

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021828.D
 Acq On : 05 Aug 2019 01:43
 Operator : HP/JU
 Sample : K3863-16
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52G5

Manual Integrations
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Quant Time: Aug 05 08:47:45 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 : Mon Aug 05 08:19:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1157	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	4666	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2734	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	6782m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	6673m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	7719m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1362	0.18	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	4252m	0.19	ng/ul	-0.01
Target Compounds				Qvalue		
7) Acenaphthylene	14.00	152	428	0.034	ng/ul#	69
12) Phenanthrene	17.08	178	7344	0.372	ng/ul	98
13) Anthracene	17.17	178	681m	0.040	ng/ul	
15) Fluoranthene	19.11	202	30545m	1.156	ng/ul	
17) Pyrene	19.47	202	25580	0.933	ng/ul	98
18) Benzo(a)anthracene	21.22	228	9432	0.395	ng/ul	94
19) Chrysene	21.28	228	17042	0.555	ng/ul	96
21) Benzo(b)fluoranthene	22.79	252	25876m	0.994	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	8294m	0.282	ng/ul	
23) Benzo(a)pyrene	23.36	252	14014m	0.529	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	13078m	0.414	ng/ul	
25) Dibenzo(a,h)anthracene	25.67	278	2969m	0.116	ng/ul	
26) Benzo(g,h,i)perylene	26.36	276	13117m	0.461	ng/ul	

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

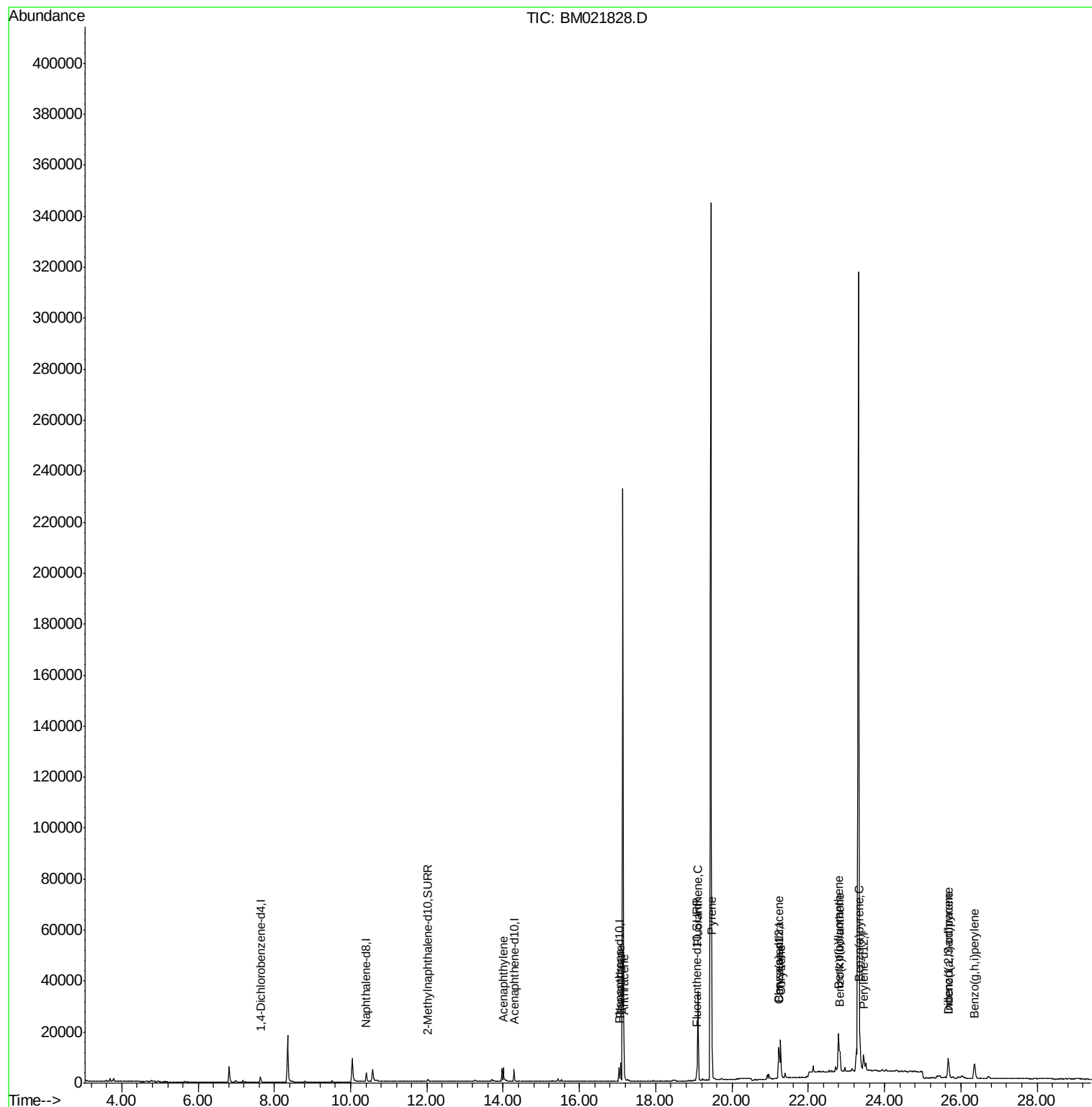
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021828.D
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ALS Vial : 71 Sample Multiplier: 1

