

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
 Data File : BM021861.D
 Acq On : 06 Aug 2019 10:25
 Operator : HP/JU
 Sample : K3890-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52U7

Quant Time: Aug 06 11:22:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 06 01:29:26 2019
 Response via : Initial Calibration

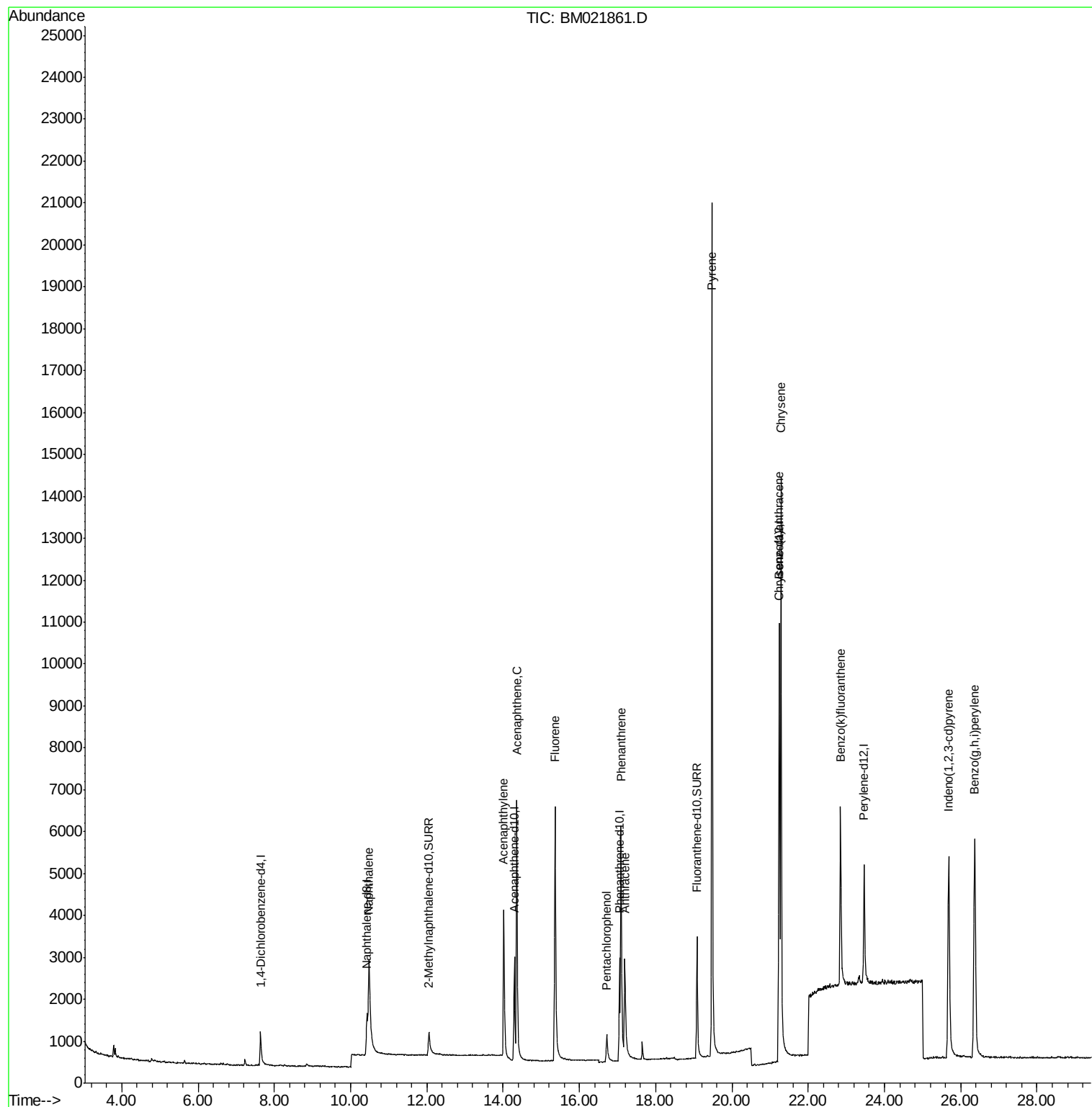
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	598	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	3113	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	1846	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	4073	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	3892	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	4442	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	1625	0.32	ng/ul	0.03
14) Fluoranthene-d10	19.08	212	4509	0.33	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.48	128	6354	0.723	ng/ul	97
7) Acenaphthylene	14.01	152	6302	0.732	ng/ul	96
8) Acenaphthene	14.36	153	4794	0.681	ng/ul	98
9) Fluorene	15.36	166	6119	0.782	ng/ul	98
11) Pentachlorophenol	16.71	266	835	1.111	ng/ul	90
12) Phenanthrene	17.09	178	7586	0.640	ng/ul	98
13) Anthracene	17.19	178	4302	0.426	ng/ul	98
17) Pyrene	19.47	202	21763	1.361	ng/ul	99
18) Benzo(a)anthracene	21.23	228	9677	0.695	ng/ul	99
19) Chrysene	21.29	228	15590	0.871	ng/ul	99
22) Benzo(k)fluoranthene	22.85	252	7126	0.420	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.69	276	11422	0.628	ng/ul#	92
26) Benzo(g,h,i)perylene	26.36	276	12785	0.781	ng/ul	98

