

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
 Data File : BM045467.D
 Acq On : 21 Apr 2024 18:10
 Operator : MA/JU
 Sample : P2140-12
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 22 02:05:00 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)

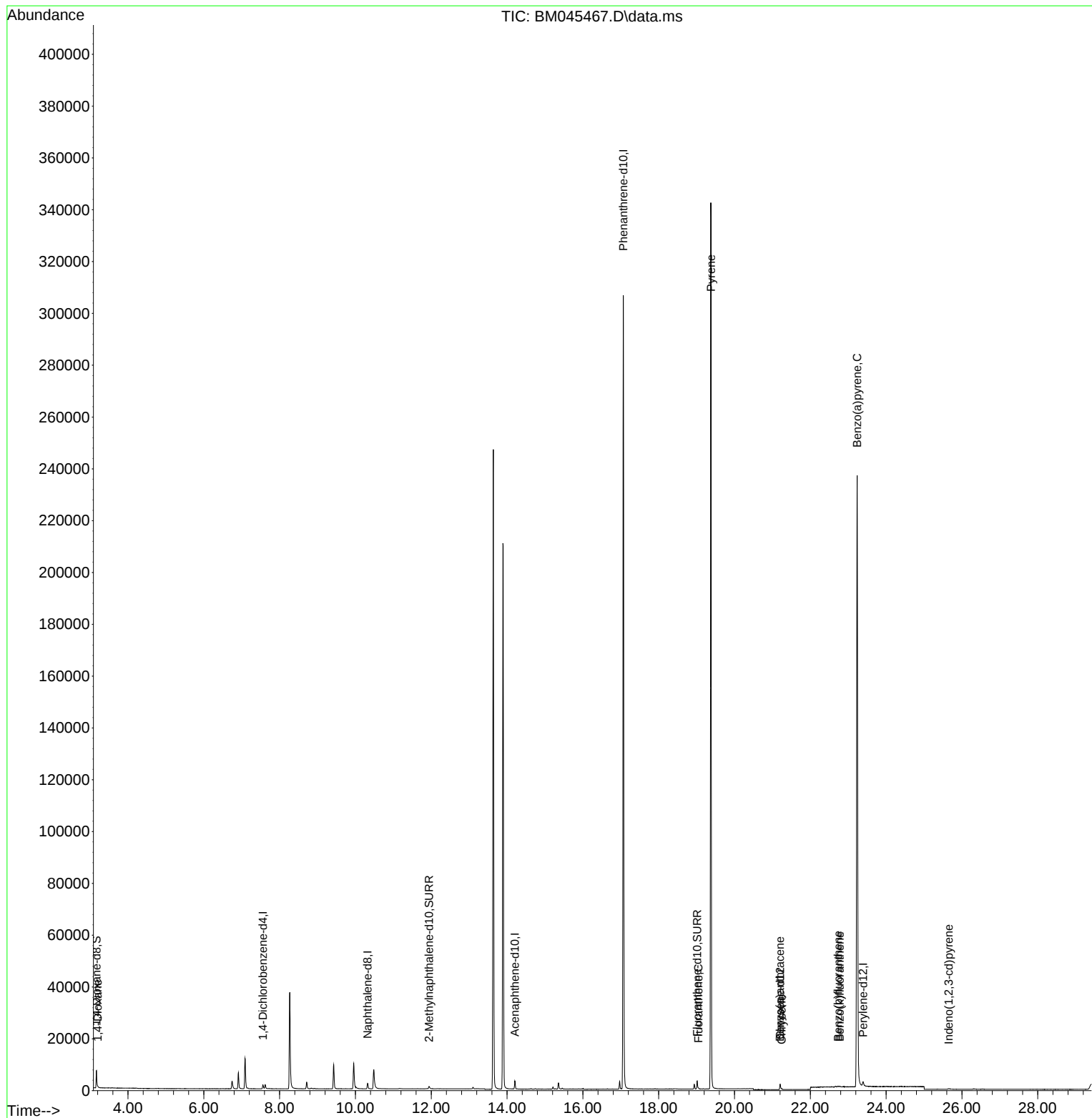
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	925	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.320	136	2981	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.206	164	1691	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.065	188	356774	0.400	ng/ul	# 0.06
17) Chrysene-d12	21.204	240	2176	0.400	ng/ul	0.00
23) Perylene-d12	23.393	264	3457	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	4630	3.734	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152	1653	0.420	ng/ul	-0.03
18) Fluoranthene-d10	19.016	212	3590	0.524	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.201	88	157	0.132	ng/ul#	49
19) Fluoranthene	19.044	202	338	0.034	ng/ul#	55
20) Pyrene	19.378	202	1004	0.097	ng/ul#	1
21) Benzo(a)anthracene	21.195	228	276	0.040	ng/ul#	75
22) Chrysene	21.242	228	316	0.030	ng/ul#	74
24) Benzo(b)fluoranthene	22.729	252	351	0.030	ng/ul#	1
25) Benzo(k)fluoranthene	22.776	252	335	0.023	ng/ul#	1
26) Benzo(a)pyrene	23.232	252	1542	0.128	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	25.648	276	388	0.022	ng/ul#	84

