

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046897.D
 Acq On : 29 Jul 2024 23:27
 Operator : MA/JU
 Sample : P3329-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E24

Quant Time: Jul 30 00:03:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

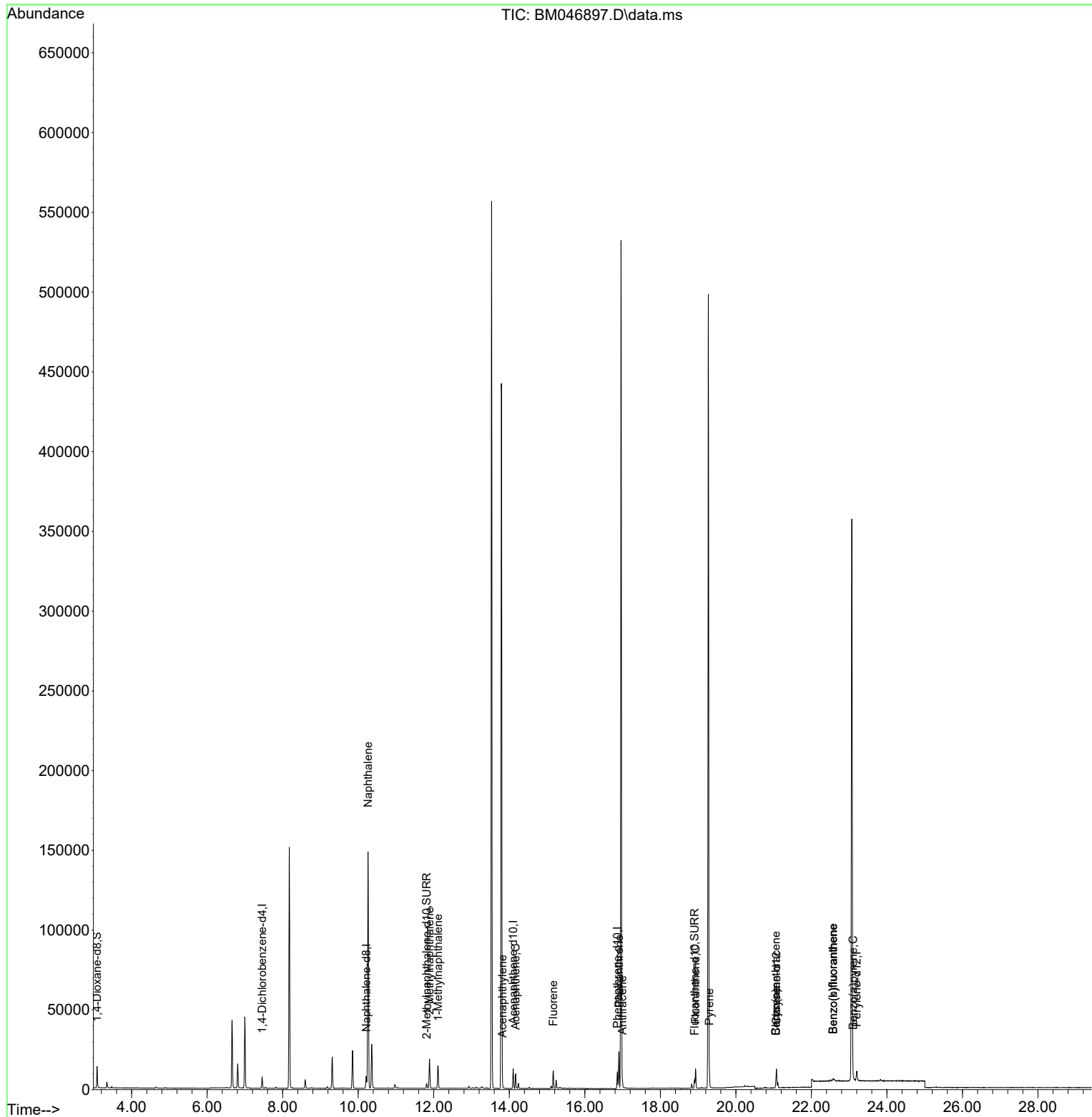
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	3309	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.211	136	10085	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.104	164	6447	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.863	188	12399	0.400	ng/ul	0.00
17) Chrysene-d12	21.076	240	10100	0.400	ng/ul	# 0.00
23) Perylene-d12	23.203	264	8459	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	7789	3.362	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.811	152	3858	0.241	ng/ul	-0.02
18) Fluoranthene-d10	18.905	212	6017	0.183	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.260	128	189639	7.434	ng/ul	96
7) 2-Methylnaphthalene	11.888	142	12631	0.719	ng/ul	100
8) 1-Methylnaphthalene	12.113	142	9805	0.541	ng/ul	100
10) Acenaphthylene	13.822	152	661	0.022	ng/ul#	65
11) Acenaphthene	14.169	153	5241	0.262	ng/ul	99
12) Fluorene	15.164	166	6925	0.276	ng/ul	99
15) Phenanthrene	16.905	178	23784	0.667	ng/ul	98
16) Anthracene	16.994	178	3381	0.102	ng/ul	95
19) Fluoranthene	18.932	202	10786	0.243	ng/ul	98
20) Pyrene	19.300	202	8797	0.192	ng/ul#	97
21) Benzo(a)anthracene	21.058	228	3336	0.079	ng/ul	93
22) Chrysene	21.058	228	3244	0.076	ng/ul	96
24) Benzo(b)fluoranthene	22.575	252	3287	0.089	ng/ul#	32
25) Benzo(k)fluoranthene	22.575	252	3287	0.088	ng/ul#	37
26) Benzo(a)pyrene	23.107	252	895	0.034	ng/ul#	4

