

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043046.D
 Acq On : 27 Nov 2023 12:22
 Operator : MA/JU
 Sample : 05261-02DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKV2DL

Quant Time: Nov 27 12:54:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

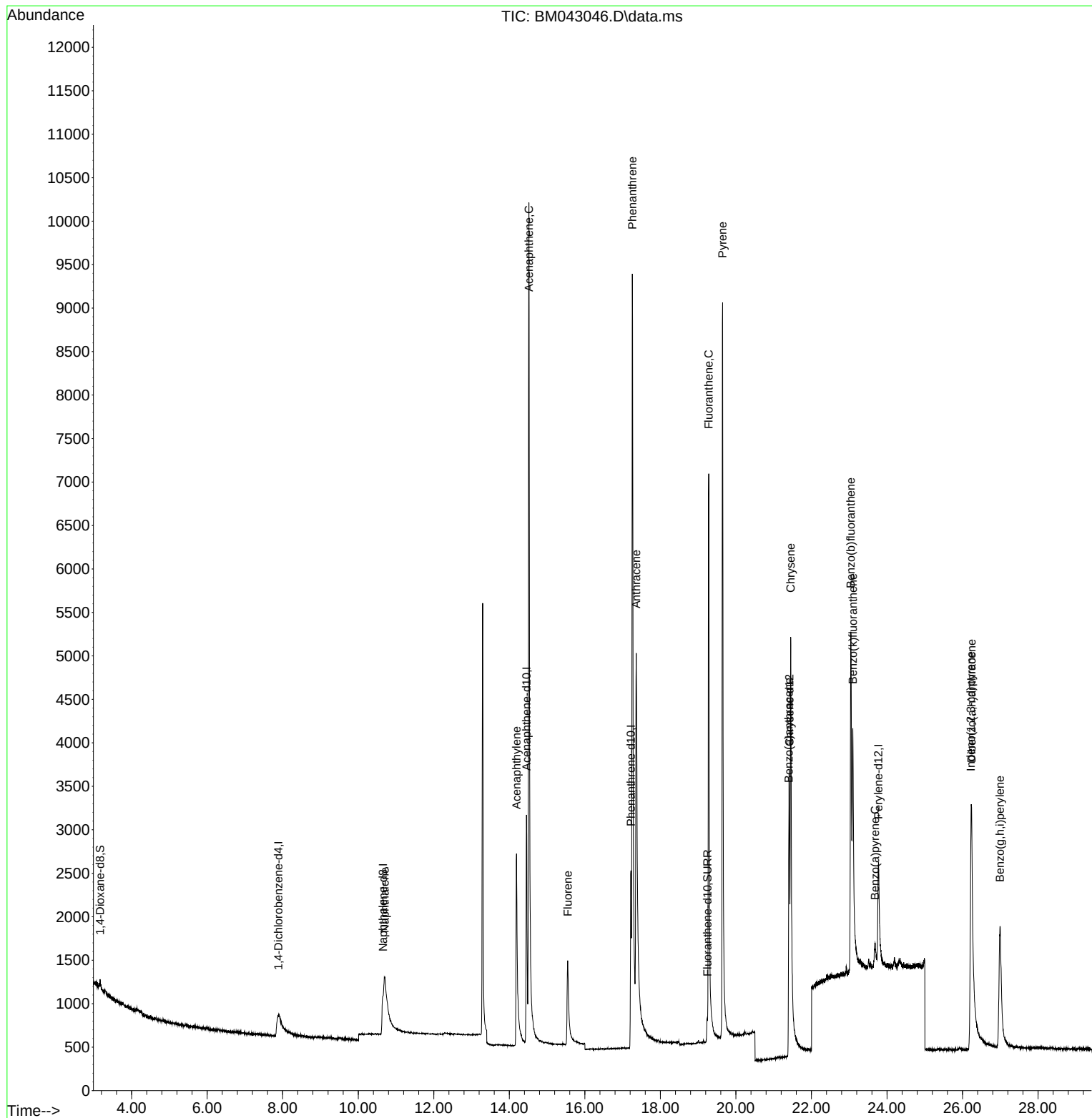
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.889	152	765	0.400	ng/ul	0.00
4) Naphthalene-d8	10.655	136	2623	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.454	164	1848	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.220	188	3978	0.400	ng/ul	-0.02
17) Chrysene-d12	21.415	240	2476	0.400	ng/ul	0.00
23) Perylene-d12	23.774	264	2609	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	136	0.116	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.283	152	70	0.020	ng/ul	0.03
18) Fluoranthene-d10	19.247	212	318	0.035	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.704	128	2237	0.314	ng/ul	92
10) Acenaphthylene	14.191	152	4643	0.492	ng/ul	97
11) Acenaphthene	14.519	153	7676	1.074	ng/ul	97
12) Fluorene	15.546	166	1341	0.183	ng/ul#	95
15) Phenanthrene	17.258	178	13246	1.167	ng/ul	93
16) Anthracene	17.359	178	10517	0.978	ng/ul	91
19) Fluoranthene	19.280	202	8552	0.609	ng/ul#	94
20) Pyrene	19.647	202	10576	0.708	ng/ul#	94
21) Benzo(a)anthracene	21.400	228	2575	0.321	ng/ul	98
22) Chrysene	21.450	228	7096	0.474	ng/ul	97
24) Benzo(b)fluoranthene	23.040	252	6684	0.759	ng/ul	88
25) Benzo(k)fluoranthene	23.095	252	6020	0.496	ng/ul	93
26) Benzo(a)pyrene	23.683	252	751	0.078	ng/ul#	52
27) Indeno(1,2,3-cd)pyrene	26.225	276	5956	0.458	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.239	278	4622	0.459	ng/ul#	89
29) Benzo(g,h,i)perylene	26.993	276	4745	0.375	ng/ul	97