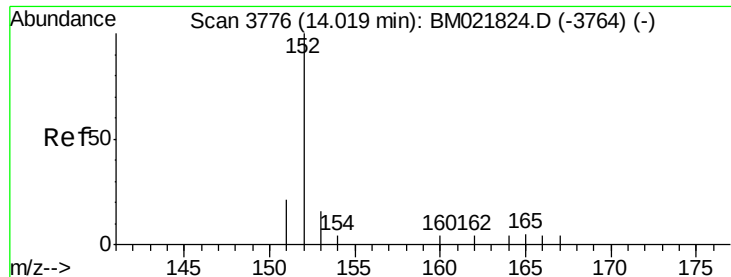
Instrument :
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QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 14.00 min Scan# 3772

Delta R.T. -0.02 min

Lab File: BM021828.D

Acq: 05 Aug 2019 01:43

Instrument :

BNA_M

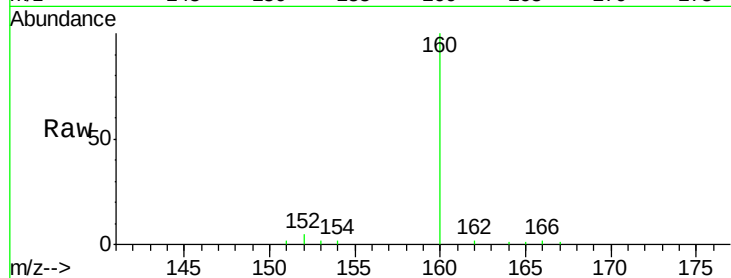
ClientSampleId :

A52G5

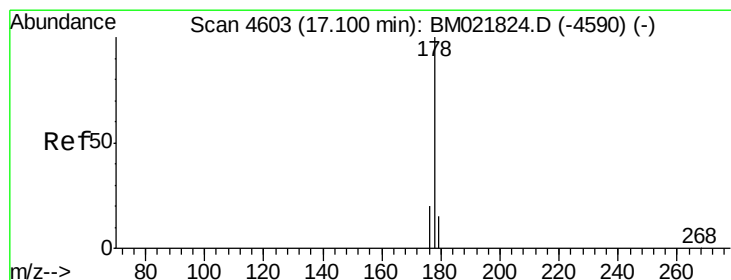
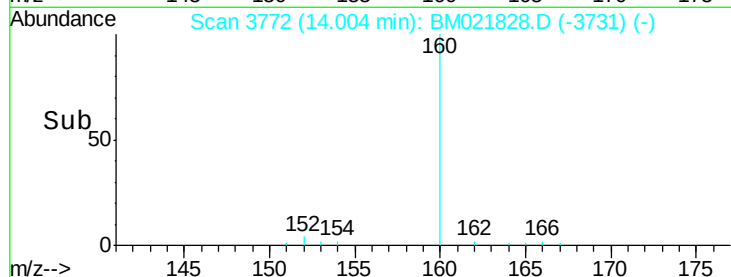
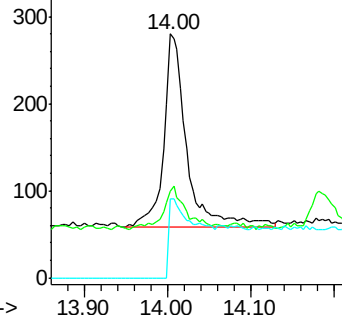
Tgt Ion:	152	Resp:	428
Ion Ratio	Lower	Upper	
152	100		
151	35.7	18.3	27.5#
153	32.1	12.8	19.2#

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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



#12

Phenanthrene

Concen: 0.372 ng/ul

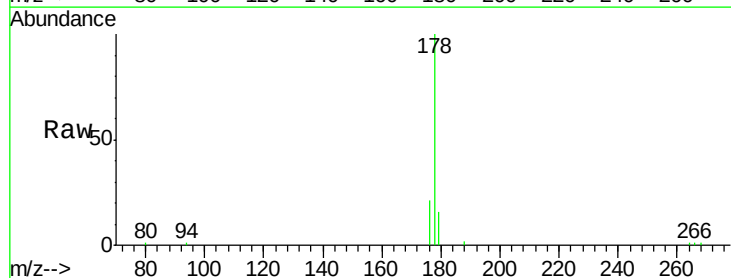
RT: 17.08 min Scan# 4598

Delta R.T. -0.02 min

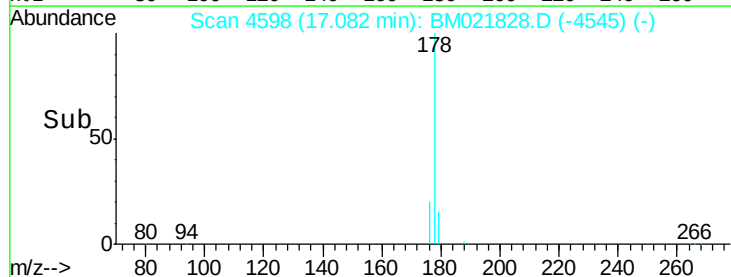
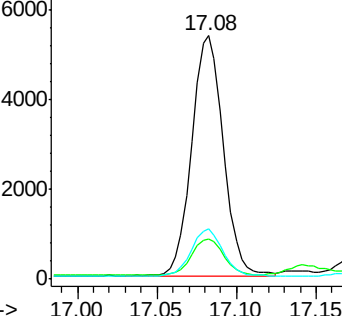
Lab File: BM021828.D

