

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
 Data File : BM045468.D
 Acq On : 21 Apr 2024 18:46
 Operator : MA/JU
 Sample : P2181-01
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 22 02:05:12 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)

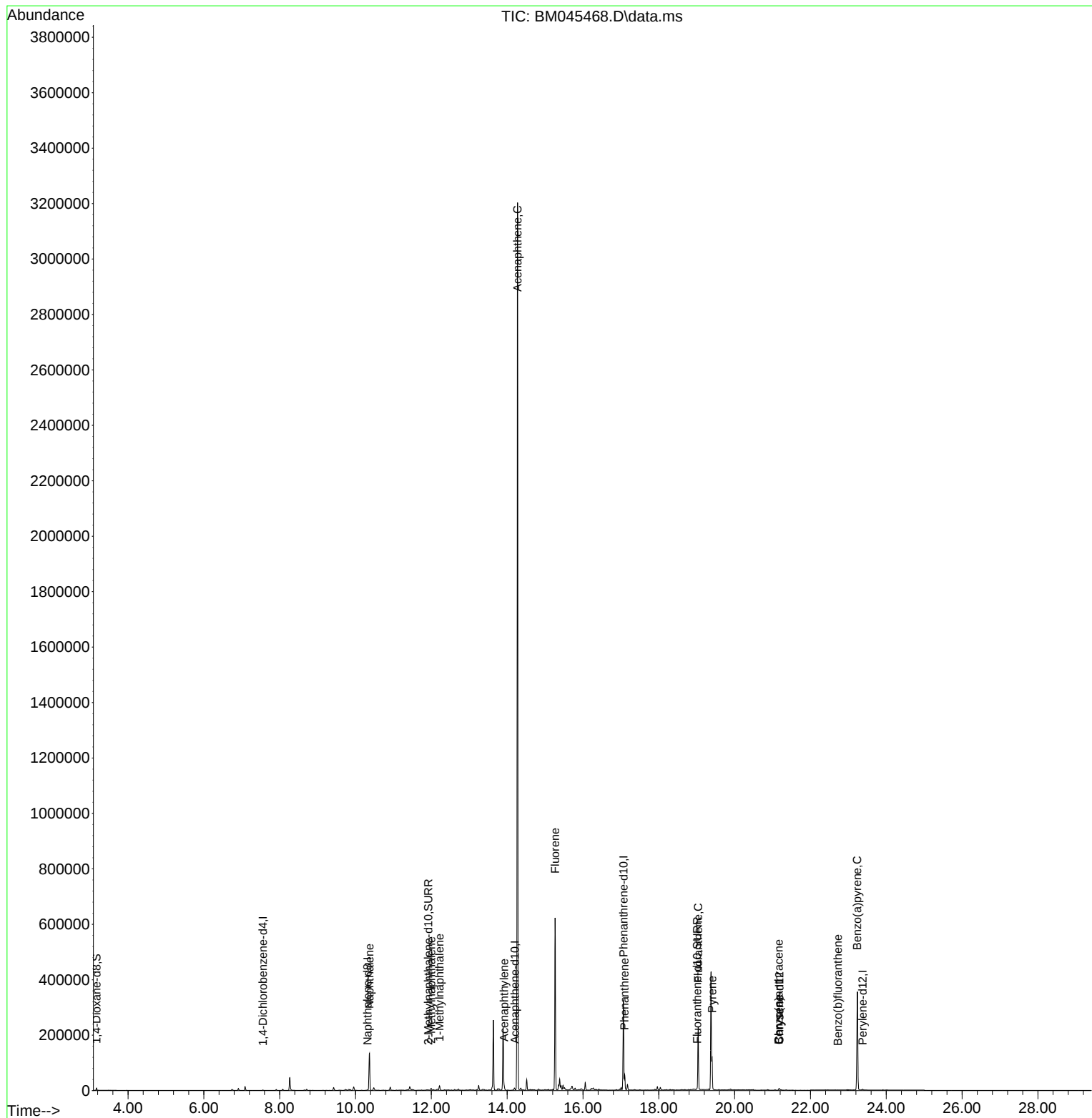
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	888	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.319	136	2602	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.201	164	1982	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.069	188	364824	0.400	ng/ul	# 0.06
17) Chrysene-d12	21.183	240	3418	0.400	ng/ul	-0.03
23) Perylene-d12	23.375	264	4329	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	5249	4.410	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	1884	0.549	ng/ul	-0.06
18) Fluoranthene-d10	19.011	212	4854	0.451	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	179759	25.726	ng/ul#	86
7) 2-Methylnaphthalene	11.997	142	4704	1.179	ng/ul	99
8) 1-Methylnaphthalene	12.217	142	11191	2.501	ng/ul	98
10) Acenaphthylene	13.924	152	13122	1.342	ng/ul#	93
11) Acenaphthene	14.275	153	1565632	215.688	ng/ul	96
12) Fluorene	15.265	166	347975	44.818	ng/ul#	96
15) Phenanthrene	17.099	178	59263	0.056	ng/ul	93
19) Fluoranthene	19.039	202	189859	12.037	ng/ul#	90
20) Pyrene	19.406	202	99982	6.167	ng/ul#	92
21) Benzo(a)anthracene	21.169	228	4567	0.418	ng/ul	97
22) Chrysene	21.169	228	4584	0.273	ng/ul	95
24) Benzo(b)fluoranthene	22.723	252	578	0.040	ng/ul#	1
26) Benzo(a)pyrene	23.235	252	2122	0.141	ng/ul#	62