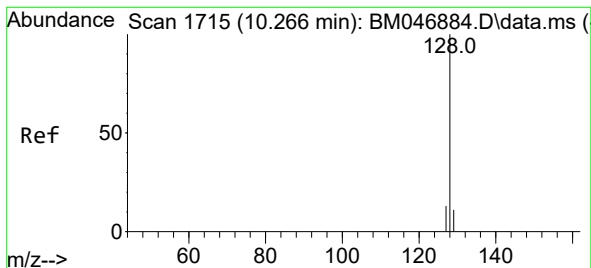
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 7.434 ng/ul

RT: 10.260 min Scan# 1

Delta R.T. -0.016 min

Lab File: BM046897.D

Acq: 29 Jul 2024 23:27

Instrument :

BNA_M

ClientSampleId :

F7E24

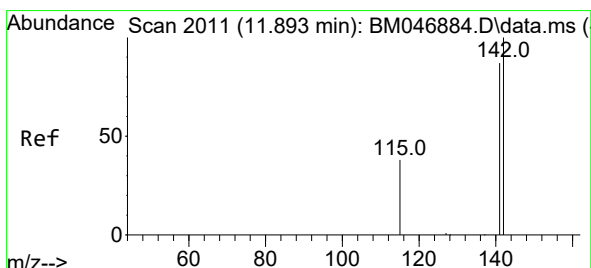
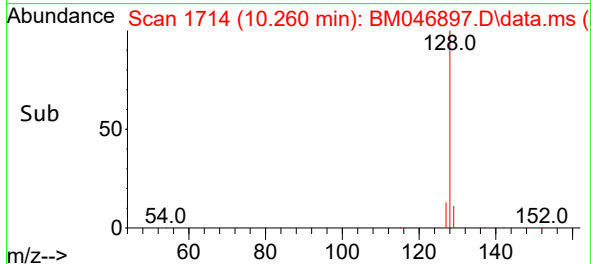
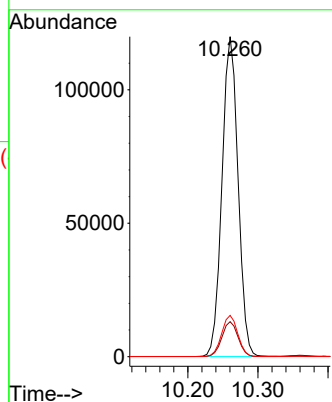
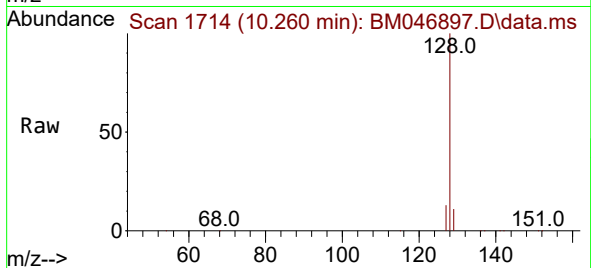
Tgt Ion:128 Resp: 189639

Ion Ratio Lower Upper

128 100

129 11.0 10.1 15.1

127 12.9 11.5 17.3



#7

2-Methylnaphthalene

Concen: 0.719 ng/ul

RT: 11.888 min Scan# 2010

Delta R.T. -0.017 min

Lab File: BM046897.D

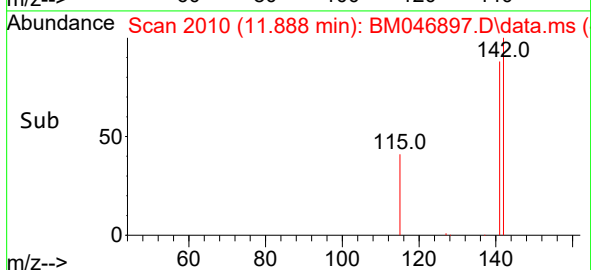
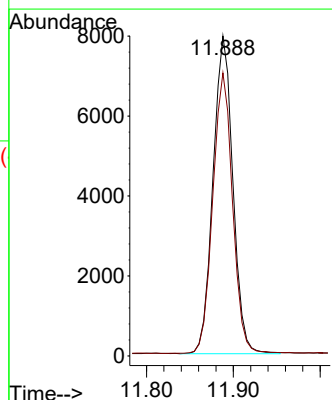
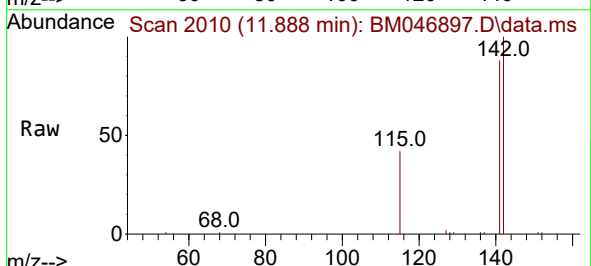
Acq: 29 Jul 2024 23:27

