

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046072.D
 Acq On : 19 Jun 2024 04:30
 Operator : MA/JU
 Sample : P2695-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BL3

Quant Time: Jun 19 08:26:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

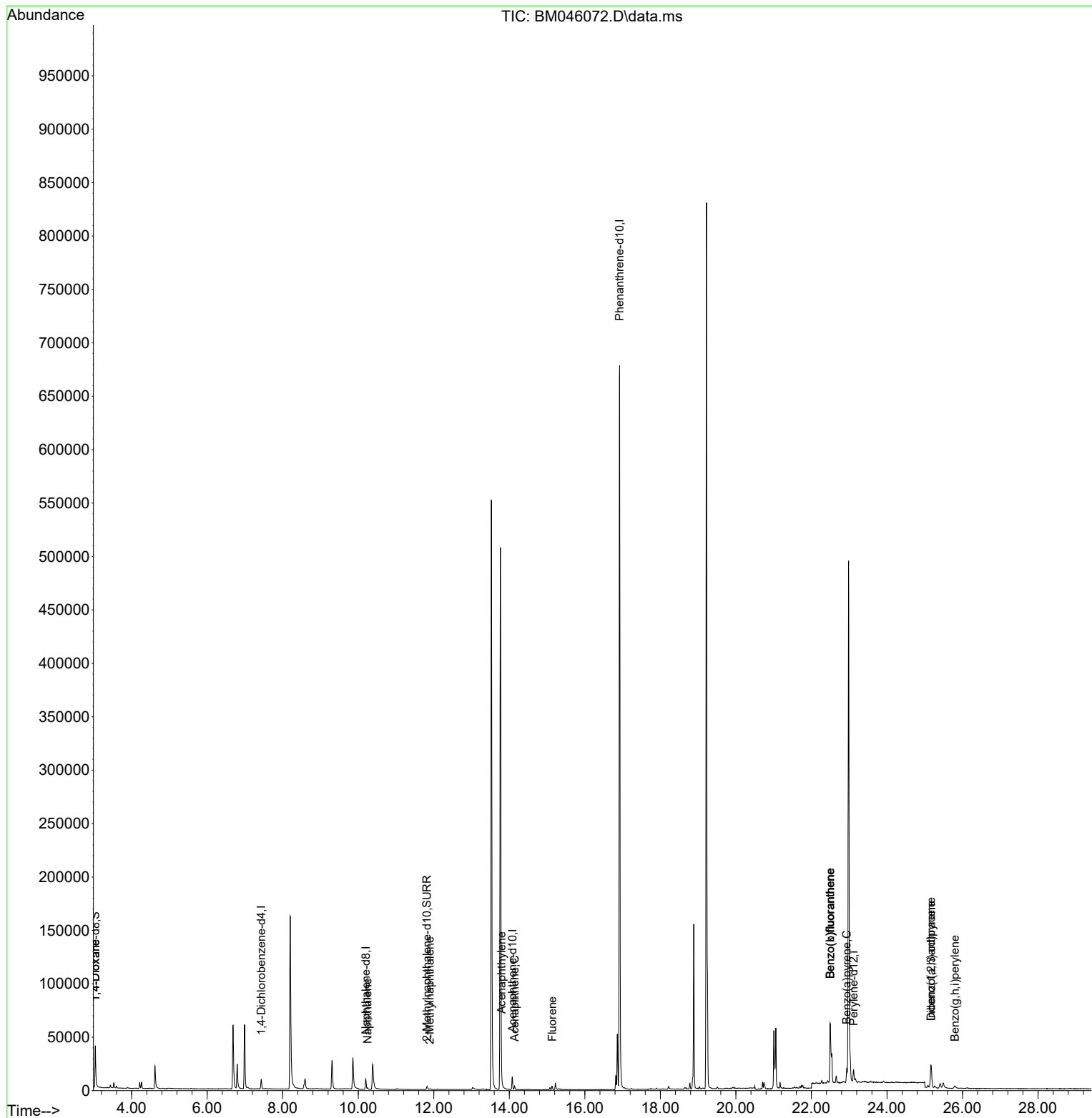
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	4701	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.198	136	13313	0.400	ng/ul	#-0.06
9) Acenaphthene-d10	14.080	164	6963	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.920	188	792270	0.400	ng/ul	# 0.06
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.116	264	17118	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	24021	3.724	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.821	152	5039	0.282	ng/ul	-0.04
18) Fluoranthene-d10	18.852	212	11022	0.000	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.037	88	202	0.028	ng/ul#	1
5) Naphthalene	10.248	128	1947	0.052	ng/ul#	93
7) 2-Methylnaphthalene	11.898	142	524	0.025	ng/ul	99
10) Acenaphthylene	13.793	152	2542	0.077	ng/ul#	92
11) Acenaphthene	14.140	153	2002	0.084	ng/ul	97
12) Fluorene	15.134	166	2346	0.092	ng/ul	96
24) Benzo(b)fluoranthene	22.496	252	112433	1.823	ng/ul	87
25) Benzo(k)fluoranthene	22.496	252	112433	1.533	ng/ul#	85
26) Benzo(a)pyrene	22.935	252	16677	0.292	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.165	276	31155	0.333	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.169	278	9341	0.134	ng/ul#	89
29) Benzo(g,h,i)perylene	25.796	276	4737	0.059	ng/ul#	79