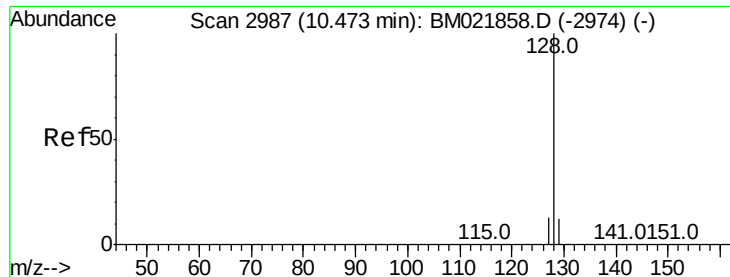
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.723 ng/ul

RT: 10.48 min Scan# 2989

Delta R.T. 0.01 min

Lab File: BM021861.D

Acq: 06 Aug 2019 10:25

Instrument :

BNA_M

ClientSampleId :

A52U7

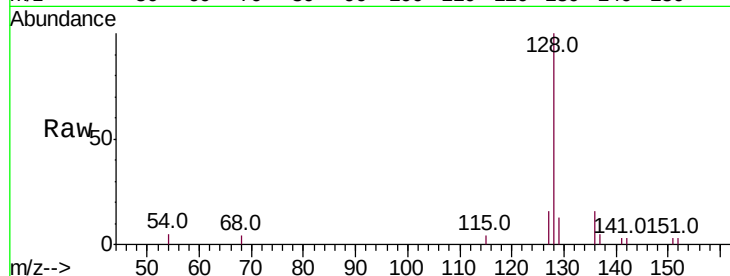
Tot Ion:128 Resp: 6354

Ion Ratio Lower Upper

128 100

129 13.2 12.3 18.5

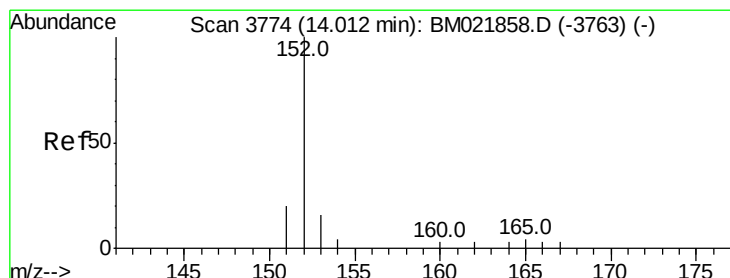
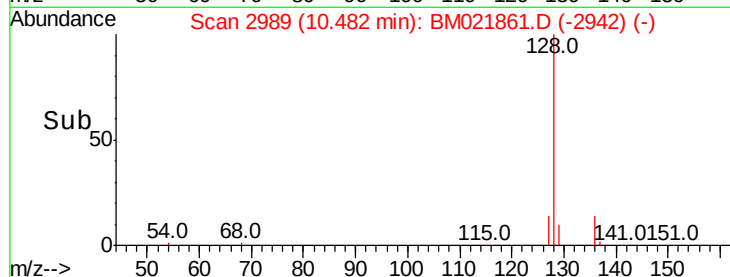
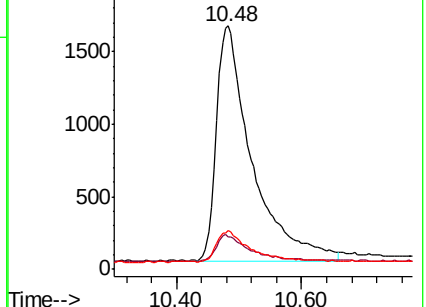
127 16.1 13.0 19.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

Acenaphthylene

Concen: 0.732 ng/ul

RT: 14.01 min Scan# 3774

Delta R.T. 0.00 min

Lab File: BM021861.D

Acq: 06 Aug 2019 10:25

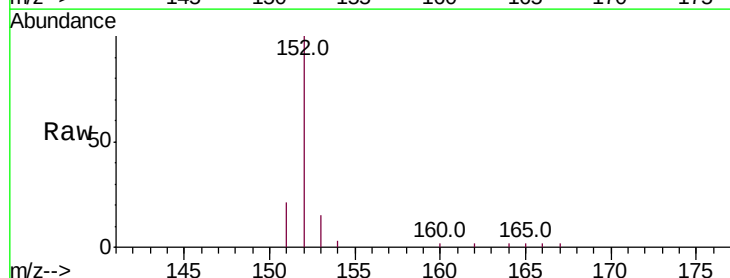
Tgt Ion:152 Resp: 6302

Ion Ratio Lower Upper

152 100

151 20.9 18.3 27.5

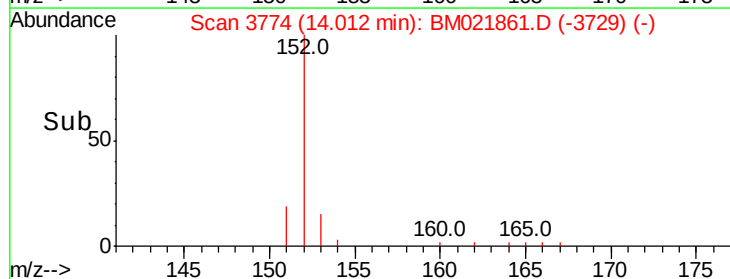
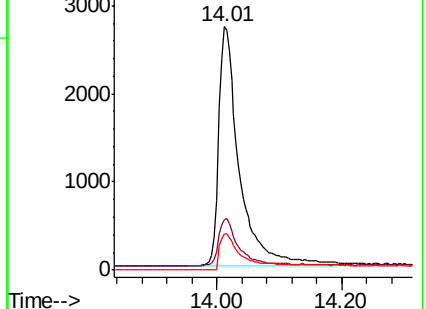
153 14.7 12.8 19.2

