

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041324\
 Data File : BM045215.D
 Acq On : 13 Apr 2024 21:17
 Operator : MA/JU
 Sample : P2014-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EOME6

Quant Time: Apr 15 00:36:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 00:32:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

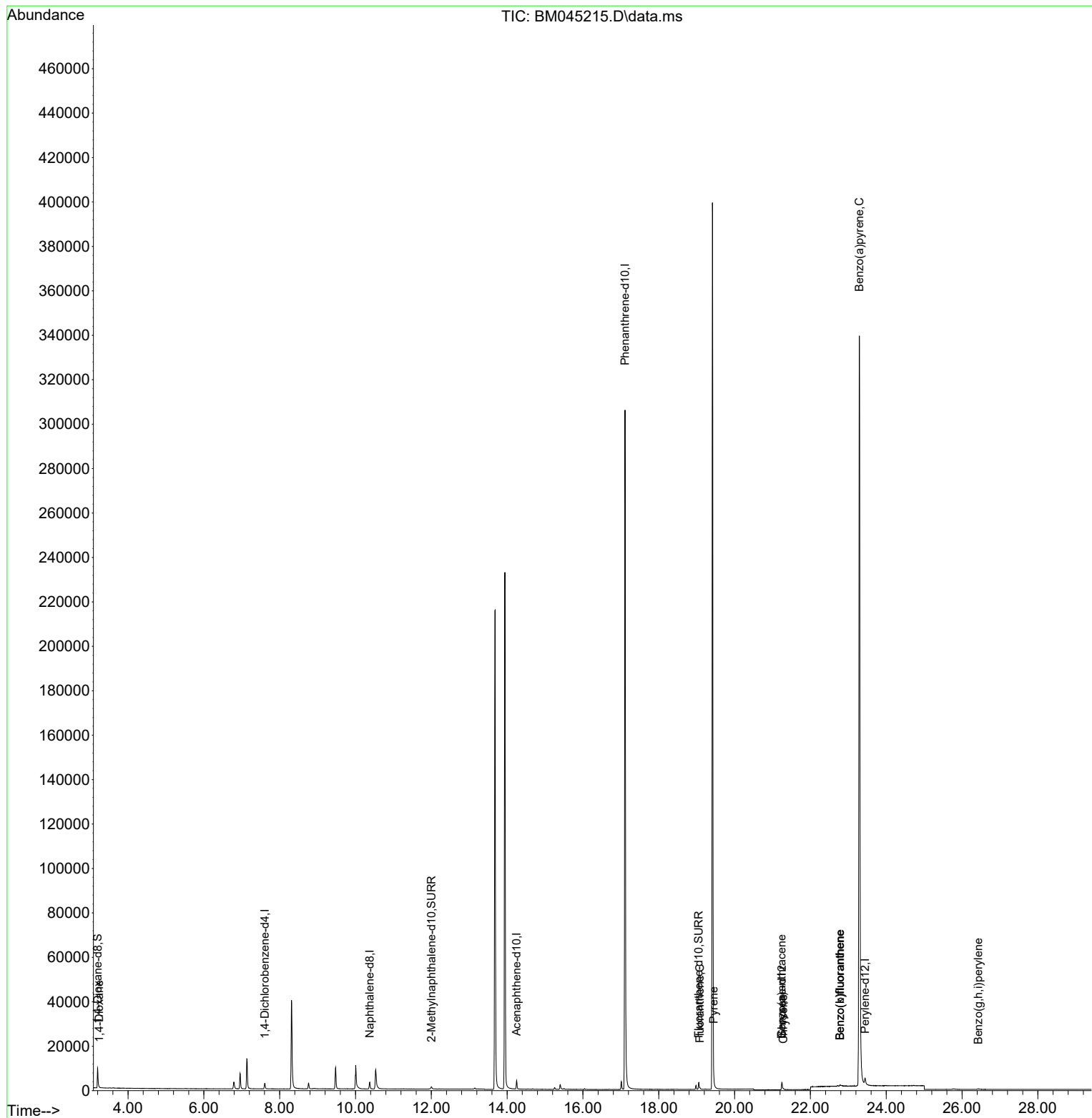
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.606	152	1454	0.400	ng/ul	0.00
4) Naphthalene-d8	10.374	136	4184	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.251	164	2095	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.110	188	381341	0.400	ng/ul	# 0.08
17) Chrysene-d12	21.249	240	2668	0.400	ng/ul	0.00
23) Perylene-d12	23.440	264	7179	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.201	96	6213	3.253	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.002	152	1852	0.327	ng/ul	0.00
18) Fluoranthene-d10	19.057	212	3866	0.573	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.238	88	103	0.056	ng/ul#	62
19) Fluoranthene	19.085	202	552	0.058	ng/ul#	63
20) Pyrene	19.447	202	489	0.049	ng/ul#	21
21) Benzo(a)anthracene	21.243	228	325	0.035	ng/ul#	63
22) Chrysene	21.284	228	477	0.041	ng/ul#	72
24) Benzo(b)fluoranthene	22.783	252	962	0.037	ng/ul#	15
25) Benzo(k)fluoranthene	22.783	252	1463	0.050	ng/ul#	11
26) Benzo(a)pyrene	23.291	252	2361	0.095	ng/ul#	54
29) Benzo(g,h,i)perylene	26.427	276	612	0.021	ng/ul#	38