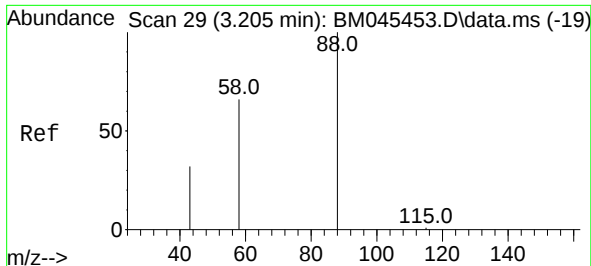
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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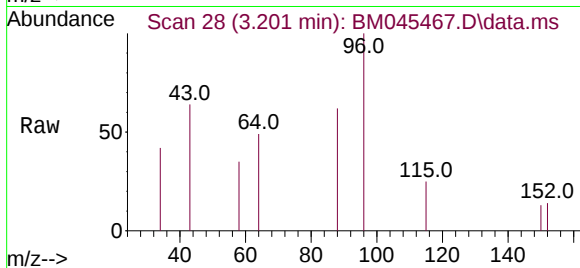
Quant Time: Apr 22 02:05:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
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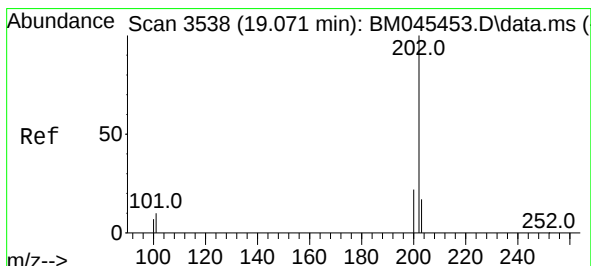
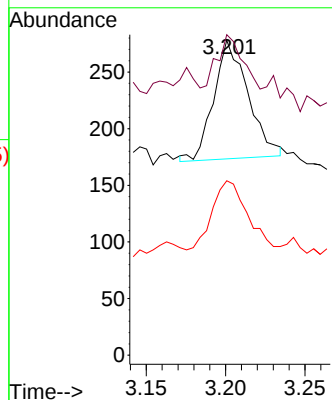
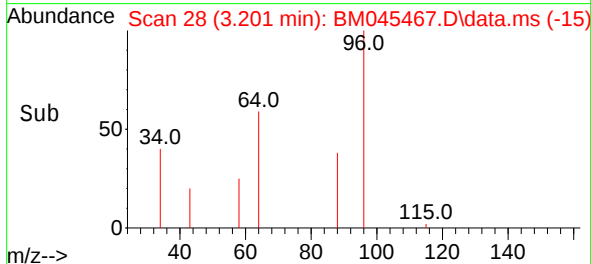


