

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021813.D
 Acq On : 04 Aug 2019 15:23
 Operator : HP/JU
 Sample : K3850-21
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS7

Manual Integrations
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Quant Time: Aug 05 06:56:28 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 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	845	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	3383	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	1996	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	5138m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	5105m	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	5469m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1072	0.19	ng/ul	-0.01
14) Fluoranthene-d10	19.08	212	3822m	0.22	ng/ul	-0.01
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.10	142	194	0.030	ng/ul	99
7) Acenaphthylene	14.01	152	535	0.057	ng/ul#	79
12) Phenanthrene	17.08	178	3427	0.229	ng/ul	99
13) Anthracene	17.18	178	740m	0.058	ng/ul	
15) Fluoranthene	19.11	202	8941m	0.446	ng/ul	
17) Pyrene	19.47	202	8391	0.400	ng/ul	99
18) Benzo(a)anthracene	21.23	228	4282	0.234	ng/ul	93
19) Chrysene	21.28	228	5317	0.226	ng/ul#	93
21) Benzo(b)fluoranthene	22.79	252	7556m	0.410	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	2669m	0.128	ng/ul	
23) Benzo(a)pyrene	23.36	252	4829m	0.257	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.68	276	4049m	0.181	ng/ul	
25) Dibenzo(a,h)anthracene	25.69	278	949m	0.052	ng/ul	
26) Benzo(g,h,i)perylene	26.36	276	4259m	0.211	ng/ul	

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

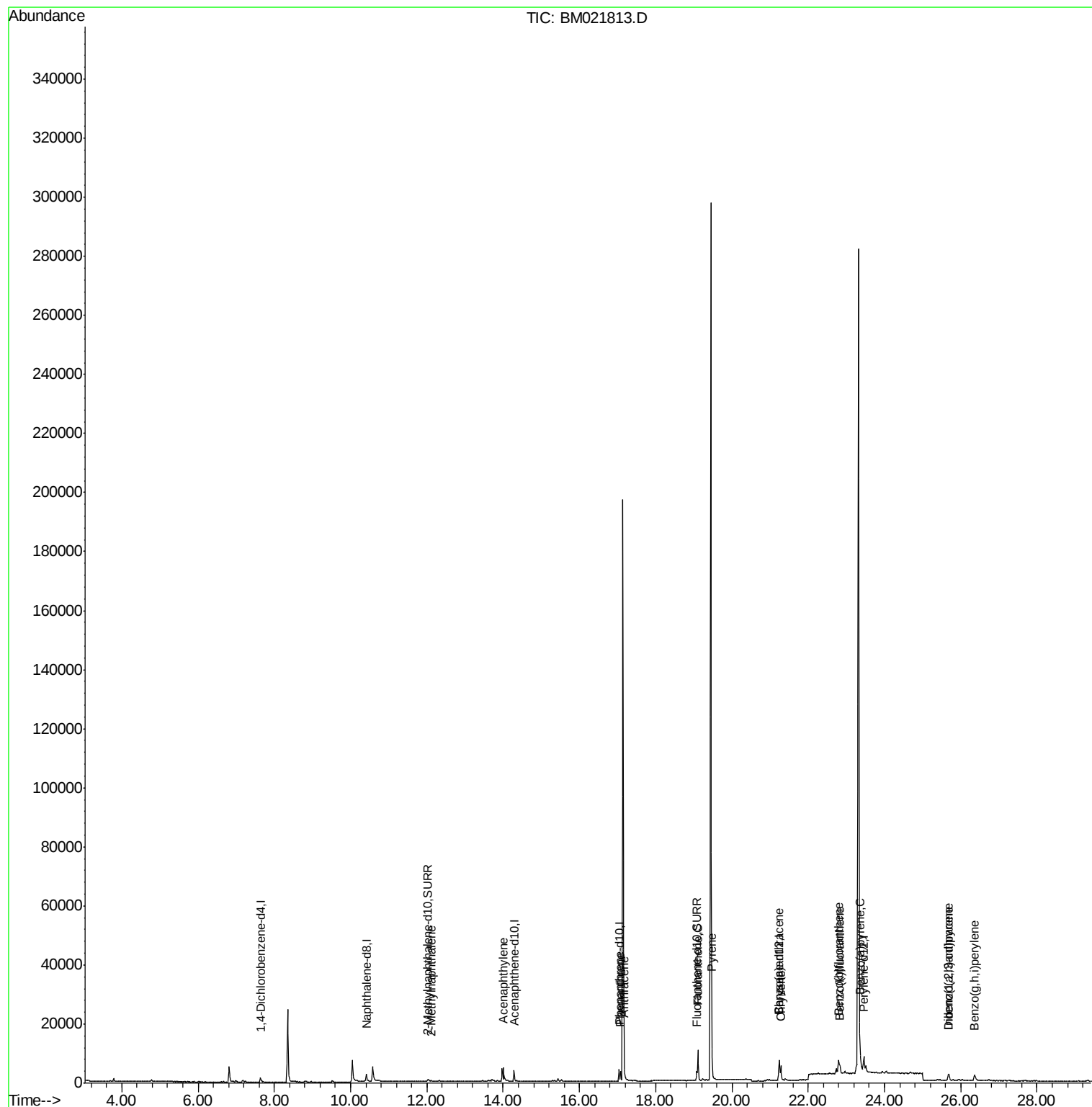
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
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ALS Vial : 56 Sample Multiplier: 1