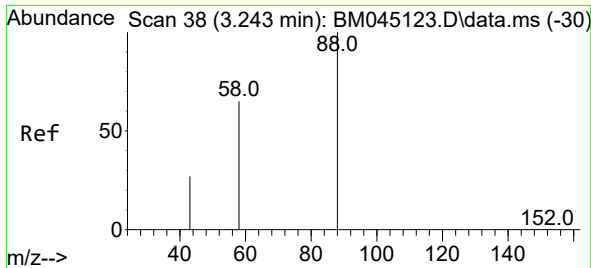
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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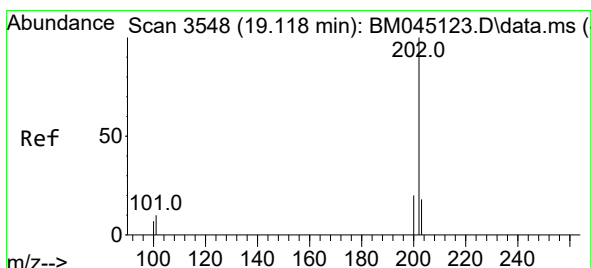
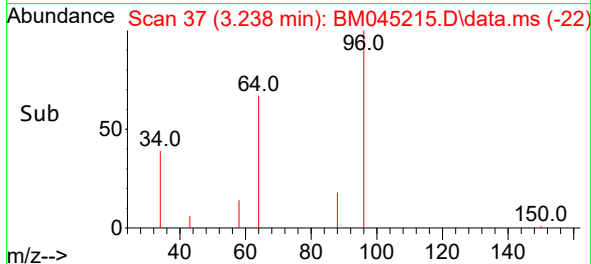
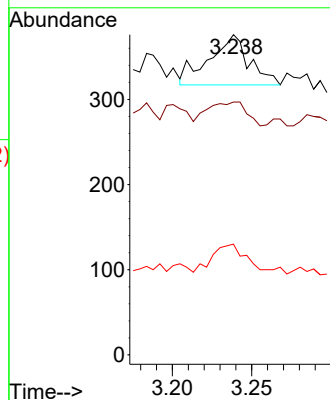
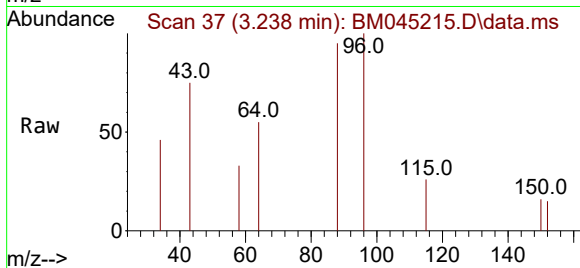




#2
1,4-Dioxane
Concen: 0.056 ng/ul
RT: 3.238 min Scan# 31
Delta R.T. 0.004 min
Lab File: BM045215.D
Acq: 13 Apr 2024 21:17

