

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046416.D
 Acq On : 06 Jul 2024 13:21
 Operator : MA/JU
 Sample : P2982-10
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CF6

Quant Time: Jul 08 00:48:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

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

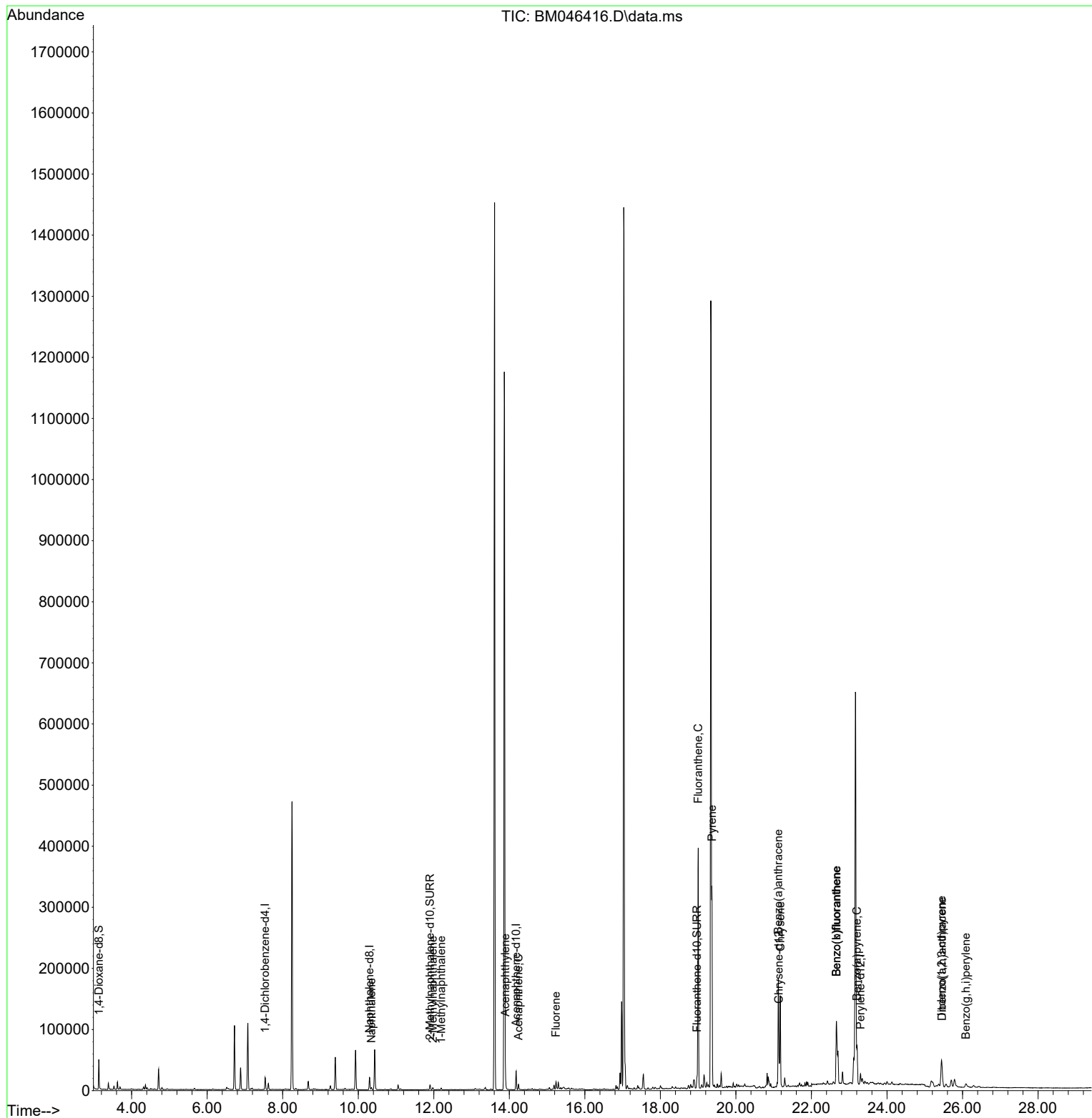
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	9384	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	26561	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.182	164	15946	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.94
17) Chrysene-d12	21.138	240	17088	0.400	ng/ul	# 0.00
23) Perylene-d12	23.297	264	18022	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	26306	2.714	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	10084	0.257	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	18809	0.314	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.347	128	4895	0.069	ng/ul#	94
7) 2-Methylnaphthalene	11.975	142	2389	0.050	ng/ul	99
8) 1-Methylnaphthalene	12.200	142	1895	0.039	ng/ul	100
10) Acenaphthylene	13.895	152	27652	0.342	ng/ul	99
11) Acenaphthene	14.242	153	4948	0.094	ng/ul	97
12) Fluorene	15.236	166	8480	0.136	ng/ul	97
19) Fluoranthene	19.001	202	331706	3.840	ng/ul	97
20) Pyrene	19.363	202	274290	3.086	ng/ul	96
21) Benzo(a)anthracene	21.123	228	140083	1.835	ng/ul	94
22) Chrysene	21.176	228	140483	1.851	ng/ul	97
24) Benzo(b)fluoranthene	22.663	252	223398	2.916	ng/ul	99
25) Benzo(k)fluoranthene	22.663	252	223398	2.888	ng/ul	98
26) Benzo(a)pyrene	23.207	252	83123	1.373	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.444	276	69150	0.845	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.457	278	21530	0.340	ng/ul#	79
29) Benzo(g,h,i)perylene	26.091	276	14281	0.219	ng/ul#	77

