

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
 Data File : BM042206.D
 Acq On : 05 Oct 2023 03:22
 Operator : MA/JU
 Sample : 04607-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJN4

Quant Time: Oct 05 04:14:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 02 19:28:41 2023
 Response via : Initial Calibration

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

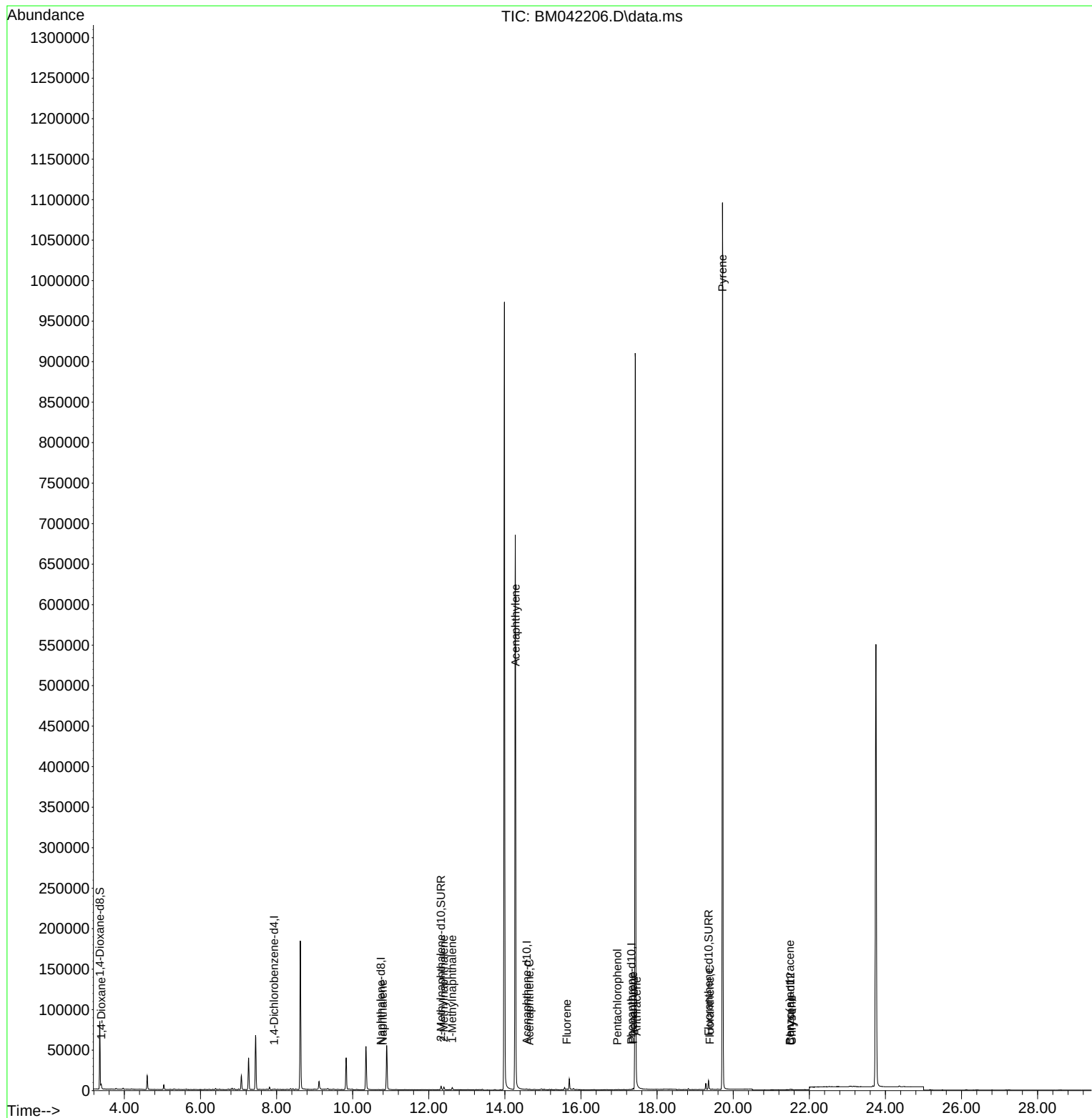
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	53	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.741	136	220	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.573	164	380	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.329	188	631	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.507	240	406	0.400	ng/ul	# 0.00
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.92
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.355	96	43483	616.085	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	5566	18.447	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	9396	6.164	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	3007	40.798	ng/ul#	86
5) Naphthalene	10.790	128	738	1.006	ng/ul#	56
7) 2-Methylnaphthalene	12.396	142	2510	5.712	ng/ul	96
8) 1-Methylnaphthalene	12.616	142	1995	4.507	ng/ul	99
10) Acenaphthylene	14.282	152	224	0.093	ng/ul#	1
11) Acenaphthene	14.643	153	223	0.123	ng/ul#	71
12) Fluorene	15.624	166	554	0.271	ng/ul#	94
14) Pentachlorophenol	16.957	266	56	0.196	ng/ul	97
15) Phenanthrene	17.371	178	1888	0.726	ng/ul#	79
16) Anthracene	17.464	178	194	0.082	ng/ul#	19
19) Fluoranthene	19.385	202	846	0.274	ng/ul#	62
20) Pyrene	19.719	202	3034	0.926	ng/ul#	1
21) Benzo(a)anthracene	21.489	228	557	0.213	ng/ul#	60
22) Chrysene	21.542	228	537	0.210	ng/ul#	65