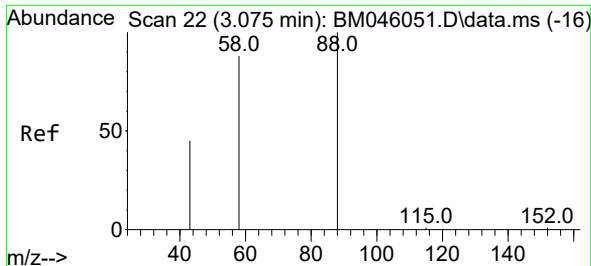
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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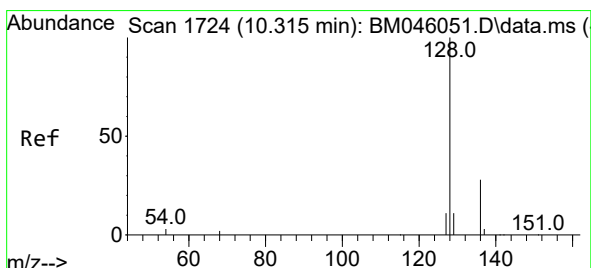
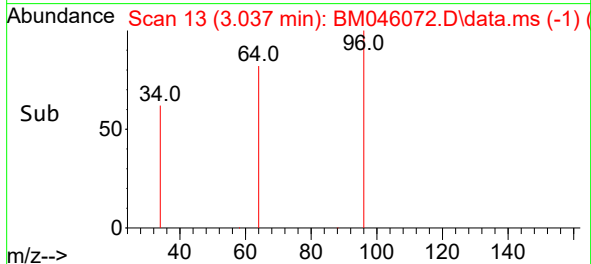
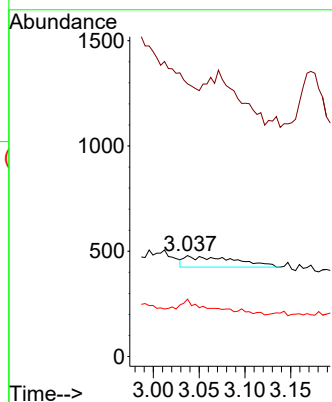
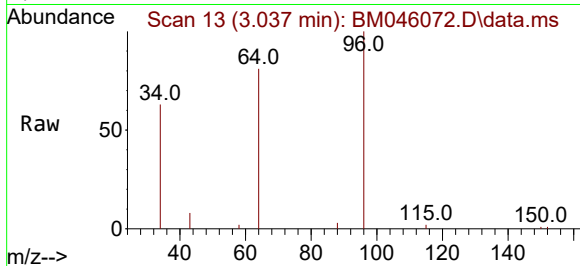




#2
1,4-Dioxane
Concen: 0.028 ng/ul
RT: 3.037 min Scan# 11
Delta R.T. -0.038 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30