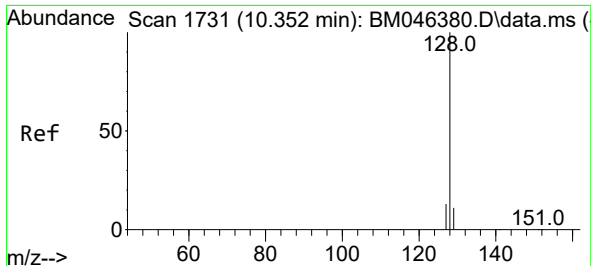
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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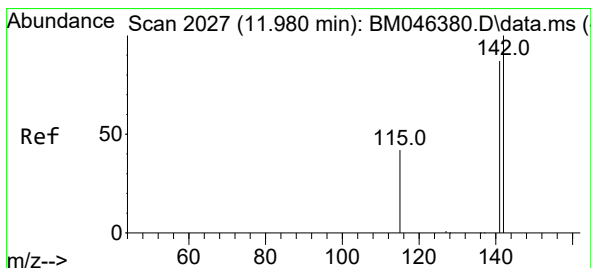
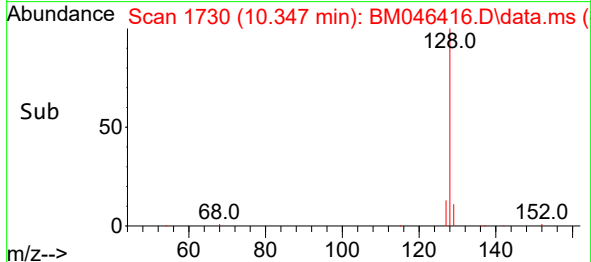
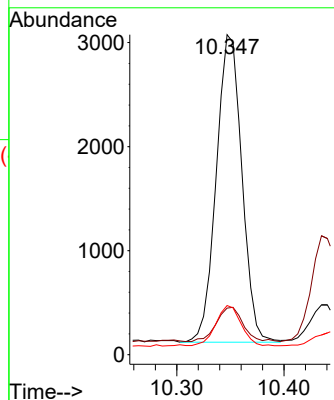
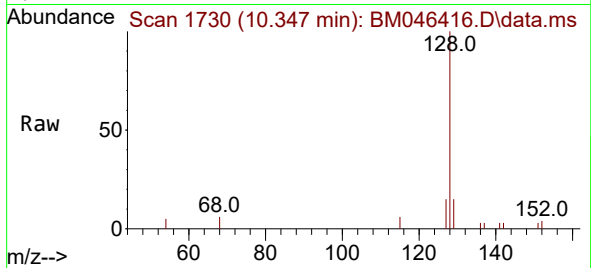




#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

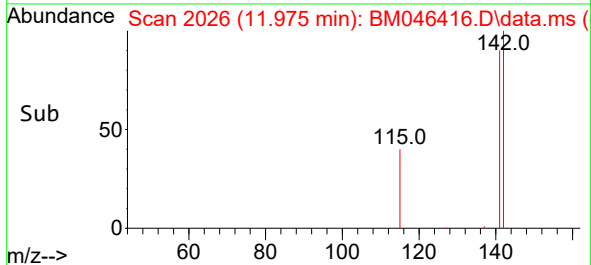
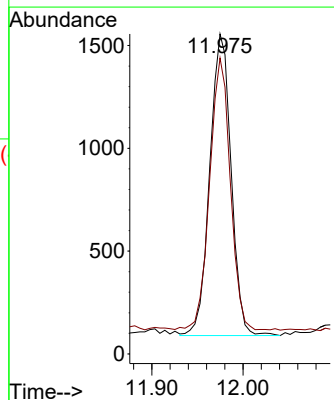
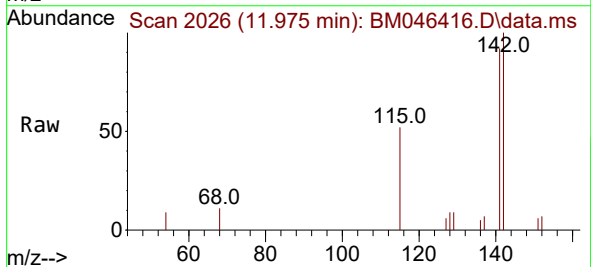
Instrument :
BNA_M
ClientSampleId :
A4CF6

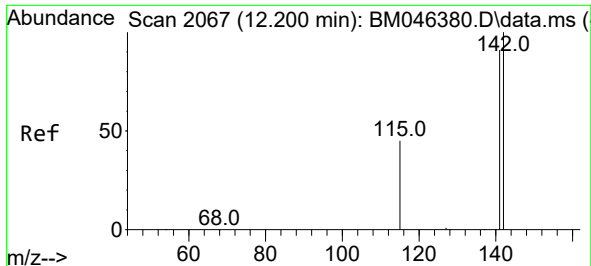
Tgt Ion:128 Resp: 4895
Ion Ratio Lower Upper
128 100
129 14.6 9.4 14.0#
127 15.4 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 11.975 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