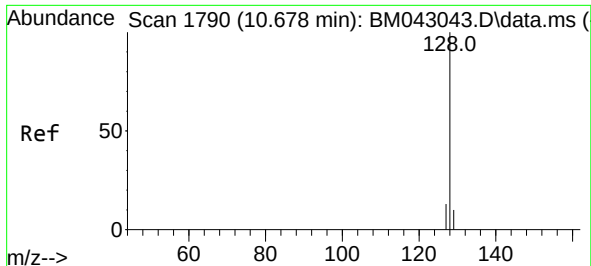
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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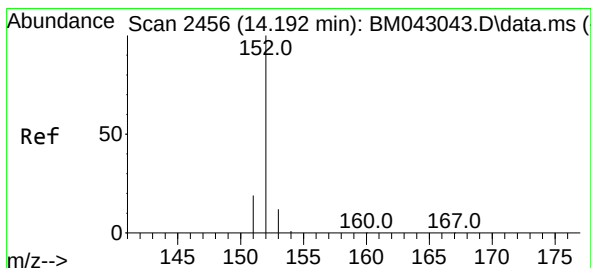
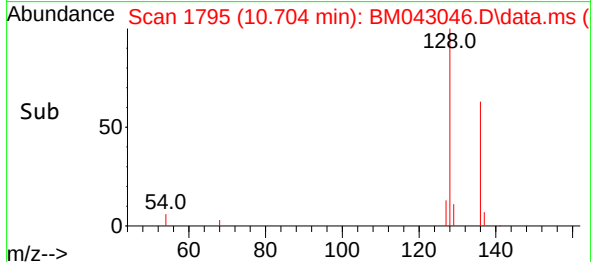
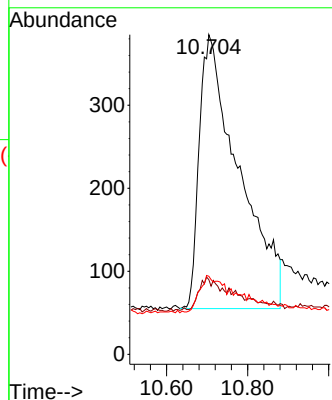
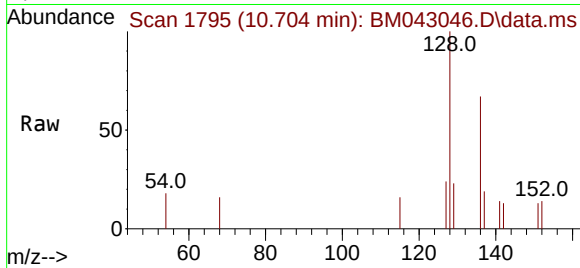




#5
Naphthalene
Concen: 0.314 ng/ul
RT: 10.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM043046.D
Acq: 27 Nov 2023 12:22

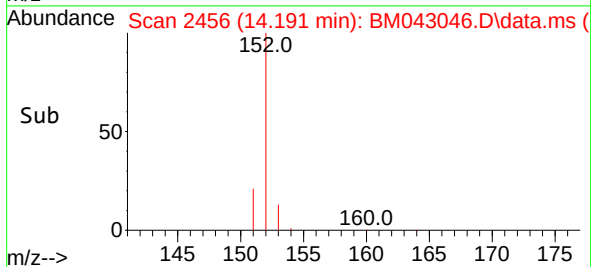
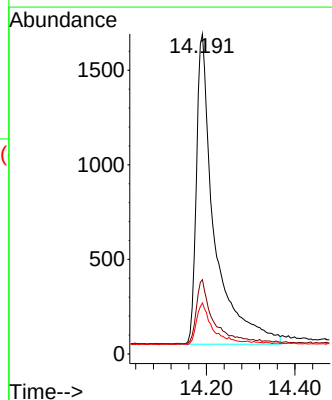
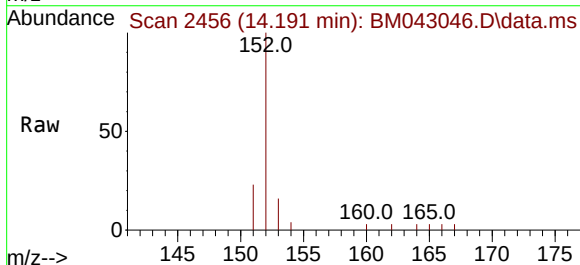
Instrument :
BNA_M
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DCKV2DL

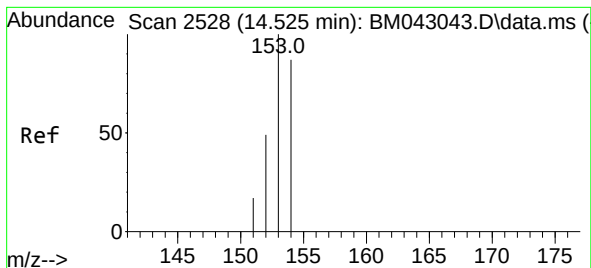
Tgt Ion:128 Resp: 2237
Ion Ratio Lower Upper
128 100
129 23.4 16.0 24.0
127 24.4 16.5 24.7



