

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090923\
 Data File : BM041764.D
 Acq On : 10 Sep 2023 00:18
 Operator : MA/JU
 Sample : 04247-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJA1

Quant Time: Sep 10 04:49:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 09 23:26:58 2023
 Response via : Initial Calibration

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

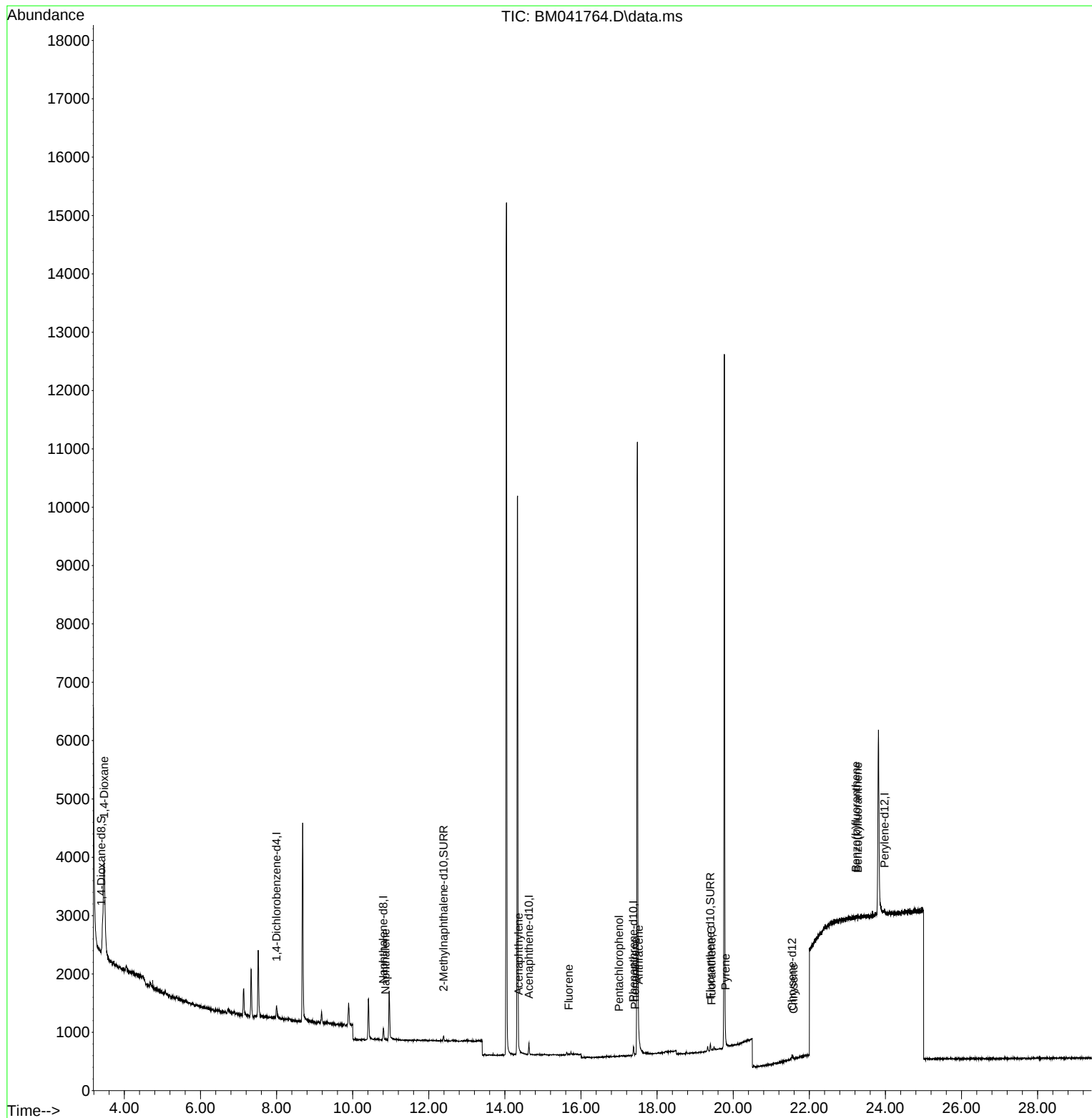
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	112	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.807	136	256	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.634	164	94	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.379	188	175	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.547	240	56	0.400	ng/ul	# 0.00
23) Perylene-d12	23.977	264	55	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	80	0.467	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.385	152	106	0.322	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	103	0.379	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	1303	7.328	ng/ul#	85
5) Naphthalene	10.862	128	21	0.025	ng/ul#	1
10) Acenaphthylene	14.361	152	14	0.024	ng/ul#	1
12) Fluorene	15.679	166	15	0.030	ng/ul#	50
14) Pentachlorophenol	16.999	266	4	0.057	ng/ul#	52
15) Phenanthrene	17.421	178	30	0.041	ng/ul#	1
16) Anthracene	17.519	178	22	0.035	ng/ul#	1
19) Fluoranthene	19.431	202	24	0.036	ng/ul#	1
20) Pyrene	19.798	202	20	0.030	ng/ul#	1
22) Chrysene	21.585	228	17	0.035	ng/ul#	1
24) Benzo(b)fluoranthene	23.228	252	13	0.026	ng/ul#	1
25) Benzo(k)fluoranthene	23.275	252	18	0.037	ng/ul#	1

