

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046583.D
 Acq On : 13 Jul 2024 15:05
 Operator : MA/JU
 Sample : P3035-19
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B97

Quant Time: Jul 15 09:02:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

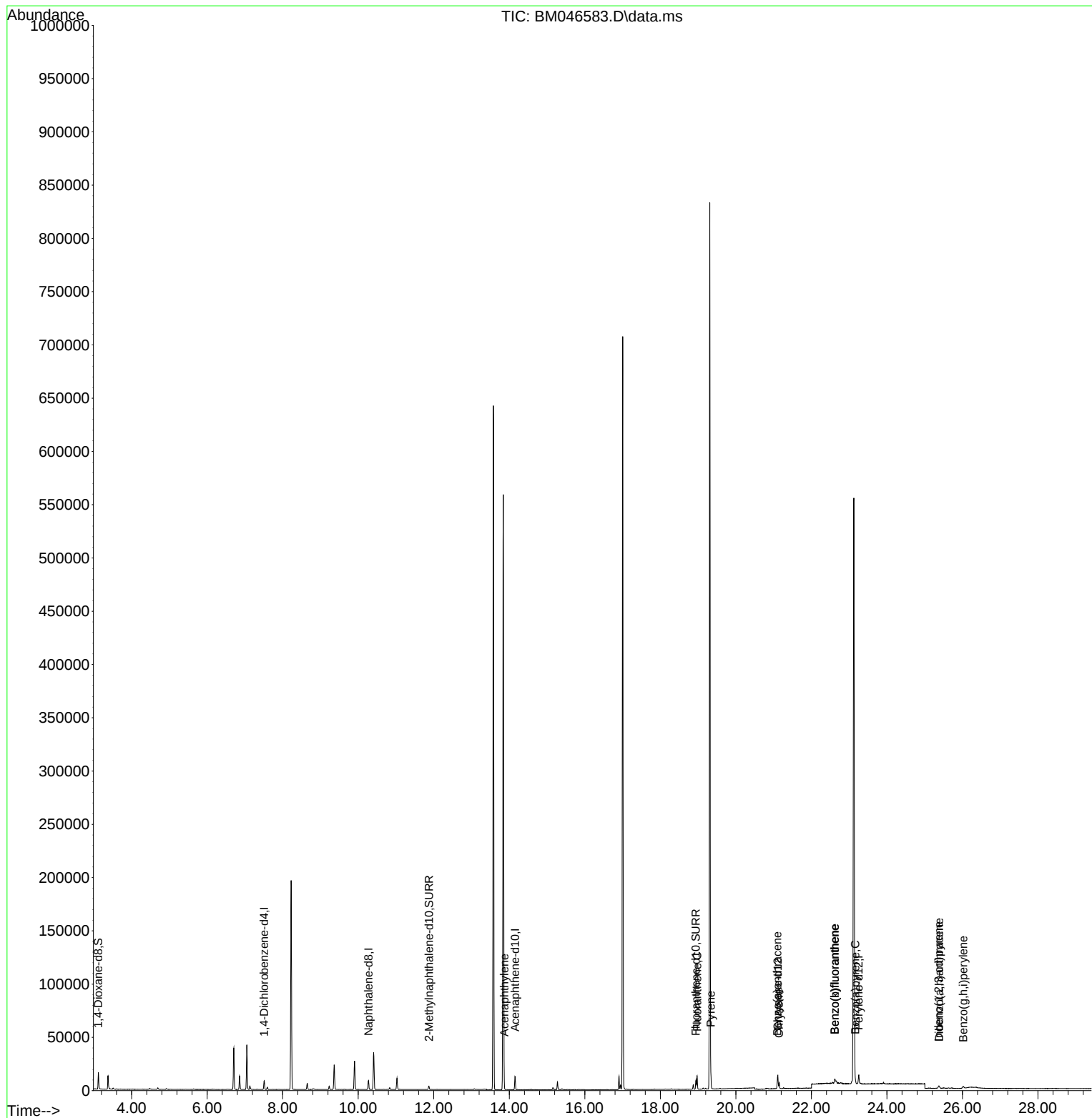
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	4056	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	11293	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.150	164	6928	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.90
17) Chrysene-d12	21.111	240	10119	0.400	ng/ul #	0.00
23) Perylene-d12	23.253	264	10107	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	9474	2.843	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.871	152	4302	0.236	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	9340	0.303	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.868	152	875	0.028	ng/ul#	73
19) Fluoranthene	18.974	202	11358	0.273	ng/ul#	96
20) Pyrene	19.337	202	11060	0.246	ng/ul#	94
21) Benzo(a)anthracene	21.096	228	4696	0.105	ng/ul#	87
22) Chrysene	21.146	228	5482	0.127	ng/ul#	91
24) Benzo(b)fluoranthene	22.618	252	9305	0.230	ng/ul#	56
25) Benzo(k)fluoranthene	22.618	252	9305	0.235	ng/ul#	56
26) Benzo(a)pyrene	23.162	252	4061	0.122	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	25.373	276	3554	0.070	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.386	278	903	0.023	ng/ul#	1
29) Benzo(g,h,i)perylene	26.020	276	3588	0.089	ng/ul#	61