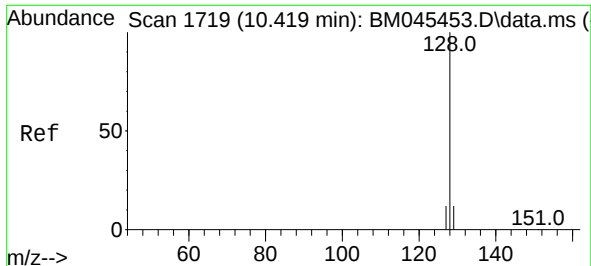
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
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ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

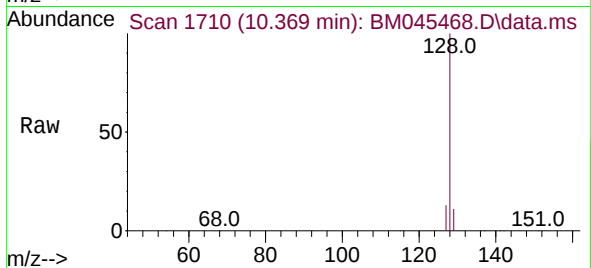
Quant Time: Apr 22 02:05:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 02:01:19 2024
Response via : Initial Calibration



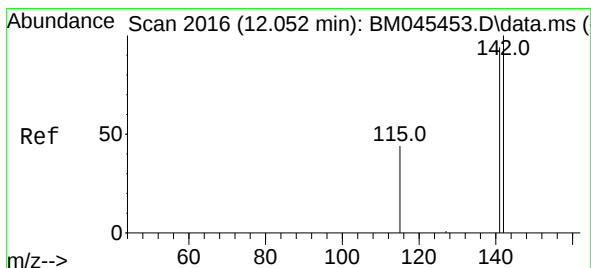
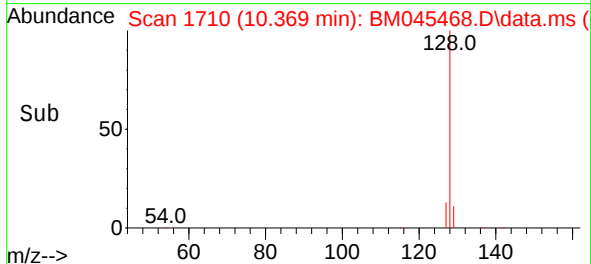
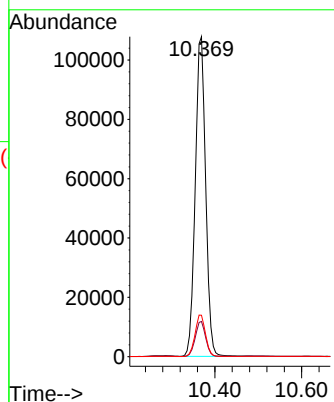


#5
Naphthalene
Concen: 25.726 ng/ul
RT: 10.369 min Scan# 1
Delta R.T. -0.050 min
Lab File: BM045468.D
Acq: 21 Apr 2024 18:46

Instrument :
BNA_M
ClientSampleId :