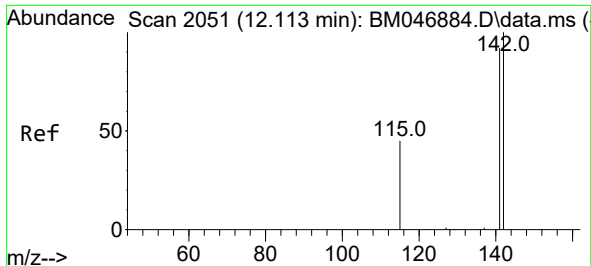
Tgt Ion:142 Resp: 12631

Ion Ratio Lower Upper

142 100

141 87.8 70.5 105.7

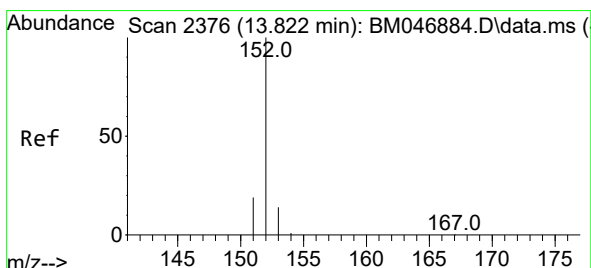
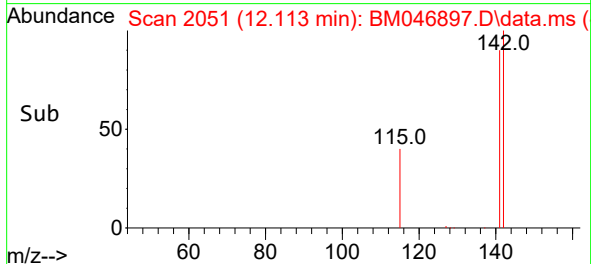
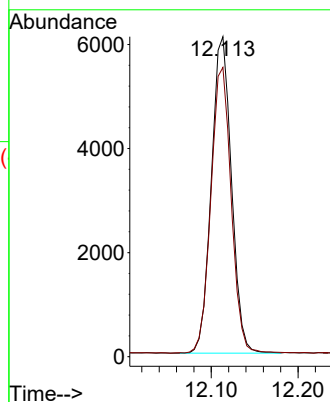
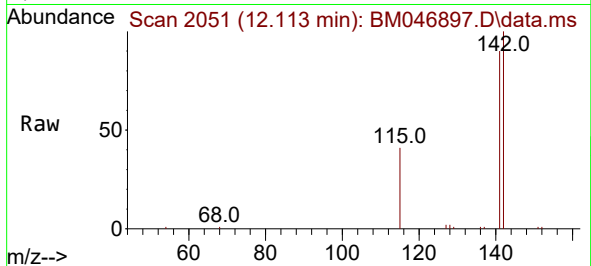




#8
1-Methylnaphthalene
Concen: 0.541 ng/ul
RT: 12.113 min Scan# 2051
Delta R.T. -0.016 min
Lab File: BM046897.D
Acq: 29 Jul 2024 23:27

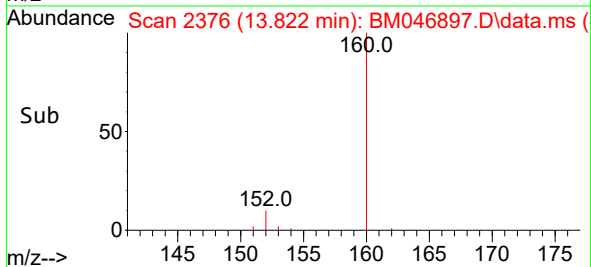
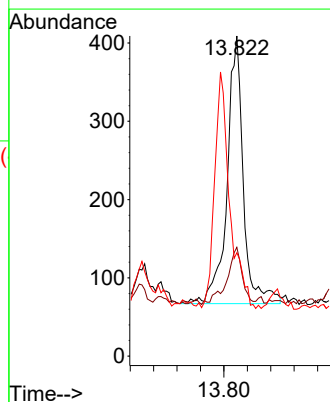
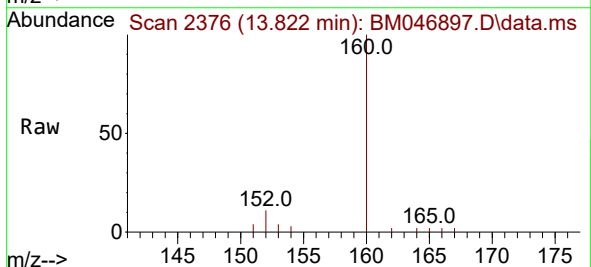
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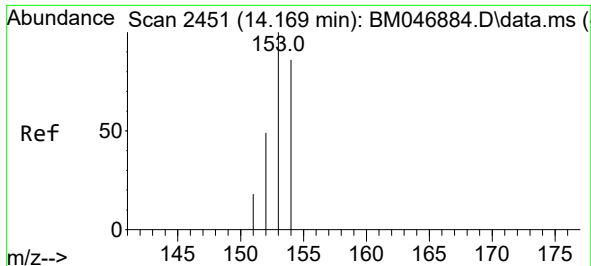
Tgt Ion:142 Resp: 9805
Ion Ratio Lower Upper
142 100
141 91.2 73.1 109.7