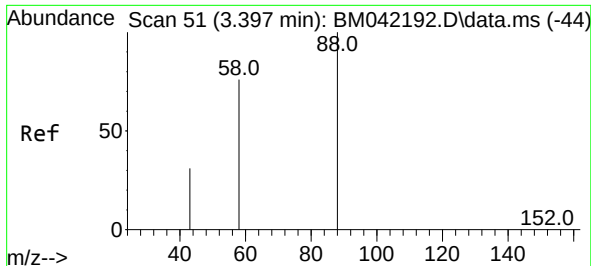
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
Data File : BM042206.D
Acq On : 05 Oct 2023 03:22
Operator : MA/JU
Sample : 04607-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBJN4

Quant Time: Oct 05 04:14:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 19:28:41 2023
Response via : Initial Calibration

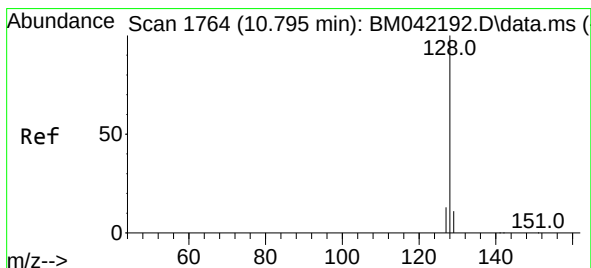
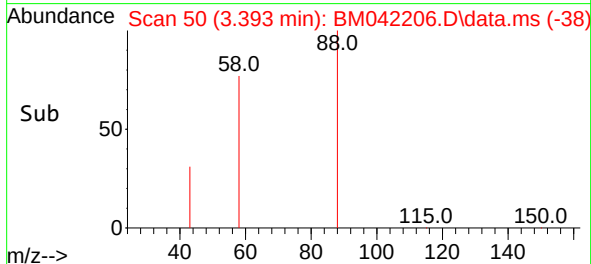
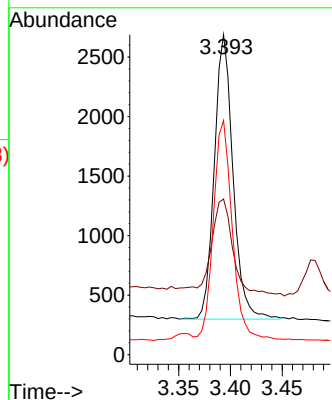
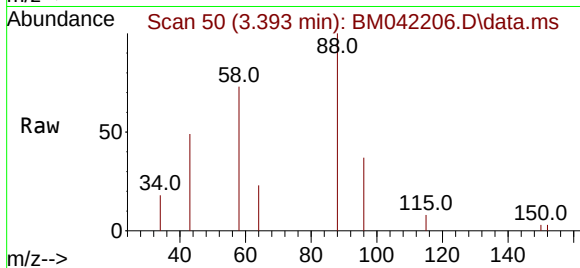




#2
1,4-Dioxane
Concen: 40.798 ng/ul
RT: 3.393 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM042206.D
Acq: 05 Oct 2023 03:22

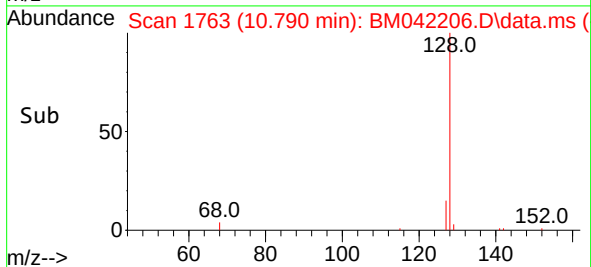
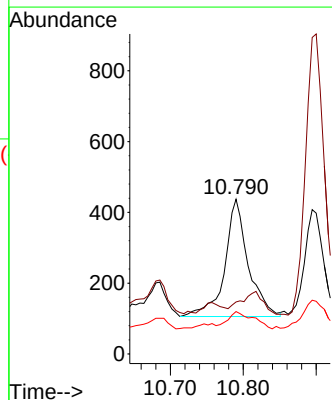
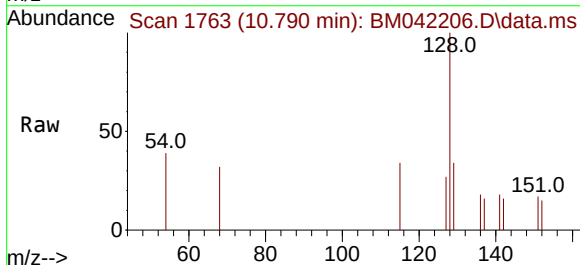
Instrument :
BNA_M
ClientSampleId :
BBJN4