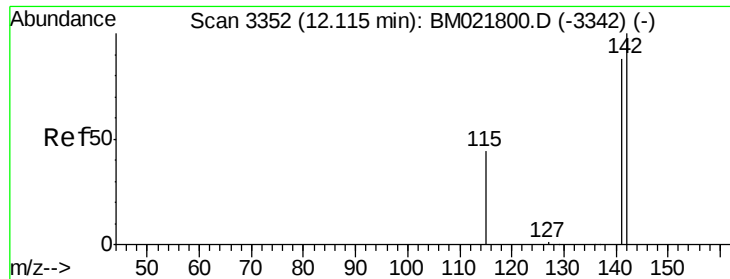
Instrument :
BNA_M
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QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.10 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM021813.D

Acq: 04 Aug 2019 15:23

Instrument :

BNA_M

ClientSampleId :

BENS7

Tgt Ion:142 Resp: 194

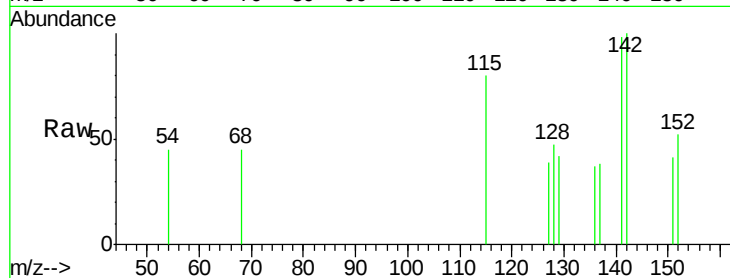
Ion Ratio Lower Upper

142 100

141 92.3 74.3 111.5

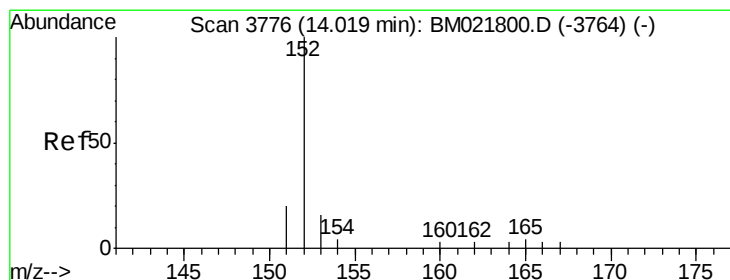
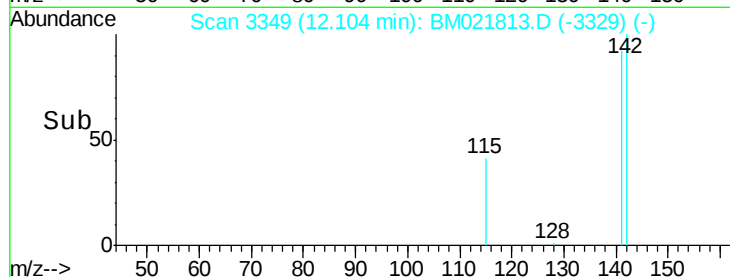
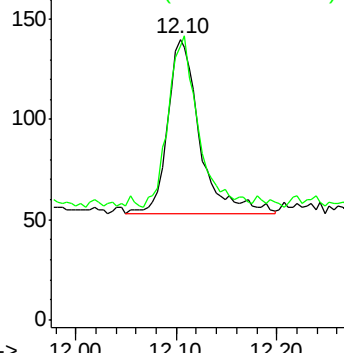
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#7