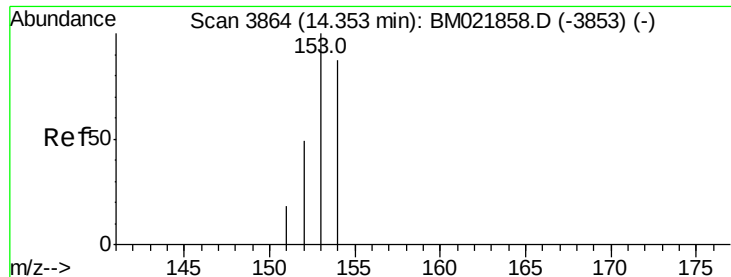


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.681 ng/ul

RT: 14.36 min Scan# 3865

Delta R.T. 0.00 min

Lab File: BM021861.D

Acq: 06 Aug 2019 10:25

Instrument :

BNA_M

ClientSampleId :

A52U7

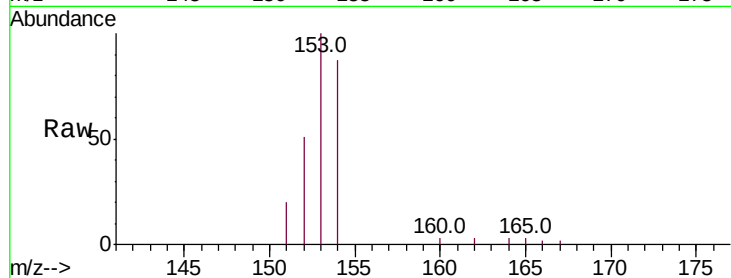
Tot Ion:153 Resp: 4794

Ion Ratio Lower Upper

153 100

152 51.2 41.3 61.9

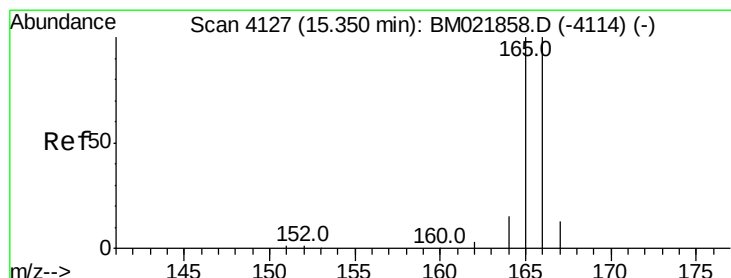
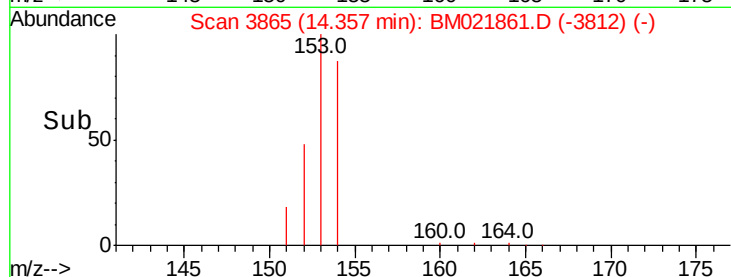
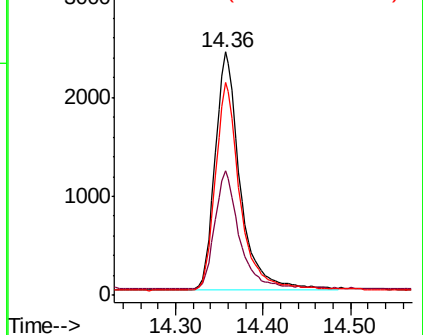
154 87.4 72.3 108.5



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.782 ng/ul

RT: 15.36 min Scan# 4129

Delta R.T. 0.01 min

Lab File: BM021861.D

Acq: 06 Aug 2019 10:25

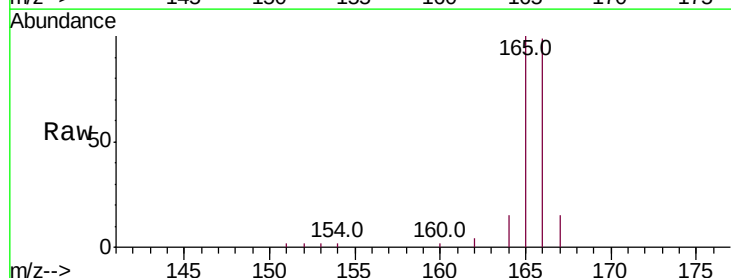
Tgt Ion:166 Resp: 6119

Ion Ratio Lower Upper

166 100

165 100.6 81.4 122.0

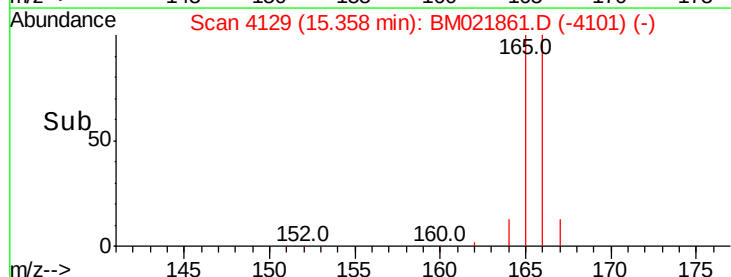
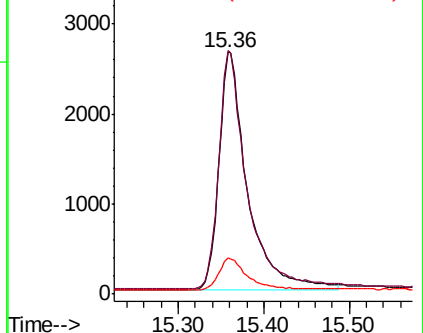
167 15.1 13.7 20.5