#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 13.822 min Scan# 2376
Delta R.T. -0.009 min
Lab File: BM046897.D
Acq: 29 Jul 2024 23:27

Tgt Ion:152 Resp: 661
Ion Ratio Lower Upper
152 100
151 34.0 16.8 25.2#
153 32.3 11.0 16.6#

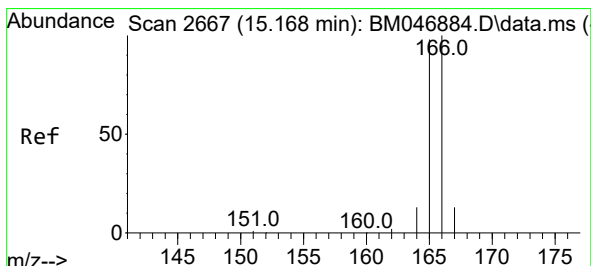
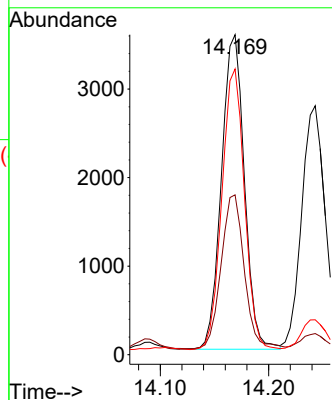
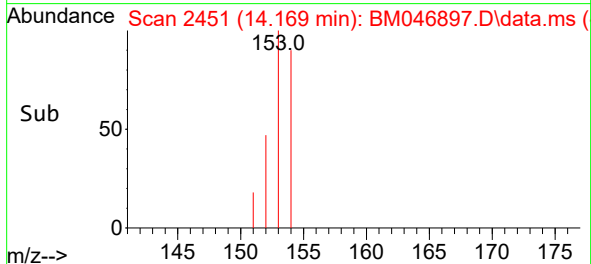
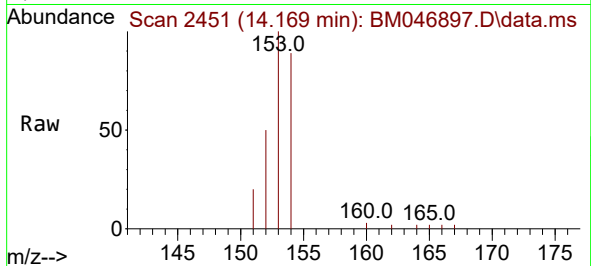




#11
Acenaphthene
Concen: 0.262 ng/ul
RT: 14.169 min Scan# 2451
Delta R.T. -0.014 min
Lab File: BM046897.D
Acq: 29 Jul 2024 23:27

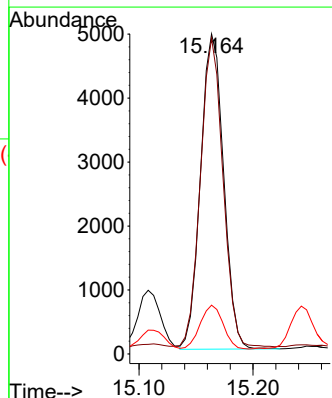
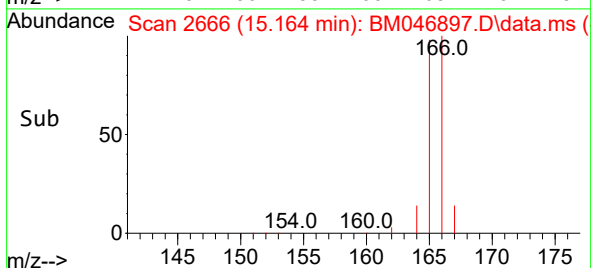
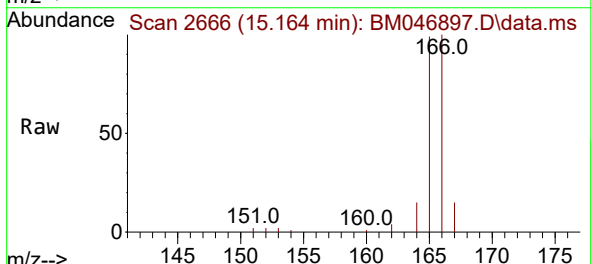
Instrument :
BNA_M
ClientSampleId :
F7E24

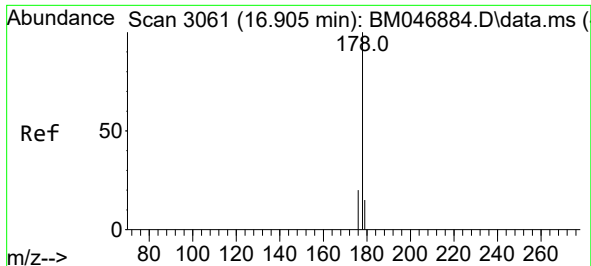
Tgt Ion:153 Resp: 5241
Ion Ratio Lower Upper
153 100
152 49.9 38.6 57.8
154 89.3 70.8 106.2



#12
Fluorene
Concen: 0.276 ng/ul
RT: 15.164 min Scan# 2666
Delta R.T. -0.014 min
Lab File: BM046897.D
Acq: 29 Jul 2024 23:27