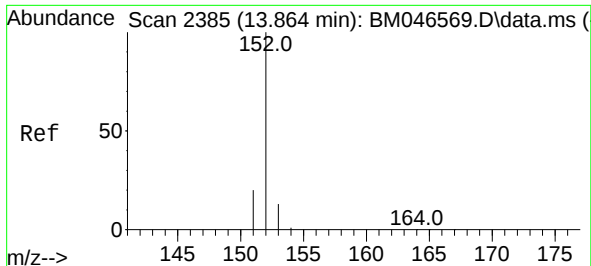
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 15 09:02:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
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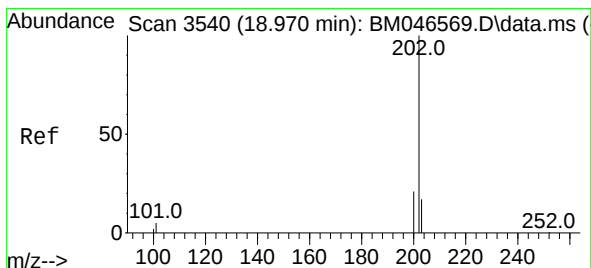
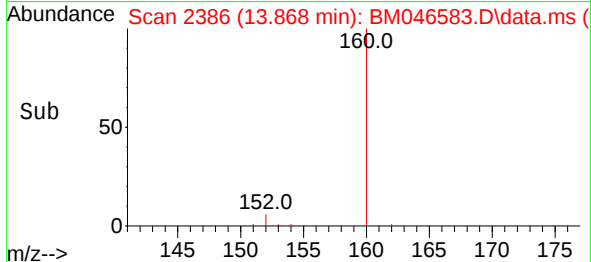
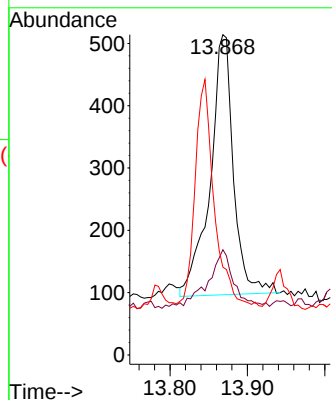
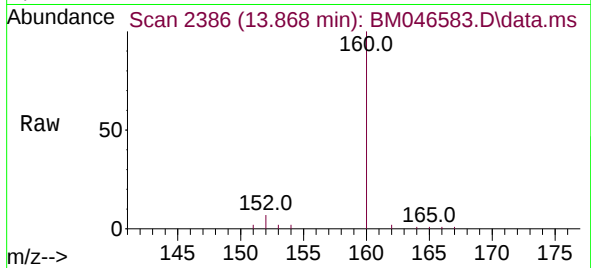




#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 13.868 min Scan# 2386
Delta R.T. 0.004 min
Lab File: BM046583.D
Acq: 13 Jul 2024 15:05