#10
Acenaphthylene
Concen: 0.492 ng/ul
RT: 14.191 min Scan# 2456
Delta R.T. -0.014 min
Lab File: BM043046.D
Acq: 27 Nov 2023 12:22

Tgt Ion:152 Resp: 4643
Ion Ratio Lower Upper
152 100
151 23.2 19.4 29.0
153 16.0 14.6 21.8





#11

Acenaphthene

Concen: 1.074 ng/ul

RT: 14.519 min Scan# 21

Delta R.T. -0.014 min

Lab File: BM043046.D

Acq: 27 Nov 2023 12:22

Instrument :

BNA_M

ClientSampleId :

DCKV2DL

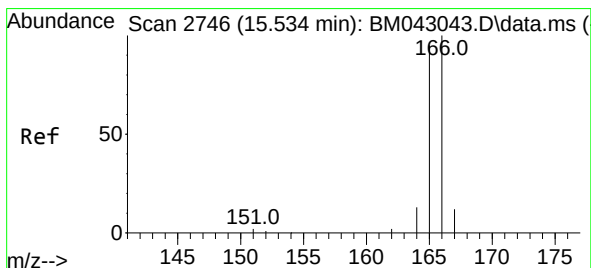
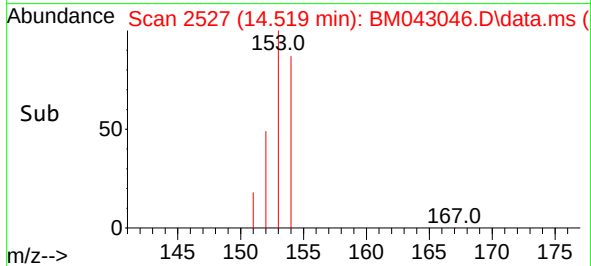
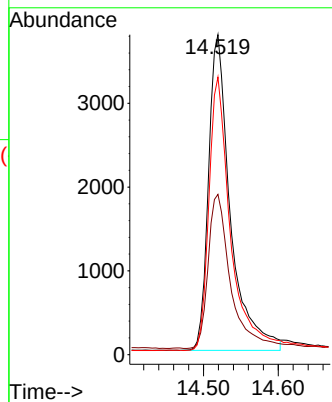
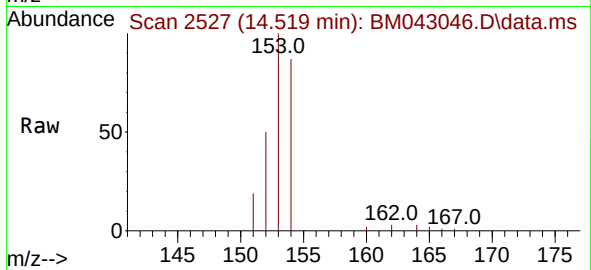
Tgt Ion:153 Resp: 7676

Ion Ratio Lower Upper

153 100

152 50.1 43.9 65.9

154 86.8 70.6 105.8



#12

Fluorene

Concen: 0.183 ng/ul

RT: 15.546 min Scan# 2749

Delta R.T. 0.009 min

Lab File: BM043046.D

Acq: 27 Nov 2023 12:22

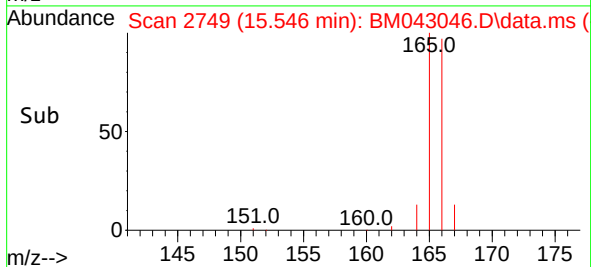
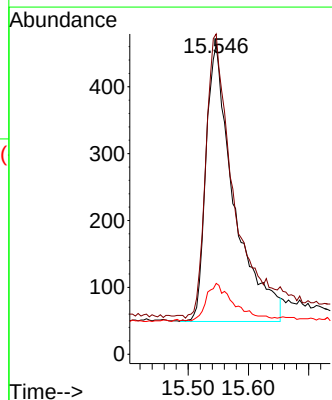
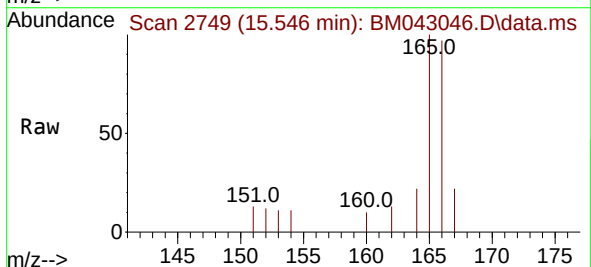
Tgt Ion:166 Resp: 1341