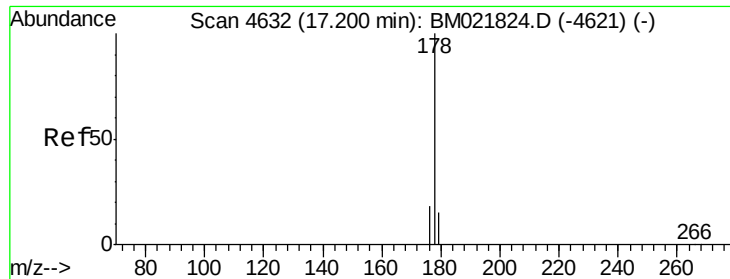
Acq: 05 Aug 2019 01:43

Tgt Ion:	178	Resp:	7344
Ion Ratio	Lower	Upper	
178	100		
179	16.3	14.2	21.2
176	20.8	16.8	25.2



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





#13

Anthracene

Concen: 0.040 ng/ul m

RT: 17.17 min Scan# 4624

Delta R.T. -0.03 min

Lab File: BM021828.D

Acq: 05 Aug 2019 01:43

Instrument :

BNA_M

ClientSampleId :

A52G5

Tgt Ion:178 Resp: 681

Ion Ratio Lower Upper

178 100

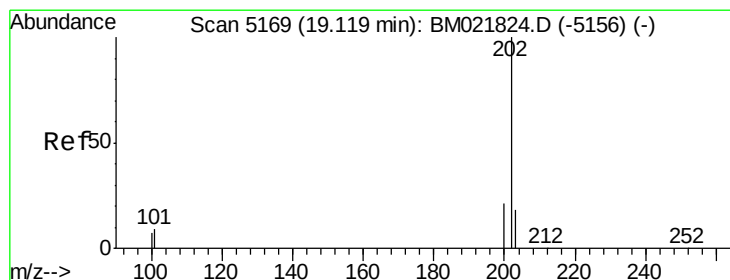
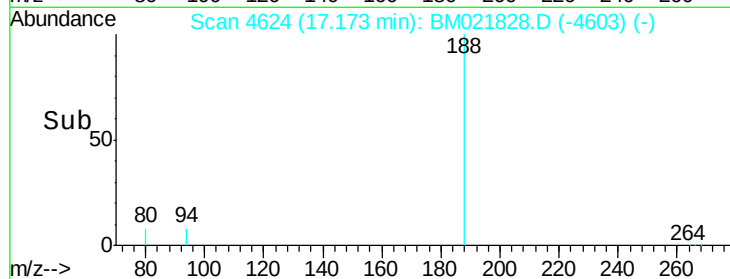
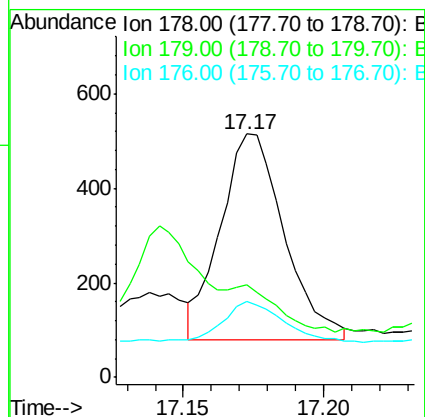
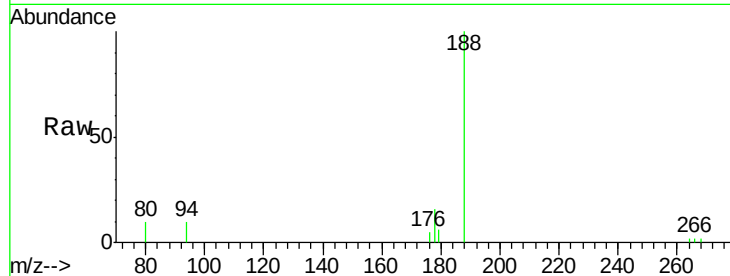
179 38.1 15.5 23.3#

176 31.3 16.6 25.0#

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#15

Fluoranthene

Concen: 1.156 ng/ul m

RT: 19.11 min Scan# 5166

Delta R.T. -0.01 min

Lab File: BM021828.D

Acq: 05 Aug 2019 01:43

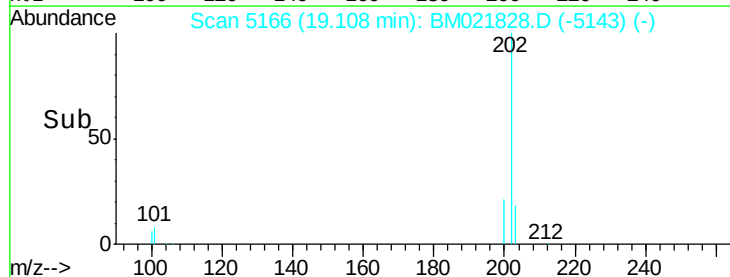
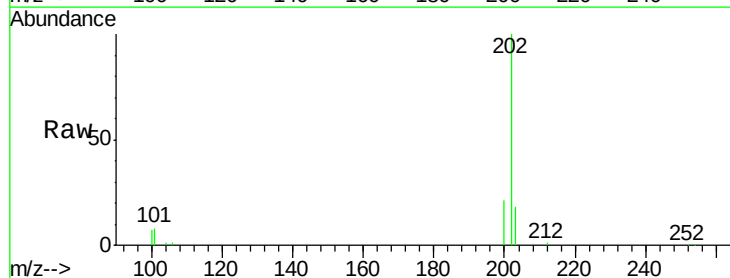
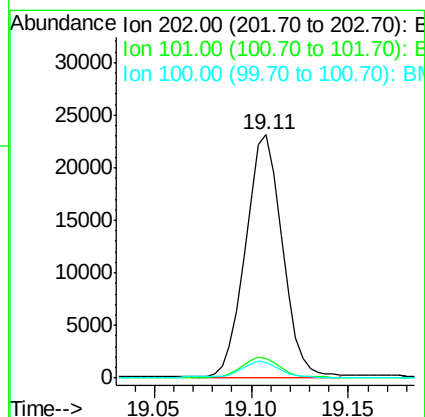
Tgt Ion:202 Resp: 30545