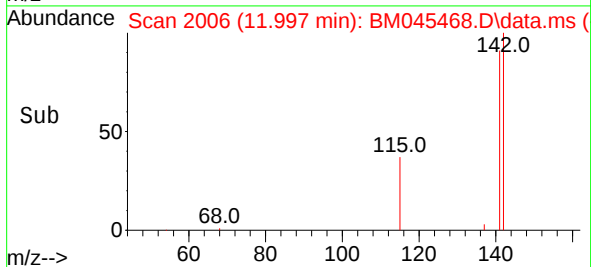
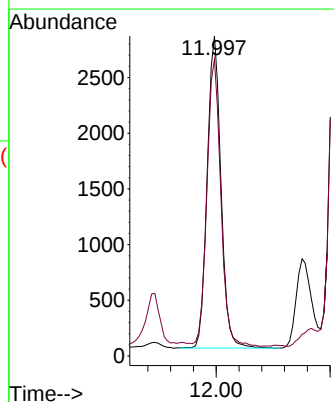
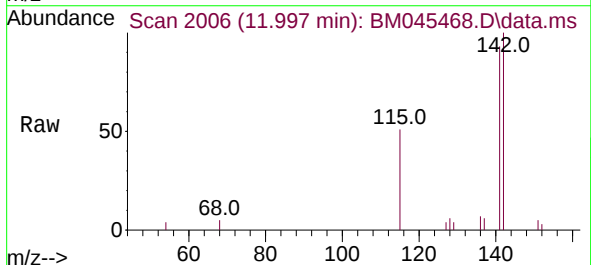


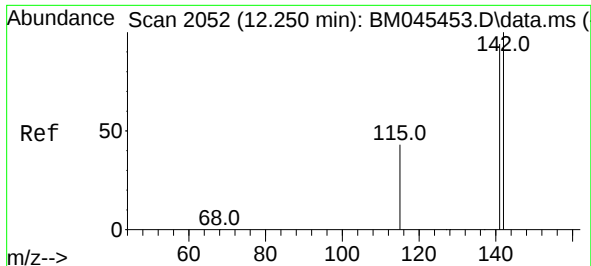
Tgt Ion:128 Resp: 179759
Ion Ratio Lower Upper
128 100
129 11.0 14.0 21.0#
127 13.0 15.4 23.2#



#7
2-Methylnaphthalene
Concen: 1.179 ng/ul
RT: 11.997 min Scan# 2006
Delta R.T. -0.055 min
Lab File: BM045468.D
Acq: 21 Apr 2024 18:46

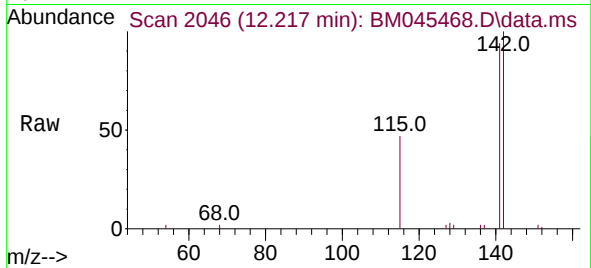
Tgt Ion:142 Resp: 4704
Ion Ratio Lower Upper
142 100
141 92.0 74.6 111.8



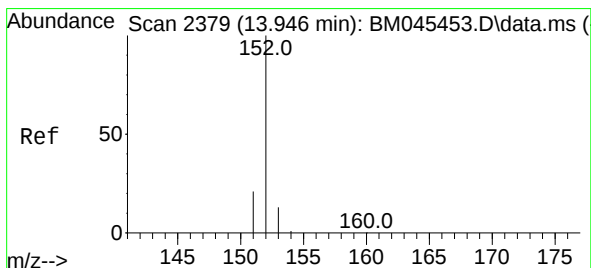
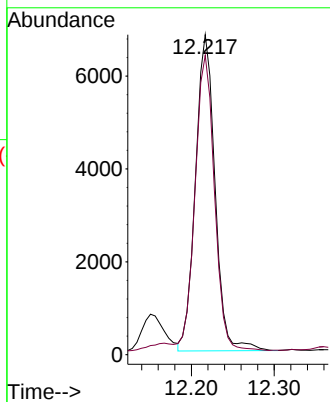
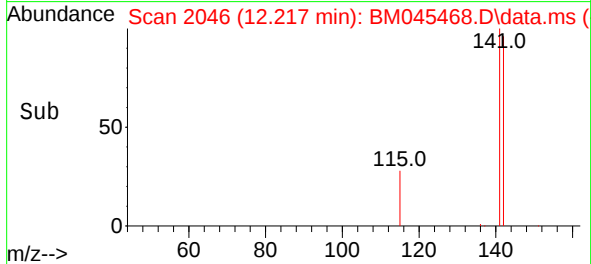


#8
1-Methylnaphthalene
Concen: 2.501 ng/ul
RT: 12.217 min Scan# 2052
Delta R.T. -0.033 min
Lab File: BM045468.D
Acq: 21 Apr 2024 18:46

Instrument :
BNA_M
ClientSampleId :