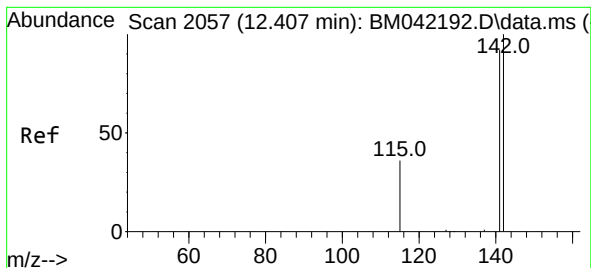
Tgt Ion: 88 Resp: 3007
Ion Ratio Lower Upper
88 100
43 48.7 52.1 78.1#
58 73.2 53.8 80.6



#5
Naphthalene
Concen: 1.006 ng/ul
RT: 10.790 min Scan# 1763
Delta R.T. -0.011 min
Lab File: BM042206.D
Acq: 05 Oct 2023 03:22

Tgt Ion: 128 Resp: 738
Ion Ratio Lower Upper
128 100
129 33.6 9.4 14.2#
127 27.5 11.0 16.4#

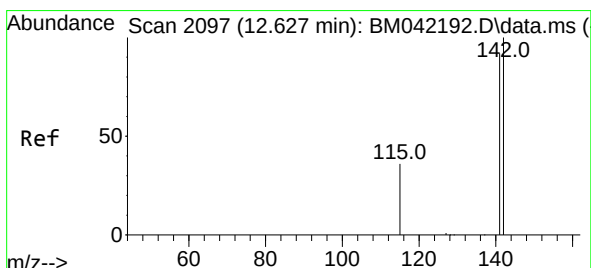
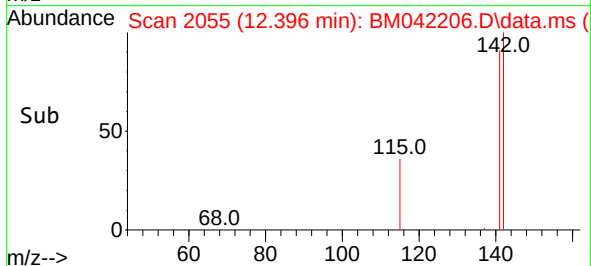
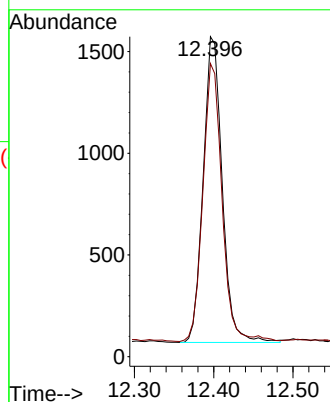
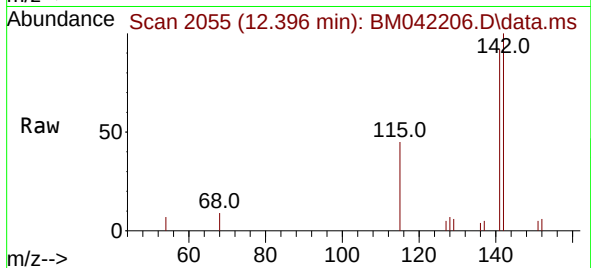




#7
2-Methylnaphthalene
Concen: 5.712 ng/ul
RT: 12.396 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM042206.D
Acq: 05 Oct 2023 03:22

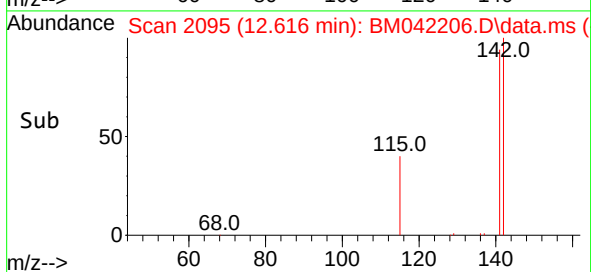
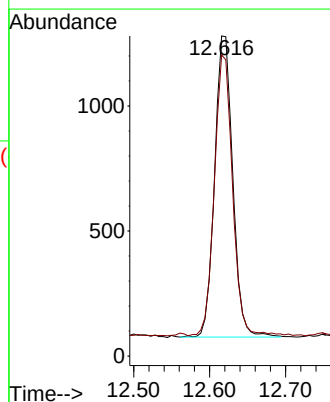
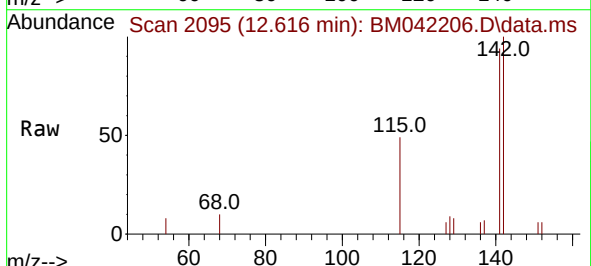
Instrument :
BNA_M
ClientSampleId :
BBJN4