Tgt Ion:166 Resp: 6925
Ion Ratio Lower Upper
166 100
165 98.7 79.8 119.6
167 15.3 12.3 18.5

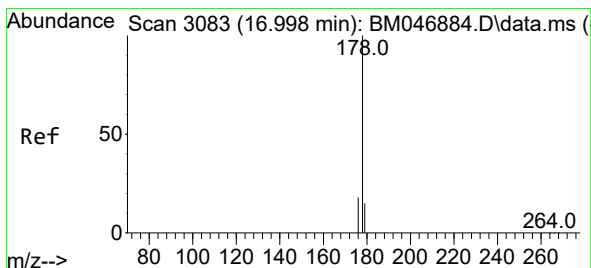
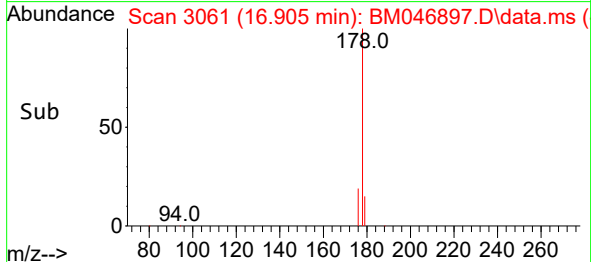
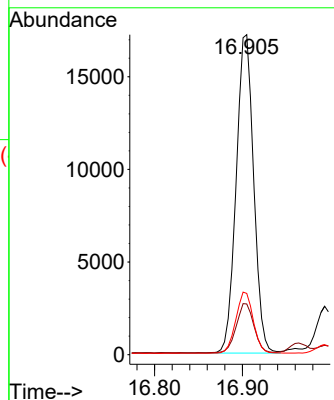
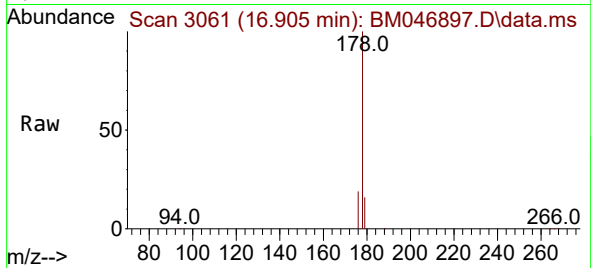




#15
Phenanthrene
Concen: 0.667 ng/ul
RT: 16.905 min Scan# 3061
Delta R.T. -0.008 min
Lab File: BM046897.D
Acq: 29 Jul 2024 23:27

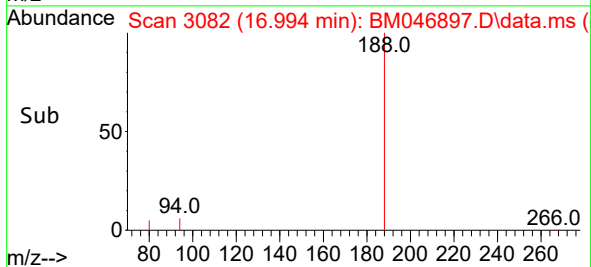
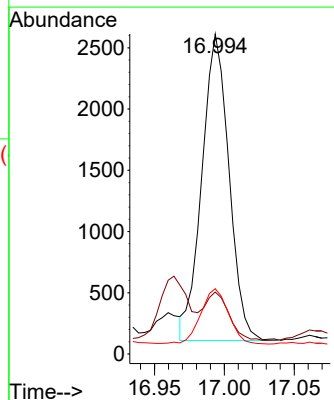
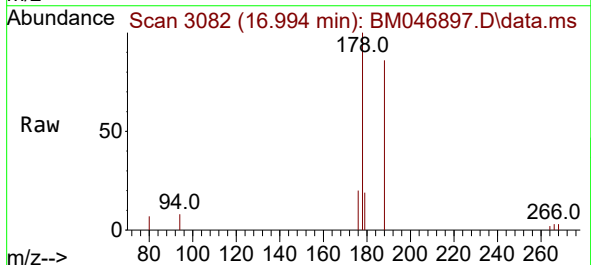
Instrument :
BNA_M
ClientSampleId :
F7E24

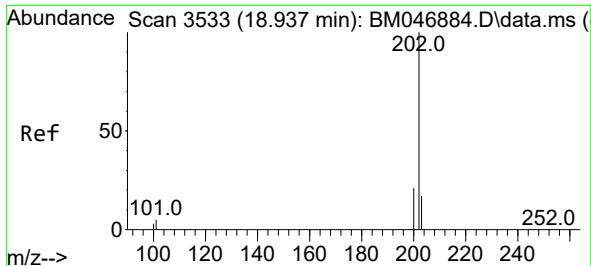
Tgt Ion:178 Resp: 23784
Ion Ratio Lower Upper
178 100
179 15.9 13.4 20.2
176 19.1 16.1 24.1



#16
Anthracene
Concen: 0.102 ng/ul
RT: 16.994 min Scan# 3082
Delta R.T. -0.013 min
Lab File: BM046897.D
Acq: 29 Jul 2024 23:27

Tgt Ion:178 Resp: 3381
Ion Ratio Lower Upper
178 100
179 19.4 13.1 19.7
176 20.4 15.0 22.6