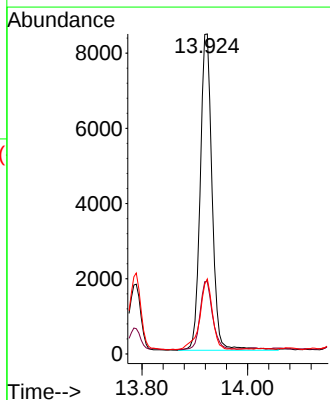
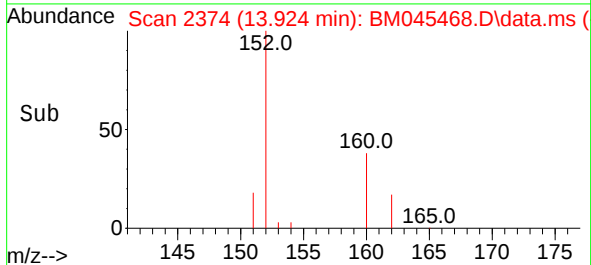
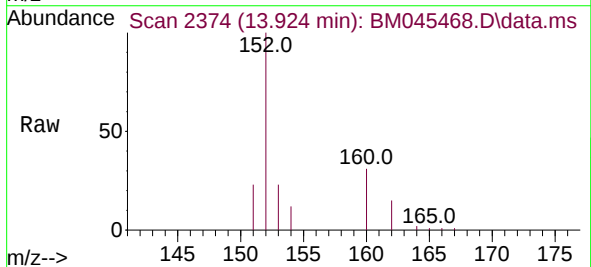


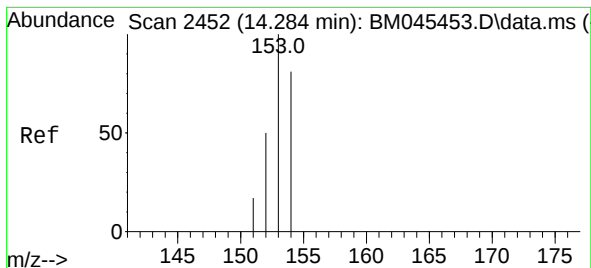
Tgt Ion:142 Resp: 11191
Ion Ratio Lower Upper
142 100
141 92.8 76.1 114.1



#10
Acenaphthylene
Concen: 1.342 ng/ul
RT: 13.924 min Scan# 2374
Delta R.T. -0.022 min
Lab File: BM045468.D
Acq: 21 Apr 2024 18:46

Tgt Ion:152 Resp: 13122
Ion Ratio Lower Upper
152 100
151 22.6 18.6 28.0
153 23.5 14.1 21.1#





#11

Acenaphthene

Concen: 215.688 ng/ul

RT: 14.275 min Scan# 2450

Delta R.T. -0.008 min

Lab File: BM045468.D

Acq: 21 Apr 2024 18:46

Instrument :

BNA_M

ClientSampleId :

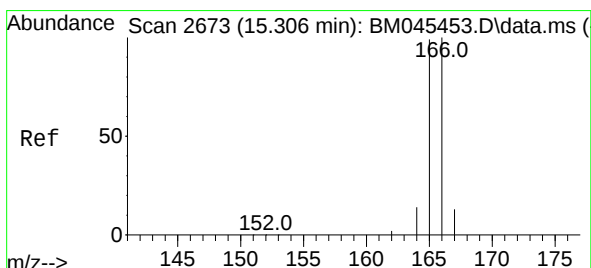
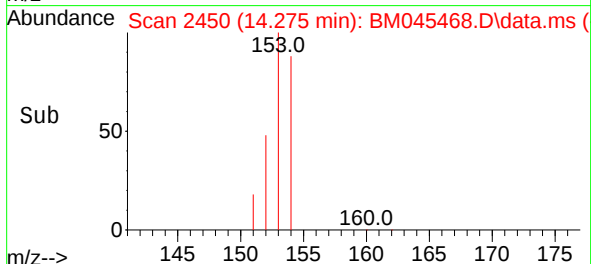
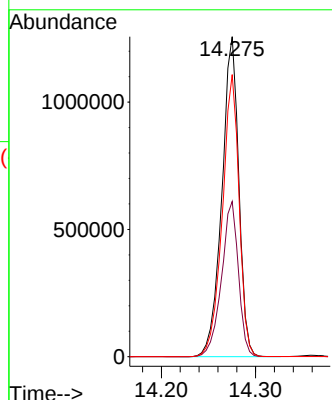
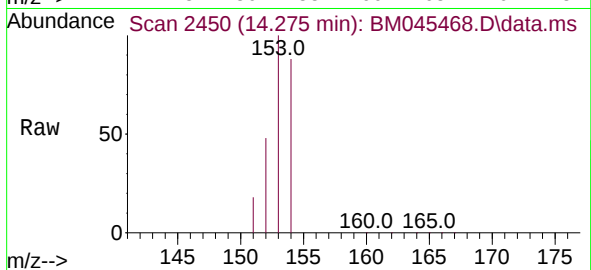
Tgt Ion:153 Resp: 1565632