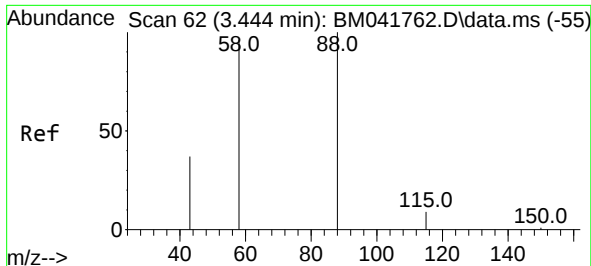
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 10 04:49:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
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Response via : Initial Calibration

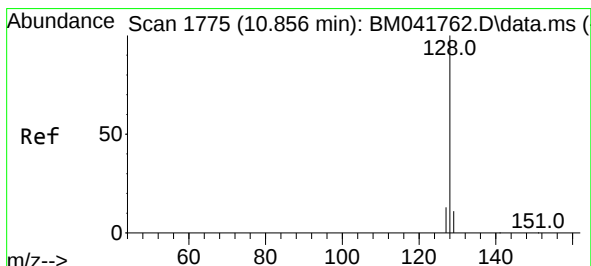
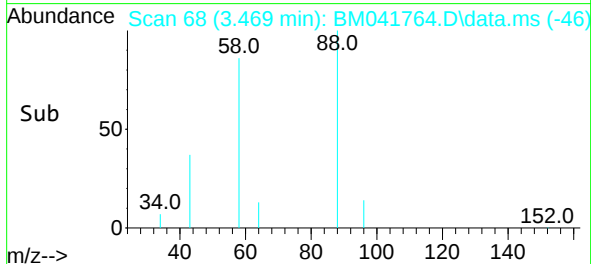
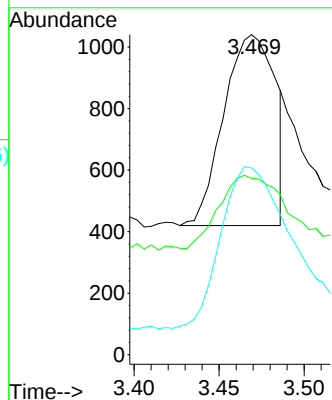
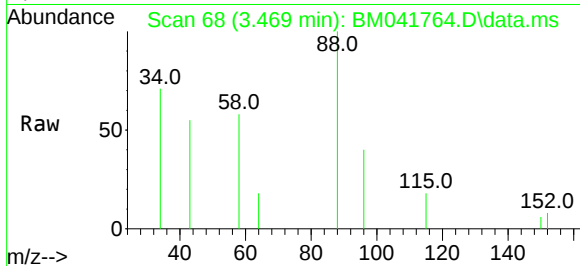




#2
1,4-Dioxane
Concen: 7.328 ng/ul
RT: 3.469 min Scan# 61
Delta R.T. 0.034 min
Lab File: BM041764.D
Acq: 10 Sep 2023 00:18