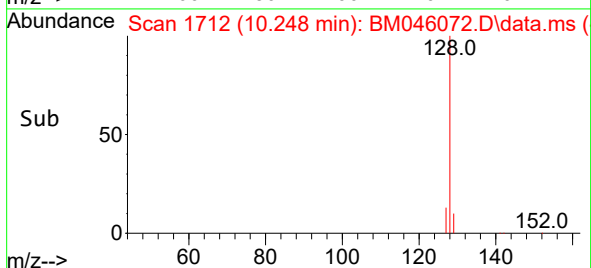
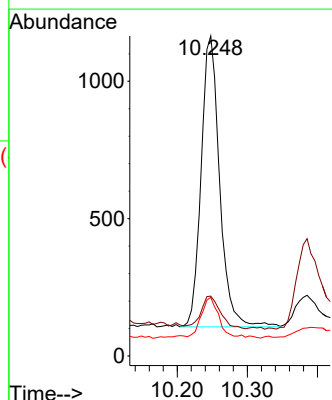
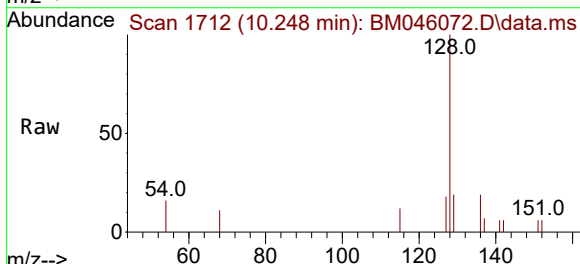
Instrument :
BNA_M
ClientSampleId :
A4BL3

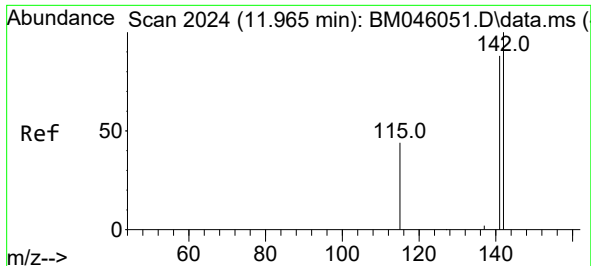
Tgt Ion: 88 Resp: 202
Ion Ratio Lower Upper
88 100
43 269.8 69.8 104.8#
58 56.9 53.2 79.8



#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.248 min Scan# 1712
Delta R.T. -0.055 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30

Tgt Ion: 128 Resp: 1947
Ion Ratio Lower Upper
128 100
129 18.7 11.8 17.6#
127 18.3 12.8 19.2

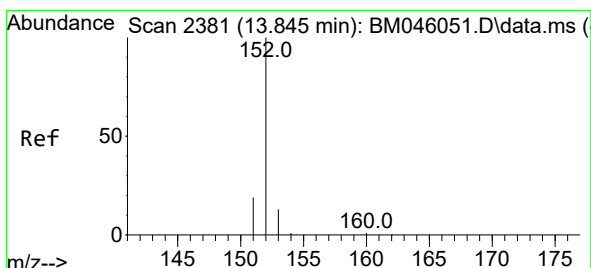
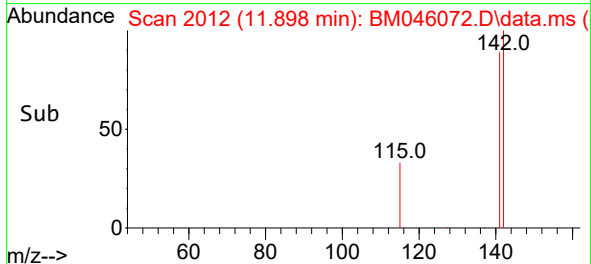
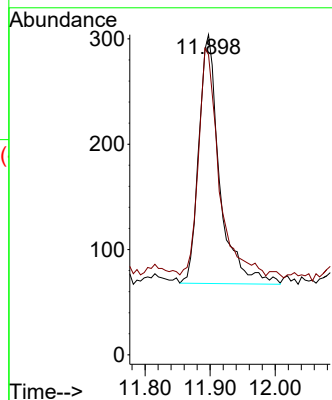
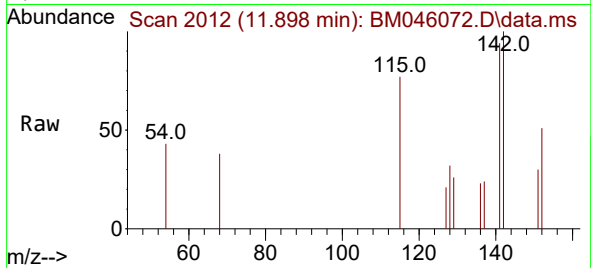