#2
 1,4-Dioxane
 Concen: 0.132 ng/ul
 RT: 3.201 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BM045467.D
 Acq: 21 Apr 2024 18:10

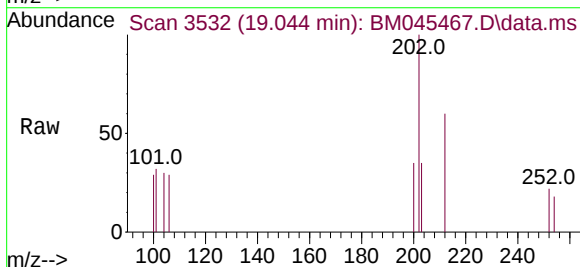
Instrument :
 BNA_M
 ClientSampleId :



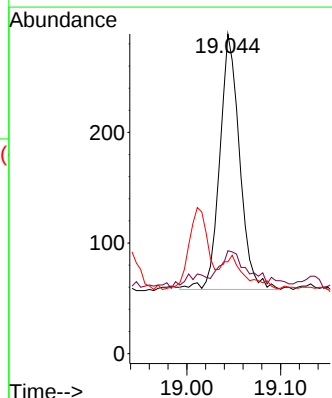
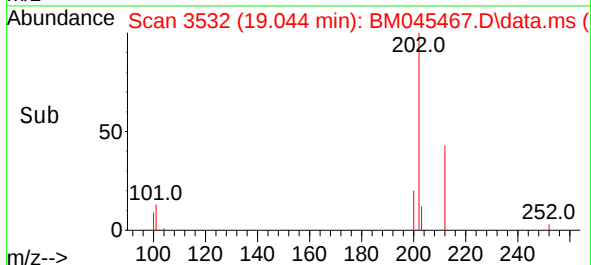
Tgt Ion: 88 Resp: 157
 Ion Ratio Lower Upper
 88 100
 43 101.8 36.8 55.2#
 58 55.4 35.4 53.2#

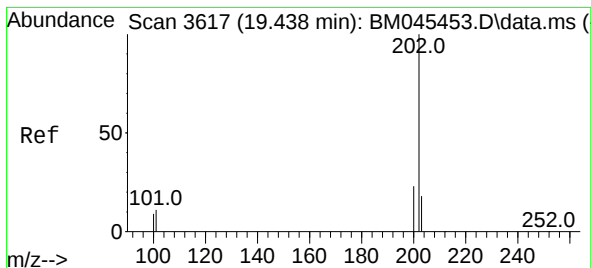


#19
 Fluoranthene
 Concen: 0.034 ng/ul
 RT: 19.044 min Scan# 3532
 Delta R.T. -0.027 min
 Lab File: BM045467.D
 Acq: 21 Apr 2024 18:10



Tgt Ion: 202 Resp: 338
 Ion Ratio Lower Upper
 202 100
 101 32.2 11.2 16.8#
 100 28.7 9.1 13.7#





#20

Pyrene

Concen: 0.097 ng/ul

RT: 19.378 min Scan# 3

Delta R.T. -0.060 min

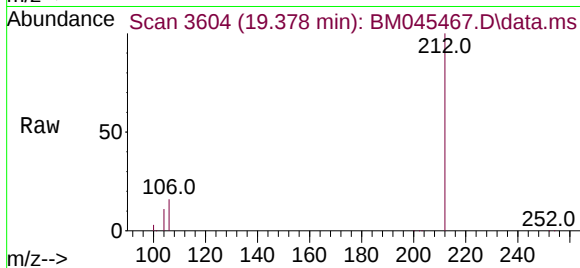
Lab File: BM045467.D

Acq: 21 Apr 2024 18:10

Instrument :