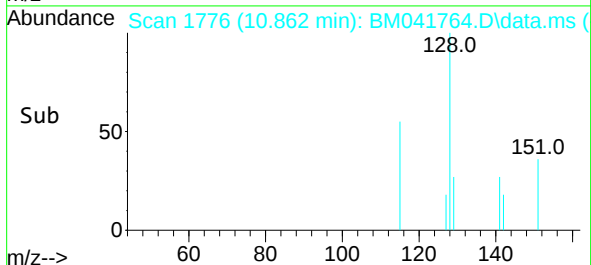
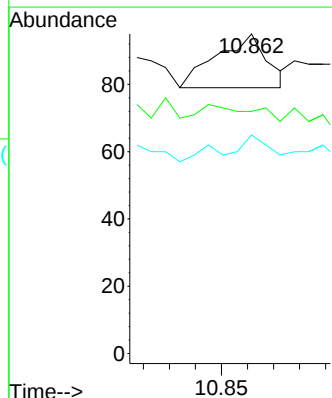
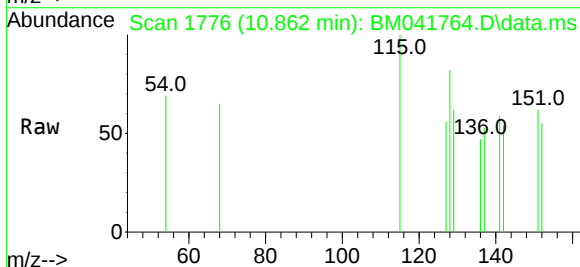
Instrument :
BNA_M
ClientSampleId :
BBJA1

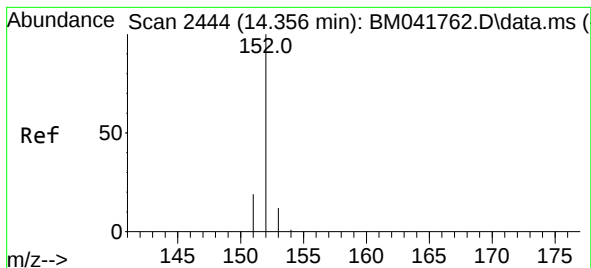
Tgt Ion: 88 Resp: 1303
Ion Ratio Lower Upper
88 100
43 55.1 33.8 50.6#
58 58.4 54.2 81.2



#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. 0.006 min
Lab File: BM041764.D
Acq: 10 Sep 2023 00:18

Tgt Ion: 128 Resp: 21
Ion Ratio Lower Upper
128 100
129 75.8 9.4 14.0#
127 68.4 11.0 16.6#





#10

Acenaphthylene

Concen: 0.024 ng/ul

RT: 14.361 min Scan# 2444

Delta R.T. 0.000 min

Lab File: BM041764.D

Acq: 10 Sep 2023 00:18

Instrument :

BNA_M

ClientSampleId :

BBJA1

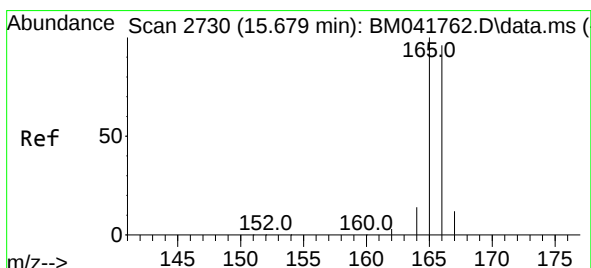
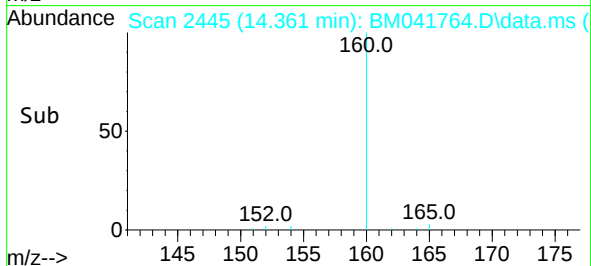
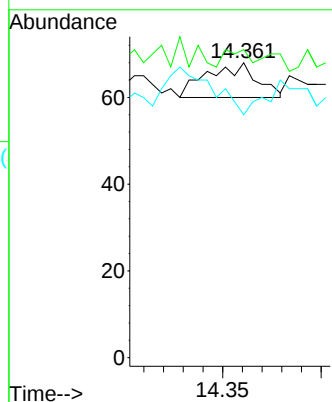
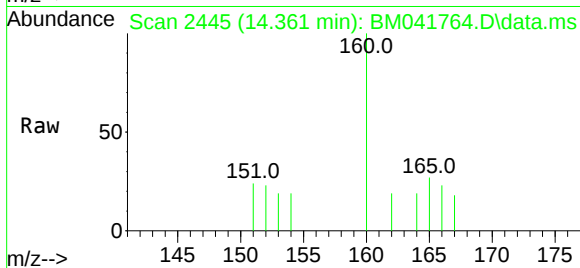
Tgt Ion:152 Resp: 14