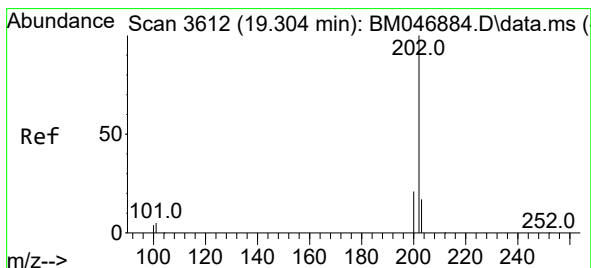
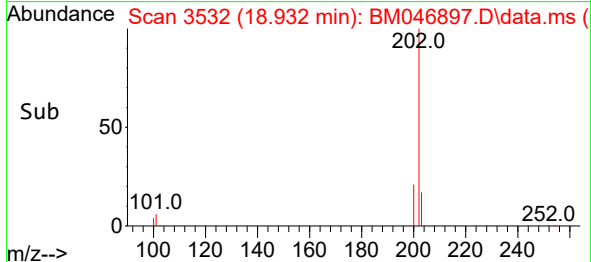
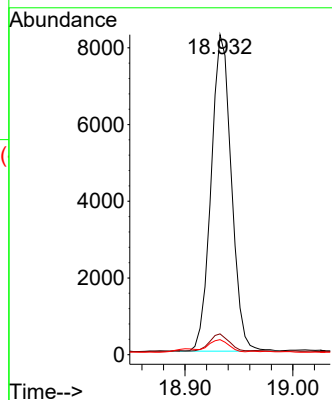
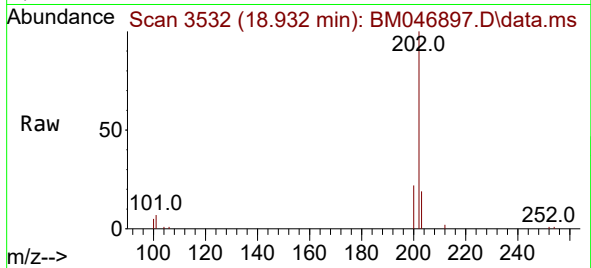




#19
Fluoranthene
Concen: 0.243 ng/ul
RT: 18.932 min Scan# 3532
Delta R.T. -0.009 min
Lab File: BM046897.D
Acq: 29 Jul 2024 23:27

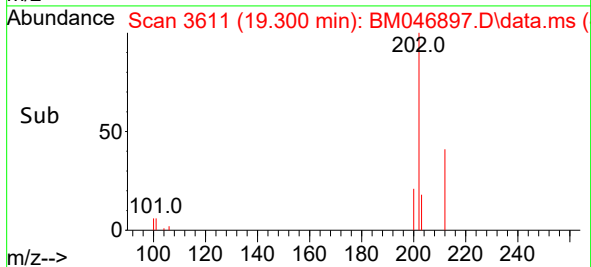
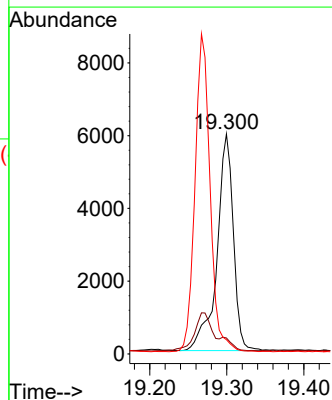
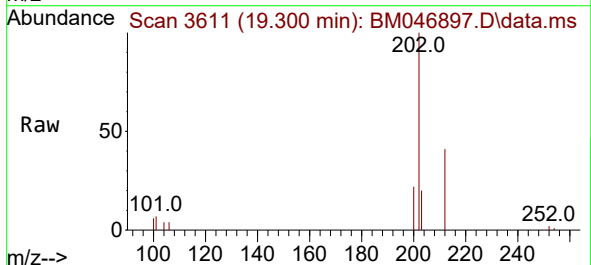
Instrument :
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ClientSampleId :
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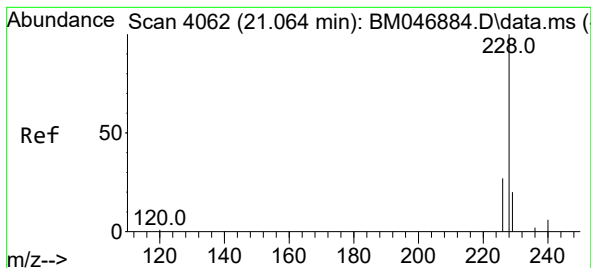
Tgt Ion:202 Resp: 10786
Ion Ratio Lower Upper
202 100
101 6.5 4.7 7.1
100 4.7 3.4 5.2



#20
Pyrene
Concen: 0.192 ng/ul
RT: 19.300 min Scan# 3611
Delta R.T. -0.005 min
Lab File: BM046897.D
Acq: 29 Jul 2024 23:27

Tgt Ion:202 Resp: 8797
Ion Ratio Lower Upper
202 100
101 7.2 5.2 7.8
100 6.5 4.3 6.5#





#21

Benzo(a)anthracene

Concen: 0.079 ng/ul

RT: 21.058 min Scan# 4060

Delta R.T. -0.006 min

Lab File: BM046897.D

Acq: 29 Jul 2024 23:27

Instrument :

BNA_M

ClientSampleId :