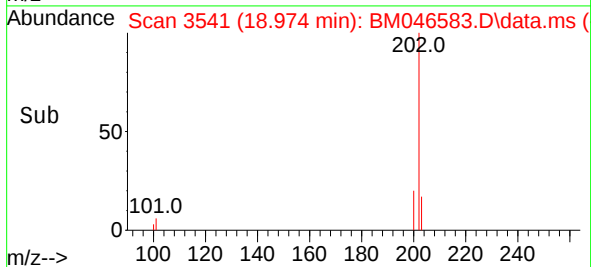
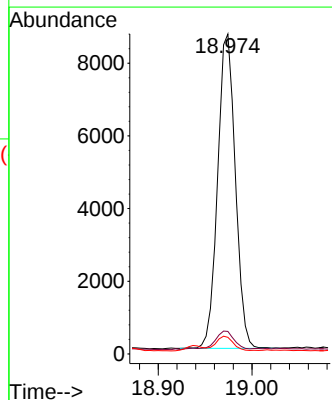
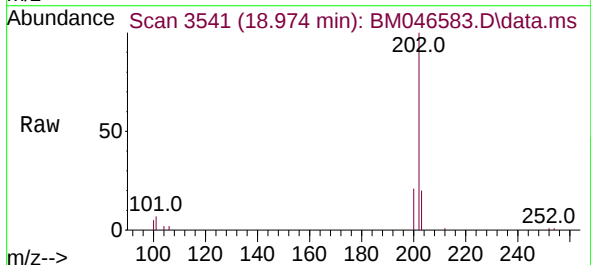
Instrument :
BNA_M
ClientSampleId :
A4B97

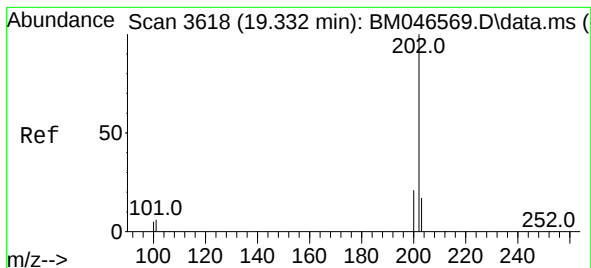
Tgt Ion:152 Resp: 875
Ion Ratio Lower Upper
152 100
151 32.9 16.4 24.6#
153 27.4 12.4 18.6#



#19
Fluoranthene
Concen: 0.273 ng/ul
RT: 18.974 min Scan# 3541
Delta R.T. 0.004 min
Lab File: BM046583.D
Acq: 13 Jul 2024 15:05

Tgt Ion:202 Resp: 11358
Ion Ratio Lower Upper
202 100
101 7.0 4.6 6.8#
100 5.2 3.0 4.6#





#20

Pyrene

Concen: 0.246 ng/ul

RT: 19.337 min Scan# 3

Delta R.T. 0.004 min

Lab File: BM046583.D

Acq: 13 Jul 2024 15:05

Instrument :

BNA_M

ClientSampleId :