Ion Ratio Lower Upper

152 100

151 104.4 16.4 24.6#

153 82.4 11.1 16.7#



#12

Fluorene

Concen: 0.030 ng/ul

RT: 15.679 min Scan# 2730

Delta R.T. 0.000 min

Lab File: BM041764.D

Acq: 10 Sep 2023 00:18

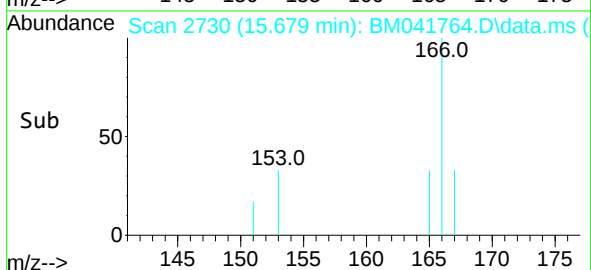
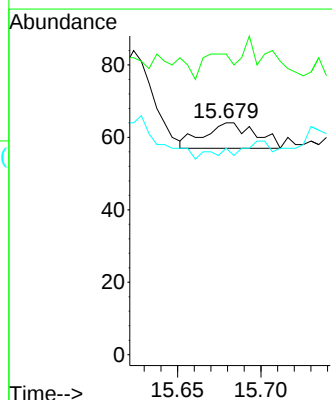
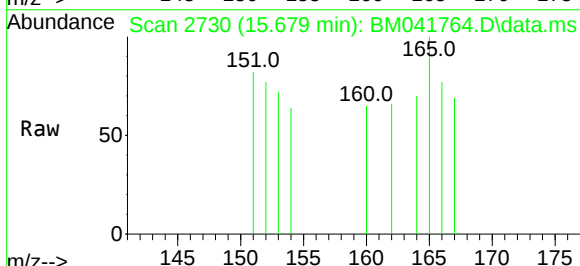
Tgt Ion:166 Resp: 15

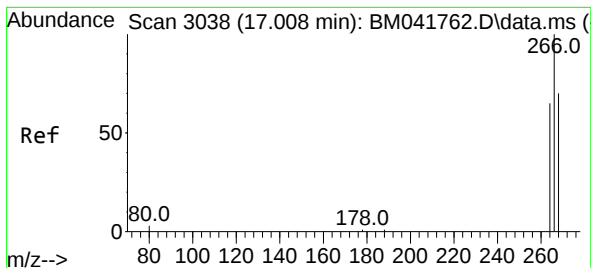
Ion Ratio Lower Upper

166 100

165 129.7 79.4 119.2#

167 89.1 11.3 16.9#





#14

Pentachlorophenol

Concen: 0.057 ng/ul

RT: 16.999 min Scan# 3036

Delta R.T. -0.004 min

Lab File: BM041764.D

Acq: 10 Sep 2023 00:18

Instrument :

BNA_M

ClientSampleId :