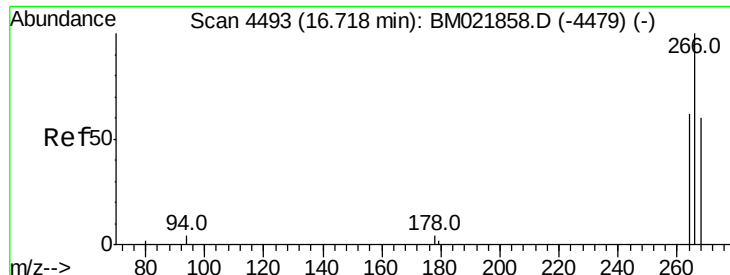


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

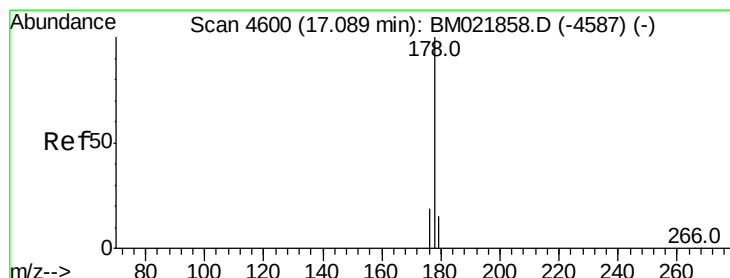
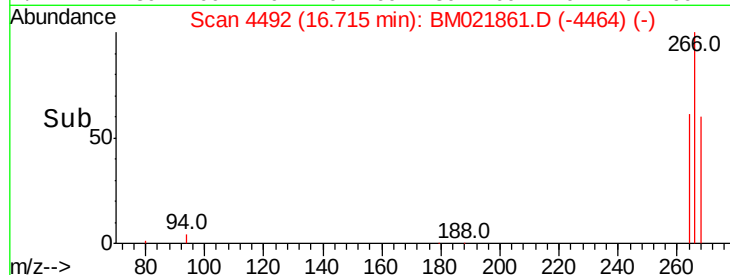
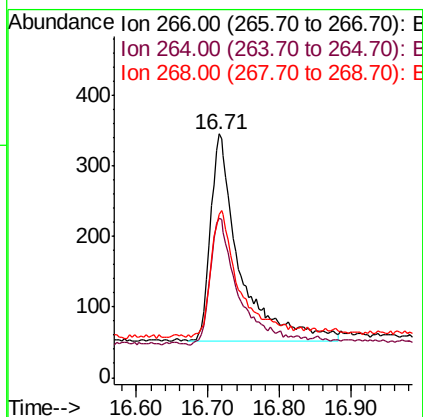
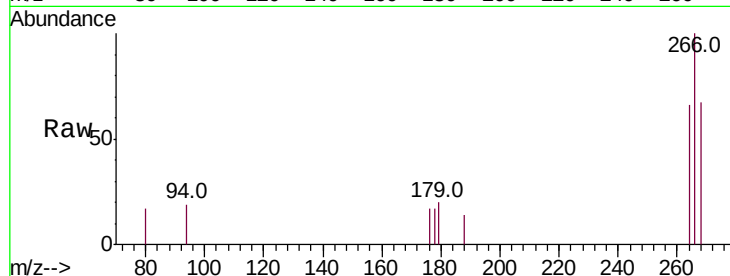




#11
 Pentachlorophenol
 Concen: 1.111 ng/ul
 RT: 16.71 min Scan# 4492
 Delta R.T. -0.00 min
 Lab File: BM021861.D
 Acq: 06 Aug 2019 10:25

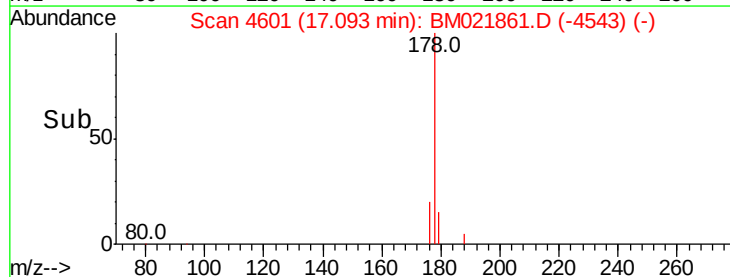
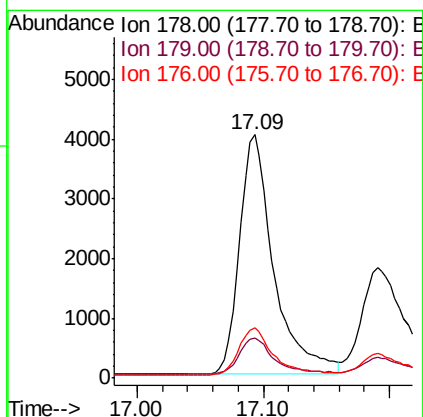
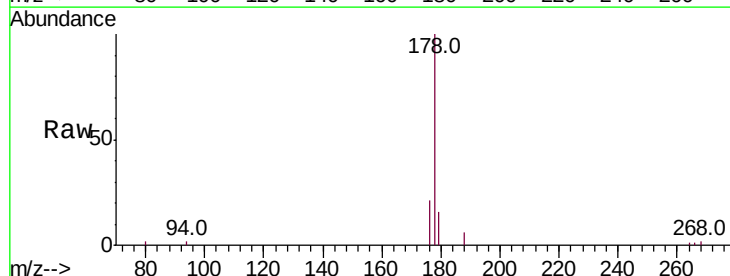
Instrument :
 BNA_M
 ClientSampleId :
 A52U7