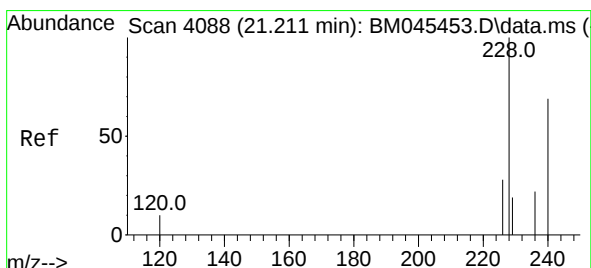
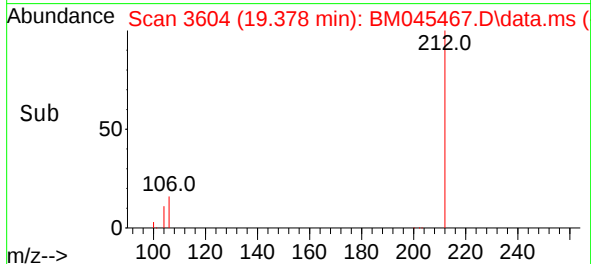
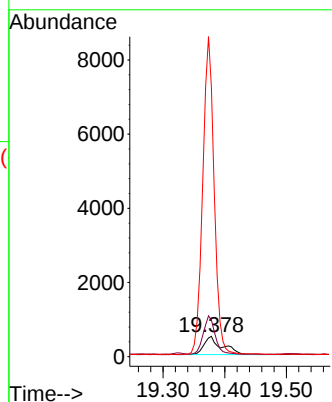
BNA_M

ClientSampleId :



Tgt Ion:202 Resp: 1004

Ion	Ratio	Lower	Upper
202	100		
101	181.3	11.5	17.3#
100	1331.7	10.6	15.8#



#21

Benzo(a)anthracene

Concen: 0.040 ng/ul

RT: 21.195 min Scan# 4083

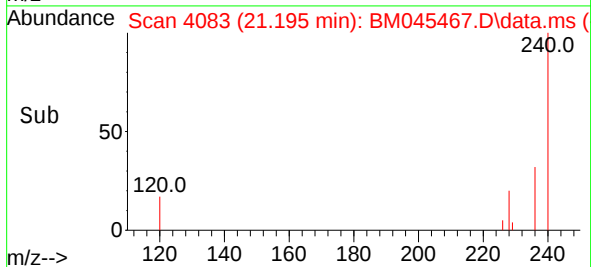
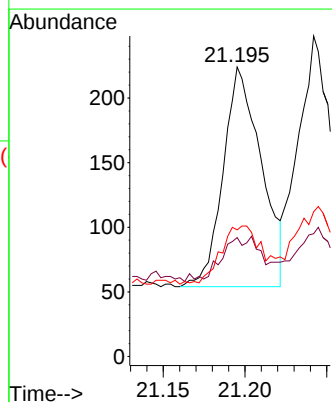
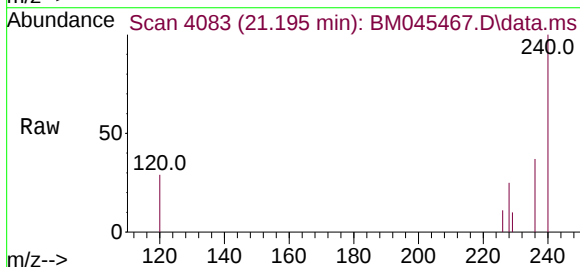
Delta R.T. -0.015 min