Acenaphthylene

Concen: 0.057 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.01 min

Lab File: BM021813.D

Acq: 04 Aug 2019 15:23

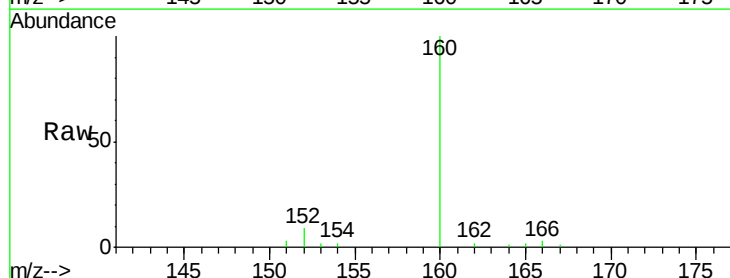
Tgt Ion:152 Resp: 535

Ion Ratio Lower Upper

152 100

151 31.1 18.3 27.5#

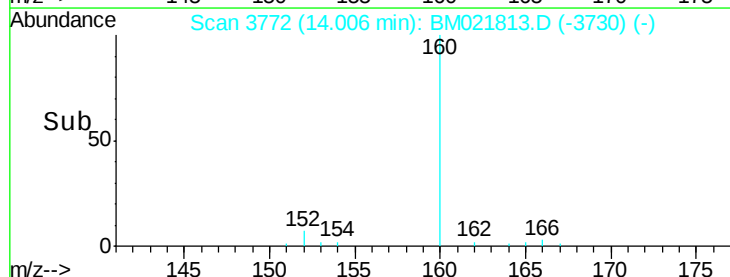
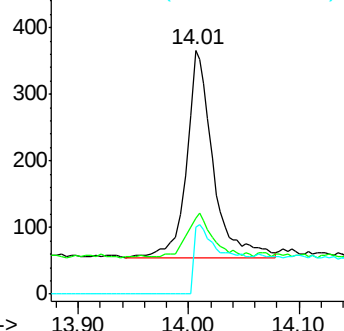
153 27.6 12.8 19.2#

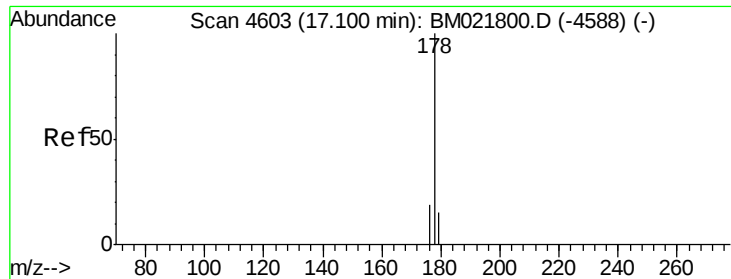


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#12

Phenanthrene

Concen: 0.229 ng/ul

RT: 17.08 min Scan# 4597

Delta R.T. -0.02 min

Lab File: BM021813.D

Acq: 04 Aug 2019 15:23

Instrument :