#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 11.898 min Scan# 20
Delta R.T. -0.050 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30

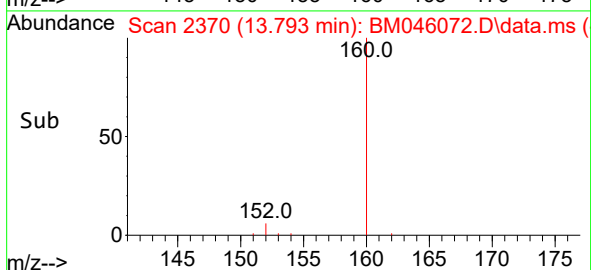
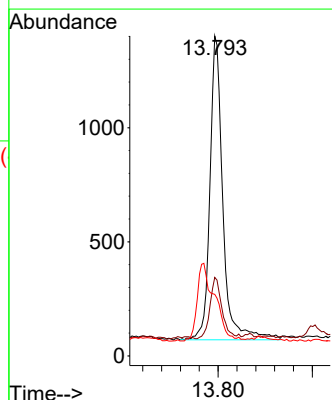
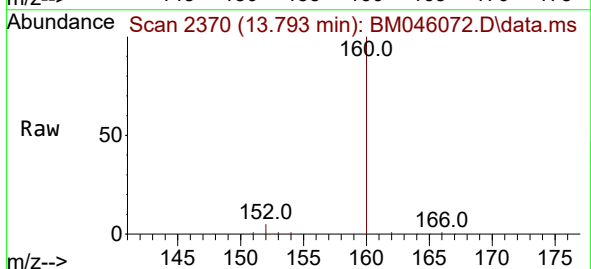
Instrument :
BNA_M
ClientSampleId :
A4BL3

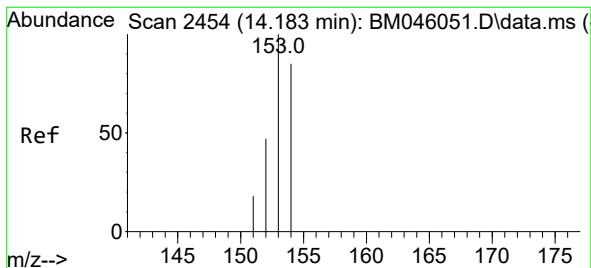
Tgt Ion:142 Resp: 524
Ion Ratio Lower Upper
142 100
141 91.8 74.6 111.8



#10
Acenaphthylene
Concen: 0.077 ng/ul
RT: 13.793 min Scan# 2370
Delta R.T. -0.042 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30

Tgt Ion:152 Resp: 2542
Ion Ratio Lower Upper
152 100
151 24.5 17.4 26.2
153 19.3 11.8 17.8#





#11

Acenaphthene

Concen: 0.084 ng/ul

RT: 14.140 min Scan# 2445

Delta R.T. -0.032 min

Lab File: BM046072.D

Acq: 19 Jun 2024 04:30

Instrument :

BNA_M

ClientSampleId :