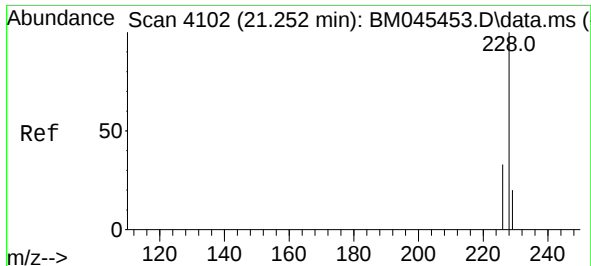
Lab File: BM045467.D

Acq: 21 Apr 2024 18:10

Tgt Ion:228 Resp: 276

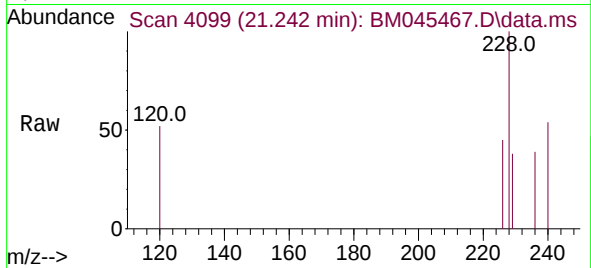
Ion	Ratio	Lower	Upper
228	100		
229	41.1	19.4	29.2#
226	43.8	26.3	39.5#



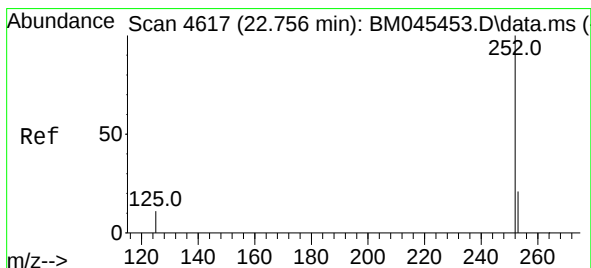
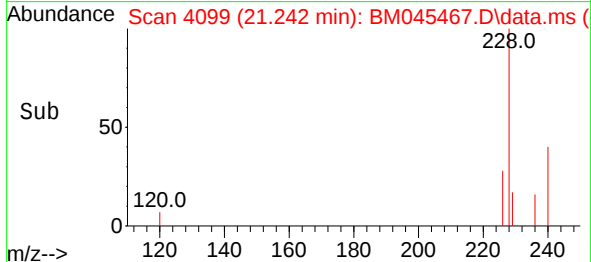
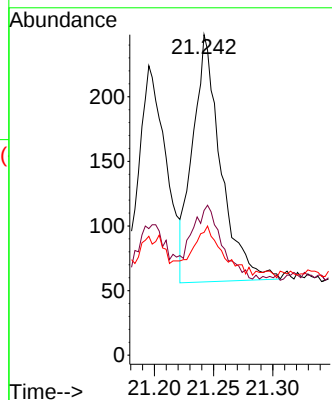


#22
Chrysene
Concen: 0.030 ng/ul
RT: 21.242 min Scan# 4099
Delta R.T. -0.010 min
Lab File: BM045467.D
Acq: 21 Apr 2024 18:10

Instrument :
BNA_M
ClientSampleId :

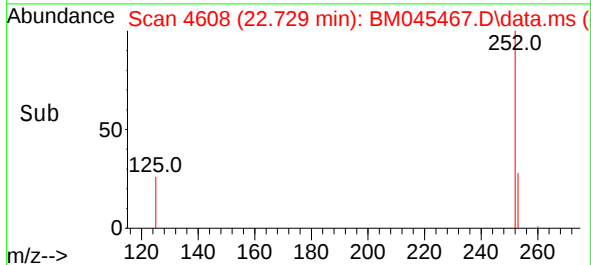
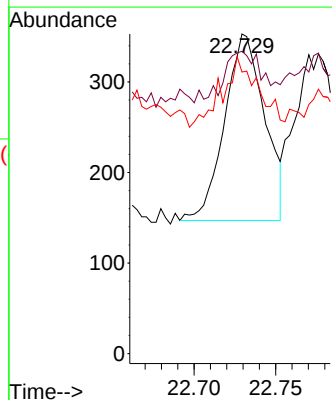
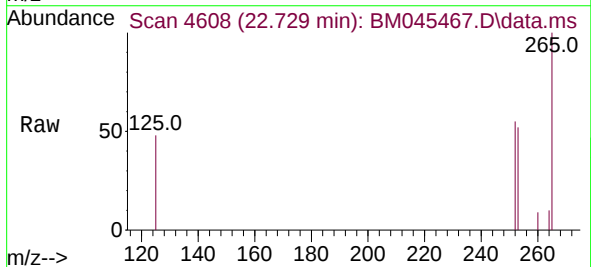