BBJA1

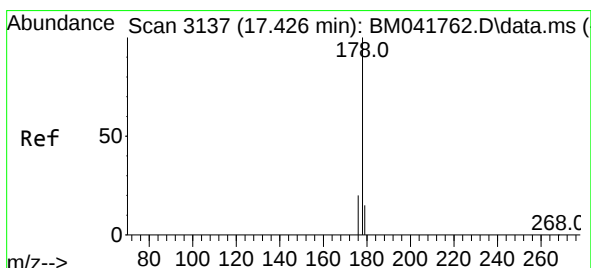
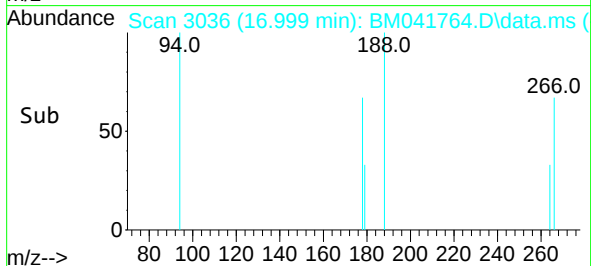
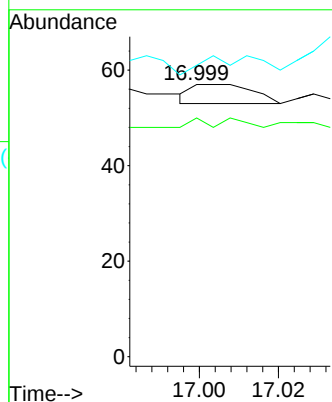
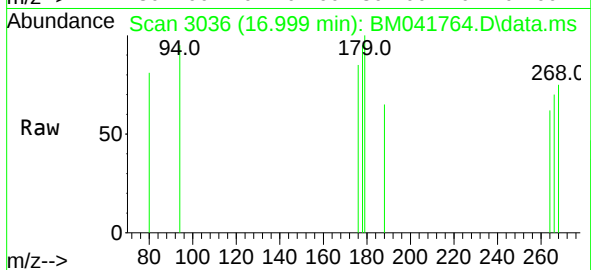
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 25.0 50.0 75.0#

268 100.0 50.8 76.2#



#15

Phenanthrene

Concen: 0.041 ng/ul

RT: 17.421 min Scan# 3136

Delta R.T. -0.004 min

Lab File: BM041764.D

Acq: 10 Sep 2023 00:18

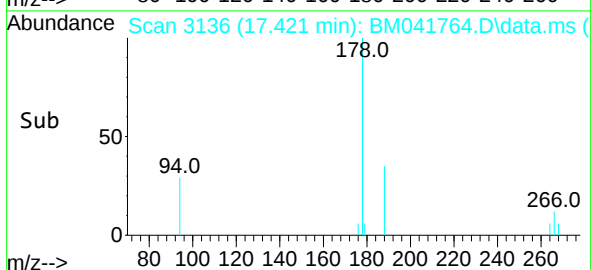
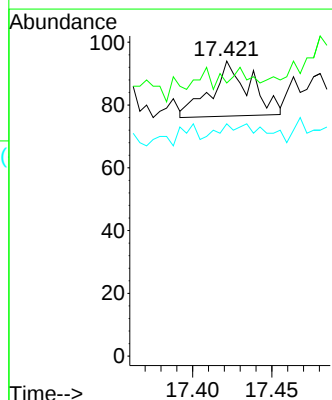
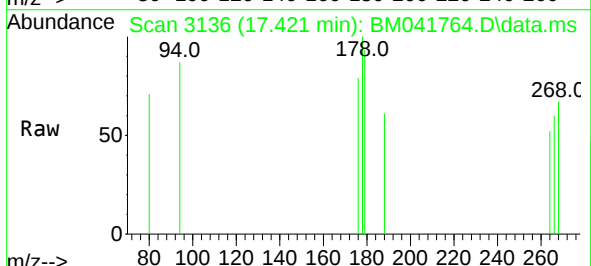
Tgt Ion:178 Resp: 30

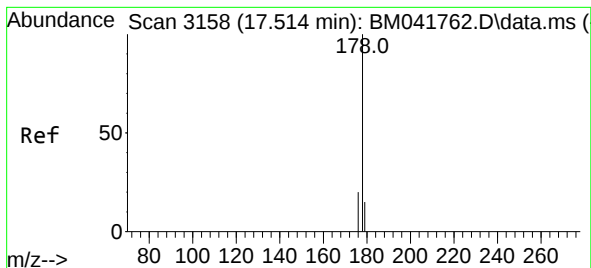
Ion Ratio Lower Upper

178 100

179 92.6 12.9 19.3#

176 78.7 16.9 25.3#





#16

Anthracene

Concen: 0.035 ng/u1

RT: 17.519 min Scan# 3159

Delta R.T. 0.004 min

Lab File: BM041764.D

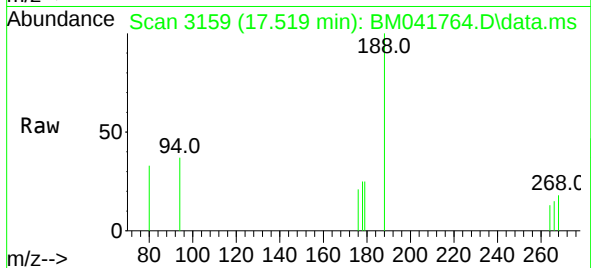
Acq: 10 Sep 2023 00:18

Instrument :

