

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041324\
 Data File : BM045211.D
 Acq On : 13 Apr 2024 18:53
 Operator : MA/JU
 Sample : P2014-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0ME4

Quant Time: Apr 15 00:36:10 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)

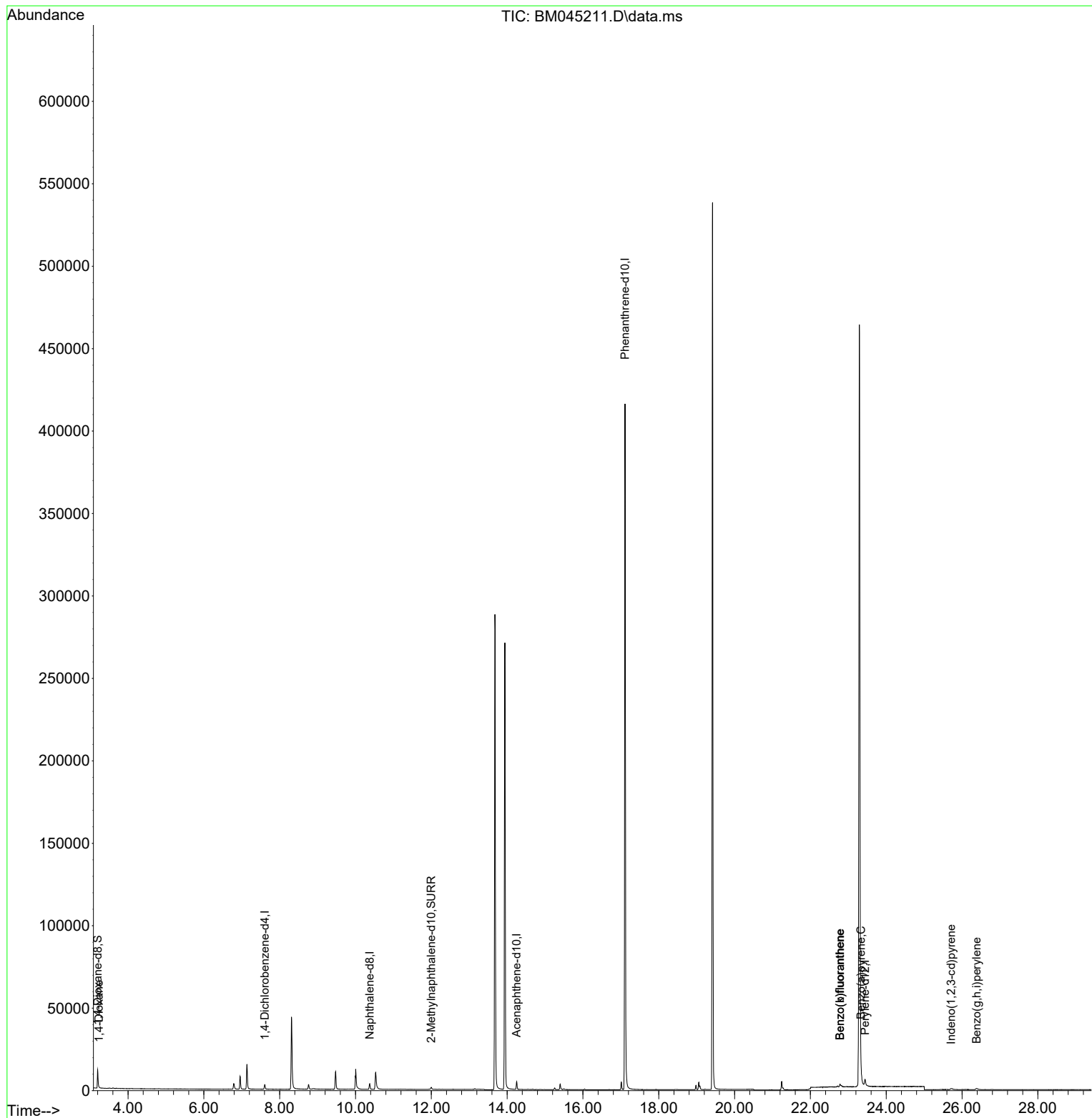
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.606	152	1603	0.400	ng/ul	0.00
4) Naphthalene-d8	10.374	136	4928	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.251	164	2683	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.110	188	510296	0.400	ng/ul	# 0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.24
23) Perylene-d12	23.440	264	8381	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.201	96	7598	3.608	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.997	152	2261	0.339	ng/ul	0.00
18) Fluoranthene-d10	19.057	212	5314	0.000	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.230	88	98	0.049	ng/ul#	47
24) Benzo(b)fluoranthene	22.780	252	2542	0.084	ng/ul#	55
25) Benzo(k)fluoranthene	22.780	252	3549	0.105	ng/ul#	52
26) Benzo(a)pyrene	23.335	252	1218	0.042	ng/ul#	40
27) Indeno(1,2,3-cd)pyrene	25.709	276	1655	0.042	ng/ul#	100
29) Benzo(g,h,i)perylene	26.386	276	2043	0.060	ng/ul#	80