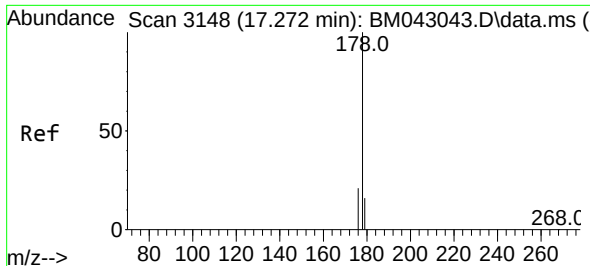
Ion Ratio Lower Upper

166 100

165 103.5 79.9 119.9

167 22.9 14.2 21.4#

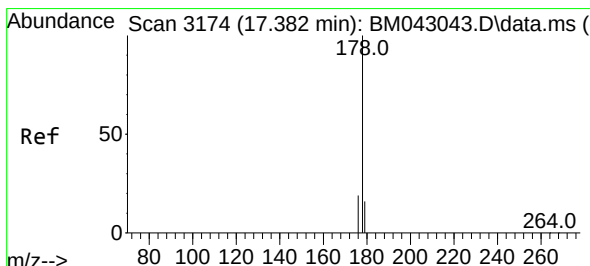
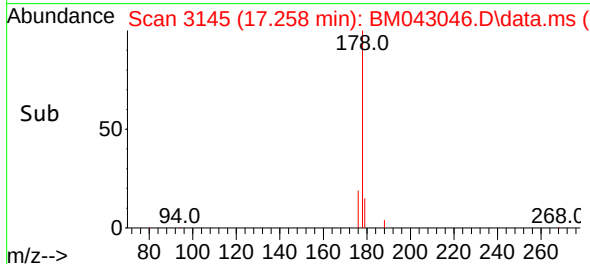
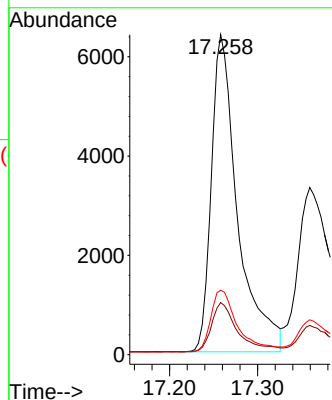
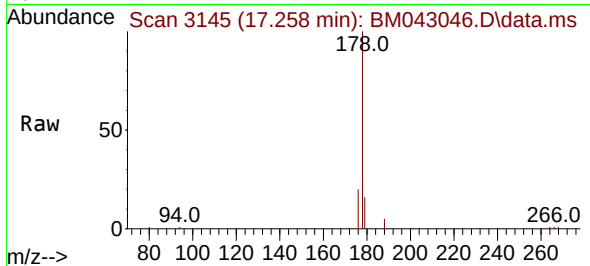




#15
Phenanthrene
Concen: 1.167 ng/ul
RT: 17.258 min Scan# 3145
Delta R.T. -0.021 min
Lab File: BM043046.D
Acq: 27 Nov 2023 12:22

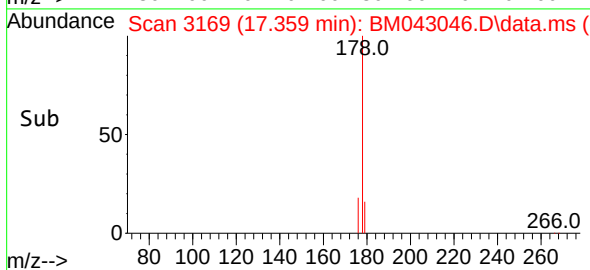
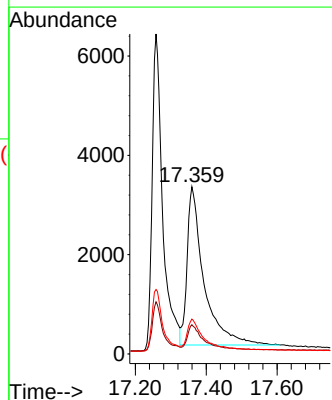
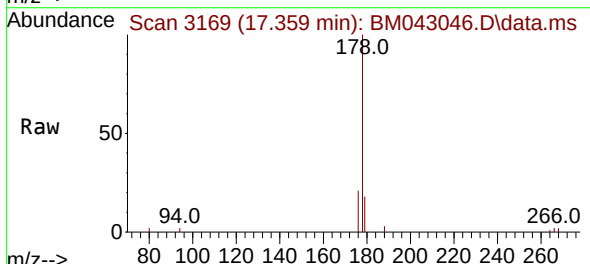
Instrument :
BNA_M
ClientSampleId :
DCKV2DL

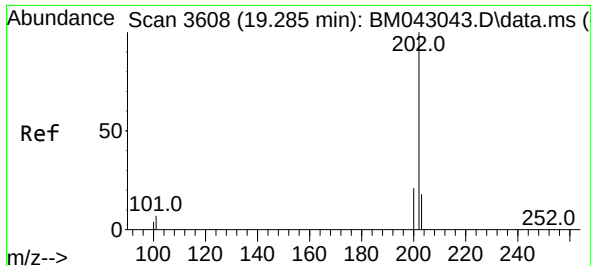
Tgt Ion:178 Resp: 13246
Ion Ratio Lower Upper
178 100
179 16.3 15.7 23.5
176 20.1 18.9 28.3



#16
Anthracene
Concen: 0.978 ng/ul
RT: 17.359 min Scan# 3169
Delta R.T. -0.034 min
Lab File: BM043046.D
Acq: 27 Nov 2023 12:22

Tgt Ion:178 Resp: 10517
Ion Ratio Lower Upper
178 100
179 17.5 17.3 25.9
176 20.9 20.5 30.7