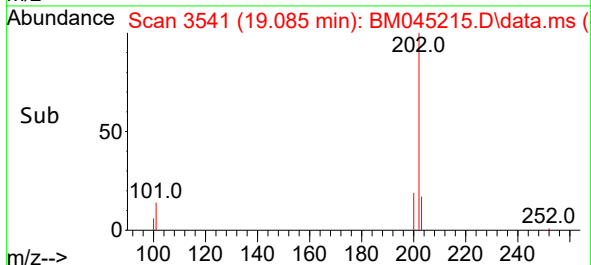
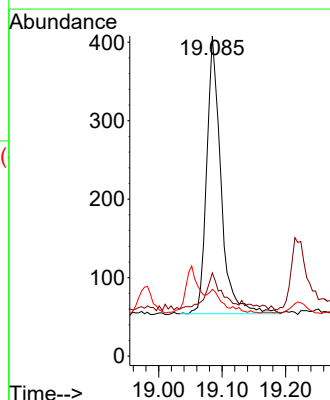
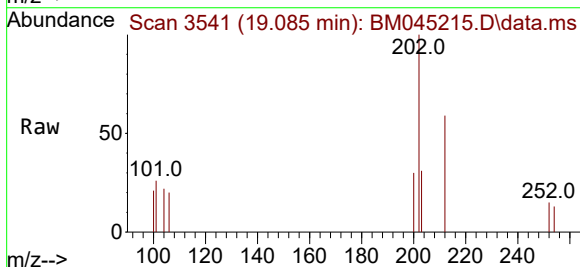
Instrument :
BNA_M
ClientSampleId :
EOME6

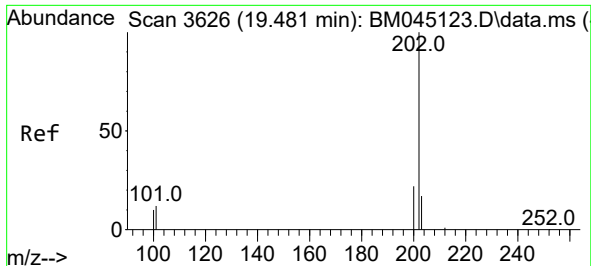
Tgt Ion: 88 Resp: 103
Ion Ratio Lower Upper
88 100
43 79.0 30.6 46.0#
58 34.6 32.6 48.8



#19
Fluoranthene
Concen: 0.058 ng/ul
RT: 19.085 min Scan# 3541
Delta R.T. -0.010 min
Lab File: BM045215.D
Acq: 13 Apr 2024 21:17

Tgt Ion: 202 Resp: 552
Ion Ratio Lower Upper
202 100
101 26.0 8.8 13.2#
100 20.8 7.0 10.4#

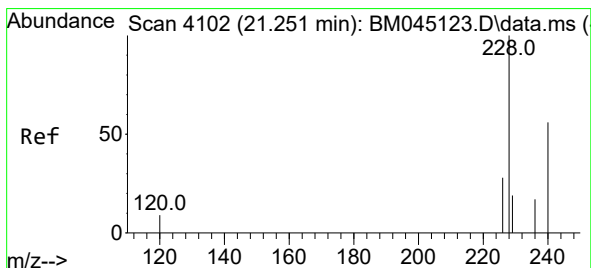
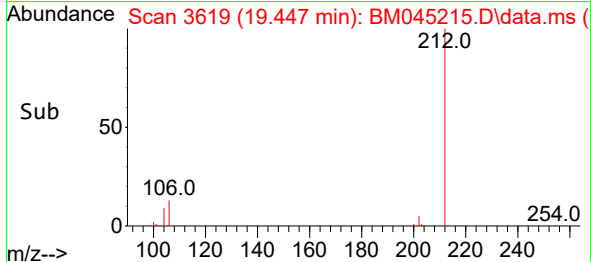
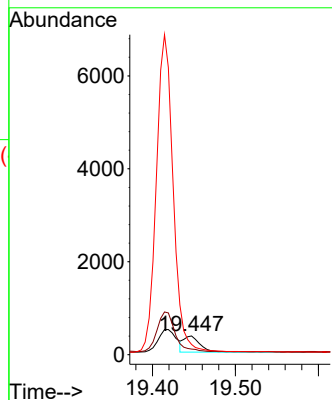
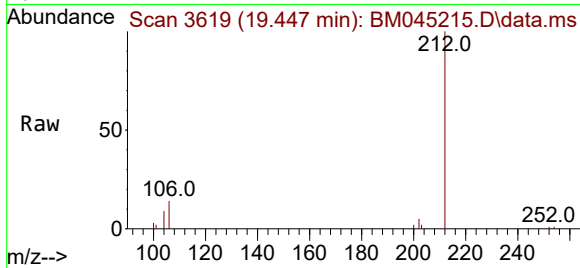




#20
Pyrene
Concen: 0.049 ng/ul
RT: 19.447 min Scan# 3099
Delta R.T. -0.015 min
Lab File: BM045215.D
Acq: 13 Apr 2024 21:17