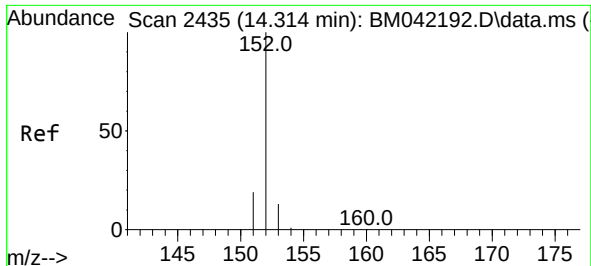
Tgt Ion:142 Resp: 2510
Ion Ratio Lower Upper
142 100
141 91.3 70.2 105.4



#8
1-Methylnaphthalene
Concen: 4.507 ng/ul
RT: 12.616 min Scan# 2095
Delta R.T. -0.011 min
Lab File: BM042206.D
Acq: 05 Oct 2023 03:22

Tgt Ion:142 Resp: 1995
Ion Ratio Lower Upper
142 100
141 93.2 73.5 110.3

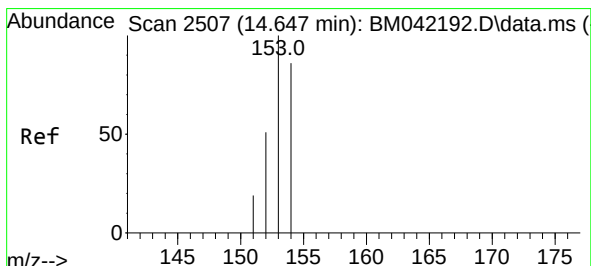
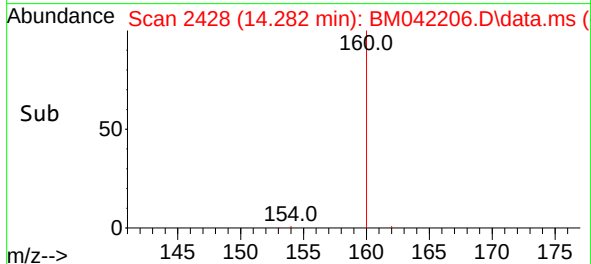
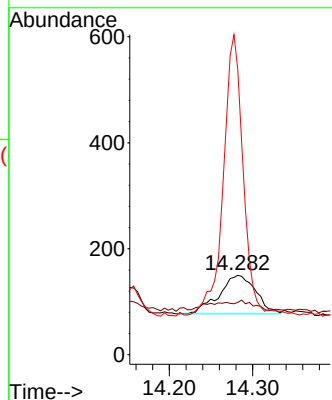
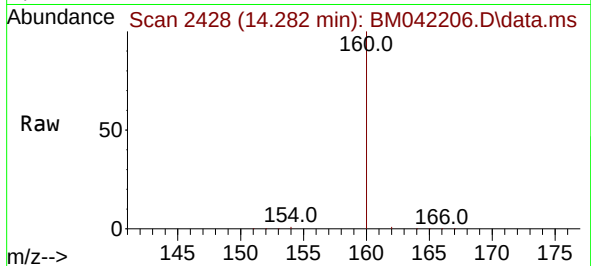




#10
Acenaphthylene
Concen: 0.093 ng/u1
RT: 14.282 min Scan# 2435
Delta R.T. -0.032 min
Lab File: BM042206.D
Acq: 05 Oct 2023 03:22

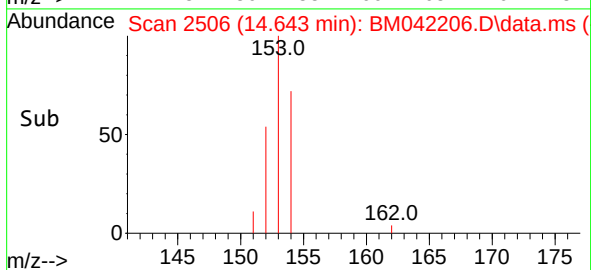
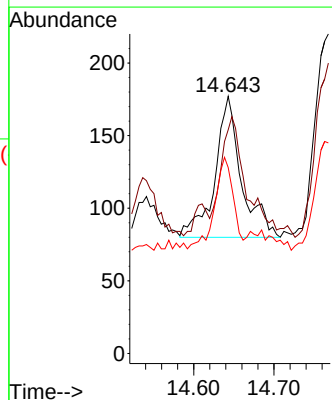
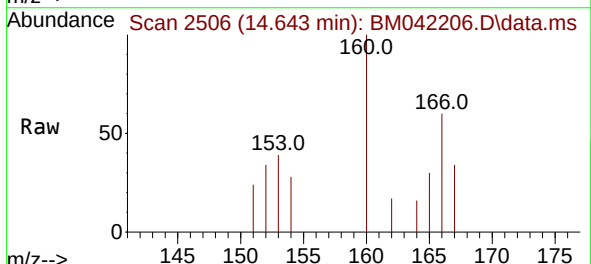
Instrument :
BNA_M
ClientSampleId :
BBJN4