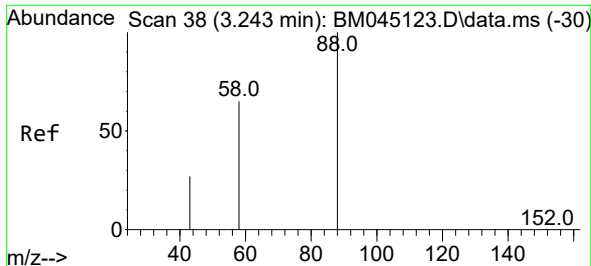
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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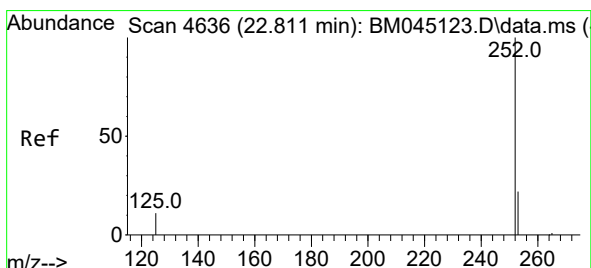
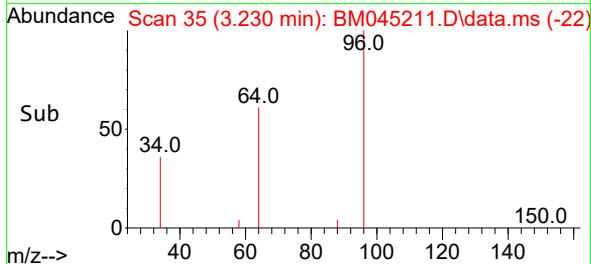
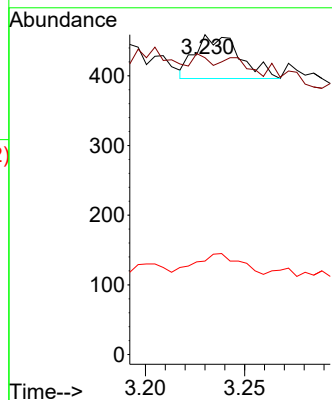
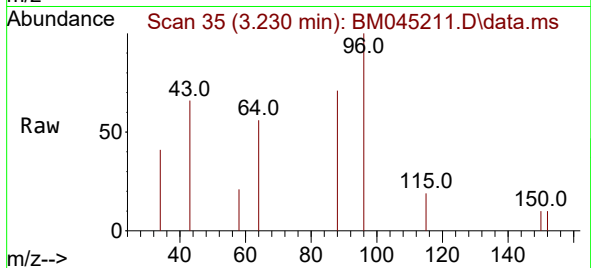




#2
1,4-Dioxane
Concen: 0.049 ng/ul
RT: 3.230 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM045211.D
Acq: 13 Apr 2024 18:53

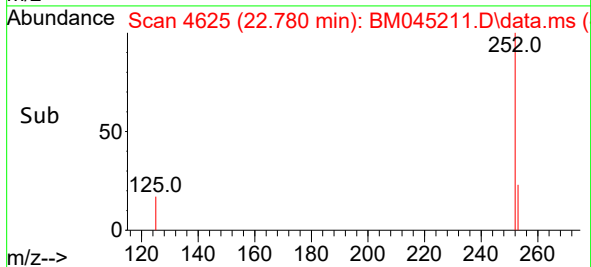
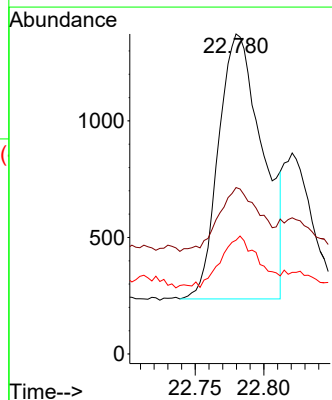
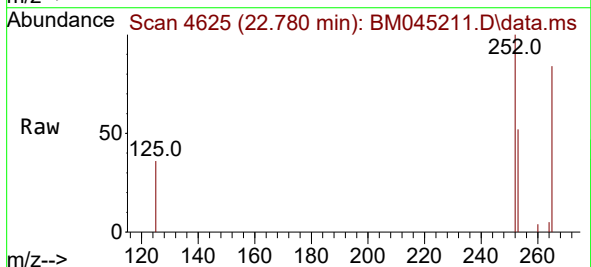
Instrument :
BNA_M
ClientSampleId :
EOME4