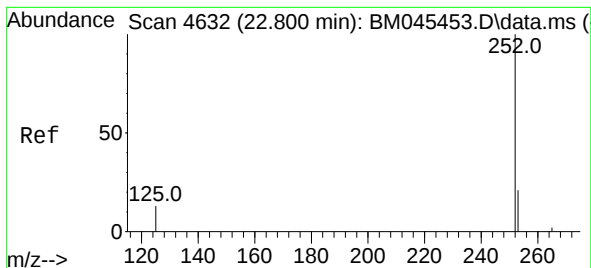
Tgt Ion:228 Resp: 316
Ion Ratio Lower Upper
228 100
226 45.2 26.3 39.5#
229 38.3 17.8 26.8#



#24
Benzo(b)fluoranthene
Concen: 0.030 ng/ul
RT: 22.729 min Scan# 4608
Delta R.T. -0.027 min
Lab File: BM045467.D
Acq: 21 Apr 2024 18:10

Tgt Ion:252 Resp: 351
Ion Ratio Lower Upper
252 100
253 94.6 0.0 63.4#
125 88.1 0.0 36.8#





#25

Benzo(k)fluoranthene

Concen: 0.023 ng/ul

RT: 22.776 min Scan# 4

Delta R.T. -0.024 min

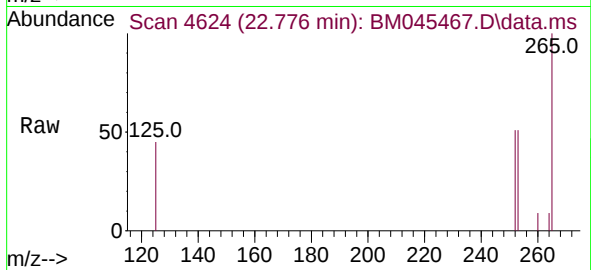
Lab File: BM045467.D

Acq: 21 Apr 2024 18:10

Instrument :

BNA_M

ClientSampleId :



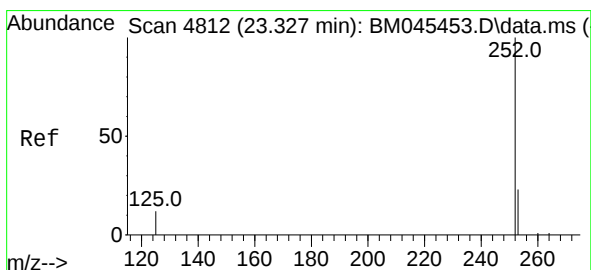
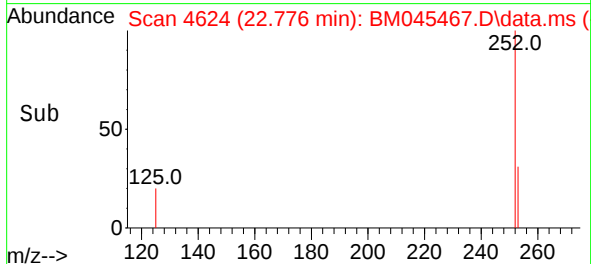
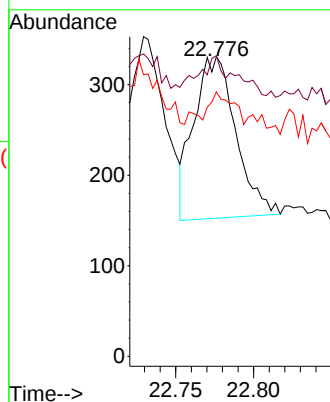
Tgt Ion:252 Resp: 335