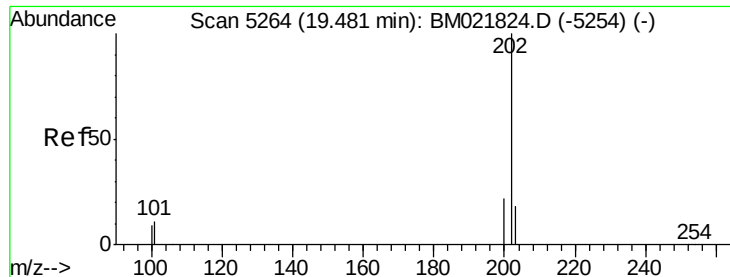
Ion Ratio Lower Upper

202 100

101 8.2 0.0 30.2

100 6.7 0.0 28.1





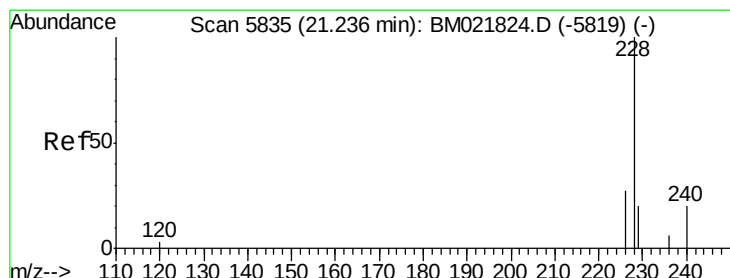
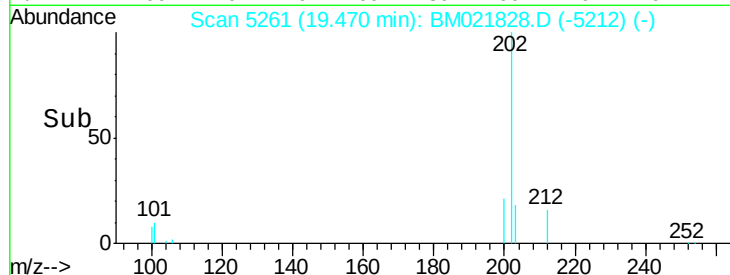
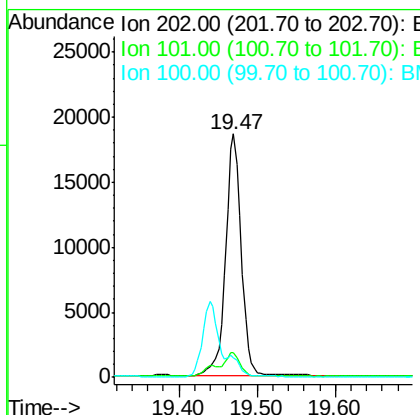
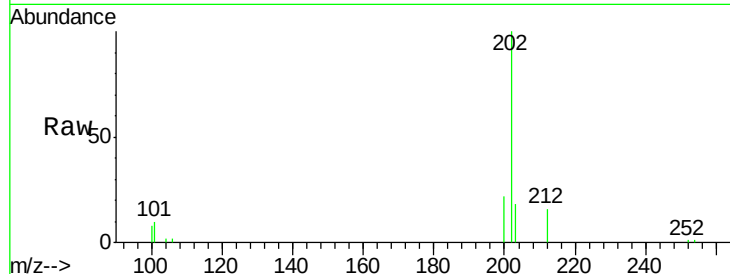
#17
Pyrene
 Concen: 0.933 ng/ul
 RT: 19.47 min Scan# 5261
 Delta R.T. -0.01 min
 Lab File: BM021828.D
 Acq: 05 Aug 2019 01:43

Instrument :
 BNA_M
 ClientSampleId :
 A52G5

Tgt Ion:	202	Resp:	25580
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.3	12.5
100	8.1	7.2	10.8