A4BL3

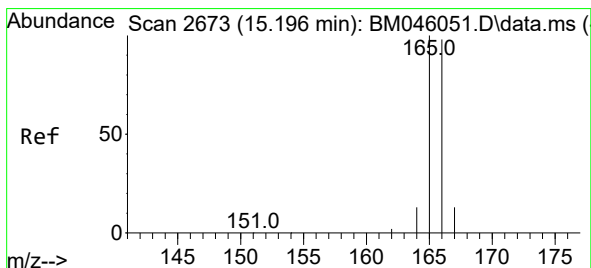
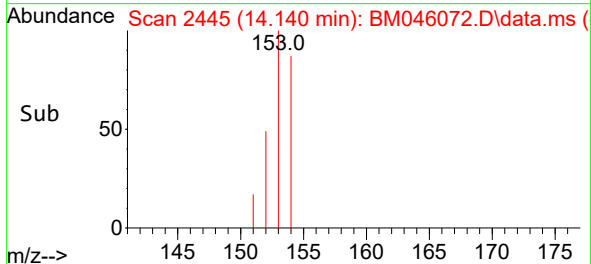
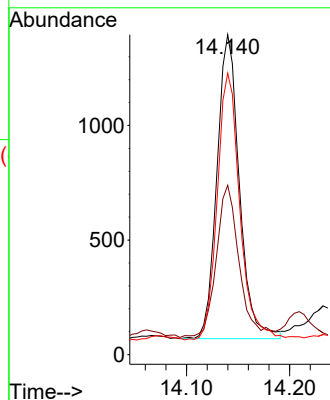
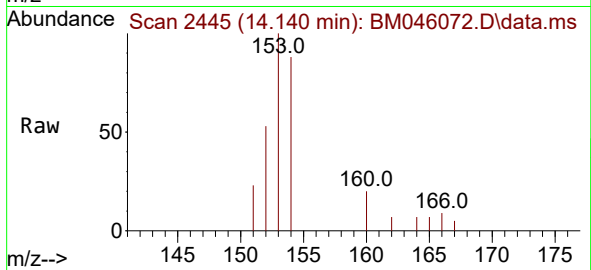
Tgt Ion:153 Resp: 2002

Ion Ratio Lower Upper

153 100

152 52.9 41.3 61.9

154 88.0 68.2 102.4



#12

Fluorene

Concen: 0.092 ng/ul

RT: 15.134 min Scan# 2660

Delta R.T. -0.046 min

Lab File: BM046072.D

Acq: 19 Jun 2024 04:30

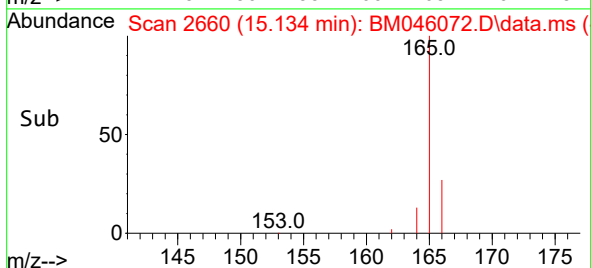
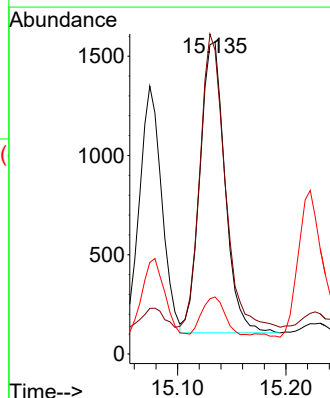
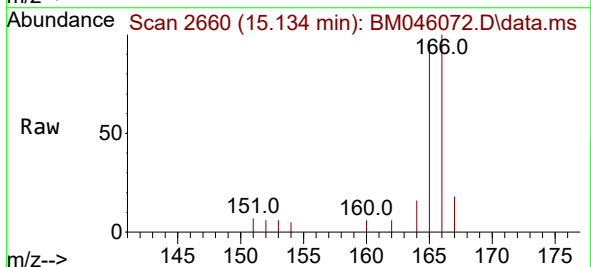
Tgt Ion:166 Resp: 2346