BNA_M

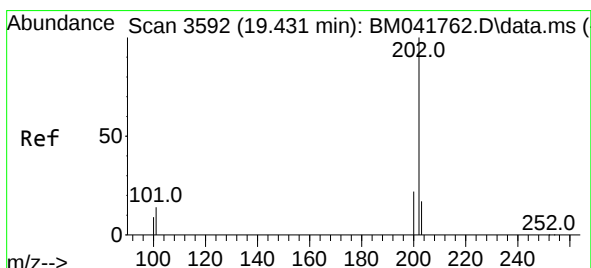
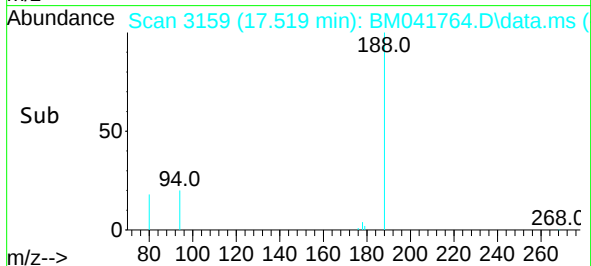
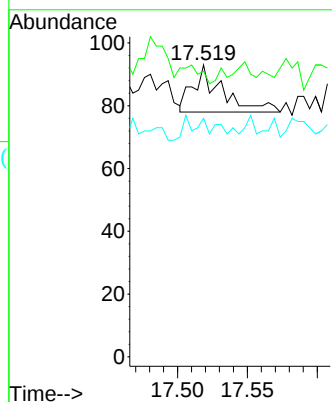
ClientSampleId :

BBJA1



Tgt Ion:178 Resp: 22

Ion	Ratio	Lower	Upper
178	100		
179	97.8	12.9	19.3#
176	81.7	15.8	23.8#



#19

Fluoranthene

Concen: 0.036 ng/u1

RT: 19.431 min Scan# 3592

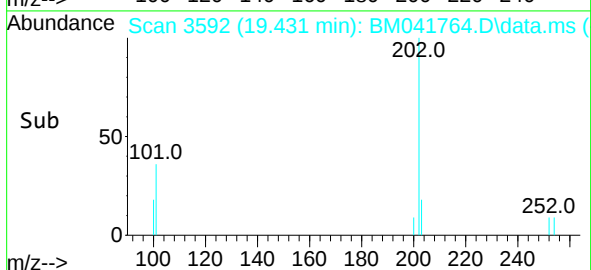
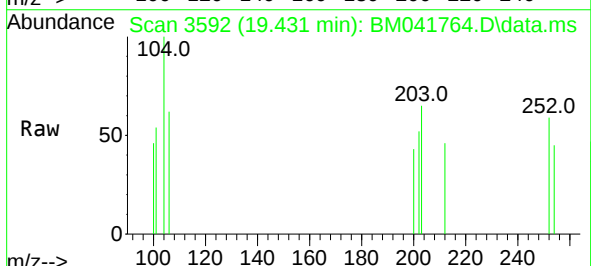
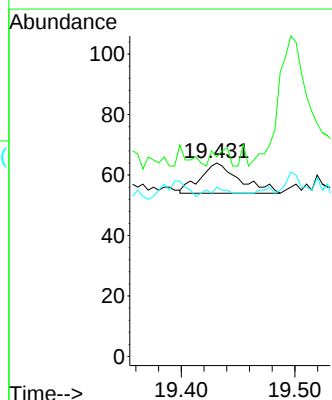
Delta R.T. 0.000 min