Tgt Ion:142 Resp: 2389
Ion Ratio Lower Upper
142 100
141 86.5 69.8 104.6

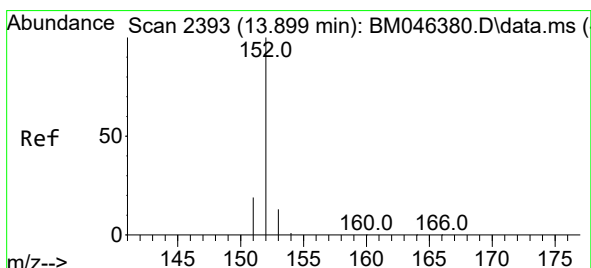
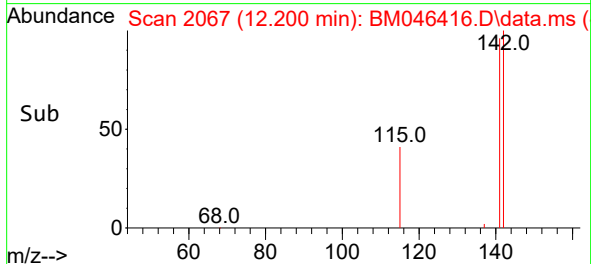
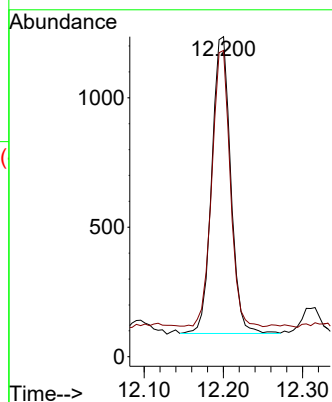
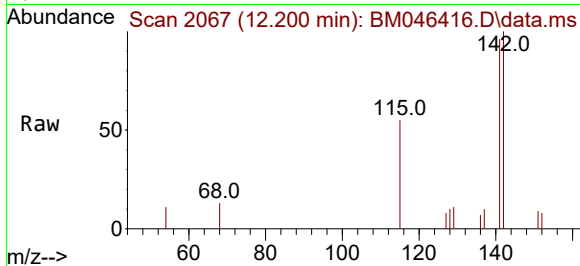




#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.200 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

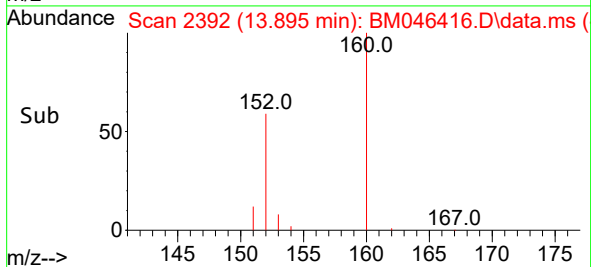
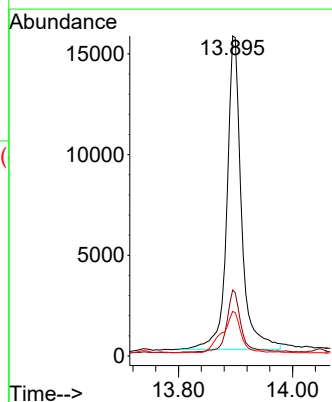
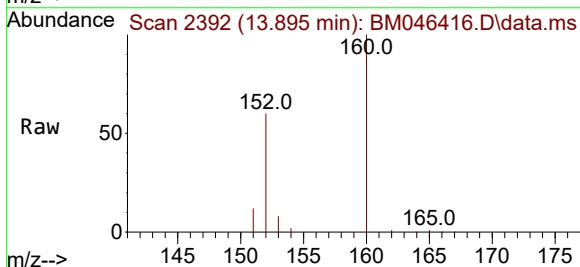
Instrument :
BNA_M
ClientSampleId :
A4CF6

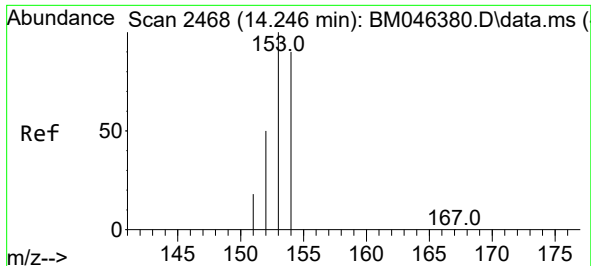
Tgt Ion:142 Resp: 1895
Ion Ratio Lower Upper
142 100
141 90.2 72.4 108.6



#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 13.895 min Scan# 2392
Delta R.T. -0.004 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

Tgt Ion:152 Resp: 27652
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 13.9 11.0 16.6