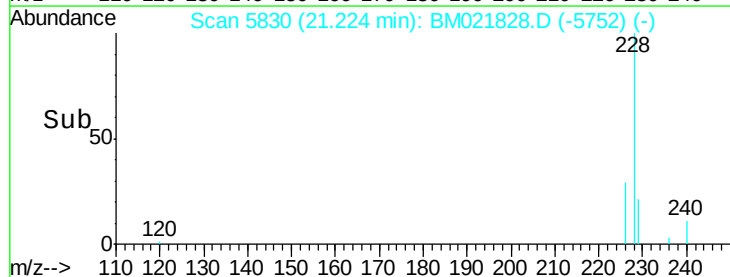
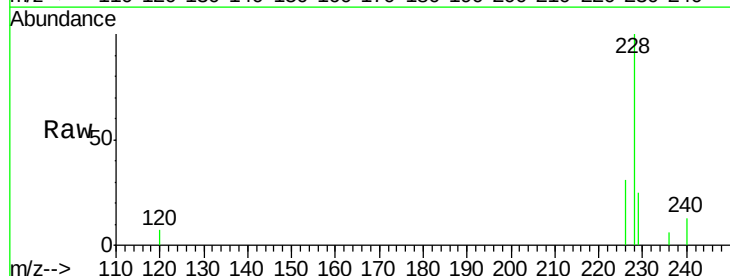
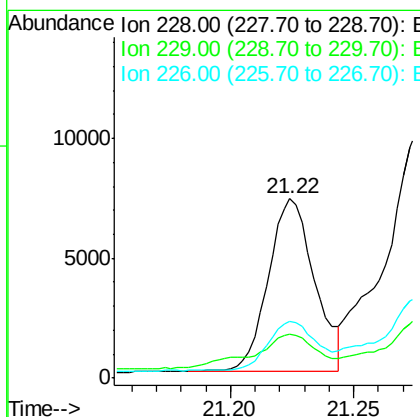
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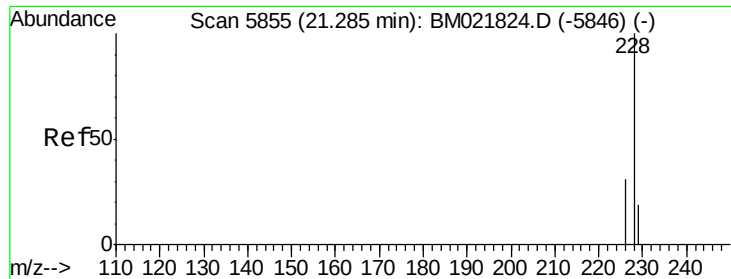
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#18
Benzo(a)anthracene
 Concen: 0.395 ng/ul
 RT: 21.22 min Scan# 5830
 Delta R.T. -0.01 min
 Lab File: BM021828.D
 Acq: 05 Aug 2019 01:43

Tgt Ion:	228	Resp:	9432
Ion Ratio	Lower	Upper	
228	100		
229	24.8	17.2	25.8
226	31.3	22.6	34.0





#19

Chrysene

Concen: 0.555 ng/ul

RT: 21.28 min Scan# 5851

Delta R.T. -0.01 min

Lab File: BM021828.D

Acq: 05 Aug 2019 01:43

Instrument :

BNA_M

ClientSampled :

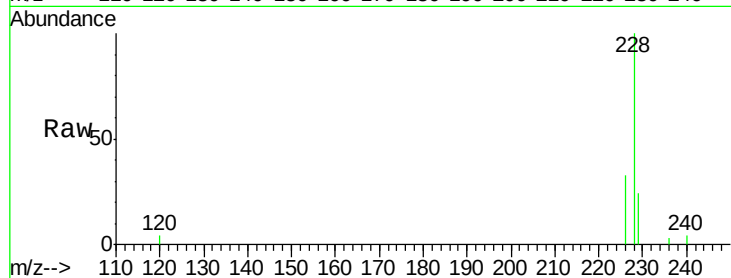
A52G5

Tgt Ion:	228	Resp:	17042
Ion Ratio	Lower	Upper	
228	100		
226	32.8	24.9	37.3
229	23.9	16.6	25.0

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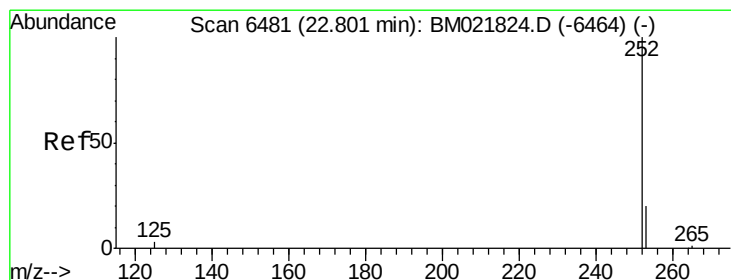
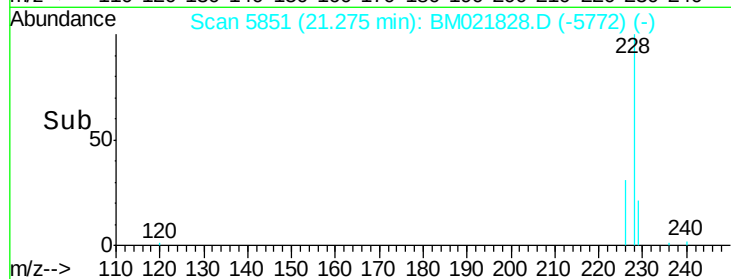
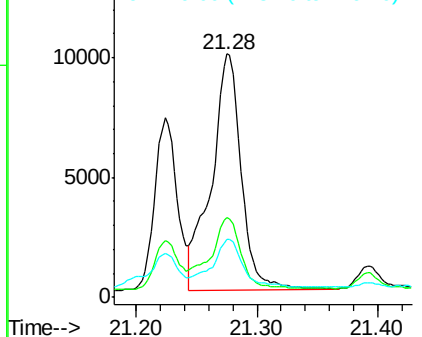
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.994 ng/ul m