A4B97

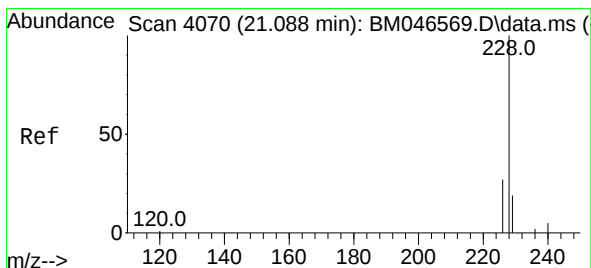
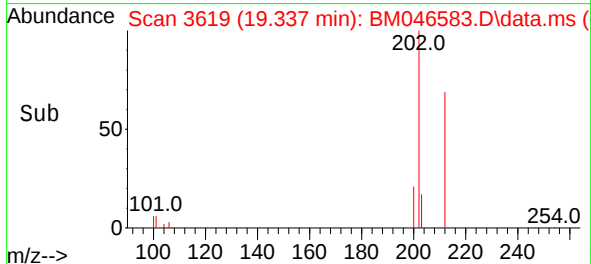
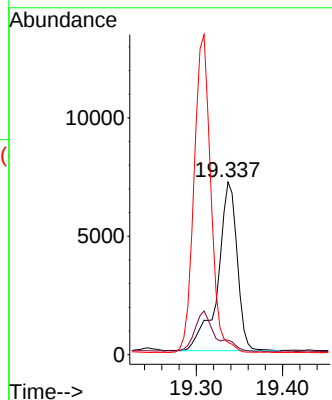
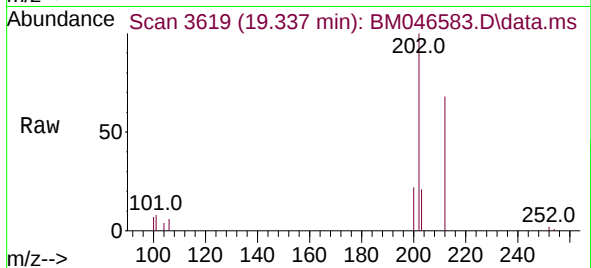
Tgt Ion:202 Resp: 11060

Ion Ratio Lower Upper

202 100

101 8.3 5.1 7.7#

100 7.2 3.8 5.6#



#21

Benzo(a)anthracene

Concen: 0.105 ng/ul

RT: 21.096 min Scan# 4073

Delta R.T. 0.008 min

Lab File: BM046583.D

Acq: 13 Jul 2024 15:05

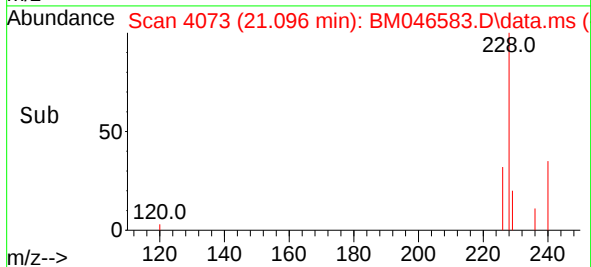
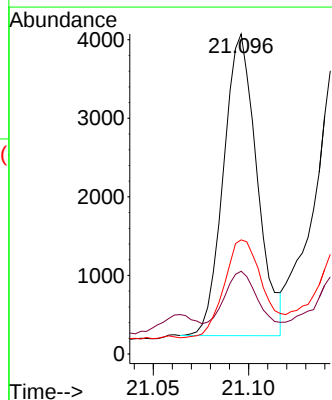
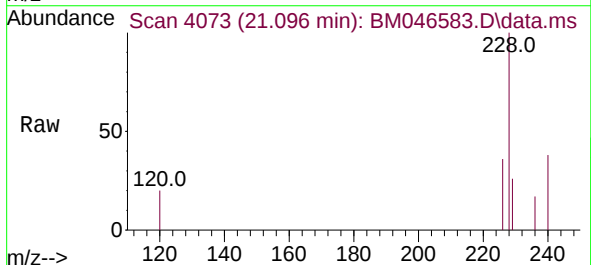
Tgt Ion:228 Resp: 4696

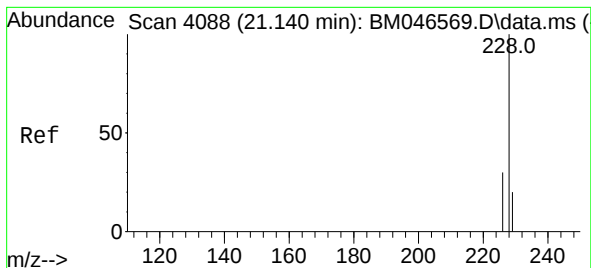
Ion Ratio Lower Upper

228 100

229 25.8 16.5 24.7#

226 35.7 22.5 33.7#





#22

Chrysene

Concen: 0.127 ng/ul

RT: 21.146 min Scan# 4090

Delta R.T. 0.005 min

Lab File: BM046583.D

Acq: 13 Jul 2024 15:05

Instrument :