BNA_M

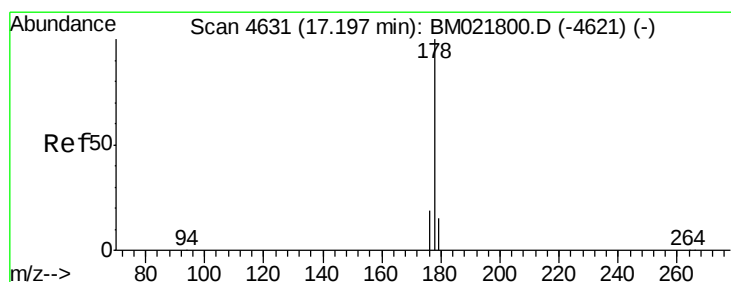
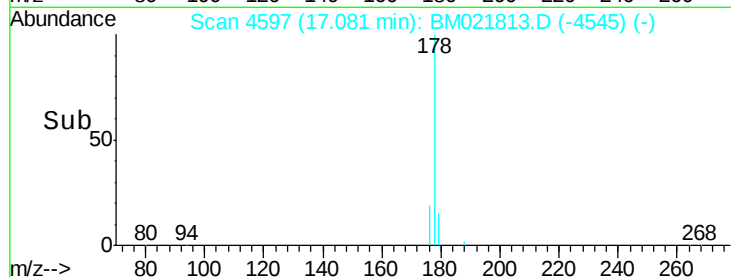
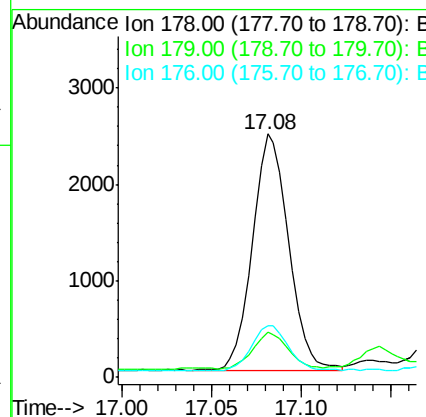
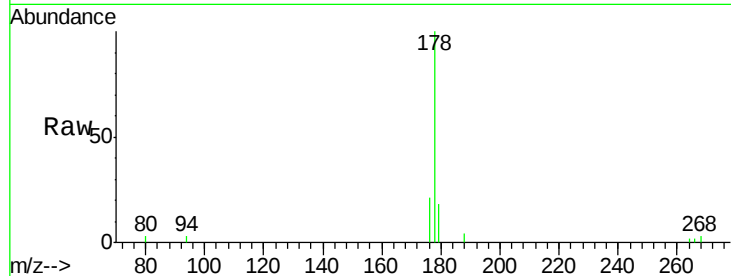
ClientSampleId :

BENS7

Tgt Ion:	178	Resp:	3427
Ion Ratio	Lower	Upper	
178	100		
179	18.4	14.2	21.2
176	21.3	16.8	25.2

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#13

Anthracene

Concen: 0.058 ng/ul m

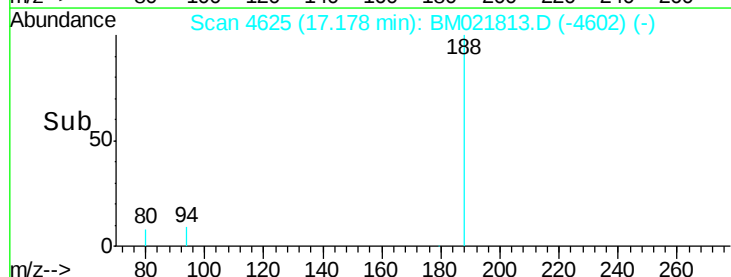
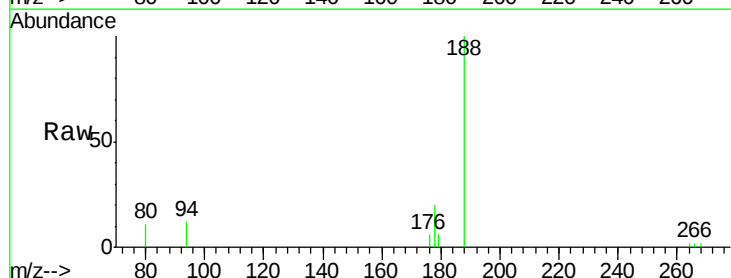
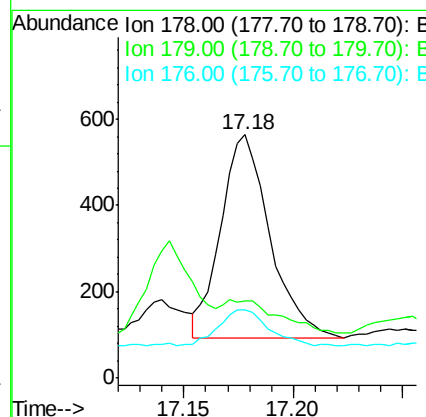
RT: 17.18 min Scan# 4625