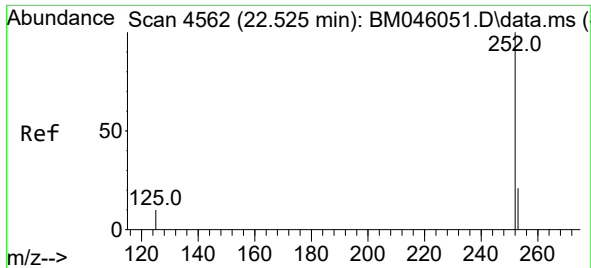
Ion Ratio Lower Upper

166 100

165 97.4 80.4 120.6

167 18.3 12.4 18.6

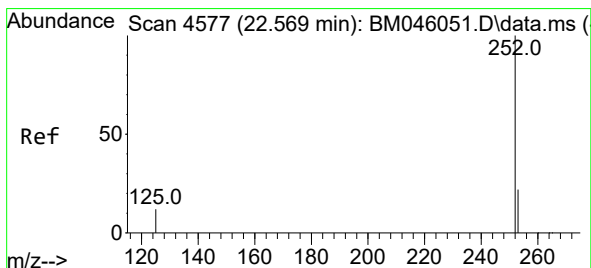
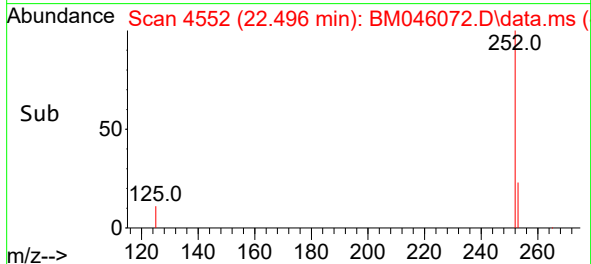
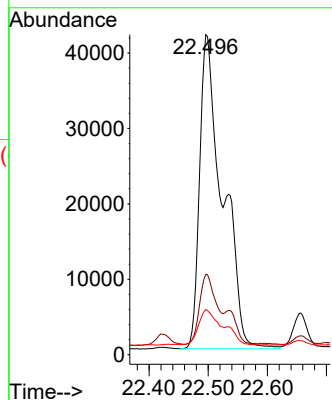
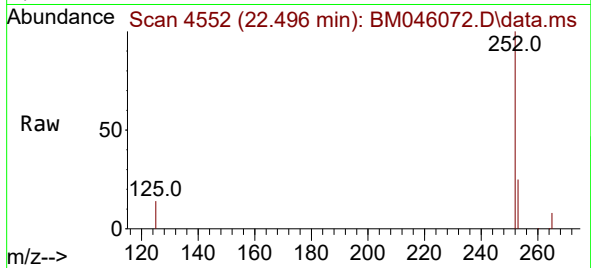




#24
Benzo(b)fluoranthene
Concen: 1.823 ng/ul
RT: 22.496 min Scan# 4552
Delta R.T. -0.023 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30

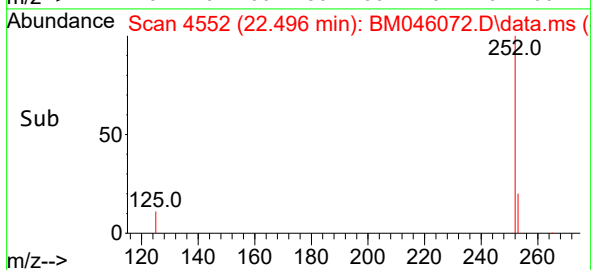
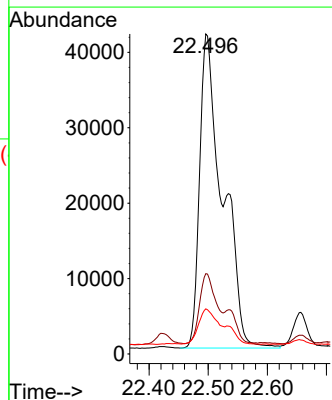
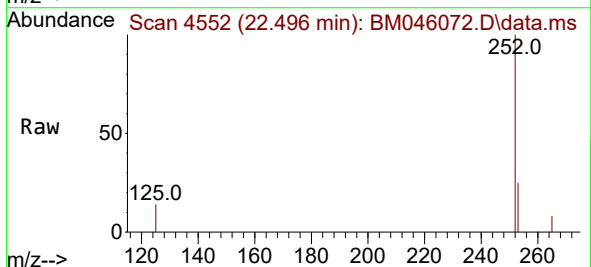
Instrument :
BNA_M
ClientSampleId :
A4BL3