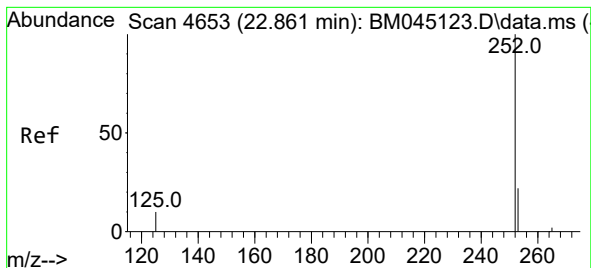
Tgt Ion: 88 Resp: 98
Ion Ratio Lower Upper
88 100
43 92.8 30.6 46.0#
58 29.2 32.6 48.8#



#24
Benzo(b)fluoranthene
Concen: 0.084 ng/ul
RT: 22.780 min Scan# 4625
Delta R.T. -0.014 min
Lab File: BM045211.D
Acq: 13 Apr 2024 18:53

Tgt Ion: 252 Resp: 2542
Ion Ratio Lower Upper
252 100
253 52.0 0.0 56.4
125 35.5 0.0 33.4#





#25

Benzo(k)fluoranthene

Concen: 0.105 ng/ul

RT: 22.780 min Scan# 4

Delta R.T. -0.061 min

Lab File: BM045211.D

Acq: 13 Apr 2024 18:53

Instrument :

BNA_M

ClientSampleId :

EOME4

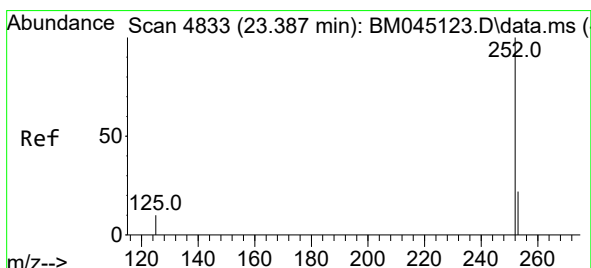
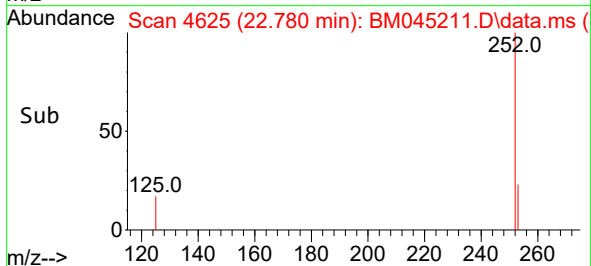
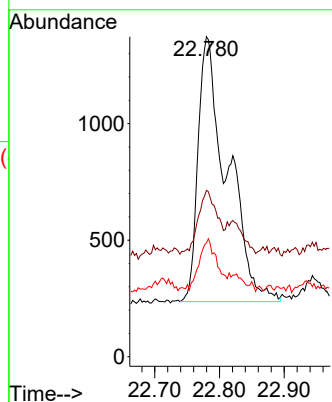
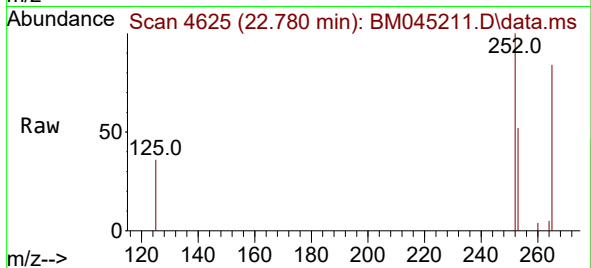
Tgt Ion:252 Resp: 3549