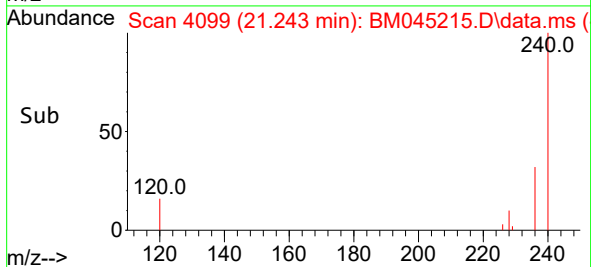
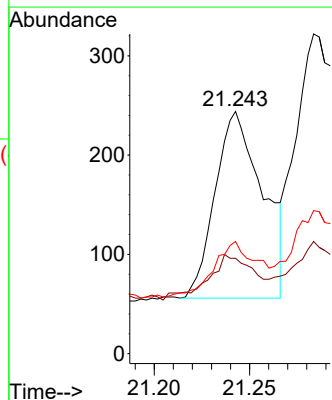
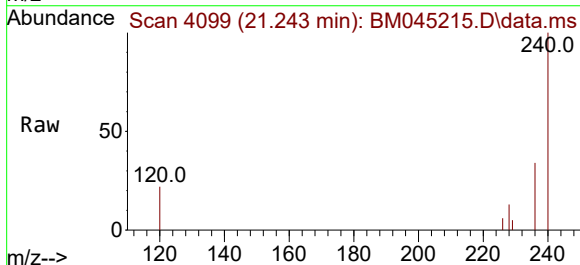
Instrument :
BNA_M
ClientSampleId :
EOME6

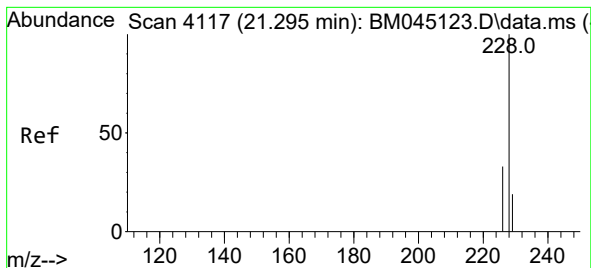
Tgt Ion:202 Resp: 489
Ion Ratio Lower Upper
202 100
101 30.0 9.8 14.6#
100 54.2 8.1 12.1#



#21
Benzo(a)anthracene
Concen: 0.035 ng/ul
RT: 21.243 min Scan# 4099
Delta R.T. 0.015 min
Lab File: BM045215.D
Acq: 13 Apr 2024 21:17

Tgt Ion:228 Resp: 325
Ion Ratio Lower Upper
228 100
229 39.3 16.4 24.6#
226 46.3 22.3 33.5#





#22

Chrysene

Concen: 0.041 ng/ul

RT: 21.284 min Scan# 4117

Delta R.T. 0.007 min

Lab File: BM045215.D

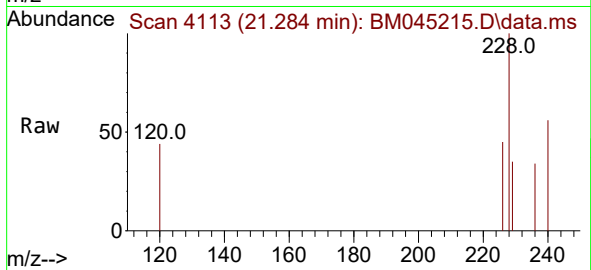
Acq: 13 Apr 2024 21:17

Instrument :

BNA_M

ClientSampleId :

EOME6



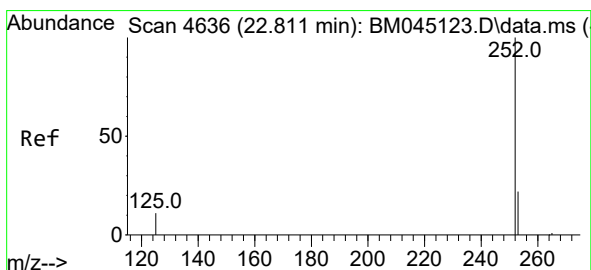
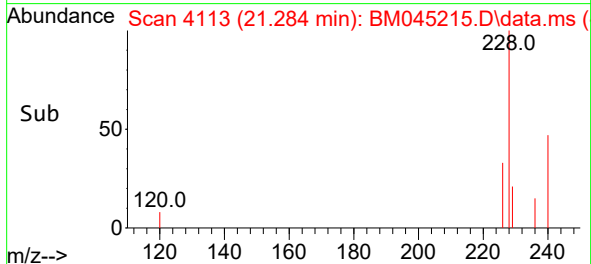
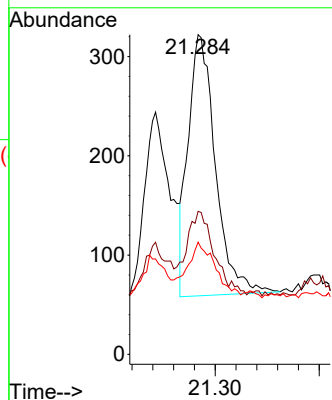
Tgt Ion:228 Resp: 477