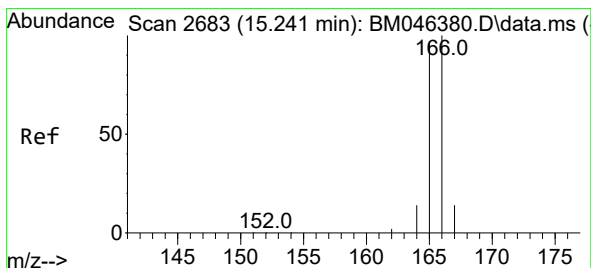
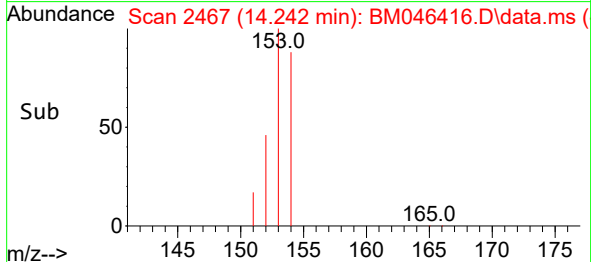
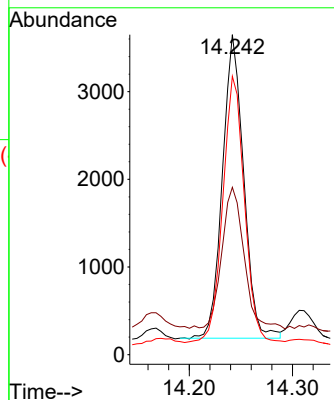
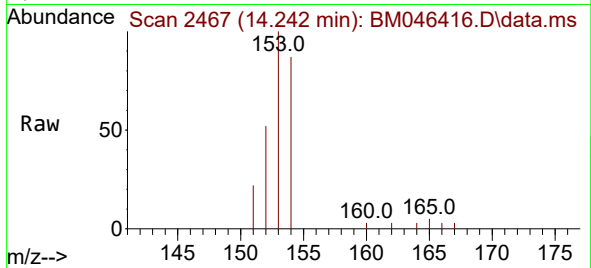




#11
Acenaphthene
Concen: 0.094 ng/ul
RT: 14.242 min Scan# 2467
Delta R.T. -0.004 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

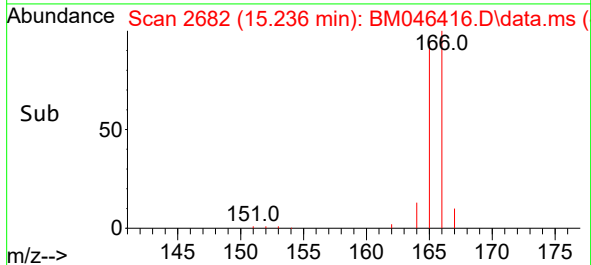
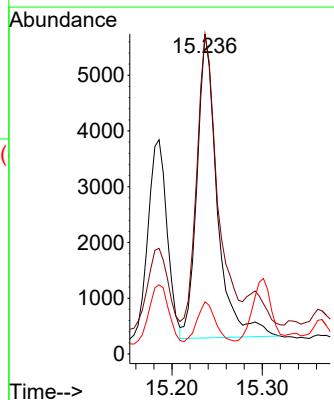
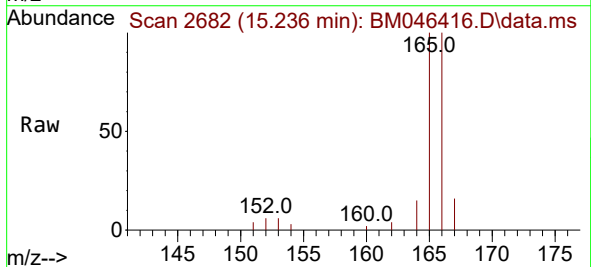
Instrument :
BNA_M
ClientSampleId :
A4CF6

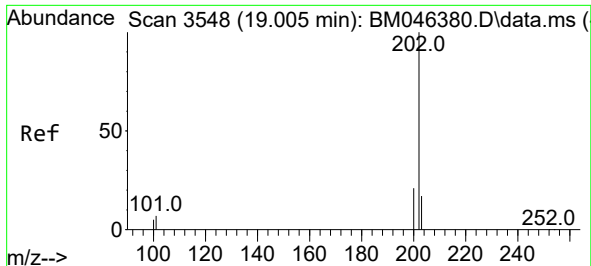
Tgt Ion:153 Resp: 4948
Ion Ratio Lower Upper
153 100
152 52.3 40.4 60.6
154 87.0 72.1 108.1



#12
Fluorene
Concen: 0.136 ng/ul
RT: 15.236 min Scan# 2682
Delta R.T. -0.004 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

Tgt Ion:166 Resp: 8480
Ion Ratio Lower Upper
166 100
165 100.0 78.0 117.0
167 16.3 11.4 17.0





#19

Fluoranthene

Concen: 3.840 ng/ul

RT: 19.001 min Scan# 3

Delta R.T. -0.004 min

Lab File: BM046416.D

Acq: 06 Jul 2024 13:21

Instrument :

BNA_M

ClientSampleId :