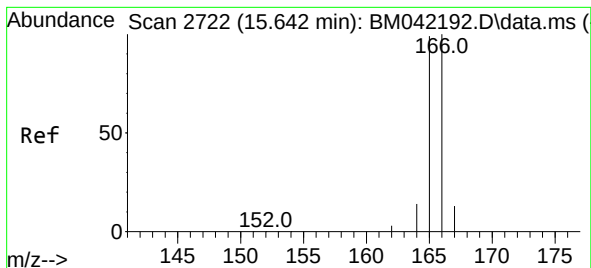
Tgt Ion:152 Resp: 224
Ion Ratio Lower Upper
152 100
151 66.0 16.4 24.6#
153 358.7 10.9 16.3#



#11
Acenaphthene
Concen: 0.123 ng/u1
RT: 14.643 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BM042206.D
Acq: 05 Oct 2023 03:22

Tgt Ion:153 Resp: 223
Ion Ratio Lower Upper
153 100
152 87.0 41.1 61.7#
154 72.3 69.5 104.3





#12

Fluorene

Concen: 0.271 ng/ul

RT: 15.624 min Scan# 21

Delta R.T. -0.014 min

Lab File: BM042206.D

Acq: 05 Oct 2023 03:22

Instrument :

BNA_M

ClientSampleId :

BBJN4

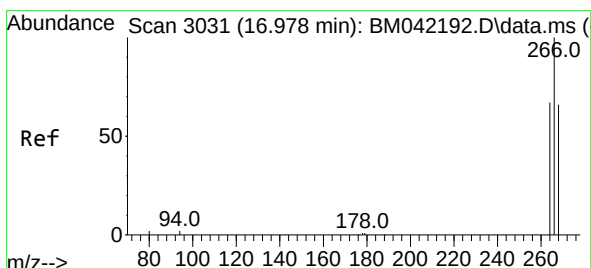
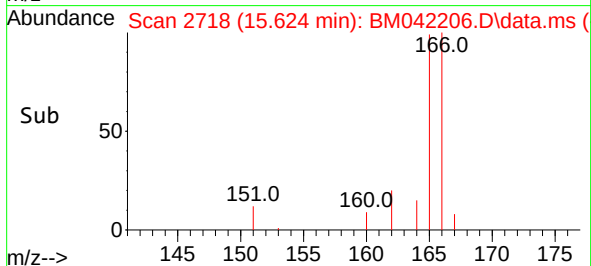
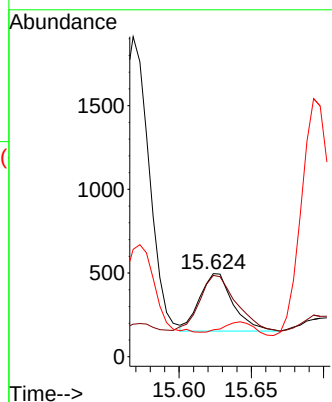
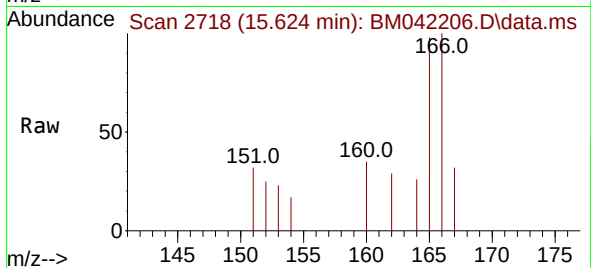
Tgt Ion:166 Resp: 554