Ion Ratio Lower Upper

153 100

152 48.5 43.4 65.2

154 88.1 69.0 103.6



#12

Fluorene

Concen: 44.818 ng/ul

RT: 15.265 min Scan# 2664

Delta R.T. -0.041 min

Lab File: BM045468.D

Acq: 21 Apr 2024 18:46

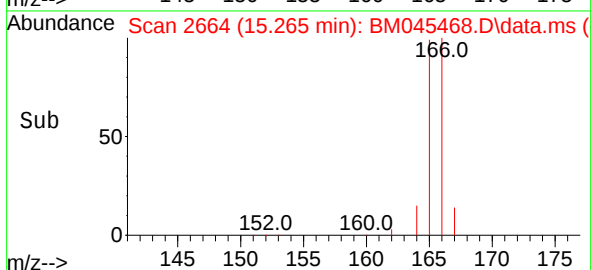
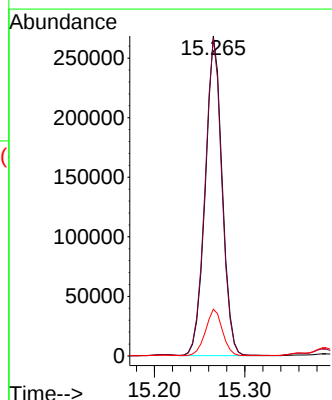
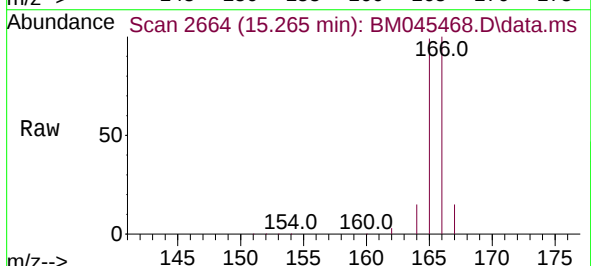
Tgt Ion:166 Resp: 347975

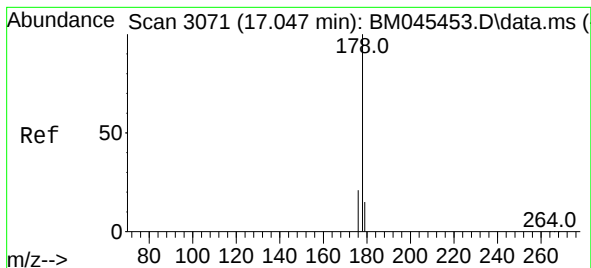
Ion Ratio Lower Upper

166 100

165 99.3 82.2 123.2

167 14.6 14.8 22.2#





#15

Phenanthrene

Concen: 0.056 ng/ul

RT: 17.099 min Scan# 3083

Delta R.T. 0.051 min

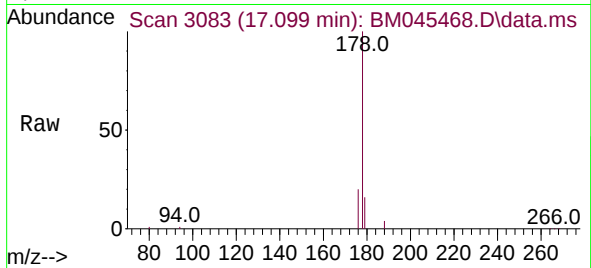
Lab File: BM045468.D

Acq: 21 Apr 2024 18:46

Instrument :

BNA_M

ClientSampleId :



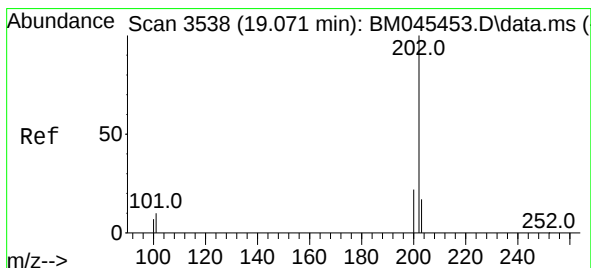
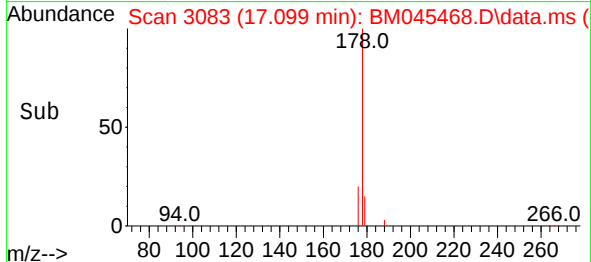
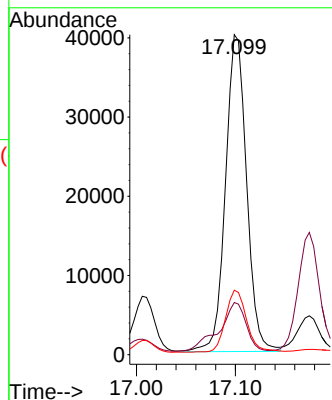
Tgt Ion:178 Resp: 59263