A4CF6

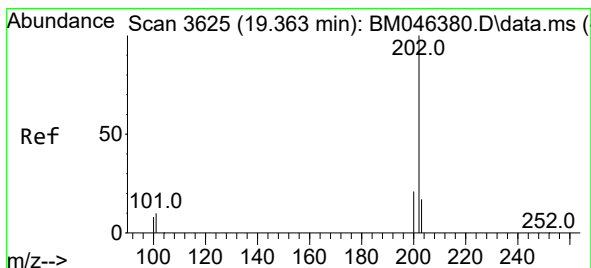
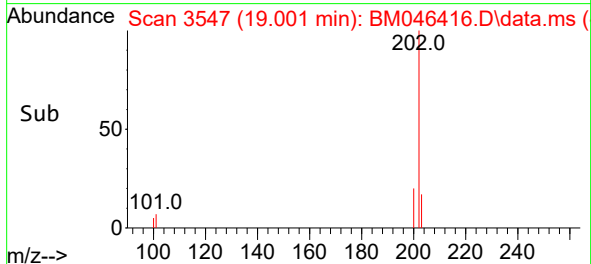
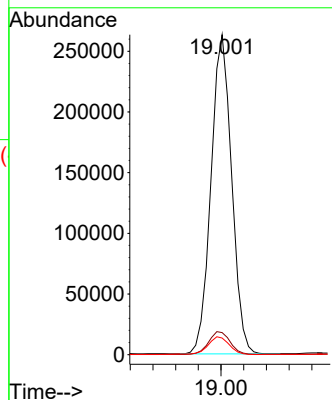
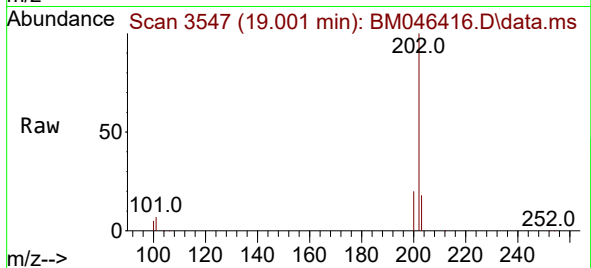
Tgt Ion:202 Resp: 331706

Ion Ratio Lower Upper

202 100

101 6.9 6.3 9.5

100 5.2 5.0 7.6



#20

Pyrene

Concen: 3.086 ng/ul

RT: 19.363 min Scan# 3625

Delta R.T. 0.000 min

Lab File: BM046416.D

Acq: 06 Jul 2024 13:21

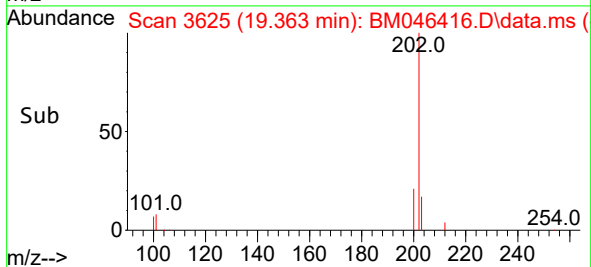
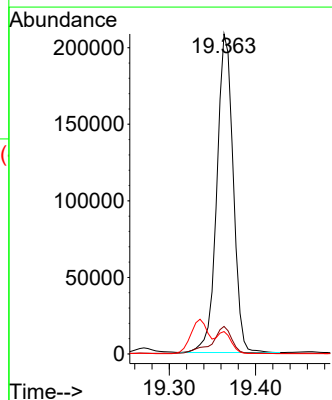
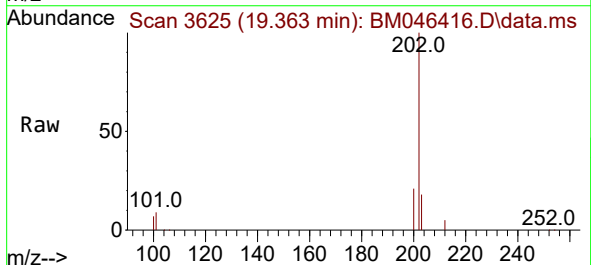
Tgt Ion:202 Resp: 274290

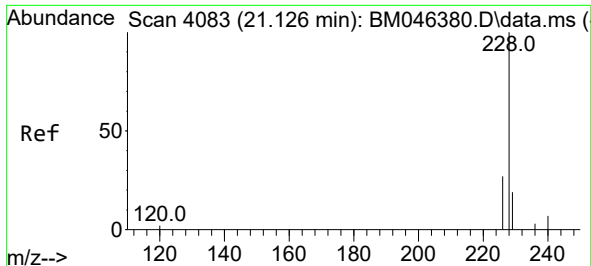
Ion Ratio Lower Upper

202 100

101 8.6 8.2 12.4

100 7.0 6.9 10.3

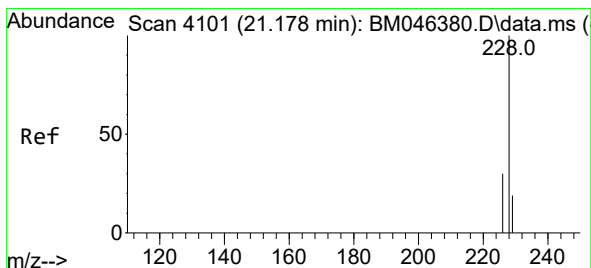
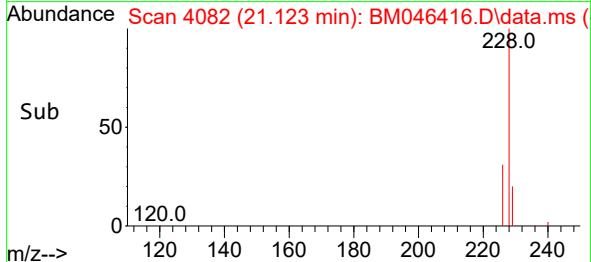
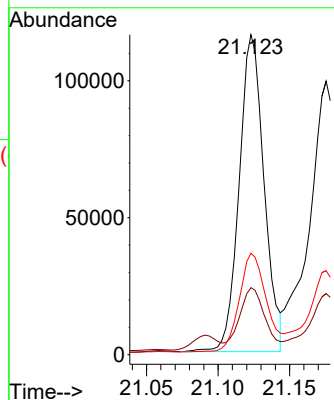
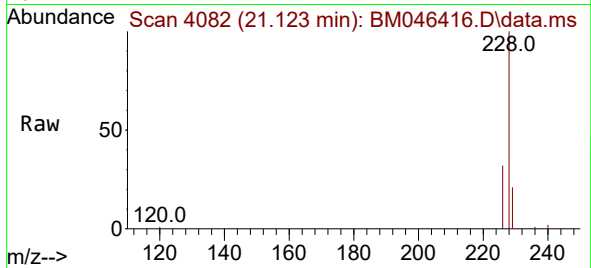