BNA_M

ClientSampleId :

A4B97

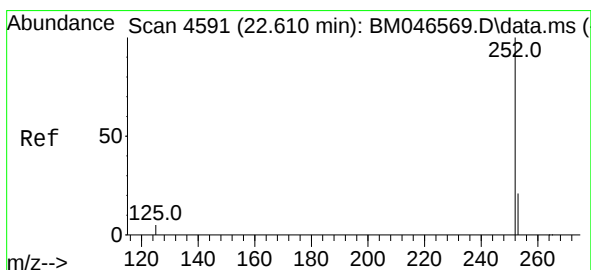
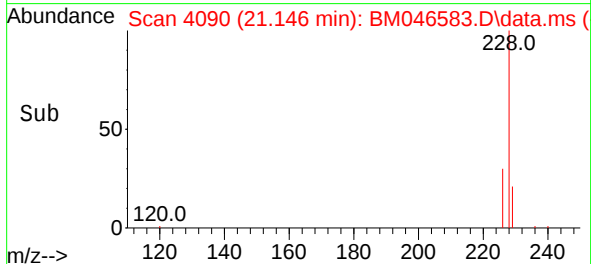
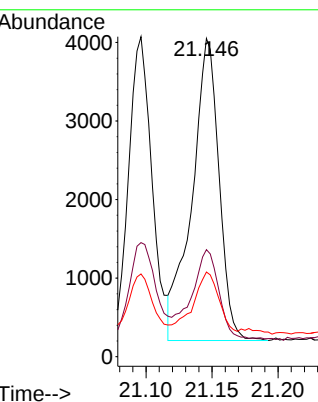
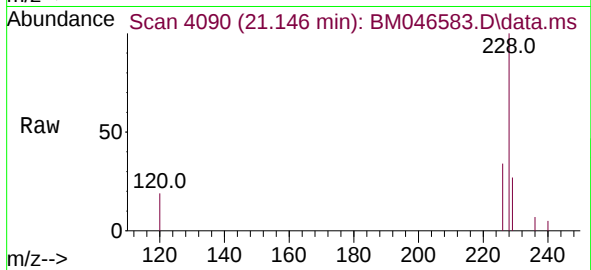
Tgt Ion:228 Resp: 5482

Ion Ratio Lower Upper

228 100

226 33.6 24.3 36.5

229 26.6 16.4 24.6#



#24

Benzo(b)fluoranthene

Concen: 0.230 ng/ul

RT: 22.618 min Scan# 4594

Delta R.T. 0.008 min

Lab File: BM046583.D

Acq: 13 Jul 2024 15:05

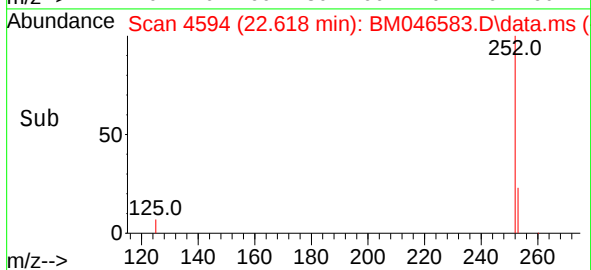
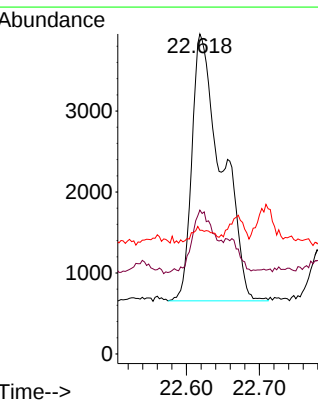
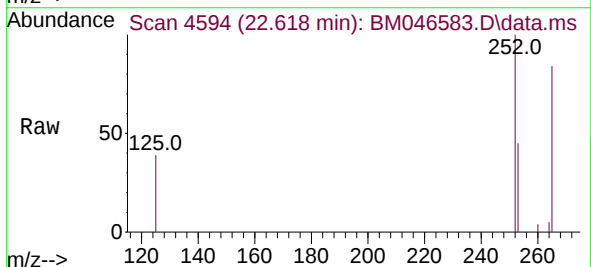
Tgt Ion:252 Resp: 9305