Ion Ratio Lower Upper

178 100

179 16.3 15.4 23.2

176 20.2 19.0 28.4



#19

Fluoranthene

Concen: 12.037 ng/ul

RT: 19.039 min Scan# 3531

Delta R.T. -0.032 min

Lab File: BM045468.D

Acq: 21 Apr 2024 18:46

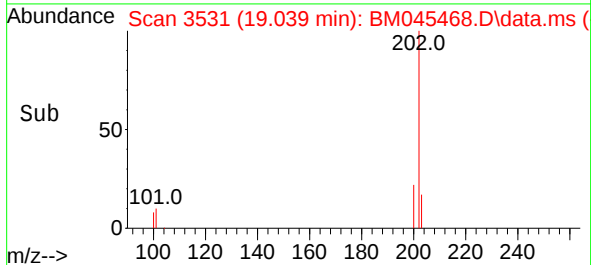
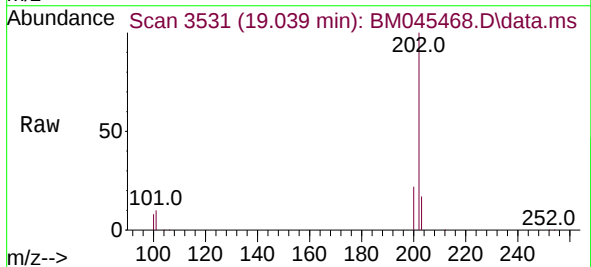
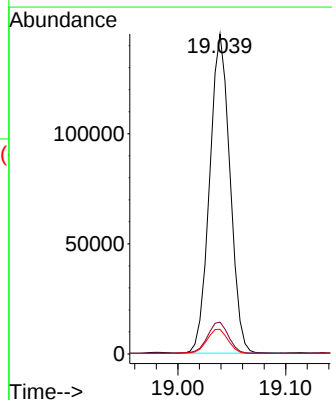
Tgt Ion:202 Resp: 189859

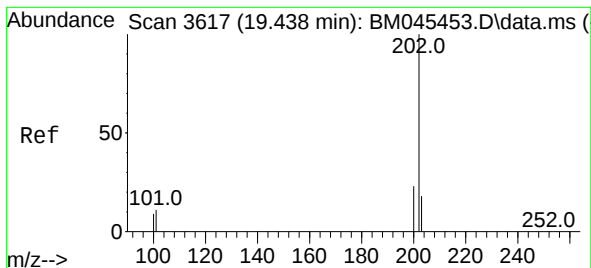
Ion Ratio Lower Upper

202 100

101 10.0 11.2 16.8#

100 7.7 9.1 13.7#





#20

Pyrene

Concen: 6.167 ng/ul

RT: 19.406 min Scan# 3

Delta R.T. -0.032 min

Lab File: BM045468.D

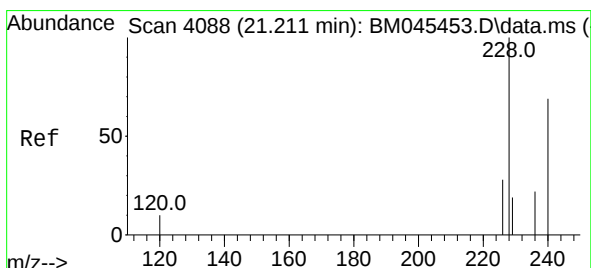
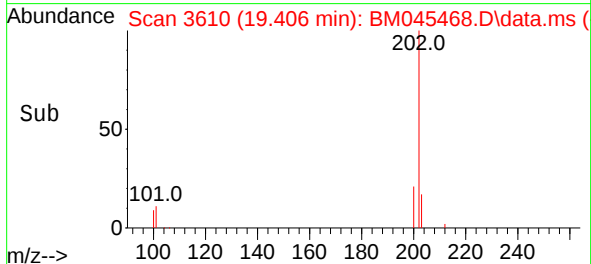
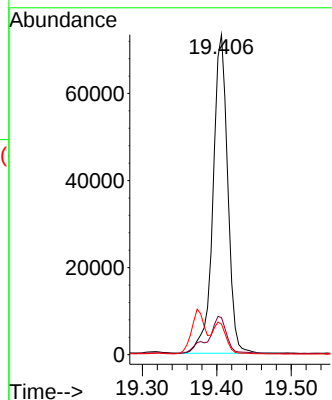
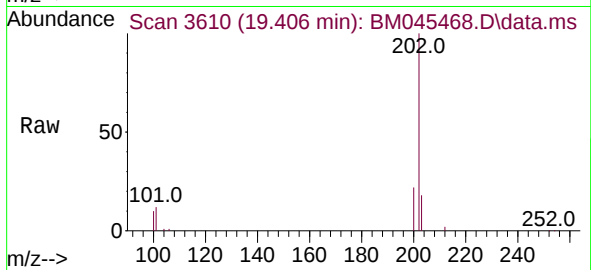
Acq: 21 Apr 2024 18:46