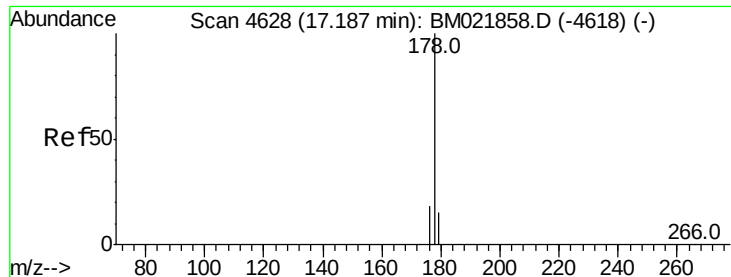
Tot Ion	Ratio	Lower	Upper
266	100		
264	60.7	54.2	81.2
268	63.1	57.6	86.4



#12
 Phenanthrene
 Concen: 0.640 ng/ul
 RT: 17.09 min Scan# 4601
 Delta R.T. 0.00 min
 Lab File: BM021861.D
 Acq: 06 Aug 2019 10:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	14.2	21.2
176	20.6	16.8	25.2





#13

Anthracene

Concen: 0.426 ng/ul

RT: 17.19 min Scan# 4629

Delta R.T. 0.00 min

Lab File: BM021861.D

Acq: 06 Aug 2019 10:25

Instrument :

BNA_M

ClientSampleId :

A52U7

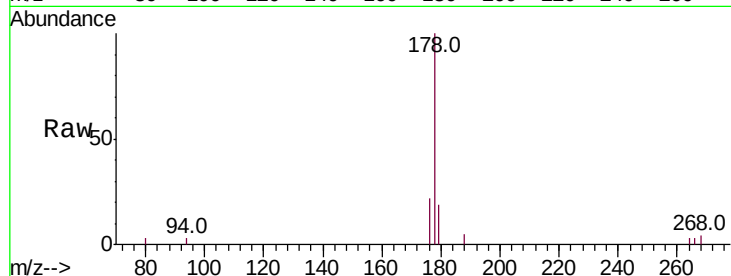
Tot Ion:178 Resp: 4302

Ion Ratio Lower Upper

178 100

179 18.6 15.5 23.3

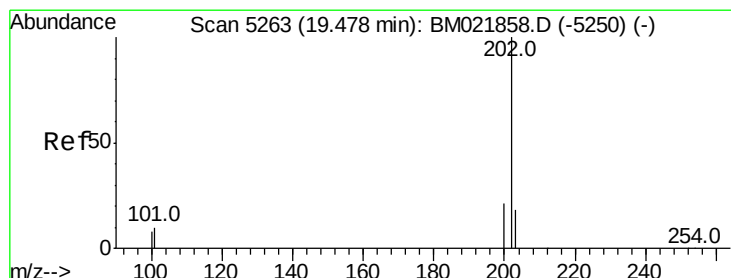
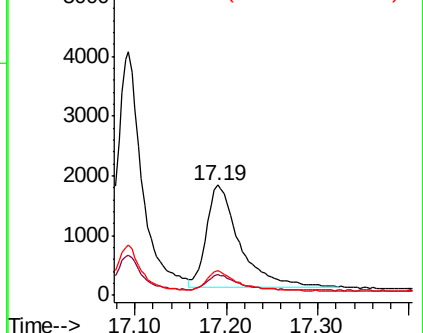
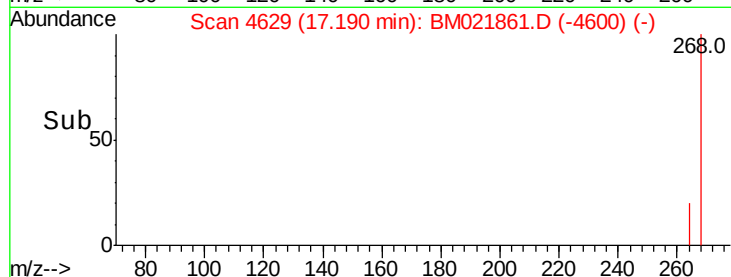
176 22.0 16.6 25.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#17