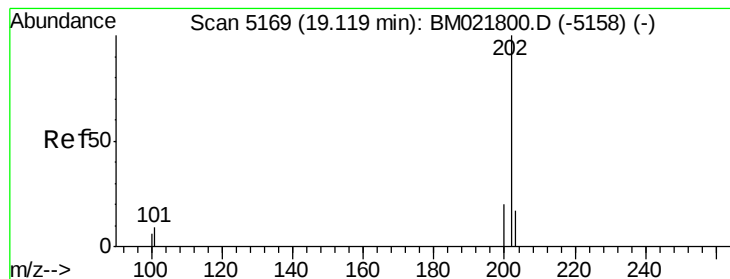
Delta R.T. -0.02 min

Lab File: BM021813.D

Acq: 04 Aug 2019 15:23

Tgt Ion:	178	Resp:	740
Ion Ratio	Lower	Upper	
178	100		
179	31.6	15.5	23.3#
176	28.2	16.6	25.0#





#15

Fluoranthene

Concen: 0.446 ng/ul m

RT: 19.11 min Scan# 5166

Delta R.T. -0.01 min

Lab File: BM021813.D

Acq: 04 Aug 2019 15:23

Instrument :

BNA_M

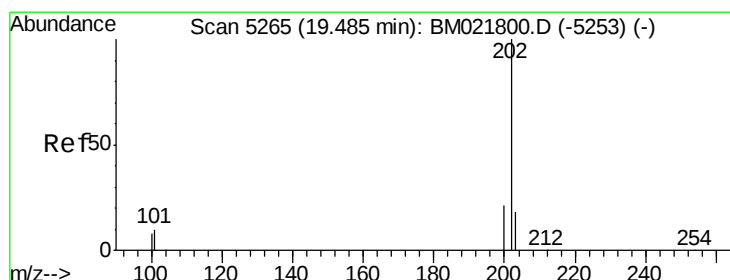
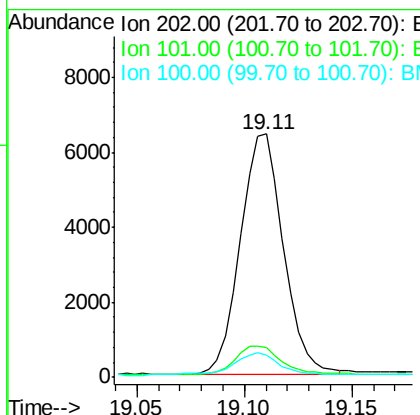
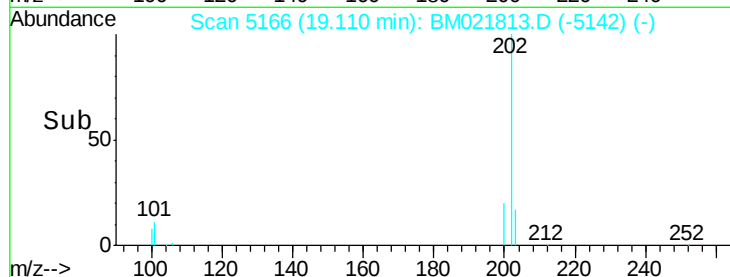
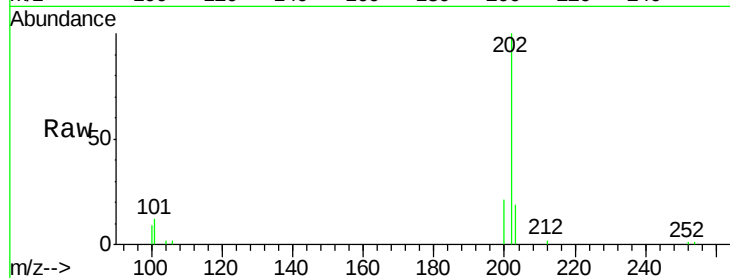
ClientSampleId :