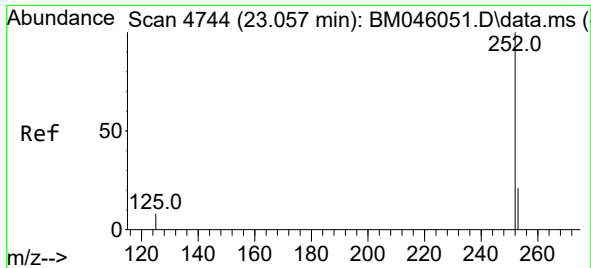
Tgt Ion:252 Resp: 112433
Ion Ratio Lower Upper
252 100
253 25.1 0.0 65.8
125 14.1 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 1.533 ng/ul
RT: 22.496 min Scan# 4552
Delta R.T. -0.067 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30

Tgt Ion:252 Resp: 112433
Ion Ratio Lower Upper
252 100
253 25.1 27.2 40.8#
125 14.1 16.6 25.0#

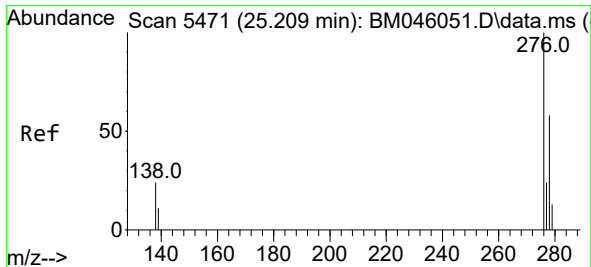
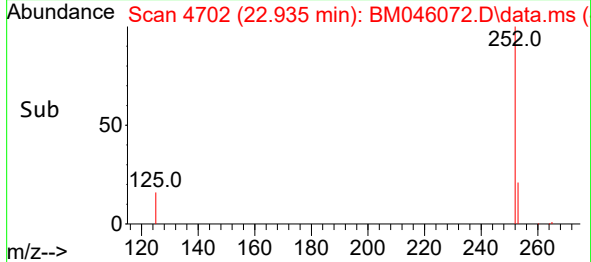
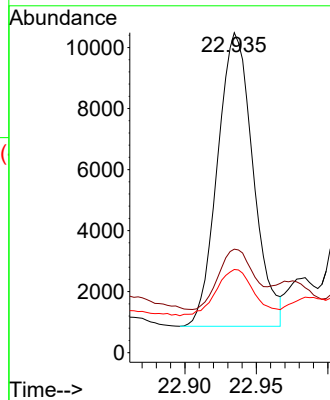
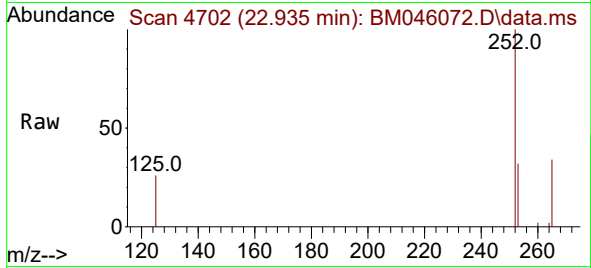




#26
Benzo(a)pyrene
Concen: 0.292 ng/ul
RT: 22.935 min Scan# 41
Delta R.T. -0.120 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30

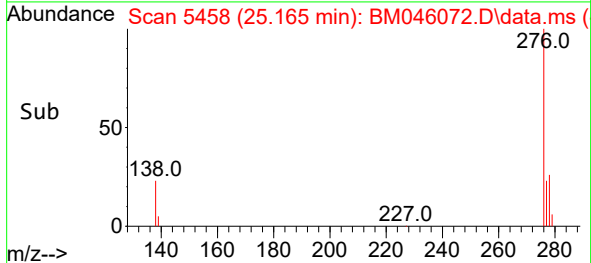
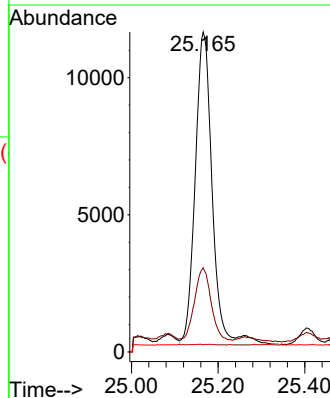
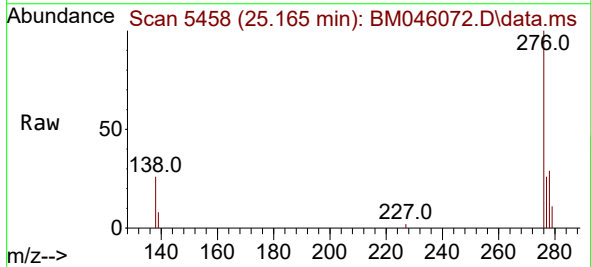
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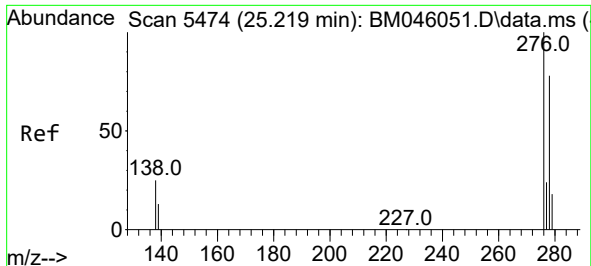
Tgt Ion:252 Resp: 16677
Ion Ratio Lower Upper
252 100
253 32.3 32.1 48.1
125 26.0 21.2 31.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/ul
RT: 25.165 min Scan# 5458
Delta R.T. -0.037 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30