F7E24

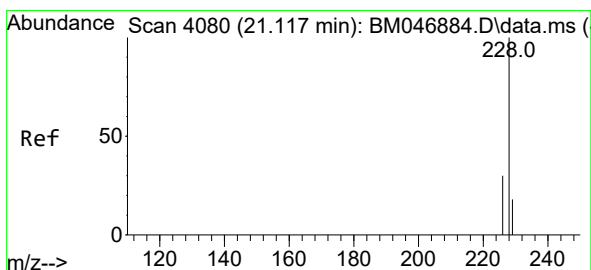
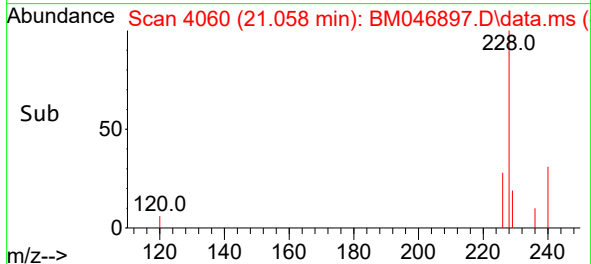
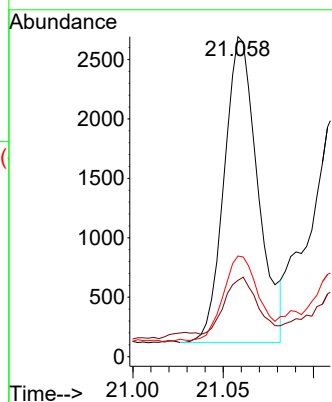
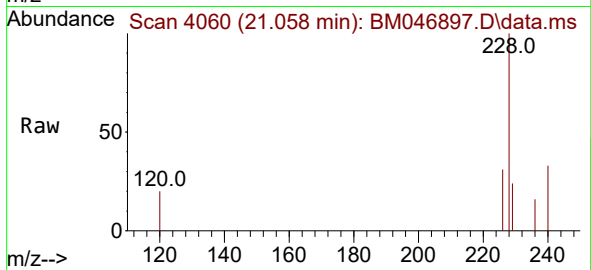
Tgt Ion:228 Resp: 3336

Ion Ratio Lower Upper

228 100

229 23.8 16.3 24.5

226 31.4 22.3 33.5



#22

Chrysene

Concen: 0.076 ng/ul

RT: 21.058 min Scan# 4060

Delta R.T. -0.058 min

Lab File: BM046897.D

Acq: 29 Jul 2024 23:27

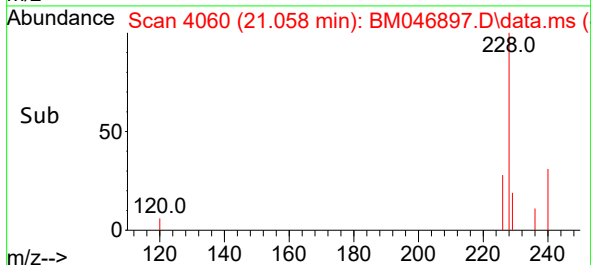
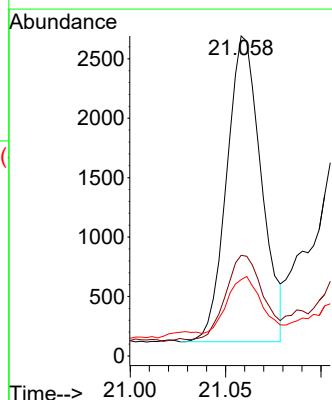
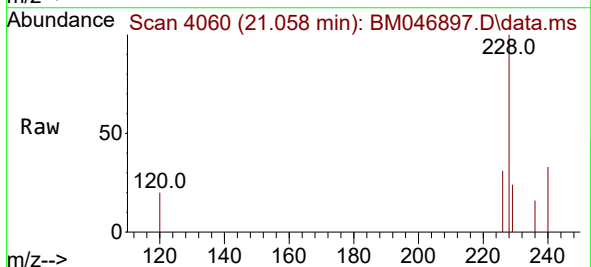
Tgt Ion:228 Resp: 3244

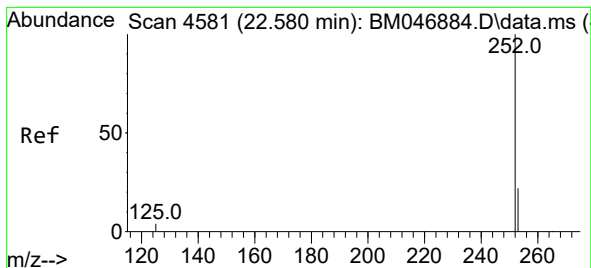
Ion Ratio Lower Upper

228 100

226 31.4 24.5 36.7

229 23.8 16.2 24.2





#24

Benzo(b)fluoranthene

Concen: 0.089 ng/ul

RT: 22.575 min Scan# 4

Delta R.T. -0.006 min

Lab File: BM046897.D

Acq: 29 Jul 2024 23:27

Instrument :

BNL_M

ClientSampleId :