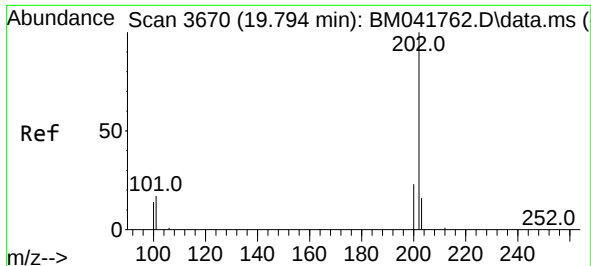
Lab File: BM041764.D

Acq: 10 Sep 2023 00:18

Tgt Ion:202 Resp: 24

Ion	Ratio	Lower	Upper
202	100		
101	103.1	10.5	15.7#
100	87.5	8.4	12.6#

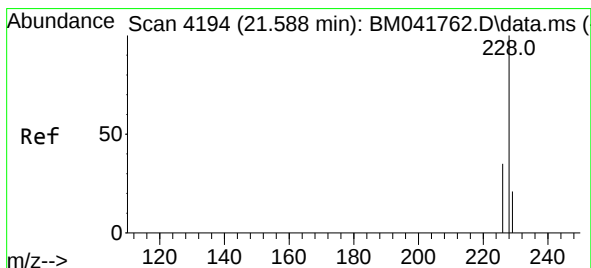
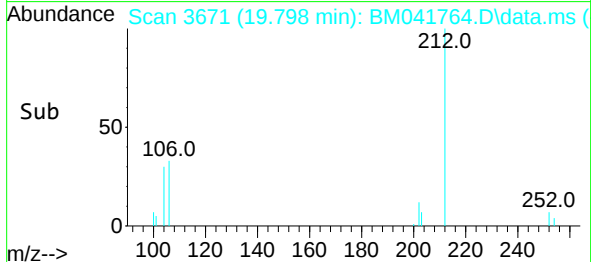
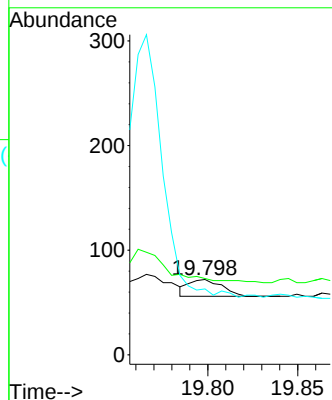
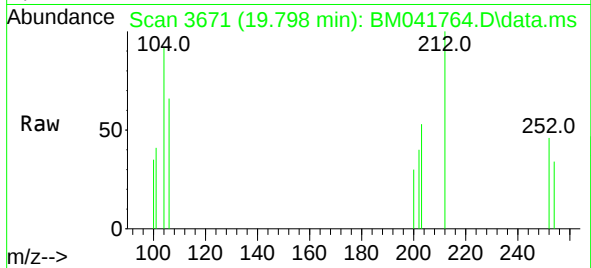




#20
Pyrene
Concen: 0.030 ng/u1
RT: 19.798 min Scan# 3671
Delta R.T. 0.000 min
Lab File: BM041764.D
Acq: 10 Sep 2023 00:18

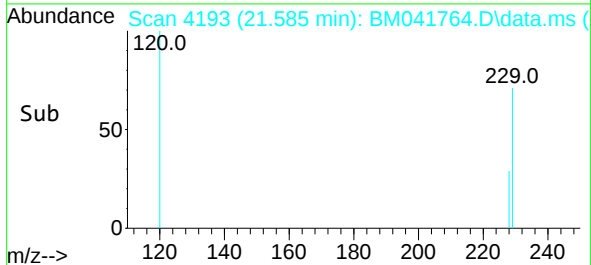
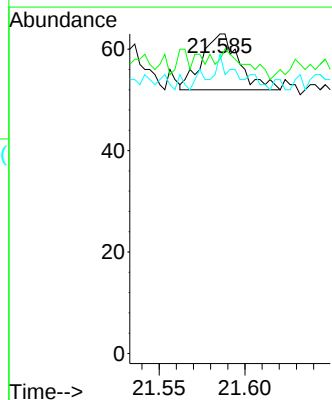
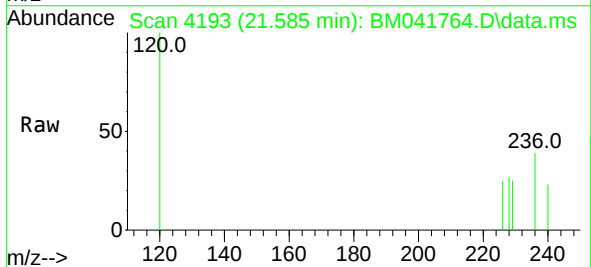
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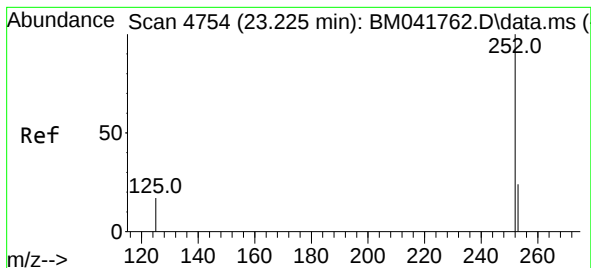
Tgt Ion:202 Resp: 20
Ion Ratio Lower Upper
202 100
101 101.4 11.8 17.8#
100 87.5 9.8 14.6#