Pyrene

Concen: 1.361 ng/ul

RT: 19.47 min Scan# 5262

Delta R.T. -0.00 min

Lab File: BM021861.D

Acq: 06 Aug 2019 10:25

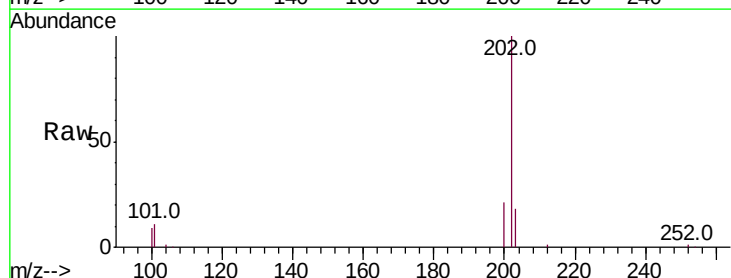
Tgt Ion:202 Resp: 21763

Ion Ratio Lower Upper

202 100

101 11.1 8.3 12.5

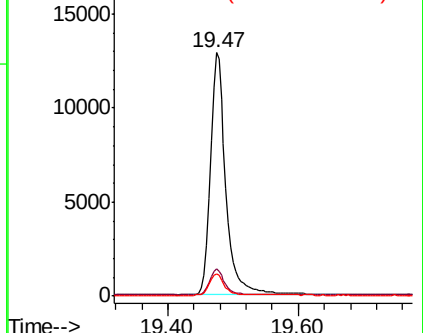
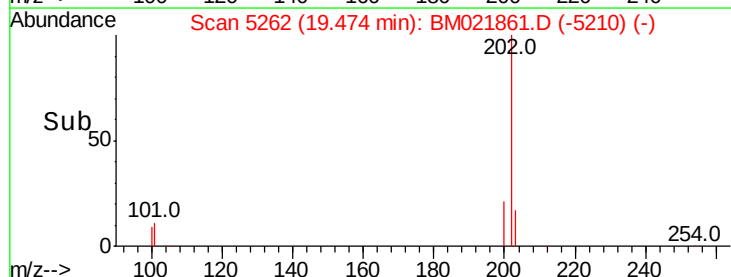
100 9.2 7.2 10.8

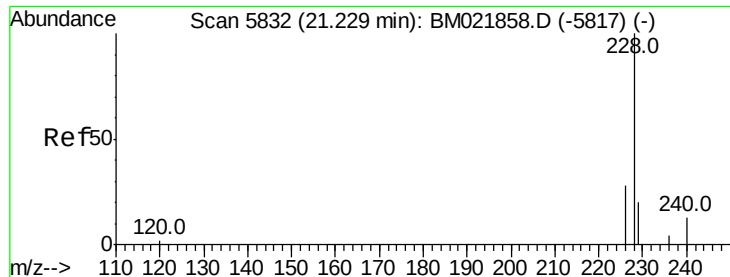


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 0.695 ng/ul

RT: 21.23 min Scan# 5833

Delta R.T. 0.01 min

Lab File: BM021861.D

Acq: 06 Aug 2019 10:25

Instrument :

BNA_M

ClientSampleId :

A52U7

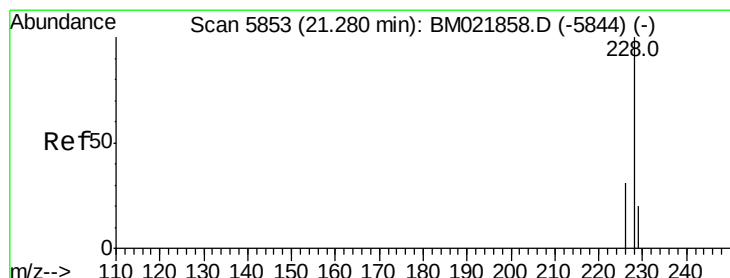
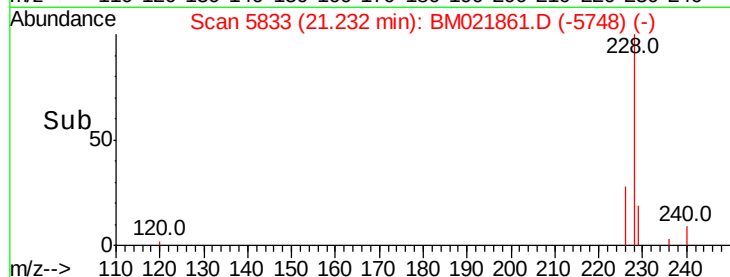
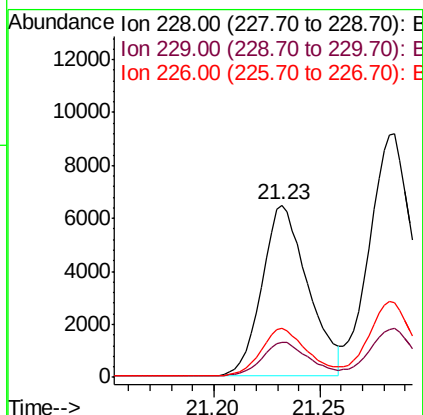
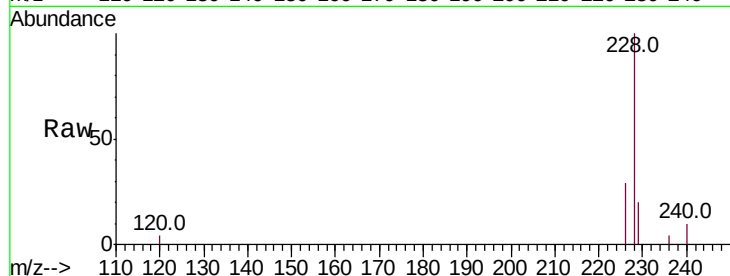
Tot Ion:228 Resp: 9677