F7E24

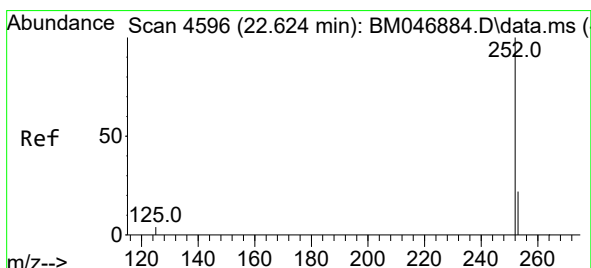
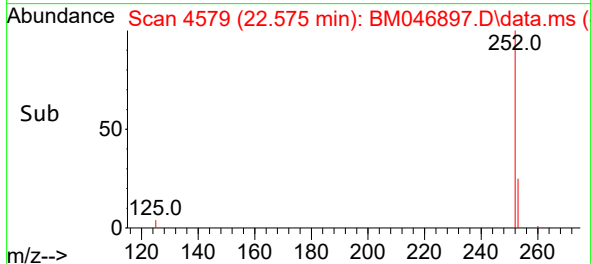
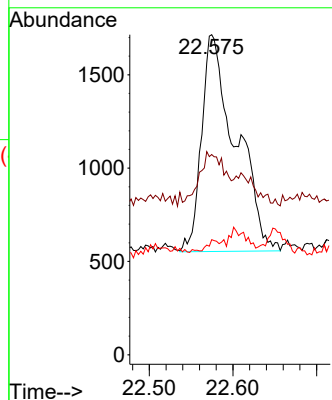
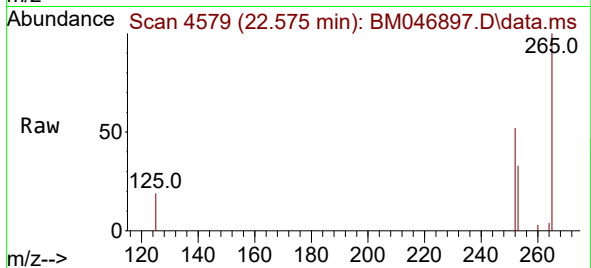
Tgt Ion:252 Resp: 3287

Ion Ratio Lower Upper

252 100

253 62.6 0.0 56.4#

125 36.0 0.0 15.8#



#25

Benzo(k)fluoranthene

Concen: 0.088 ng/ul

RT: 22.575 min Scan# 4579

Delta R.T. -0.047 min

Lab File: BM046897.D

Acq: 29 Jul 2024 23:27

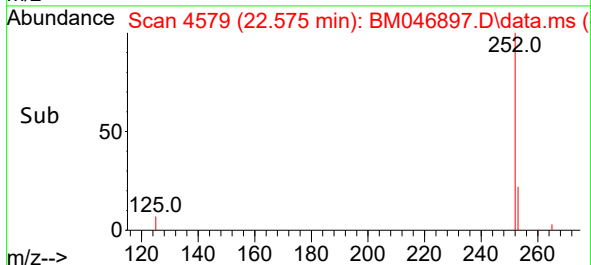
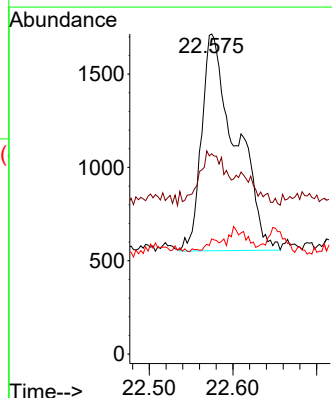
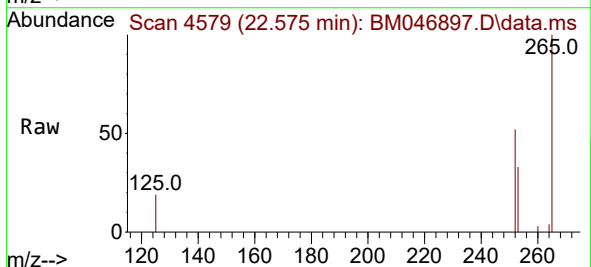
Tgt Ion:252 Resp: 3287

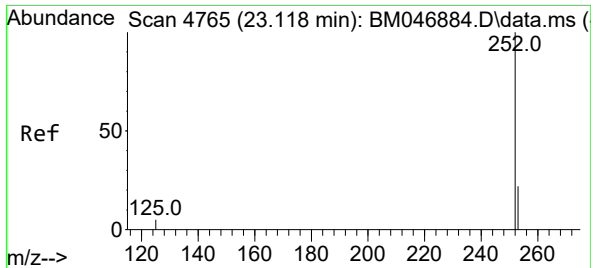
Ion Ratio Lower Upper

252 100

253 62.6 23.5 35.3#

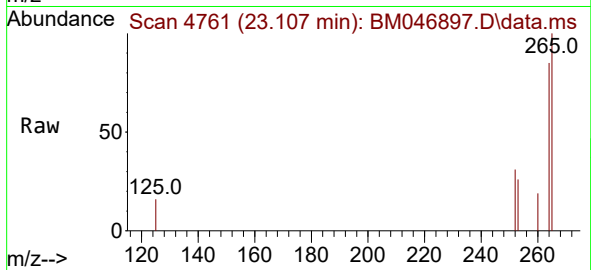
125 36.0 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.034 ng/ul
RT: 23.107 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM046897.D
Acq: 29 Jul 2024 23:27

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 895
Ion Ratio Lower Upper
252 100
253 83.7 26.0 39.0#
125 50.5 7.8 11.8#