Ion Ratio Lower Upper

166 100

165 98.0 78.4 117.6

167 32.5 11.5 17.3#



#14

Pentachlorophenol

Concen: 0.196 ng/ul

RT: 16.957 min Scan# 3026

Delta R.T. -0.021 min

Lab File: BM042206.D

Acq: 05 Oct 2023 03:22

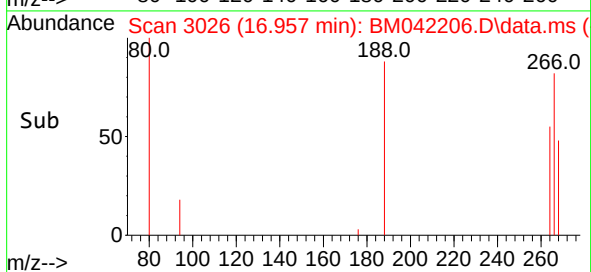
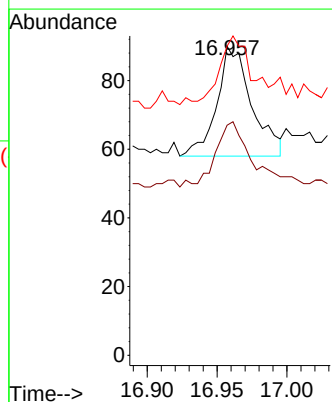
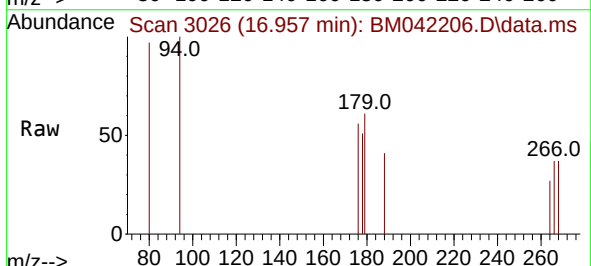
Tgt Ion:266 Resp: 56

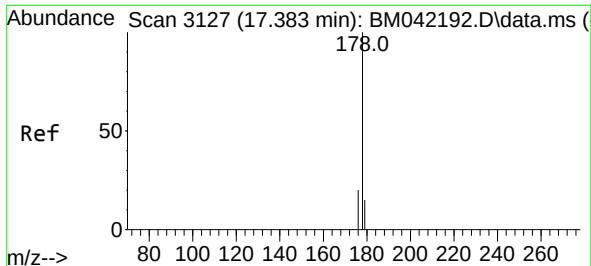
Ion Ratio Lower Upper

266 100

264 62.5 51.1 76.7

268 67.9 52.1 78.1

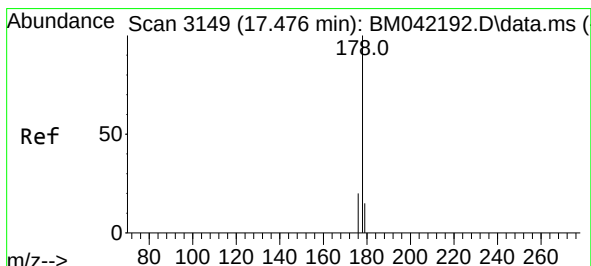
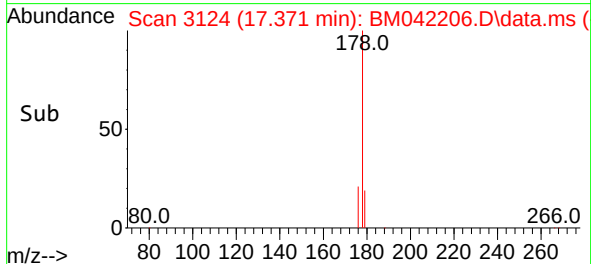
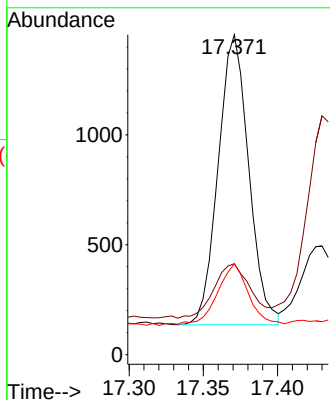
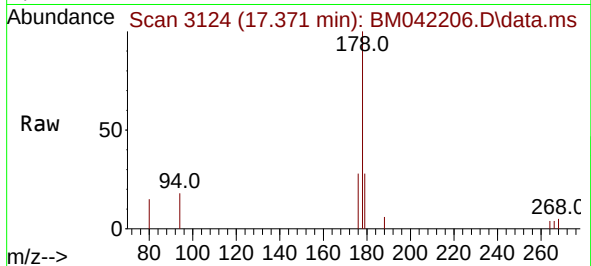




#15
Phenanthrene
Concen: 0.726 ng/ul
RT: 17.371 min Scan# 3124
Delta R.T. -0.013 min
Lab File: BM042206.D
Acq: 05 Oct 2023 03:22

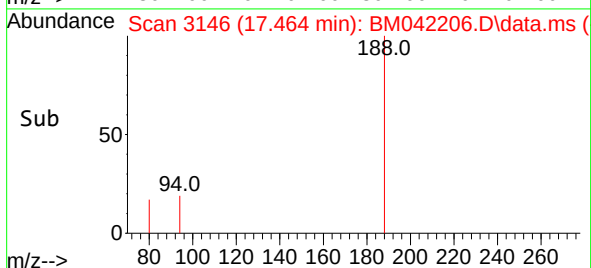
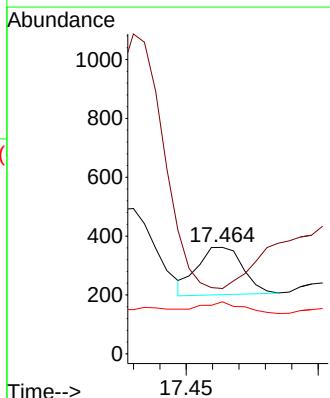
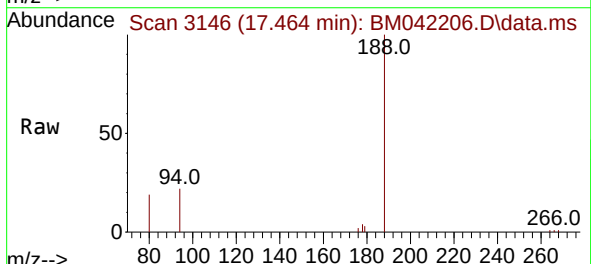
Instrument :
BNA_M
ClientSampleId :
BBJN4