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:202	Resp:	99982
Ion Ratio	Lower	Upper
202	100	
101	11.6	11.5 17.3
100	9.6	10.6 15.8#



#21

Benzo(a)anthracene

Concen: 0.418 ng/ul

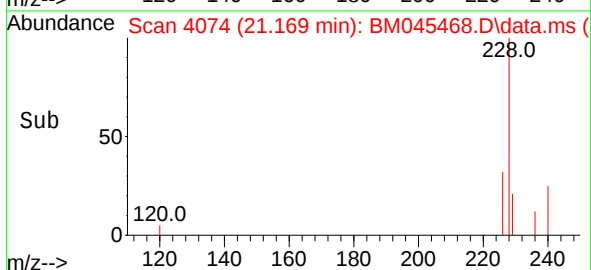
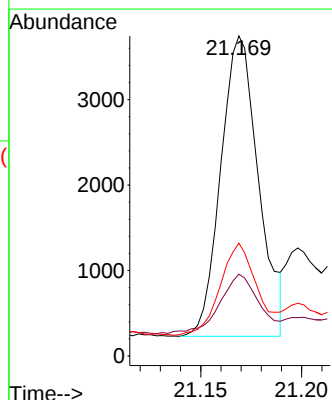
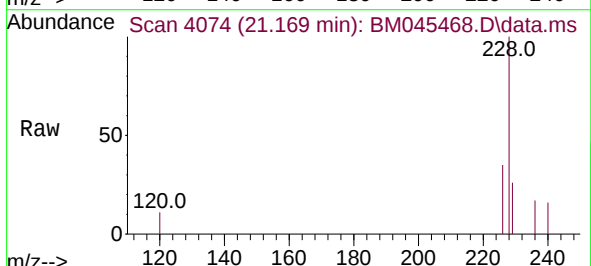
RT: 21.169 min Scan# 4074

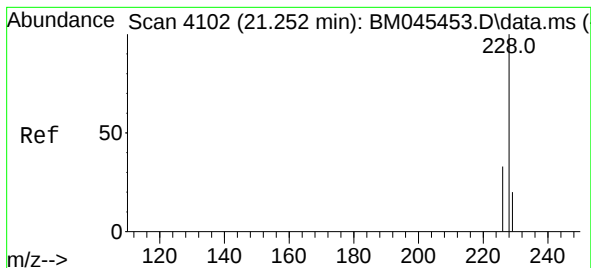
Delta R.T. -0.042 min

Lab File: BM045468.D

Acq: 21 Apr 2024 18:46

Tgt Ion:228	Resp:	4567
Ion Ratio	Lower	Upper
228	100	
229	25.6	19.4 29.2
226	35.3	26.3 39.5





#22

Chrysene

Concen: 0.273 ng/ul

RT: 21.169 min Scan# 4074

Delta R.T. -0.083 min

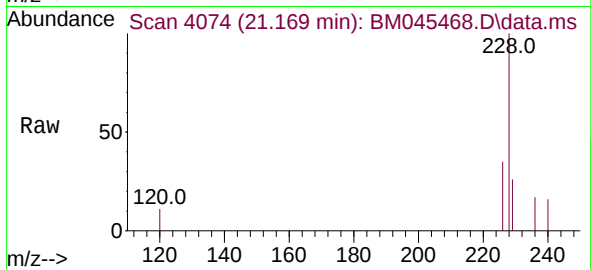
Lab File: BM045468.D

Acq: 21 Apr 2024 18:46

Instrument :

BNA_M

ClientSampleId :