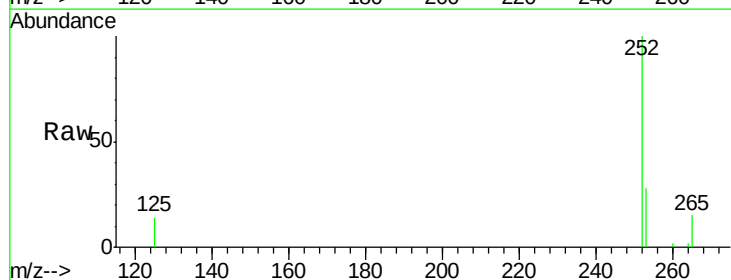
RT: 22.79 min Scan# 6477

Delta R.T. -0.01 min

Lab File: BM021828.D

Acq: 05 Aug 2019 01:43

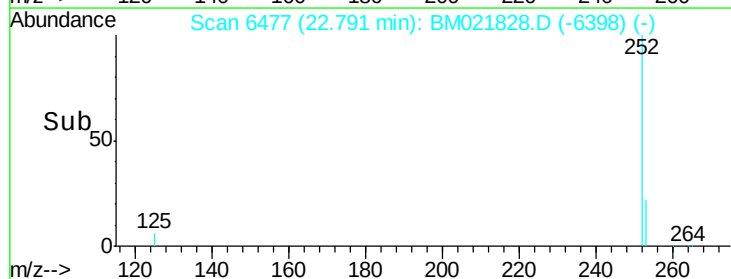
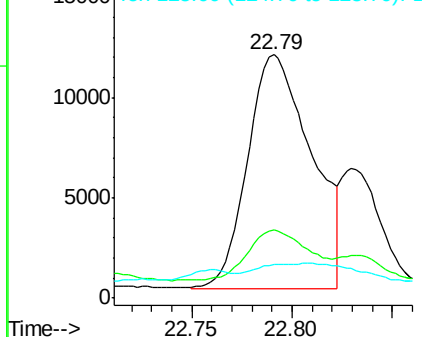
Tgt Ion:	252	Resp:	25876
Ion Ratio	Lower	Upper	
252	100		
253	28.1	0.0	67.4
125	13.9	0.0	31.0

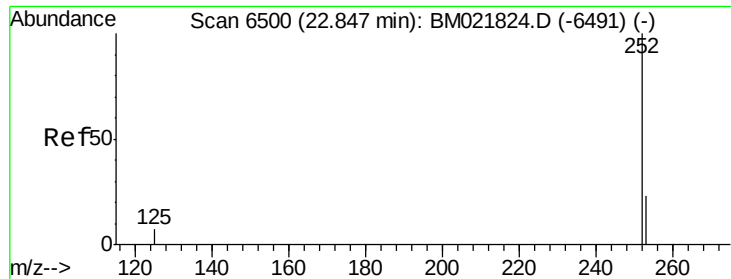


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.282 ng/ul m

RT: 22.83 min Scan# 6493

Delta R.T. -0.02 min

Lab File: BM021828.D

Acq: 05 Aug 2019 01:43

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:252 Resp: 8294

Ion Ratio Lower Upper

252 100

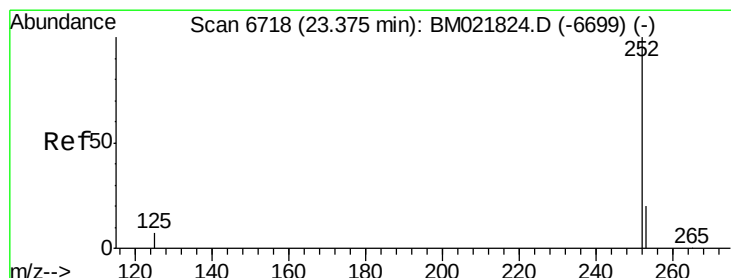
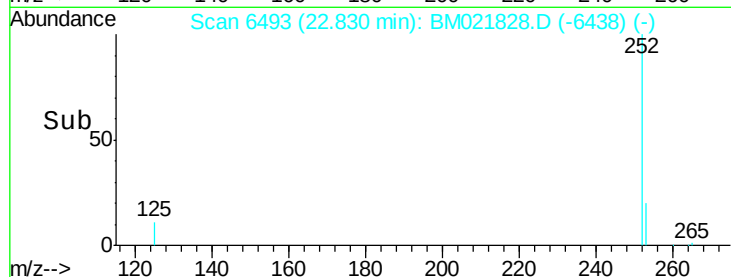
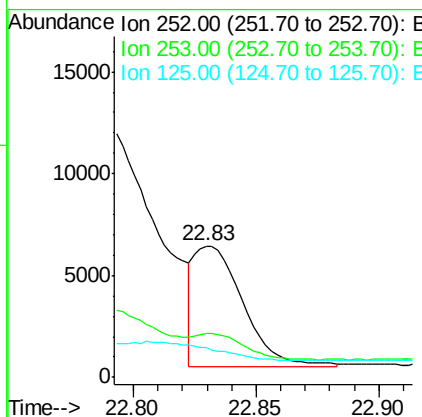
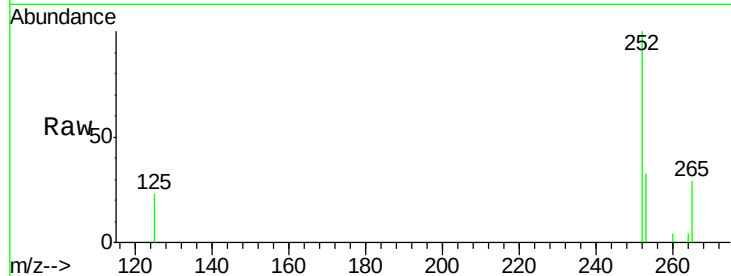
253 33.5 27.0 40.4