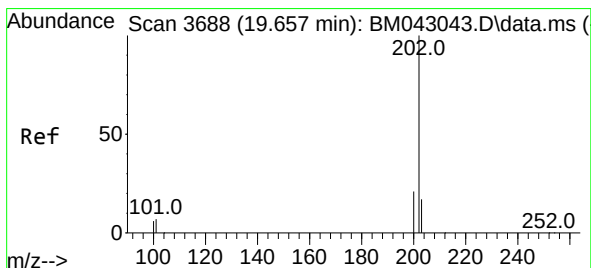
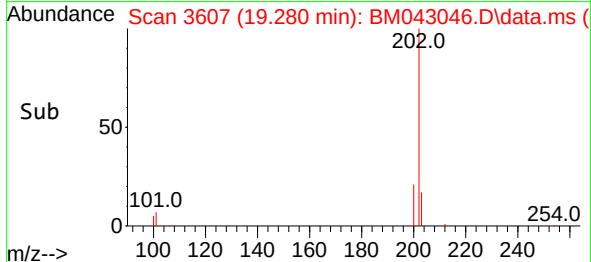
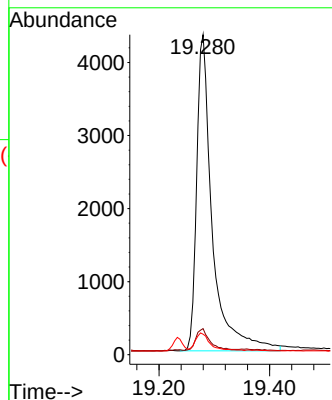
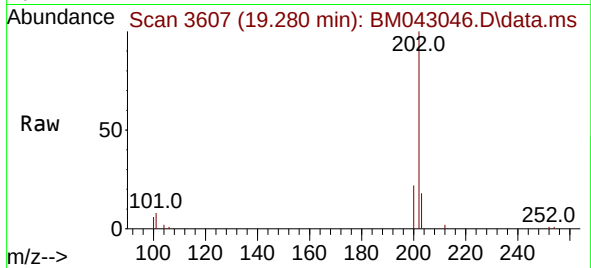




#19
Fluoranthene
Concen: 0.609 ng/u1
RT: 19.280 min Scan# 3607
Delta R.T. -0.014 min
Lab File: BM043046.D
Acq: 27 Nov 2023 12:22

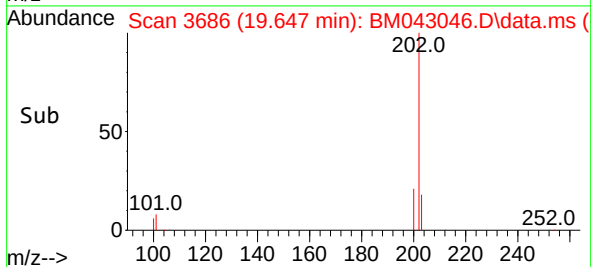
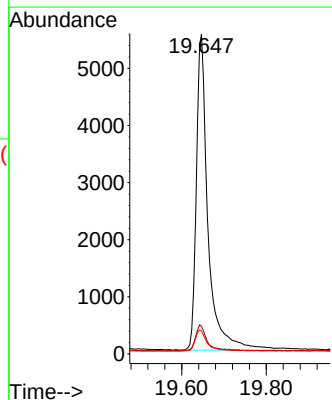
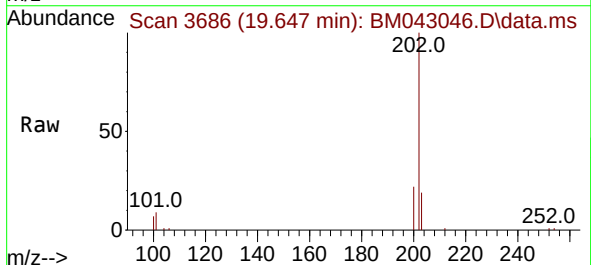
Instrument :
BNA_M
ClientSampleId :
DCKV2DL

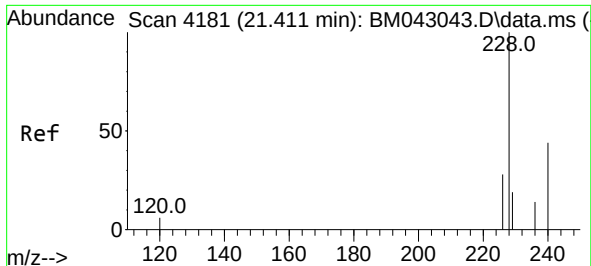
Tgt Ion:202 Resp: 8552
Ion Ratio Lower Upper
202 100
101 8.2 7.8 11.8
100 6.4 7.1 10.7#



#20
Pyrene
Concen: 0.708 ng/u1
RT: 19.647 min Scan# 3686
Delta R.T. -0.014 min
Lab File: BM043046.D
Acq: 27 Nov 2023 12:22

Tgt Ion:202 Resp: 10576
Ion Ratio Lower Upper
202 100
101 8.7 8.7 13.1#
100 7.2 7.8 11.8#