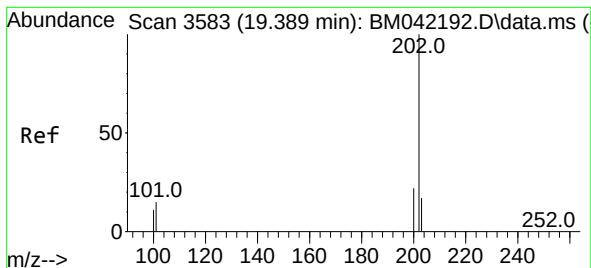
Tgt Ion:178 Resp: 1888
Ion Ratio Lower Upper
178 100
179 28.4 13.0 19.4#
176 28.4 16.8 25.2#



#16
Anthracene
Concen: 0.082 ng/ul
RT: 17.464 min Scan# 3146
Delta R.T. -0.013 min
Lab File: BM042206.D
Acq: 05 Oct 2023 03:22

Tgt Ion:178 Resp: 194
Ion Ratio Lower Upper
178 100
179 61.3 12.9 19.3#
176 48.9 16.3 24.5#





#19

Fluoranthene

Concen: 0.274 ng/ul

RT: 19.385 min Scan# 3

Delta R.T. -0.009 min

Lab File: BM042206.D

Acq: 05 Oct 2023 03:22

Instrument :

BNA_M

ClientSampleId :

BBJN4

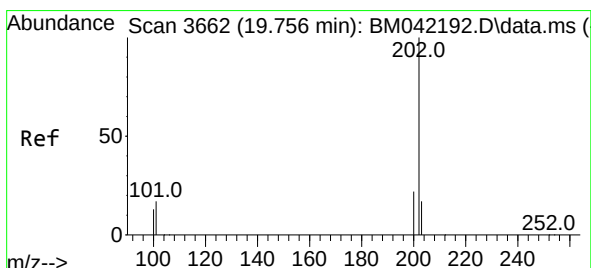
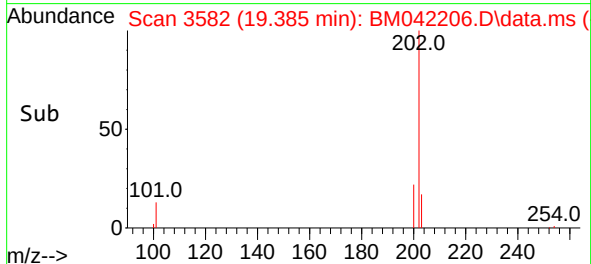
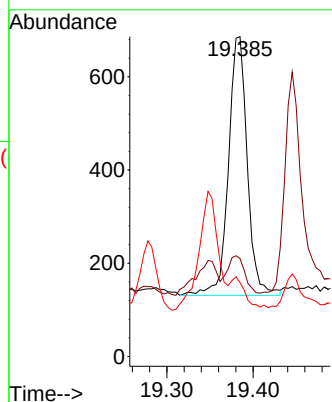
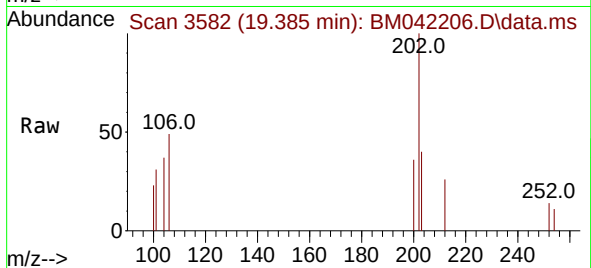
Tgt Ion:202 Resp: 846