125 22.8 12.2 18.2#

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#23

Benzo(a)pyrene

Concen: 0.529 ng/ul m

RT: 23.36 min Scan# 6710

Delta R.T. -0.02 min

Lab File: BM021828.D

Acq: 05 Aug 2019 01:43

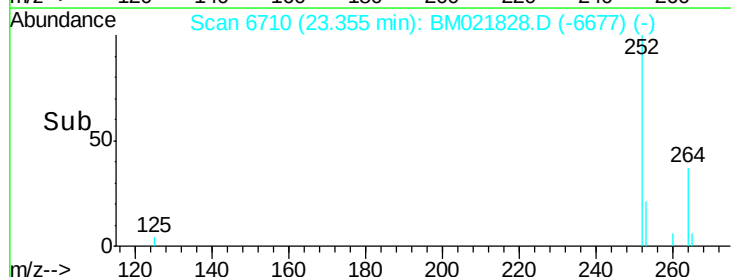
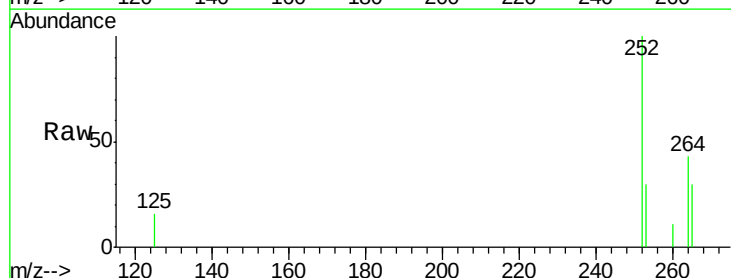
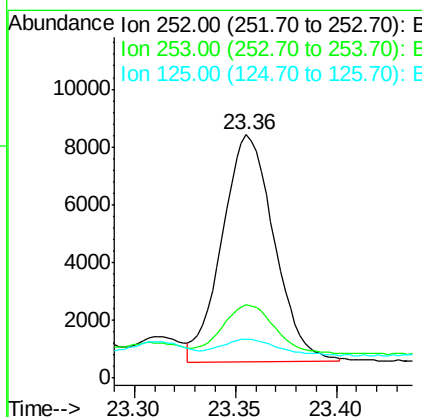
Tgt Ion:252 Resp: 14014

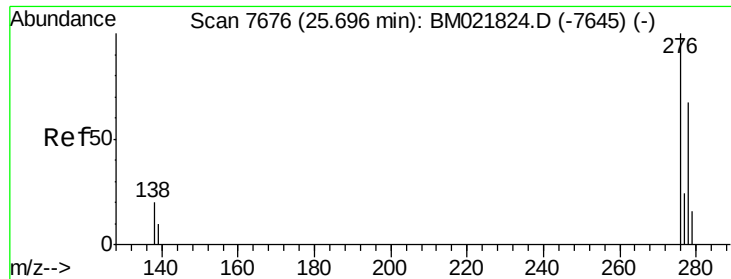
Ion Ratio Lower Upper

252 100

253 30.3 31.7 47.5#

125 16.1 14.6 21.8





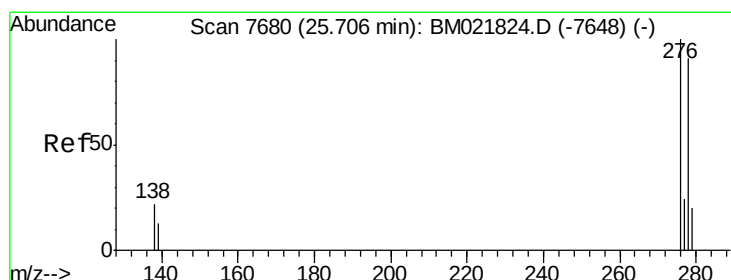
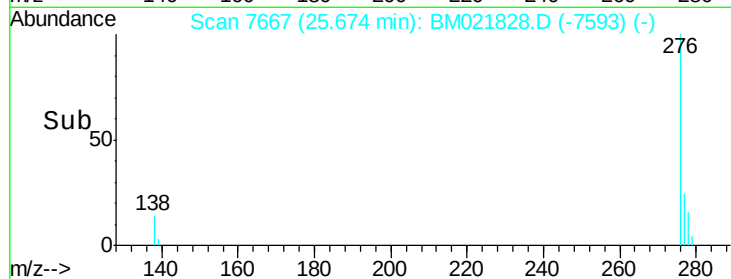
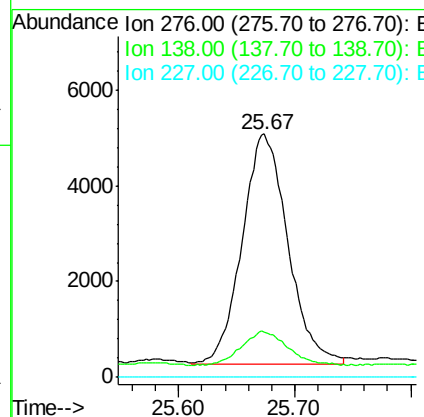
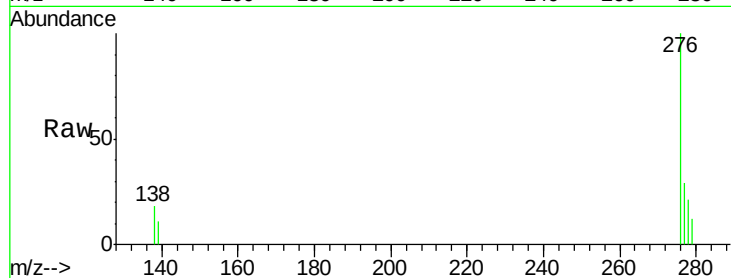
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.414 ng/ul m
 RT: 25.67 min Scan# 7667
 Delta R.T. -0.02 min
 Lab File: BM021828.D
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Tgt Ion	Ratio	Resp	Lower	Upper
276	100	13078		
138	1.4	15.1	22.7#	
227	0.0	0.0	0.0	