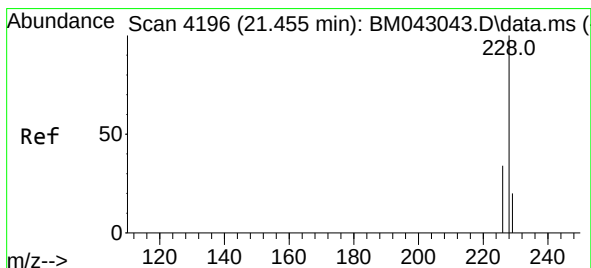
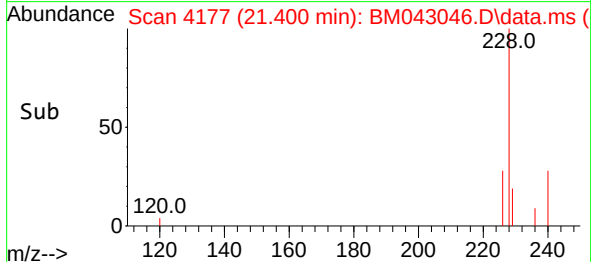
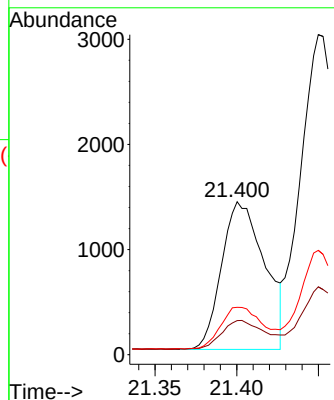
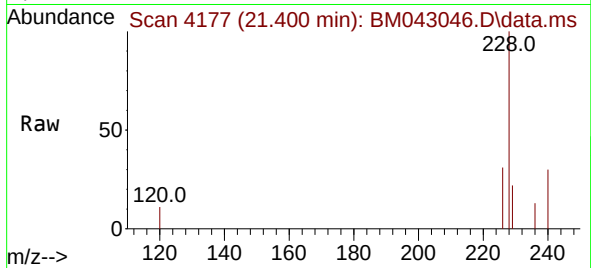




#21
Benzo(a)anthracene
Concen: 0.321 ng/ul
RT: 21.400 min Scan# 411
Delta R.T. -0.012 min
Lab File: BM043046.D
Acq: 27 Nov 2023 12:22

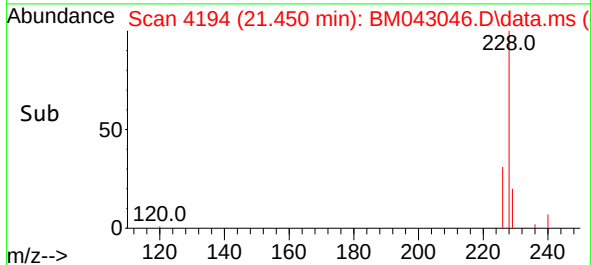
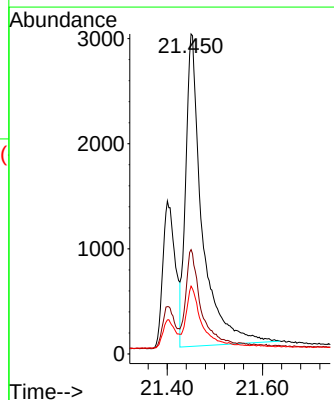
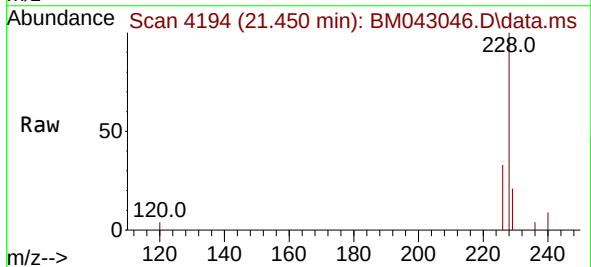
Instrument :
BNA_M
ClientSampleId :
DCKV2DL

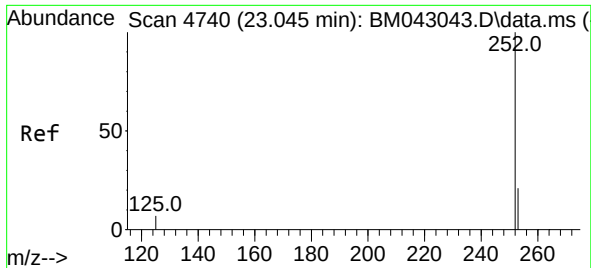
Tgt Ion:228 Resp: 2575
Ion Ratio Lower Upper
228 100
229 22.3 19.4 29.0
226 31.0 24.9 37.3



#22
Chrysene
Concen: 0.474 ng/ul
RT: 21.450 min Scan# 4194
Delta R.T. -0.009 min
Lab File: BM043046.D
Acq: 27 Nov 2023 12:22

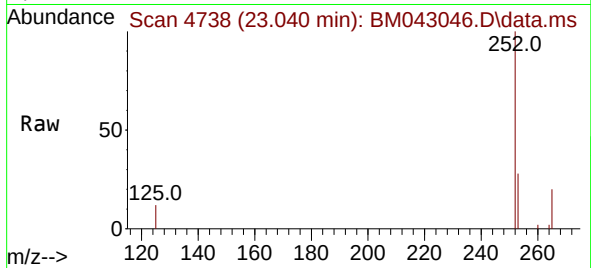
Tgt Ion:228 Resp: 7096
Ion Ratio Lower Upper
228 100
226 32.6 27.2 40.8
229 21.2 18.0 27.0



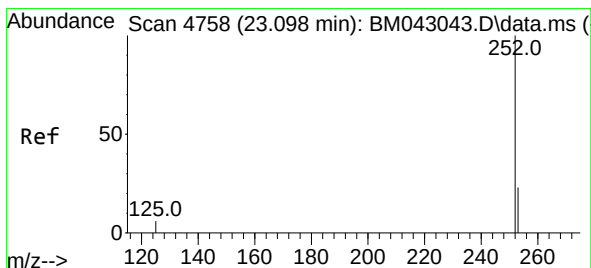
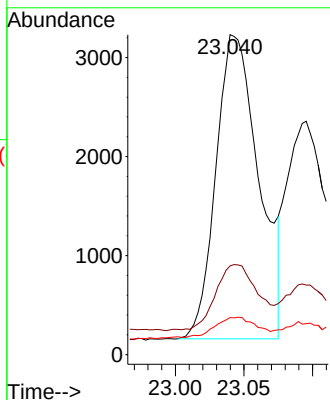