#21
Benzo(a)anthracene
Concen: 1.835 ng/ul
RT: 21.123 min Scan# 4083
Delta R.T. -0.003 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

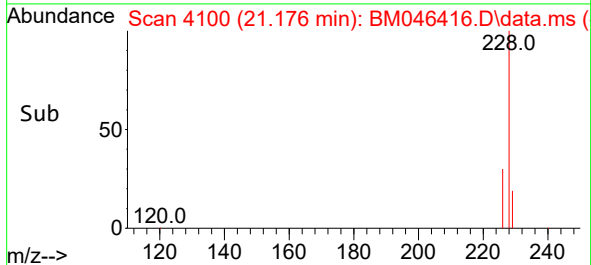
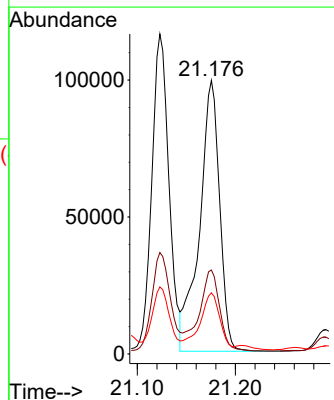
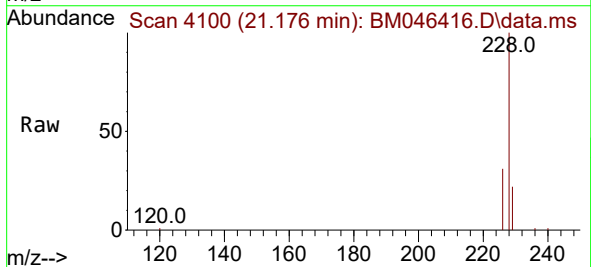
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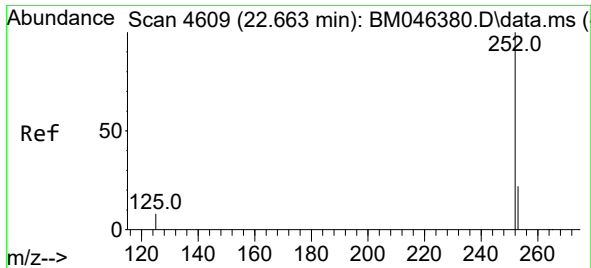
Tgt Ion:228 Resp: 140083
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 31.7 22.0 33.0



#22
Chrysene
Concen: 1.851 ng/ul
RT: 21.176 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

Tgt Ion:228 Resp: 140483
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 22.3 15.8 23.6

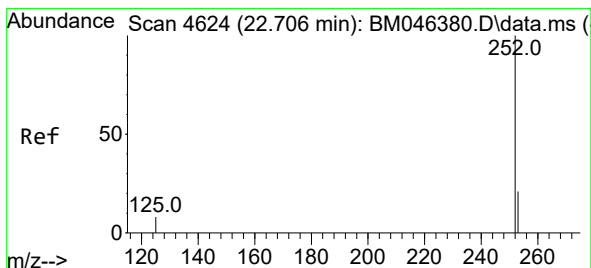
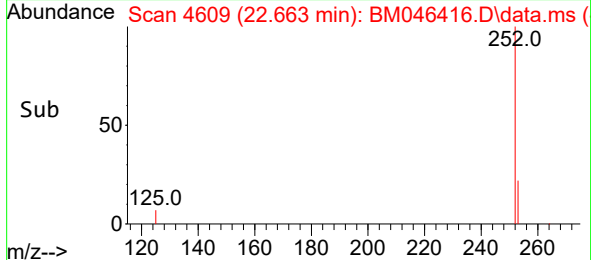
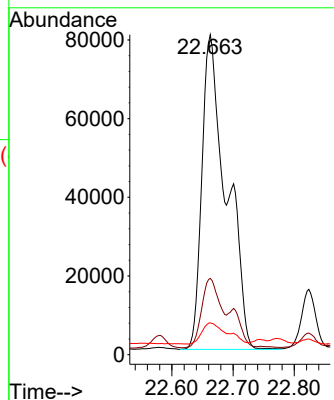
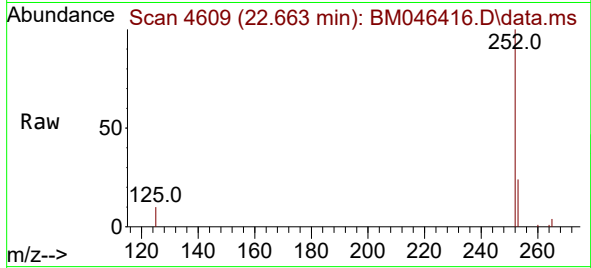