Tgt Ion:276 Resp: 31155
Ion Ratio Lower Upper
276 100
138 22.3 21.0 31.4
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.134 ng/ul

RT: 25.169 min Scan# 54

Delta R.T. -0.047 min

Lab File: BM046072.D

Acq: 19 Jun 2024 04:30

Instrument :

BNA_M

ClientSampleId :

A4BL3

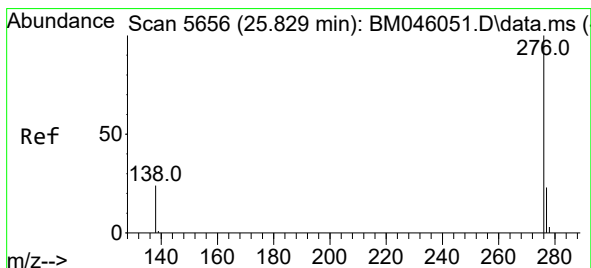
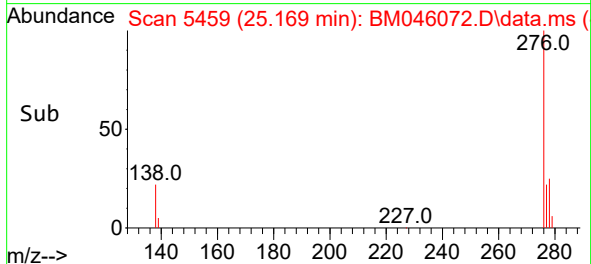
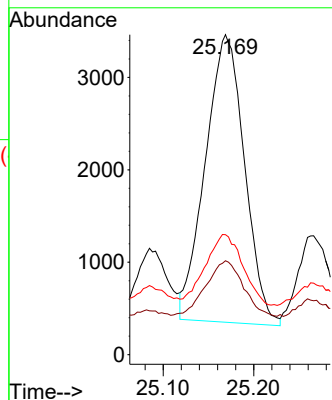
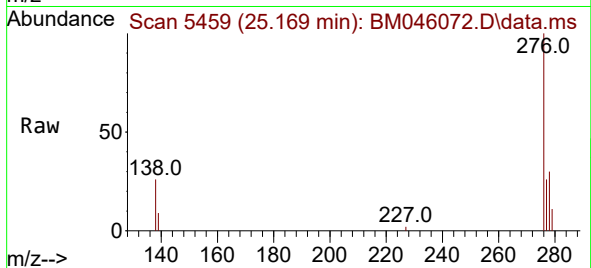
Tgt Ion:278 Resp: 9341

Ion Ratio Lower Upper

278 100

139 29.3 17.6 26.4#

279 37.5 26.3 39.5



#29

Benzo(g,h,i)perylene

Concen: 0.059 ng/ul

RT: 25.796 min Scan# 5646

Delta R.T. -0.034 min

Lab File: BM046072.D

Acq: 19 Jun 2024 04:30

Tgt Ion:276 Resp: 4737

Ion Ratio Lower Upper

276 100

138 38.0 21.7 32.5#

277 36.2 20.4 30.6#