BENS7

Tgt Ion:	202	Resp:	8941
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	30.2
100	9.0	0.0	28.1

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#17

Pyrene

Concen: 0.400 ng/ul

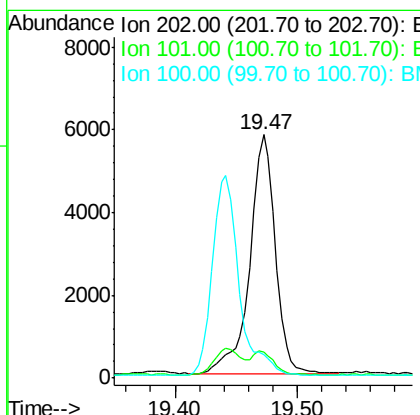
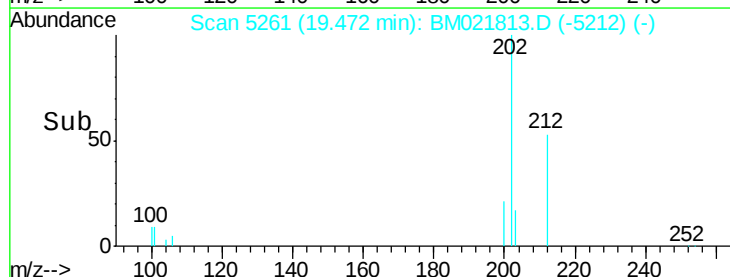
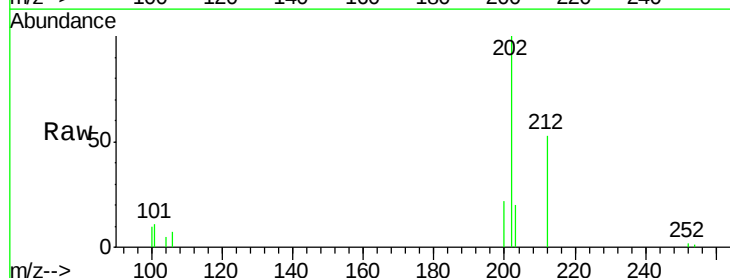
RT: 19.47 min Scan# 5261

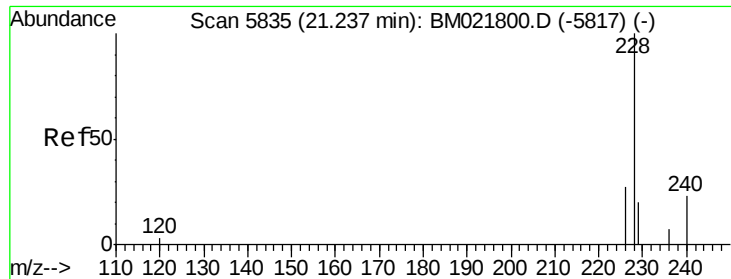
Delta R.T. -0.01 min

Lab File: BM021813.D

Acq: 04 Aug 2019 15:23

Tgt Ion:	202	Resp:	8391
Ion Ratio	Lower	Upper	
202	100		
101	10.8	8.3	12.5
100	9.5	7.2	10.8