Ion Ratio Lower Upper

228 100

229 20.3 17.2 25.8

226 28.6 22.6 34.0



#19

Chrysene

Concen: 0.871 ng/ul

RT: 21.29 min Scan# 5855

Delta R.T. 0.01 min

Lab File: BM021861.D

Acq: 06 Aug 2019 10:25

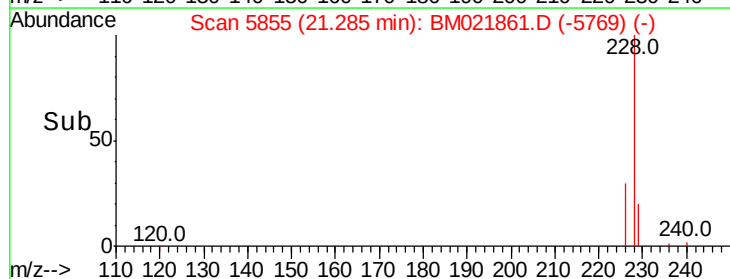
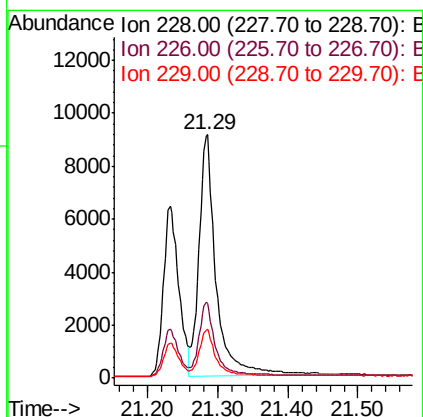
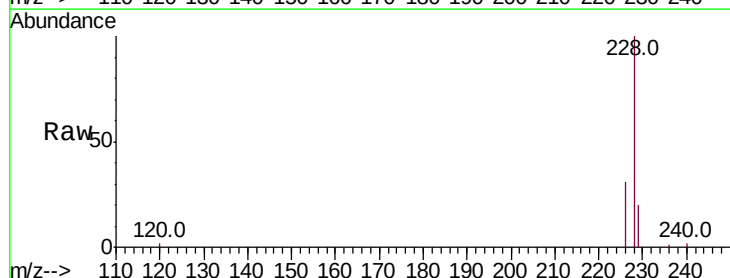
Tgt Ion:228 Resp: 15590

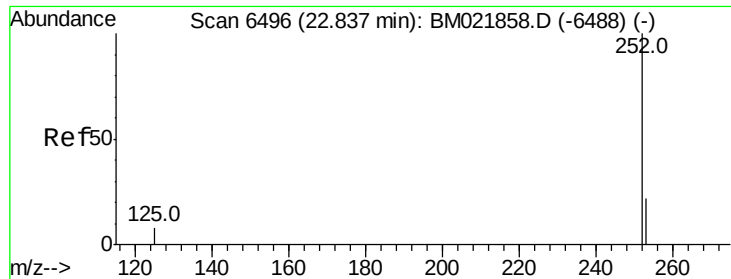
Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

229 20.3 16.6 25.0

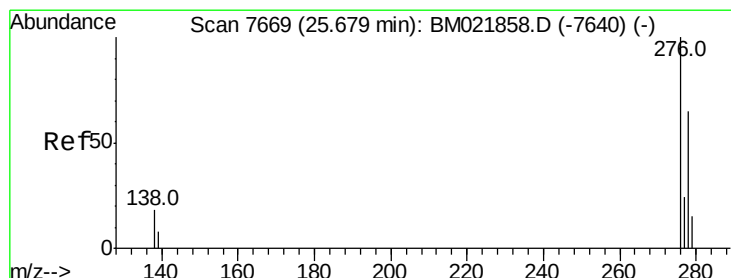
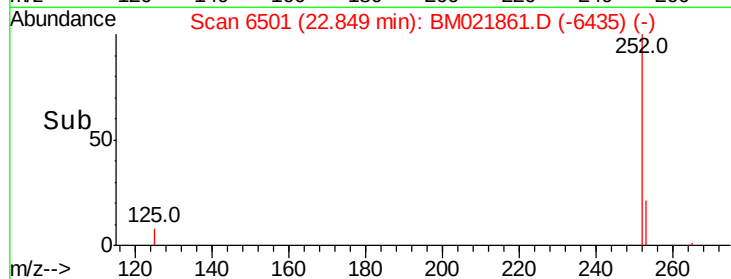
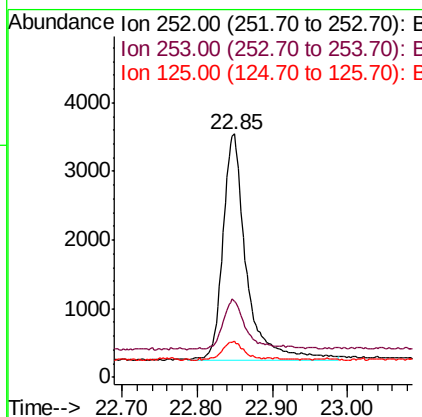
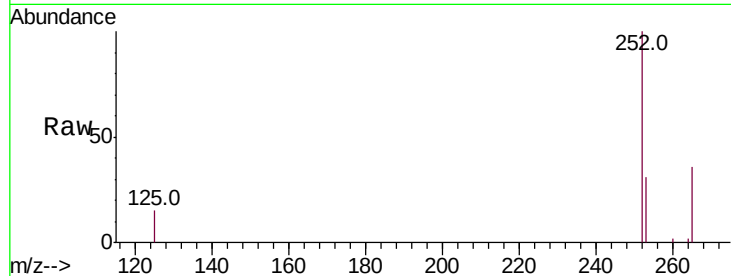