Ion Ratio Lower Upper

228 100

226 44.7 24.9 37.3#

229 35.1 15.9 23.9#



#24

Benzo(b)fluoranthene

Concen: 0.037 ng/ul

RT: 22.783 min Scan# 4626

Delta R.T. -0.011 min

Lab File: BM045215.D

Acq: 13 Apr 2024 21:17

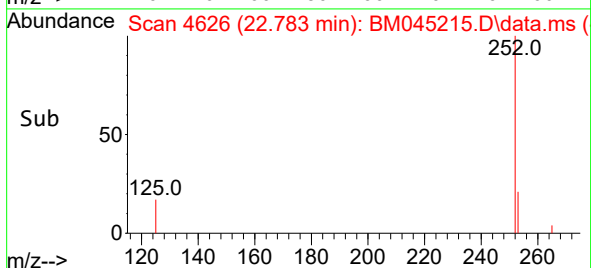
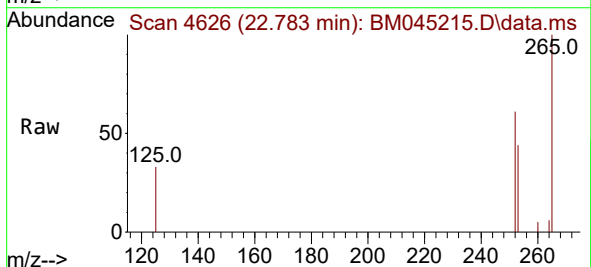
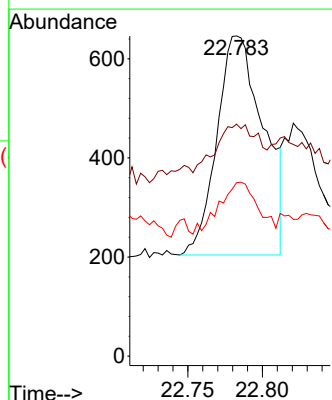
Tgt Ion:252 Resp: 962

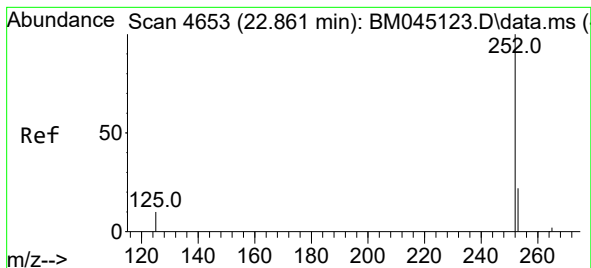
Ion Ratio Lower Upper

252 100

253 72.4 0.0 56.4#

125 54.2 0.0 33.4#





#25

Benzo(k)fluoranthene

Concen: 0.050 ng/ul

RT: 22.783 min Scan# 4

Delta R.T. -0.058 min

Lab File: BM045215.D

Acq: 13 Apr 2024 21:17

Instrument :

BNA_M

ClientSampleId :