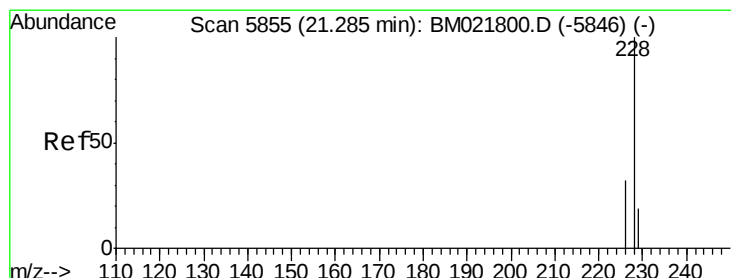
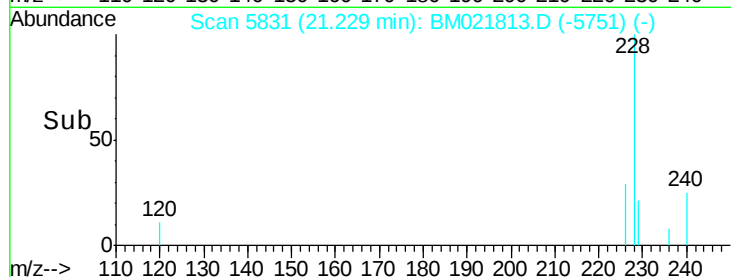
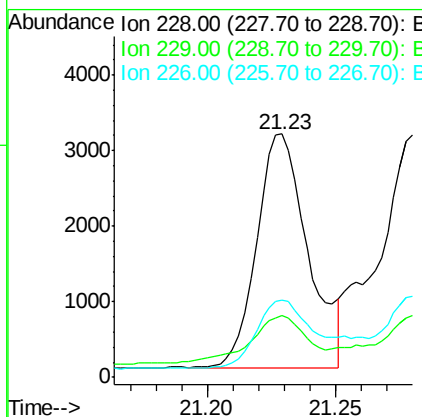
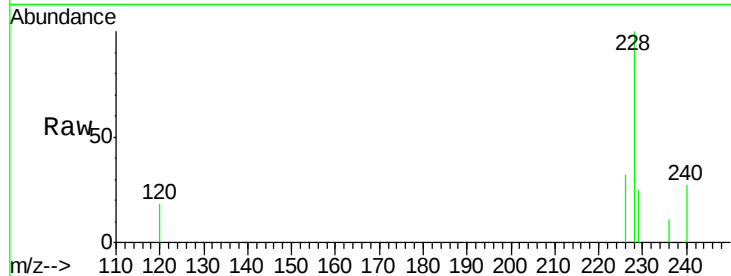
#18
Benzo(a)anthracene
Concen: 0.234 ng/ul
RT: 21.23 min Scan# 5831
Delta R.T. -0.01 min
Lab File: BM021813.D
Acq: 04 Aug 2019 15:23

Instrument :
BNA_M
ClientSampleId :
BENS7

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.5	17.2	25.8
226	31.8	22.6	34.0

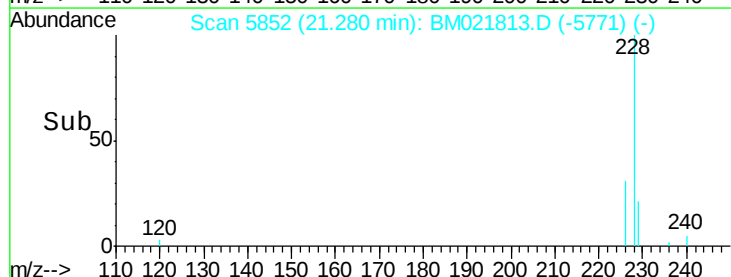
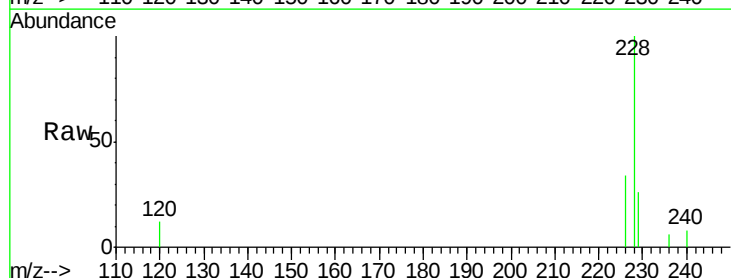
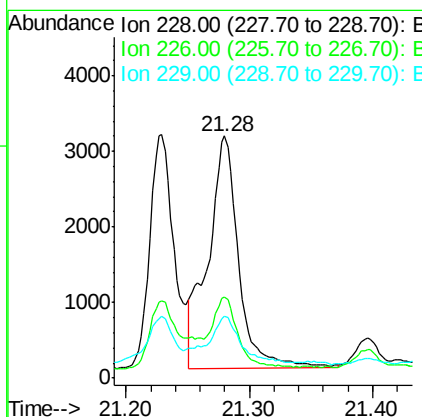
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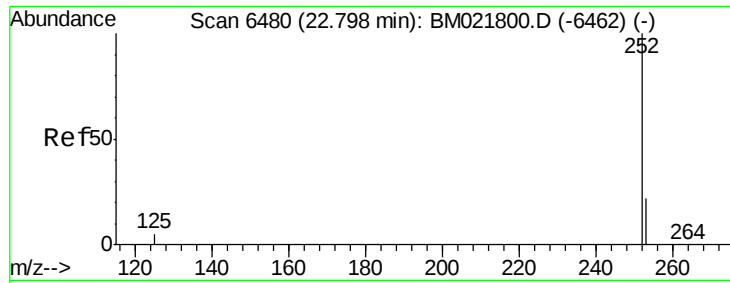
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#19
Chrysene
Concen: 0.226 ng/ul
RT: 21.28 min Scan# 5852
Delta R.T. -0.01 min
Lab File: BM021813.D
Acq: 04 Aug 2019 15:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.9	37.3
229	25.6	16.6	25.0