#22
Benzo(k)fluoranthene
Concen: 0.420 ng/ul
RT: 22.85 min Scan# 6501
Delta R.T. 0.01 min
Lab File: BM021861.D
Acq: 06 Aug 2019 10:25

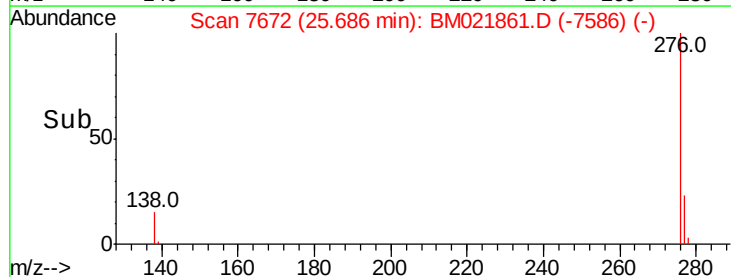
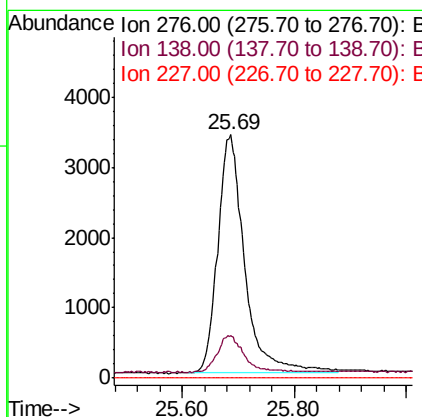
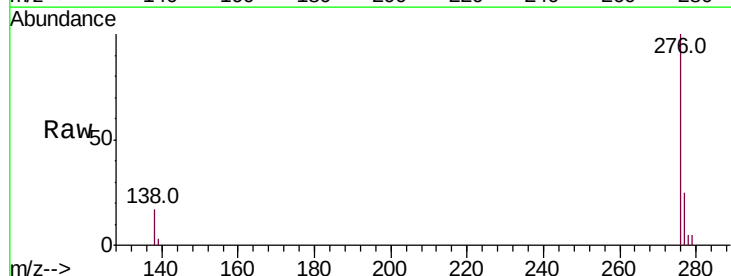
Instrument :
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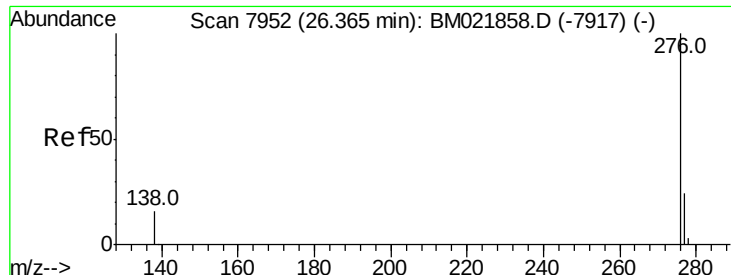
Tot Ion:252 Resp: 7126
Ion Ratio Lower Upper
252 100
253 31.1 27.0 40.4
125 14.9 12.2 18.2



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.628 ng/ul
RT: 25.69 min Scan# 7672
Delta R.T. 0.01 min
Lab File: BM021861.D
Acq: 06 Aug 2019 10:25

Tgt Ion:276 Resp: 11422
Ion Ratio Lower Upper
276 100
138 15.5 15.1 22.7
227 0.0 0.0 0.0





#26

Benzo(a,h,i)perylene

Concen: 0.781 ng/ul

RT: 26.36 min Scan# 7950

Delta R.T. -0.00 min

Lab File: BM021861.D

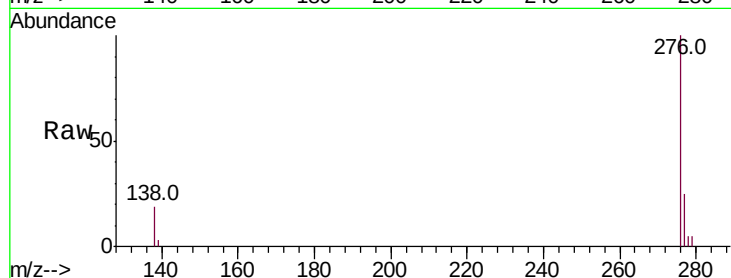
Acq: 06 Aug 2019 10:25

Instrument :

BNA_M

ClientSampleId :

A52U7



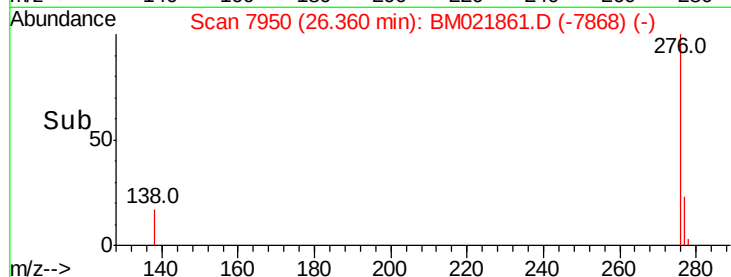
Tot Ion:276 Resp: 12785

Ion Ratio Lower Upper

276 100

138 19.3 15.5 23.3

277 25.3 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

5000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