Ion Ratio Lower Upper

252 100

253 100.3 25.4 38.0#

125 88.2 14.8 22.2#



#26

Benzo(a)pyrene

Concen: 0.128 ng/ul

RT: 23.232 min Scan# 4780

Delta R.T. -0.094 min

Lab File: BM045467.D

Acq: 21 Apr 2024 18:10

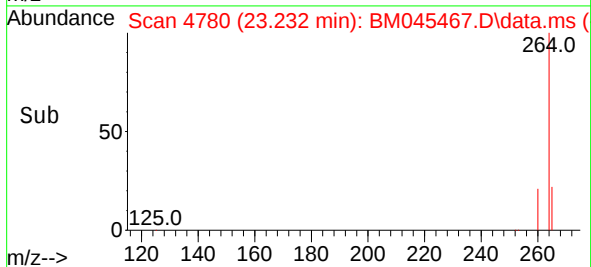
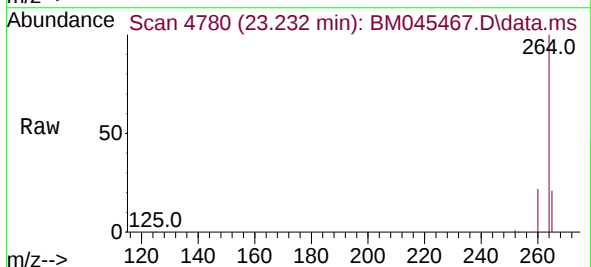
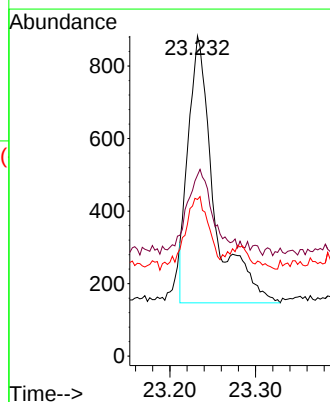
Tgt Ion:252 Resp: 1542

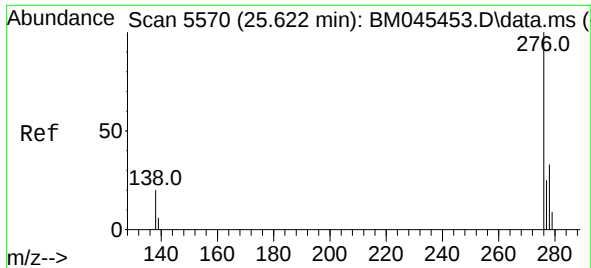
Ion Ratio Lower Upper

252 100

253 56.5 31.6 47.4#

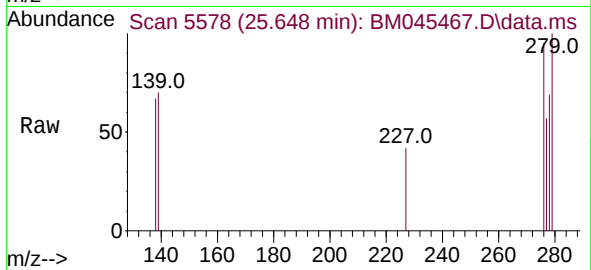
125 48.9 19.5 29.3#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.022 ng/ul
 RT: 25.648 min Scan# 51
 Delta R.T. 0.026 min
 Lab File: BM045467.D
 Acq: 21 Apr 2024 18:10

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 388
 Ion Ratio Lower Upper
 276 100
 138 16.8 19.8 29.6#
 227 1.8 0.2 0.2#