Ion Ratio Lower Upper

202 100

101 30.6 11.1 16.7#

100 23.0 8.2 12.2#



#20

Pyrene

Concen: 0.926 ng/ul

RT: 19.719 min Scan# 3654

Delta R.T. -0.042 min

Lab File: BM042206.D

Acq: 05 Oct 2023 03:22

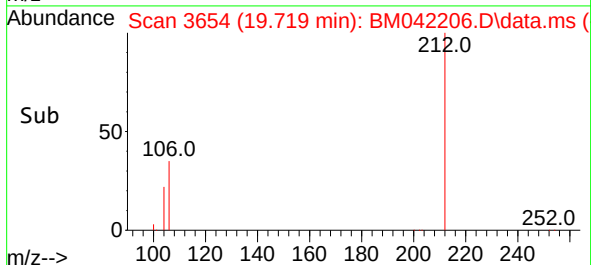
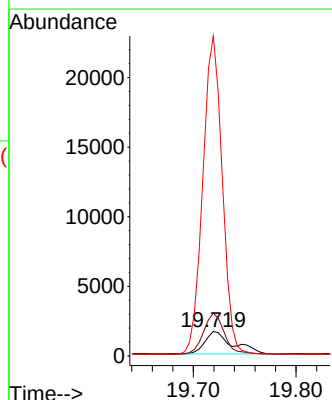
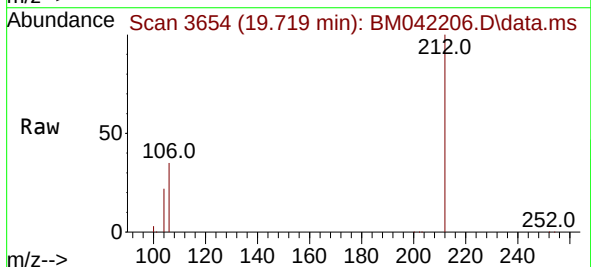
Tgt Ion:202 Resp: 3034

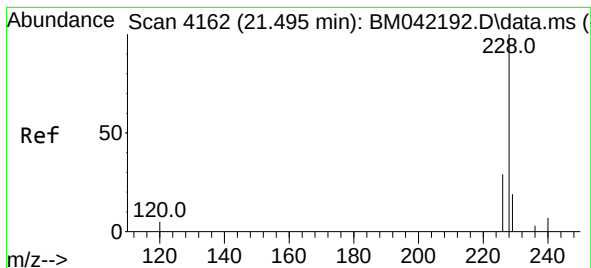
Ion Ratio Lower Upper

202 100

101 175.0 12.7 19.1#

100 1311.1 9.9 14.9#





#21

Benzo(a)anthracene

Concen: 0.213 ng/ul

RT: 21.489 min Scan# 4160

Delta R.T. -0.009 min

Lab File: BM042206.D

Acq: 05 Oct 2023 03:22

Instrument :

BNA_M

ClientSampleId :

BBJN4

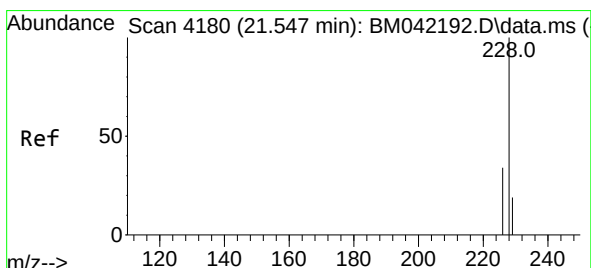
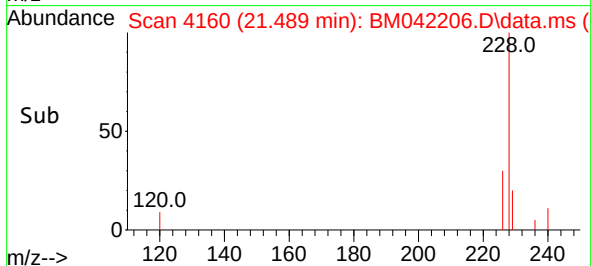
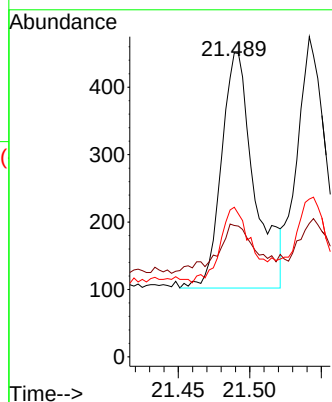
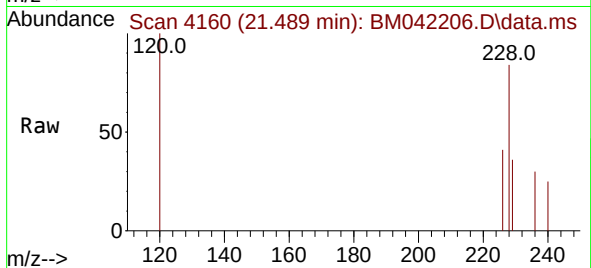
Tgt Ion:228 Resp: 557

Ion Ratio Lower Upper

228 100

229 43.2 15.8 23.8#

226 49.2 24.6 37.0#



#22

Chrysene

Concen: 0.210 ng/ul

RT: 21.542 min Scan# 4178

Delta R.T. -0.012 min

Lab File: BM042206.D

Acq: 05 Oct 2023 03:22

Tgt Ion:228 Resp: 537

Ion Ratio Lower Upper

228 100

226 49.3 26.7 40.1#

229 41.7 15.8 23.8#