#22
Chrysene
Concen: 0.035 ng/u1
RT: 21.585 min Scan# 4193
Delta R.T. 0.000 min
Lab File: BM041764.D
Acq: 10 Sep 2023 00:18

Tgt Ion:228 Resp: 17
Ion Ratio Lower Upper
228 100
226 92.1 27.0 40.6#
229 93.7 15.4 23.2#





#24

Benzo(b)fluoranthene

Concen: 0.026 ng/ul

RT: 23.228 min Scan# 4755

Delta R.T. 0.003 min

Lab File: BM041764.D

Acq: 10 Sep 2023 00:18

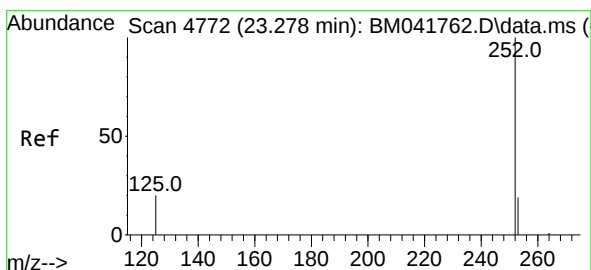
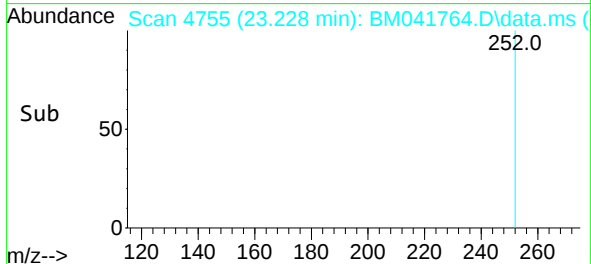
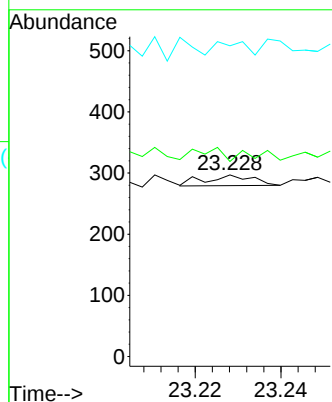
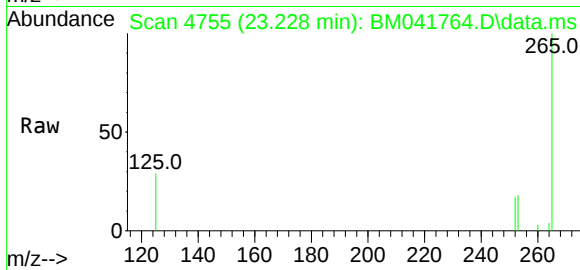
Instrument :

BNA_M

ClientSampleId :

BBJA1

Tgt Ion:252	Resp:	13
Ion	Ratio	Lower Upper
252	100	
253	107.4	0.0 52.4#
125	171.0	0.0 42.8#



#25

Benzo(k)fluoranthene

Concen: 0.037 ng/ul

RT: 23.275 min Scan# 4771

Delta R.T. 0.000 min

Lab File: BM041764.D

Acq: 10 Sep 2023 00:18

Tgt Ion:252	Resp:	18
Ion	Ratio	Lower Upper
252	100	
253	119.9	21.3 31.9#
125	170.9	17.4 26.0#