#24
Benzo(b)fluoranthene
Concen: 0.759 ng/ul
RT: 23.040 min Scan# 4738
Delta R.T. -0.012 min
Lab File: BM043046.D
Acq: 27 Nov 2023 12:22

Instrument :
BNA_M
ClientSampleId :
DCKV2DL

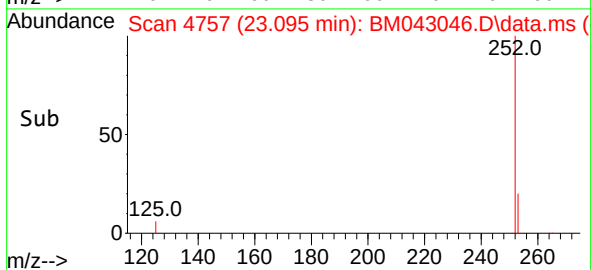
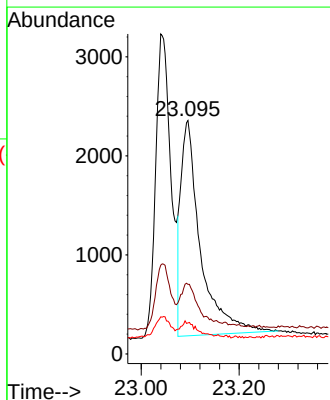
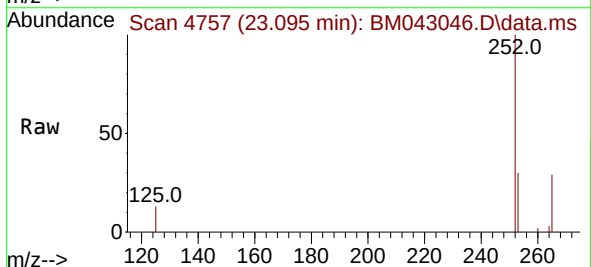


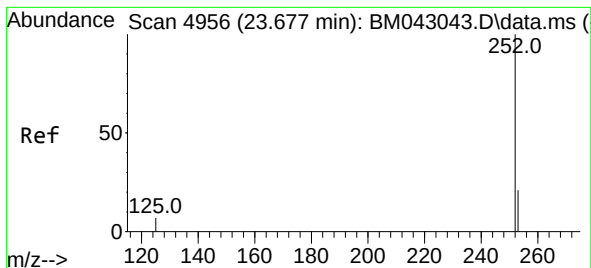
Tgt Ion:252 Resp: 6684
Ion Ratio Lower Upper
252 100
253 27.8 0.0 71.8
125 11.6 0.0 29.0



#25
Benzo(k)fluoranthene
Concen: 0.496 ng/ul
RT: 23.095 min Scan# 4757
Delta R.T. -0.003 min
Lab File: BM043046.D
Acq: 27 Nov 2023 12:22

Tgt Ion:252 Resp: 6020
Ion Ratio Lower Upper
252 100
253 29.8 28.2 42.2
125 13.3 11.0 16.6





#26

Benzo(a)pyrene

Concen: 0.078 ng/ul

RT: 23.683 min Scan# 4956

Delta R.T. -0.003 min

Lab File: BM043046.D

Acq: 27 Nov 2023 12:22

Instrument :

BNA_M

ClientSampleId :

DCKV2DL

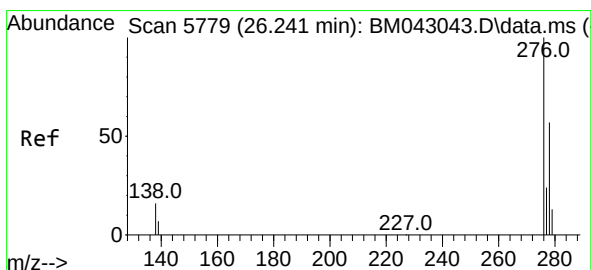
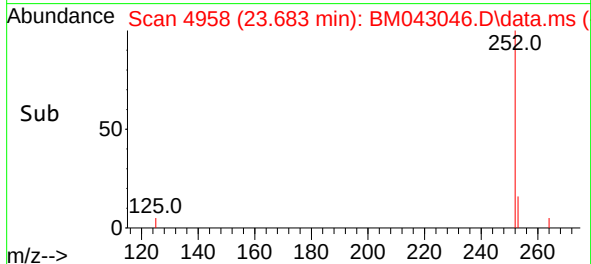
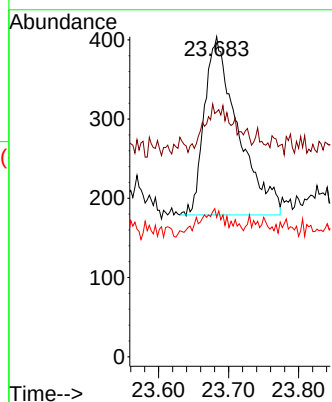
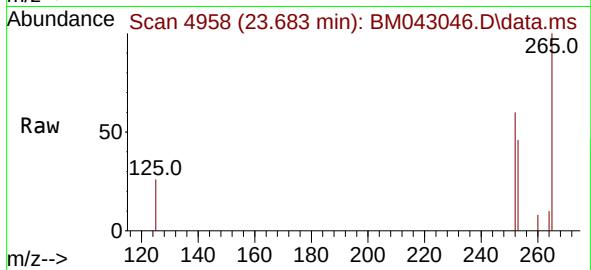
Tgt Ion:252 Resp: 751