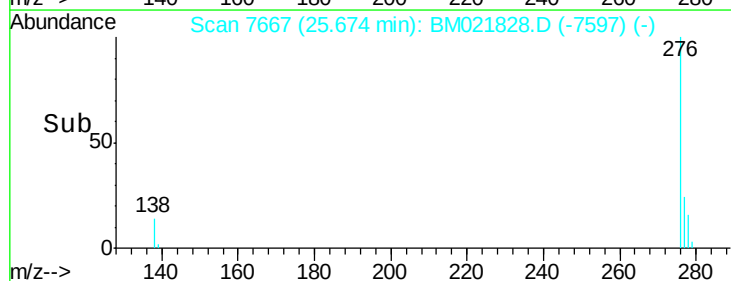
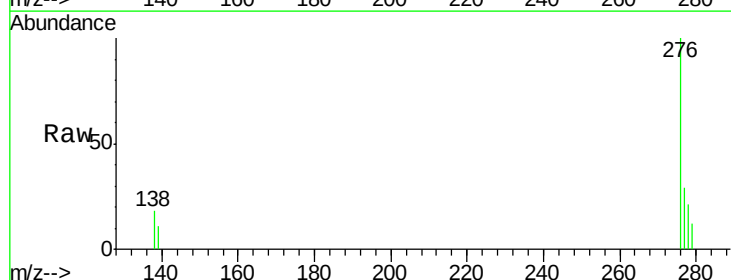
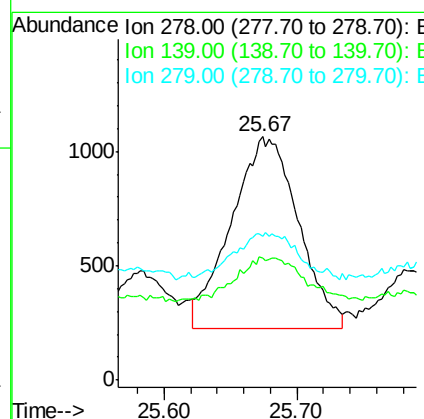
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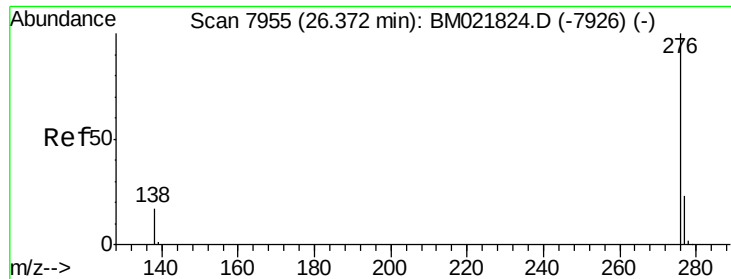
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.116 ng/ul m
 RT: 25.67 min Scan# 7667
 Delta R.T. -0.03 min
 Lab File: BM021828.D
 Acq: 05 Aug 2019 01:43

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	2969		
139	50.2	14.2	21.2#	
279	58.9	28.3	42.5#	





#26

Benzo(g,h,i)perylene

Concen: 0.461 ng/ul m

RT: 26.36 min Scan# 7950

Delta R.T. -0.01 min

Lab File: BM021828.D

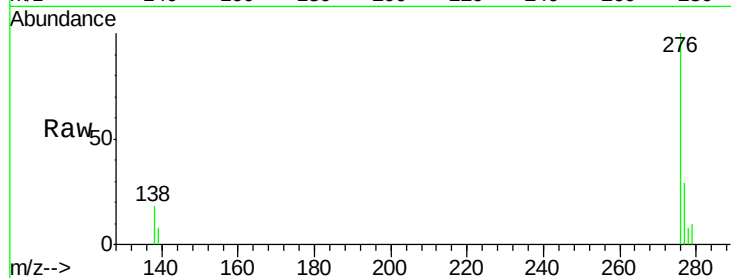
Acq: 05 Aug 2019 01:43

Instrument :

BNA_M

ClientSampleId :

A52G5



Tgt Ion:	276	Resp:	13117
Ion Ratio	Lower	Upper	
276	100		
138	18.4	15.5	23.3
277	29.3	21.4	32.2

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