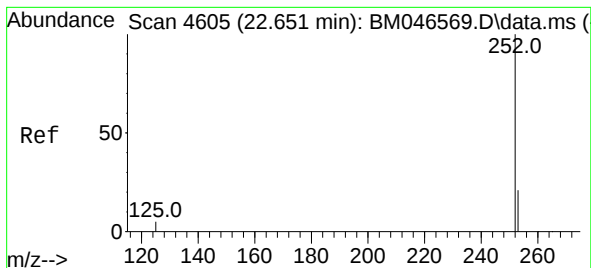
Ion Ratio Lower Upper

252 100

253 45.0 0.0 56.2

125 38.7 0.0 17.8#





#25

Benzo(k)fluoranthene

Concen: 0.235 ng/ul

RT: 22.618 min Scan# 4

Delta R.T. -0.033 min

Lab File: BM046583.D

Acq: 13 Jul 2024 15:05

Instrument :

BNA_M

ClientSampleId :

A4B97

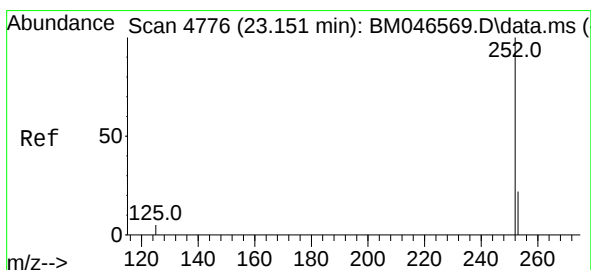
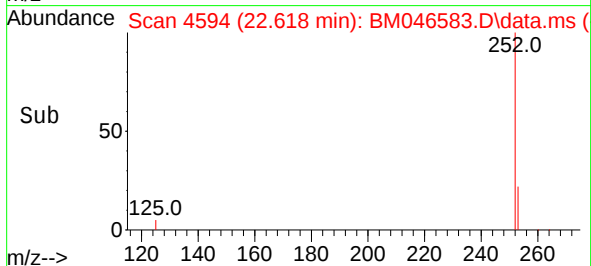
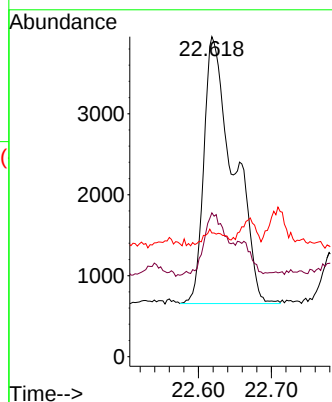
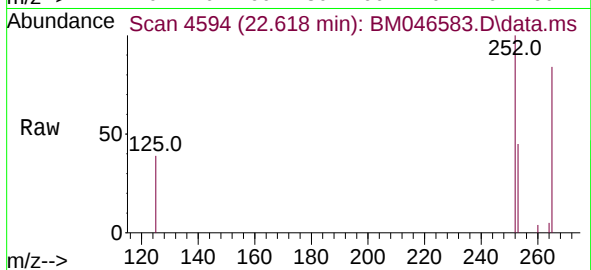
Tgt Ion:252 Resp: 9305