EOME6

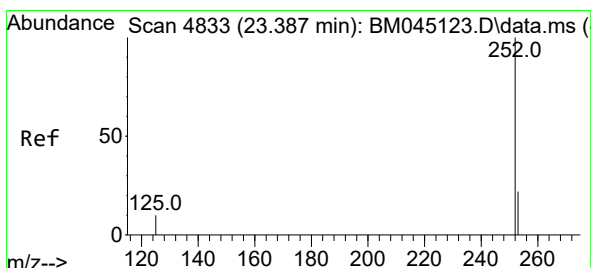
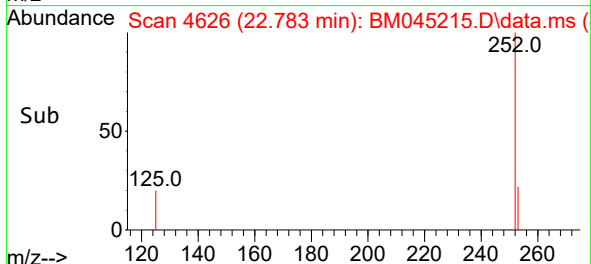
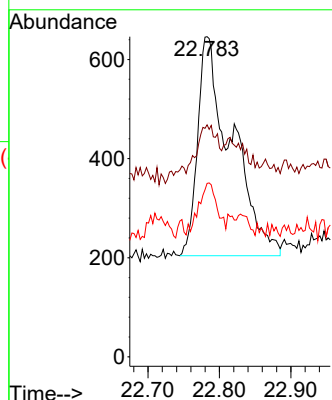
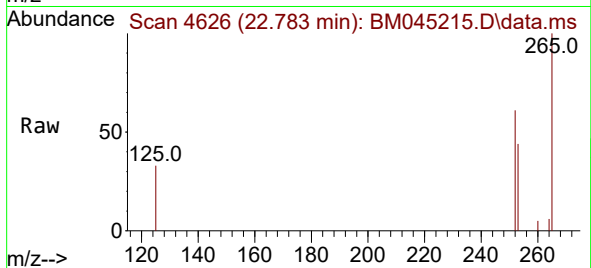
Tgt Ion:252 Resp: 1463

Ion Ratio Lower Upper

252 100

253 72.4 22.3 33.5#

125 54.2 11.6 17.4#



#26

Benzo(a)pyrene

Concen: 0.095 ng/ul

RT: 23.291 min Scan# 4800

Delta R.T. -0.072 min

Lab File: BM045215.D

Acq: 13 Apr 2024 21:17

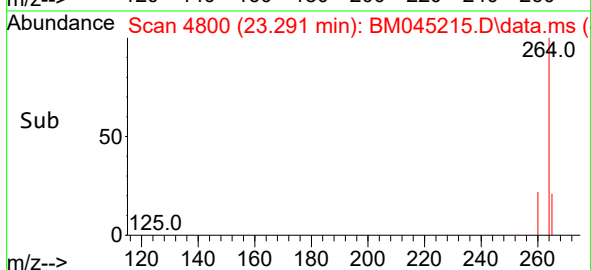
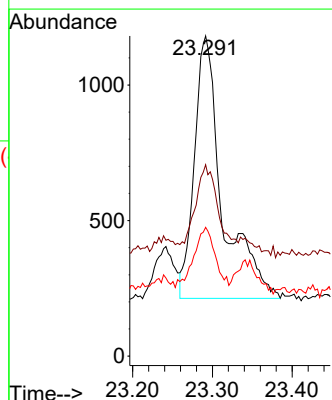
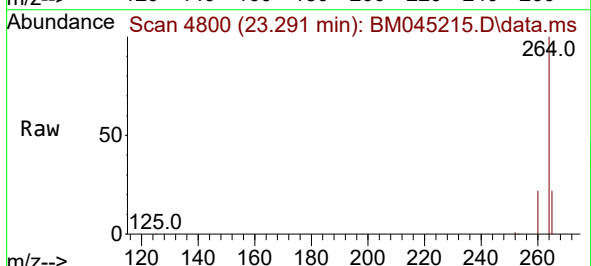
Tgt Ion:252 Resp: 2361

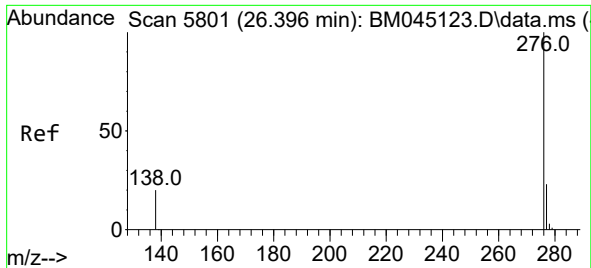
Ion Ratio Lower Upper

252 100

253 59.8 24.6 37.0#

125 40.2 18.2 27.4#





#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 26.427 min Scan# 5810
Delta R.T. 0.061 min
Lab File: BM045215.D
Acq: 13 Apr 2024 21:17

Instrument :
BNA_M
ClientSampleId :
E0ME6

Tgt Ion:276 Resp: 612
Ion Ratio Lower Upper
276 100
138 53.5 16.8 25.2#
277 53.5 20.3 30.5#

