrene
Concen: 0.304 ng/ul
RT: 23.283 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3062

Ion	Ratio	Lower	Upper
252	100		
253	36.6	31.6	47.4
125	22.6	19.5	29.3

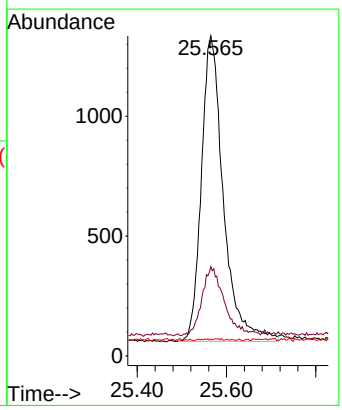


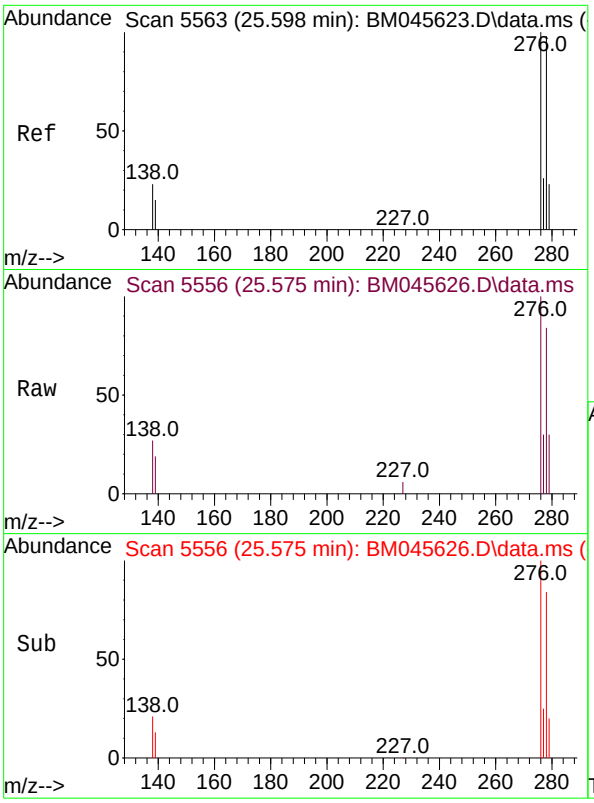


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.300 ng/ul
RT: 25.565 min Scan# 5553
Delta R.T. -0.020 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Tgt Ion:276 Resp: 4379

Ion	Ratio	Lower	Upper
276	100		
138	22.8	19.8	29.6
227	0.0	0.2	0.2#



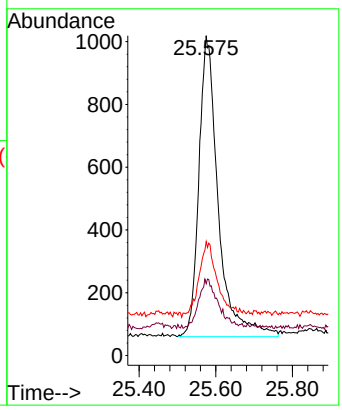


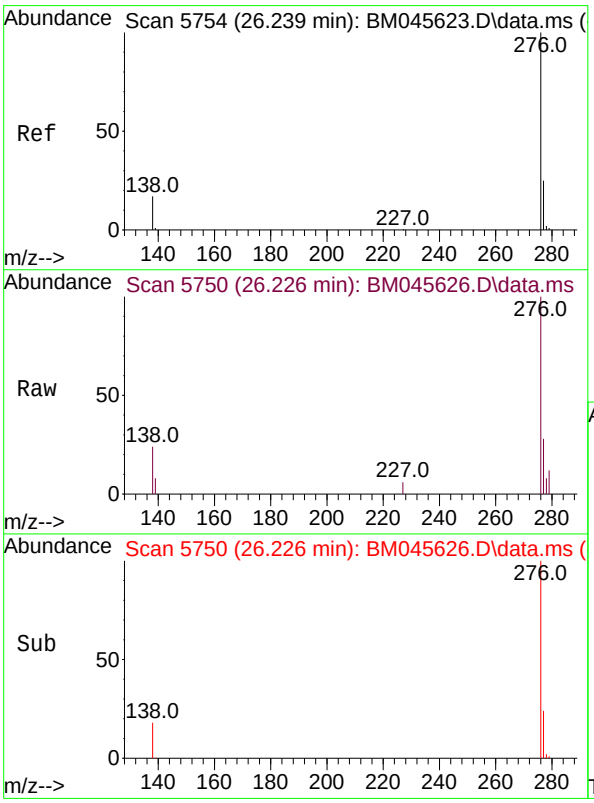
#28
Dibenzo(a,h)anthracene
Concen: 0.289 ng/ul
RT: 25.575 min Scan# 5
Delta R.T. -0.024 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 3356

Ion	Ratio	Lower	Upper
278	100		
139	22.5	19.0	28.6
279	35.6	29.4	44.2





#29
Benzo(g,h,i)perylene
Concen: 0.292 ng/ul
RT: 26.226 min Scan# 5750
Delta R.T. -0.014 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Tgt Ion:276 Resp: 3830

Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.8	31.2
277	28.1	21.8	32.8