Ion Ratio Lower Upper

252 100

253 45.0 22.4 33.6#

125 38.7 7.0 10.4#



#26

Benzo(a)pyrene

Concen: 0.122 ng/ul

RT: 23.162 min Scan# 4780

Delta R.T. 0.011 min

Lab File: BM046583.D

Acq: 13 Jul 2024 15:05

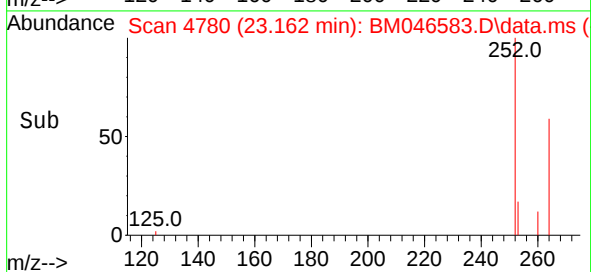
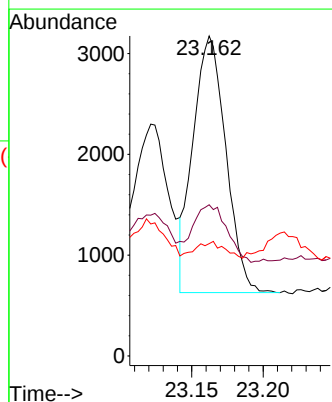
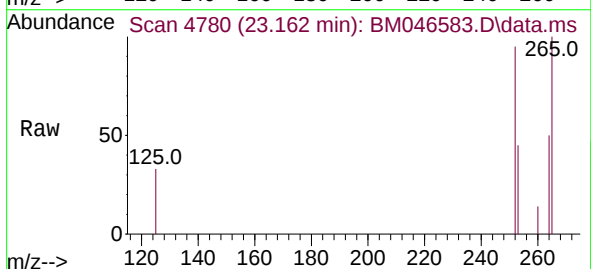
Tgt Ion:252 Resp: 4061

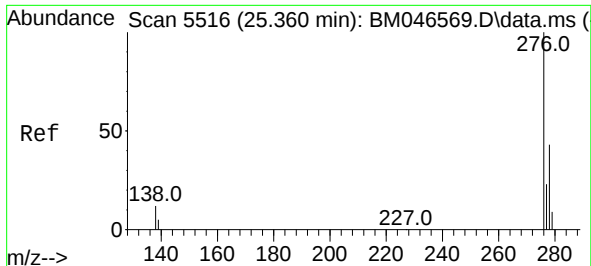
Ion Ratio Lower Upper

252 100

253 47.3 24.0 36.0#

125 35.1 8.2 12.2#

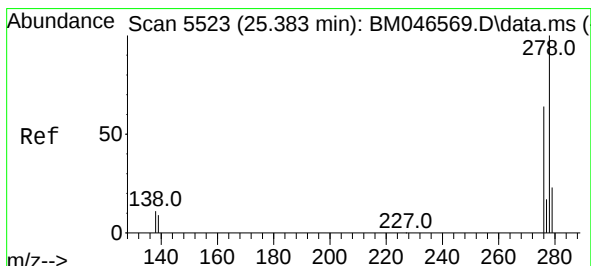
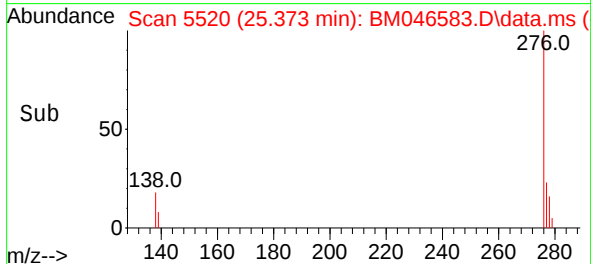
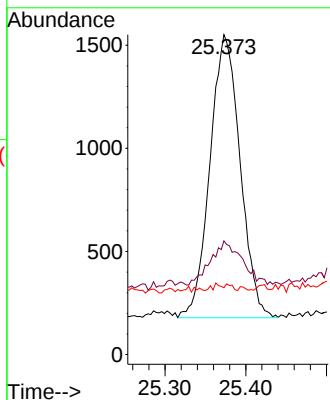
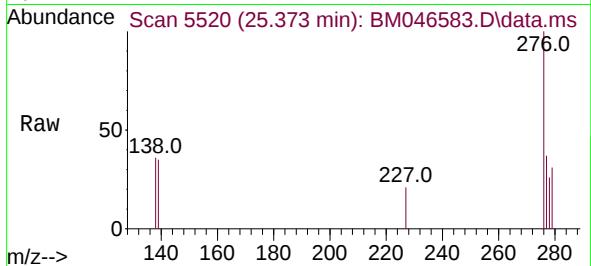