Ion Ratio Lower Upper

252 100

253 76.5 36.6 55.0#

125 43.6 16.2 24.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.458 ng/ul

RT: 26.225 min Scan# 5774

Delta R.T. -0.013 min

Lab File: BM043046.D

Acq: 27 Nov 2023 12:22

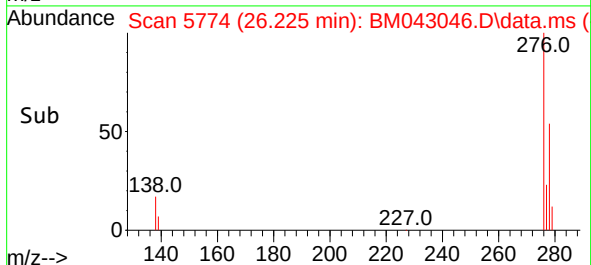
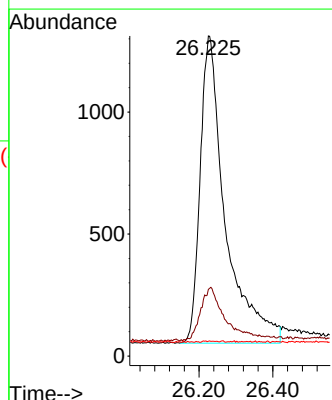
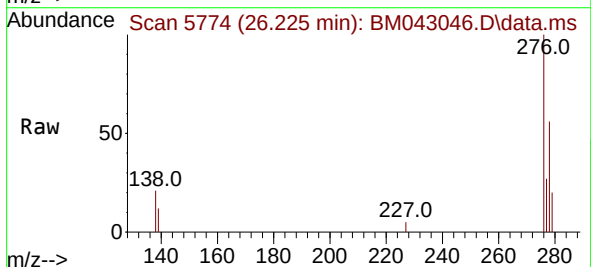
Tgt Ion:276 Resp: 5956

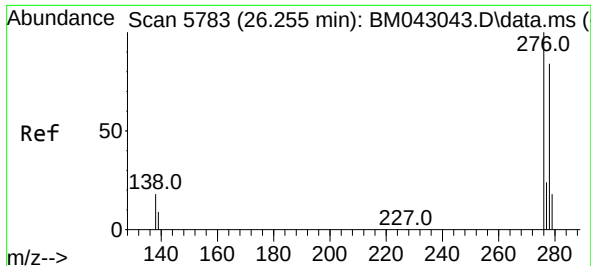
Ion Ratio Lower Upper

276 100

138 17.7 0.0 0.0#

227 0.0 0.2 0.2#

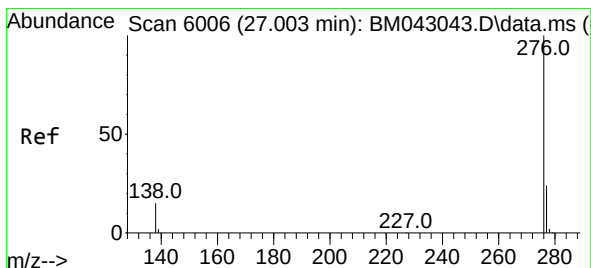
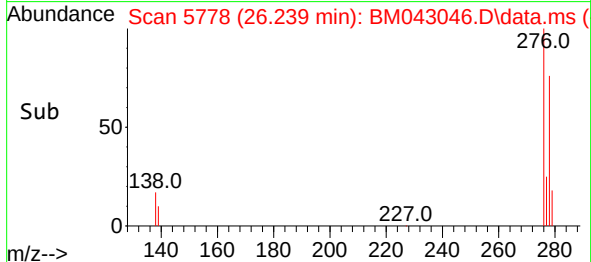
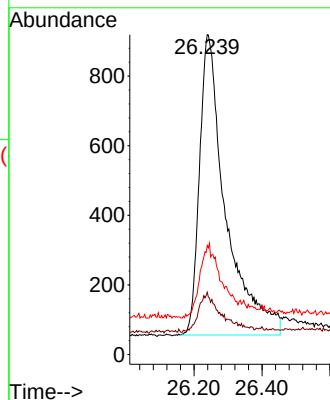
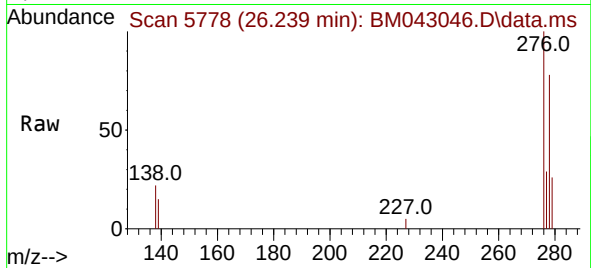




#28
Dibenzo(a,h)anthracene
Concen: 0.459 ng/ul
RT: 26.239 min Scan# 51
Delta R.T. -0.037 min
Lab File: BM043046.D
Acq: 27 Nov 2023 12:22

Instrument :
BNA_M
ClientSampleId :
DCKV2DL

Tgt Ion:278 Resp: 4622
Ion Ratio Lower Upper
278 100
139 19.5 18.1 27.1
279 34.1 34.4 51.6#



#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 26.993 min Scan# 6003
Delta R.T. -0.017 min
Lab File: BM043046.D
Acq: 27 Nov 2023 12:22

Tgt Ion:276 Resp: 4745
Ion Ratio Lower Upper
276 100
138 20.8 17.8 26.8
277 28.1 23.8 35.8