#24
Benzo(b)fluoranthene
Concen: 2.916 ng/ul
RT: 22.663 min Scan# 4609
Delta R.T. 0.000 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

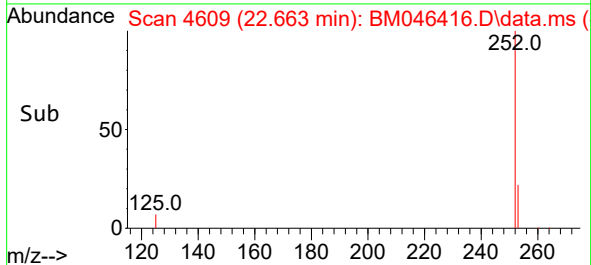
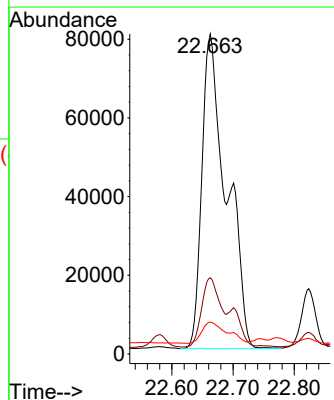
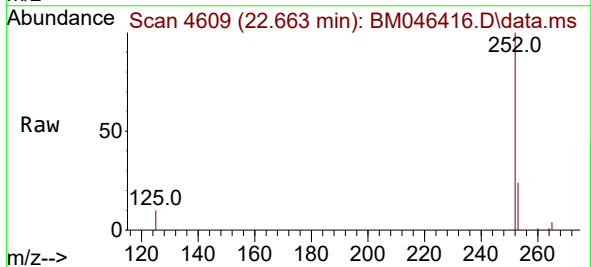
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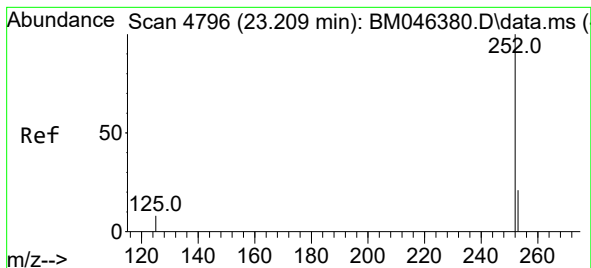
Tgt Ion:252 Resp: 223398
Ion Ratio Lower Upper
252 100
253 23.9 0.0 47.0
125 10.0 0.0 18.4



#25
Benzo(k)fluoranthene
Concen: 2.888 ng/ul
RT: 22.663 min Scan# 4609
Delta R.T. -0.044 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

Tgt Ion:252 Resp: 223398
Ion Ratio Lower Upper
252 100
253 23.9 18.4 27.6
125 10.0 7.5 11.3





#26

Benzo(a)pyrene

Concen: 1.373 ng/ul

RT: 23.207 min Scan# 4796

Delta R.T. -0.003 min

Lab File: BM046416.D

Acq: 06 Jul 2024 13:21

Instrument :

BNA_M

ClientSampleId :

A4CF6

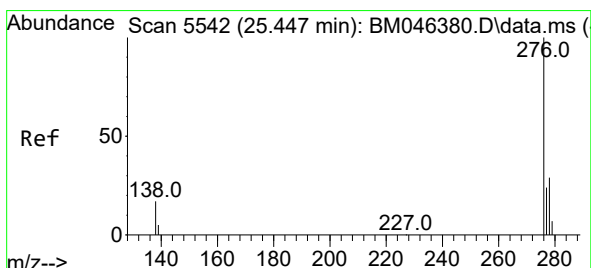
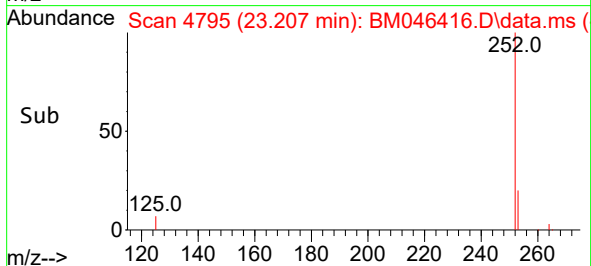
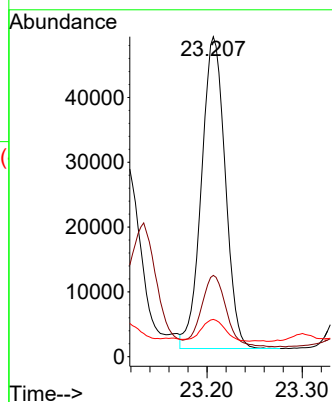
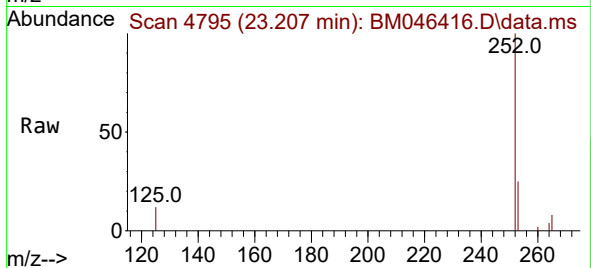
Tgt Ion:252 Resp: 83123