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.070 ng/ul
 RT: 25.373 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: BM046583.D
 Acq: 13 Jul 2024 15:05

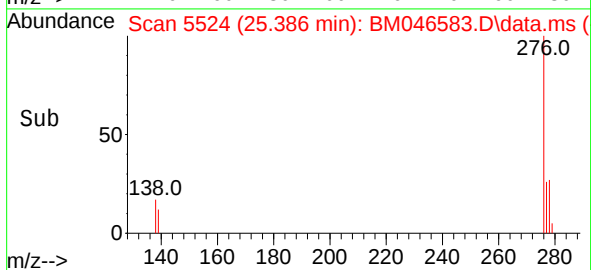
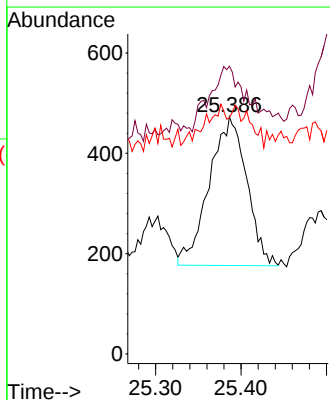
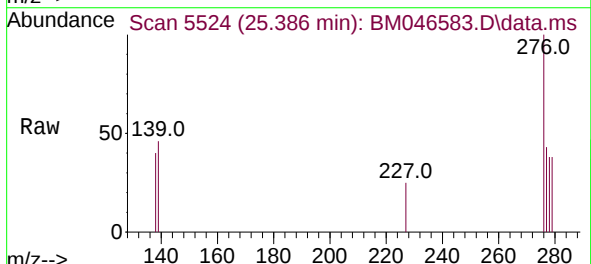
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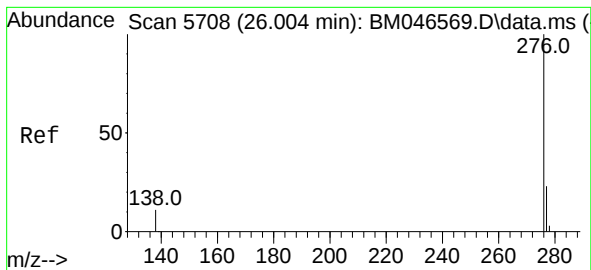
Tgt Ion:276 Resp: 3554
 Ion Ratio Lower Upper
 276 100
 138 18.7 0.0 0.0#
 227 0.6 0.2 0.2#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.023 ng/ul
 RT: 25.386 min Scan# 5524
 Delta R.T. 0.003 min
 Lab File: BM046583.D
 Acq: 13 Jul 2024 15:05

Tgt Ion:278 Resp: 903
 Ion Ratio Lower Upper
 278 100
 139 121.4 9.1 13.7#
 279 99.6 23.2 34.8#





#29

Benzo(g,h,i)perylene

Concen: 0.089 ng/ul

RT: 26.020 min Scan# 51

Delta R.T. 0.016 min

Lab File: BM046583.D

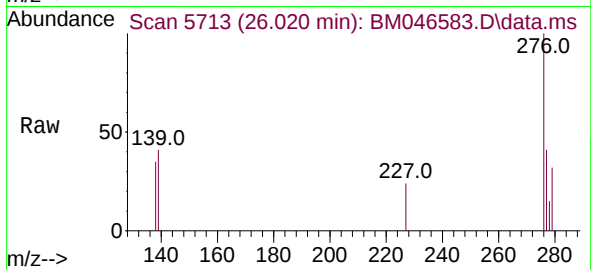
Acq: 13 Jul 2024 15:05

Instrument :

BNA_M

ClientSampleId :

A4B97



Tgt Ion:276 Resp: 3588

Ion Ratio Lower Upper

276 100

138 35.4 10.2 15.4#

277 41.2 20.9 31.3#