Ion Ratio Lower Upper

252 100

253 52.0 22.3 33.5#

125 35.5 11.6 17.4#



#26

Benzo(a)pyrene

Concen: 0.042 ng/ul

RT: 23.335 min Scan# 4815

Delta R.T. -0.028 min

Lab File: BM045211.D

Acq: 13 Apr 2024 18:53

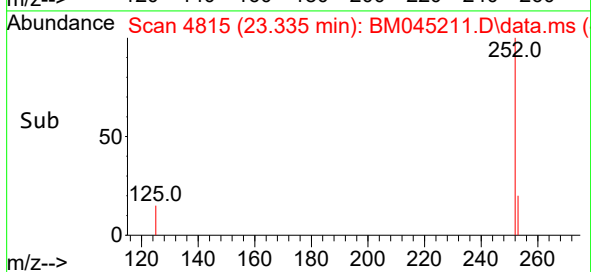
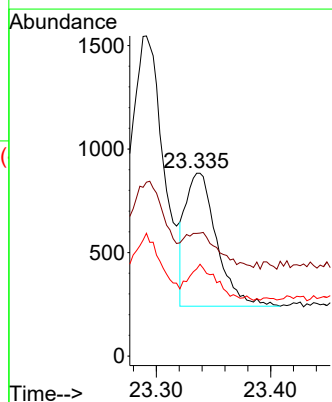
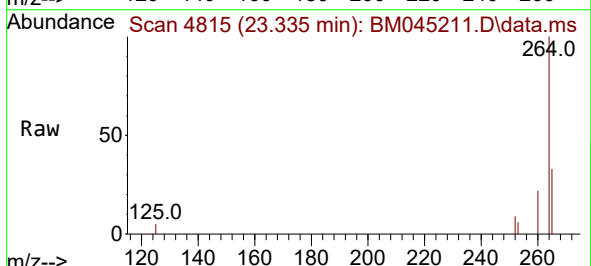
Tgt Ion:252 Resp: 1218

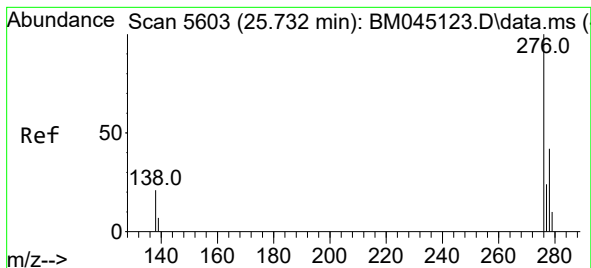
Ion Ratio Lower Upper

252 100

253 67.0 24.6 37.0#

125 47.7 18.2 27.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.042 ng/ul

RT: 25.709 min Scan# 51

Delta R.T. 0.014 min

Lab File: BM045211.D

Acq: 13 Apr 2024 18:53

Instrument :

BNA_M

ClientSampleId :

EOME4

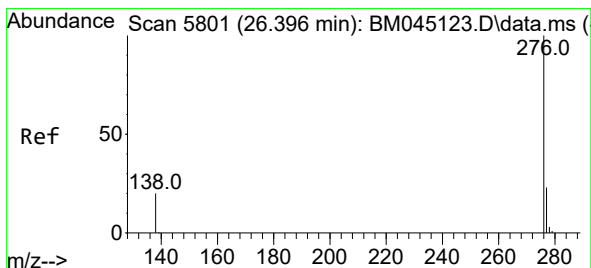
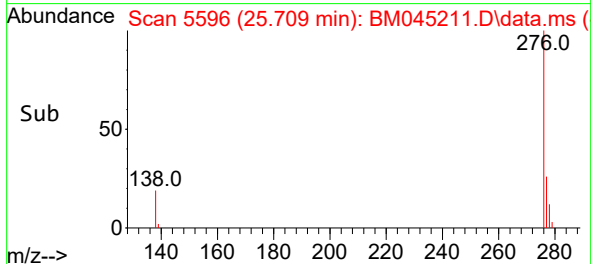
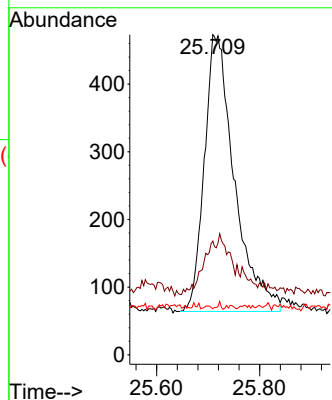
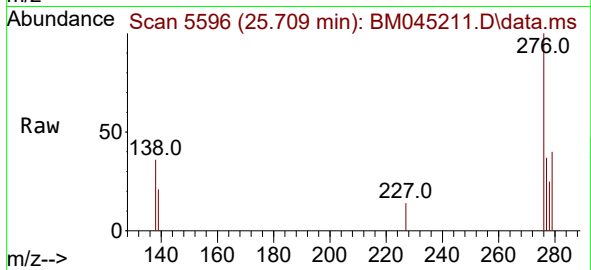
Tgt Ion:276 Resp: 1655

Ion Ratio Lower Upper

276 100

138 18.6 0.0 0.0#

227 0.3 0.1 0.1#



#29

Benzo(g,h,i)perylene

Concen: 0.060 ng/ul

RT: 26.386 min Scan# 5798

Delta R.T. 0.021 min

Lab File: BM045211.D

Acq: 13 Apr 2024 18:53

Tgt Ion:276 Resp: 2043

Ion Ratio Lower Upper

276 100

138 32.7 16.8 25.2#

277 33.3 20.3 30.5#