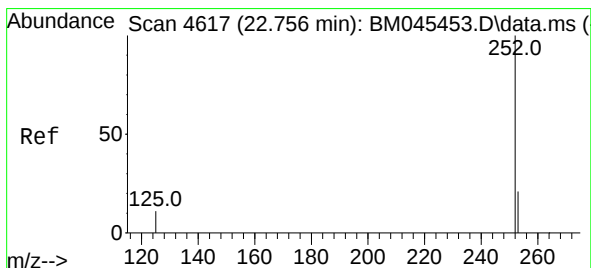
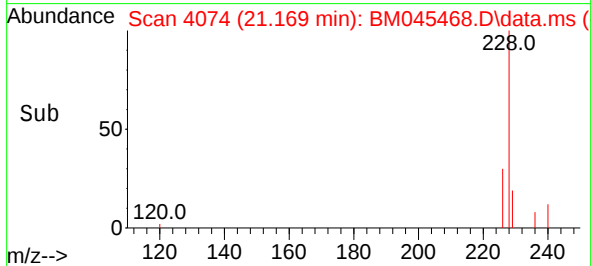
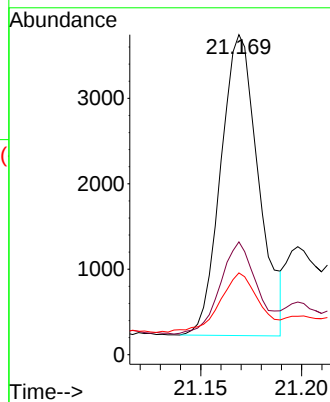
Tgt Ion:228 Resp: 4584

Ion Ratio Lower Upper

228 100

226 35.3 26.3 39.5

229 25.6 17.8 26.8



#24

Benzo(b)fluoranthene

Concen: 0.040 ng/ul

RT: 22.723 min Scan# 4606

Delta R.T. -0.033 min

Lab File: BM045468.D

Acq: 21 Apr 2024 18:46

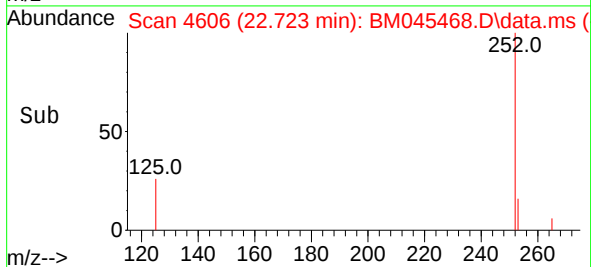
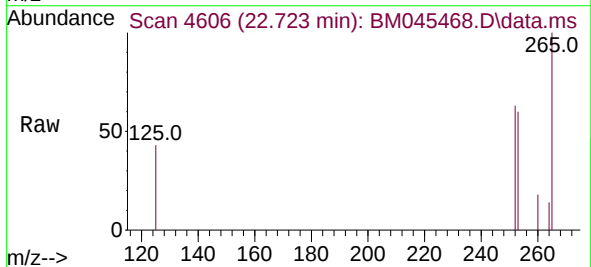
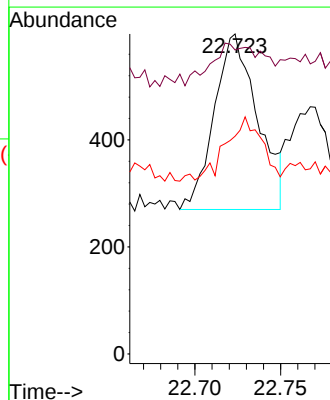
Tgt Ion:252 Resp: 578

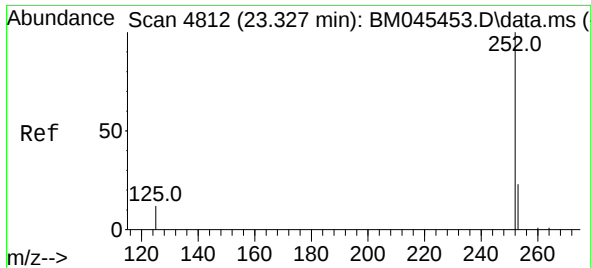
Ion Ratio Lower Upper

252 100

253 95.0 0.0 63.4#

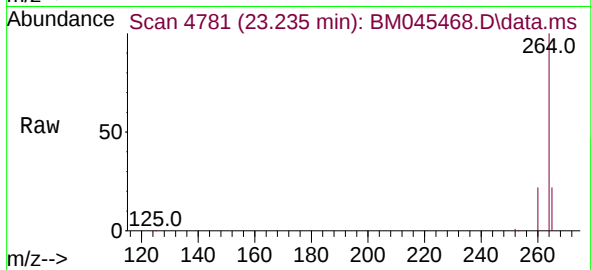
125 68.1 0.0 36.8#





#26
 Benzo(a)pyrene
 Concen: 0.141 ng/ul
 RT: 23.235 min Scan# 41
 Delta R.T. -0.092 min
 Lab File: BM045468.D
 Acq: 21 Apr 2024 18:46

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:252 Resp: 2122
 Ion Ratio Lower Upper
 252 100
 253 62.3 31.6 47.4#
 125 43.5 19.5 29.3#