Ion Ratio Lower Upper

252 100

253 25.4 18.9 28.3

125 11.6 8.1 12.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.845 ng/ul

RT: 25.444 min Scan# 5541

Delta R.T. -0.003 min

Lab File: BM046416.D

Acq: 06 Jul 2024 13:21

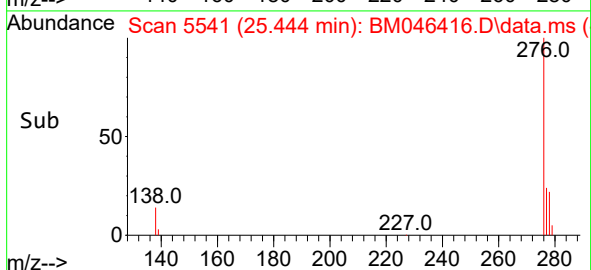
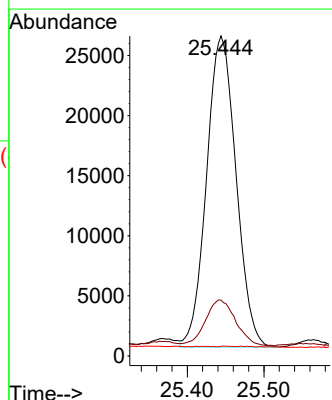
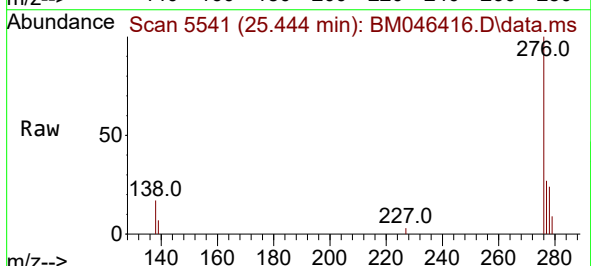
Tgt Ion:276 Resp: 69150

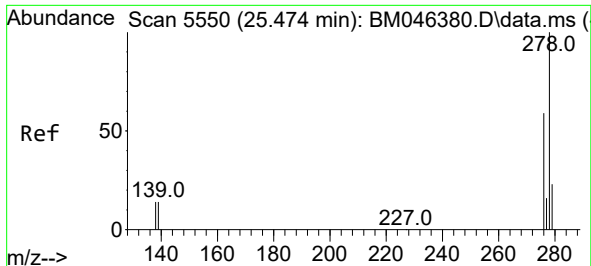
Ion Ratio Lower Upper

276 100

138 15.2 15.7 23.5#

227 0.1 0.1 0.1

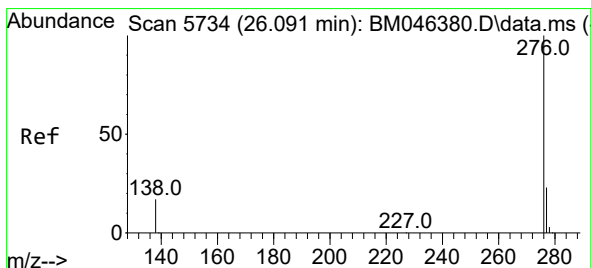
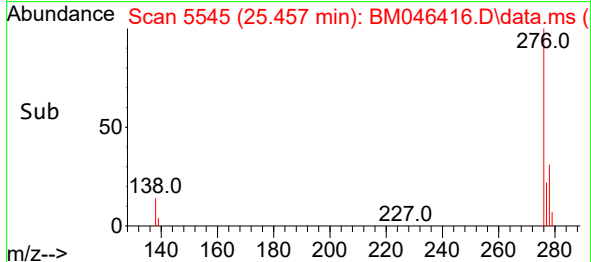
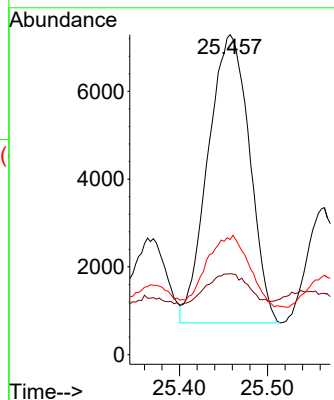
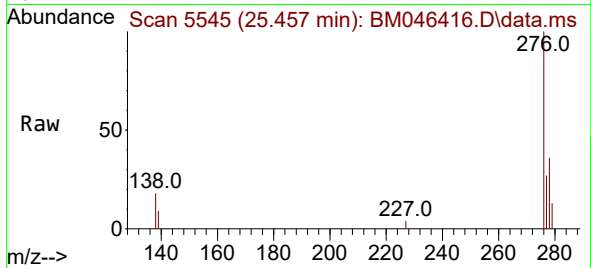




#28
Dibenzo(a,h)anthracene
Concen: 0.340 ng/ul
RT: 25.457 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

Instrument :
BNA_M
ClientSampleId :
A4CF6

Tgt Ion:278 Resp: 21530
Ion Ratio Lower Upper
278 100
139 25.3 12.6 18.8#
279 36.0 20.7 31.1#



#29
Benzo(g,h,i)perylene
Concen: 0.219 ng/ul
RT: 26.091 min Scan# 5734
Delta R.T. 0.000 min
Lab File: BM046416.D
Acq: 06 Jul 2024 13:21

Tgt Ion:276 Resp: 14281
Ion Ratio Lower Upper
276 100
138 28.7 15.4 23.0#
277 36.9 19.7 29.5#