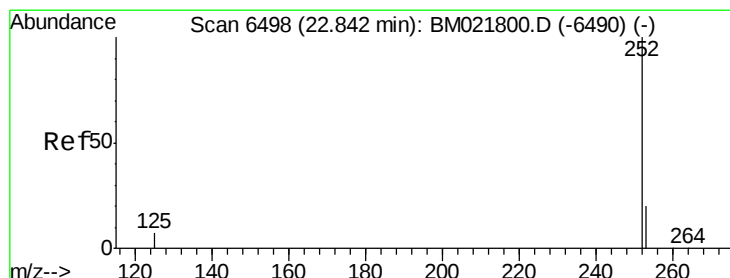
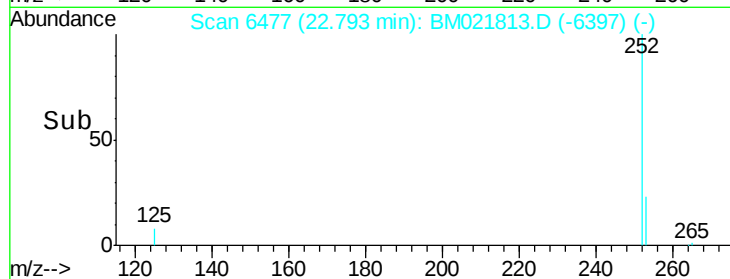
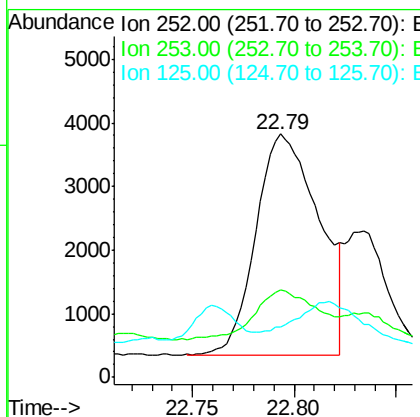
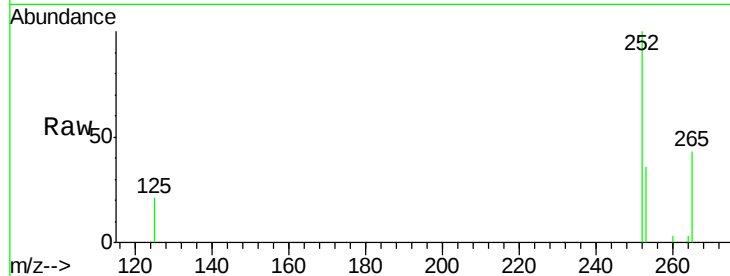
#21
Benzo(b)fluoranthene
Concen: 0.410 ng/ul m
RT: 22.79 min Scan# 6477
Delta R.T. -0.01 min
Lab File: BM021813.D
Acq: 04 Aug 2019 15:23

Instrument :
BNA_M
ClientSampleId :
BENS7

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	35.8	0.0	67.4
125	20.9	0.0	31.0

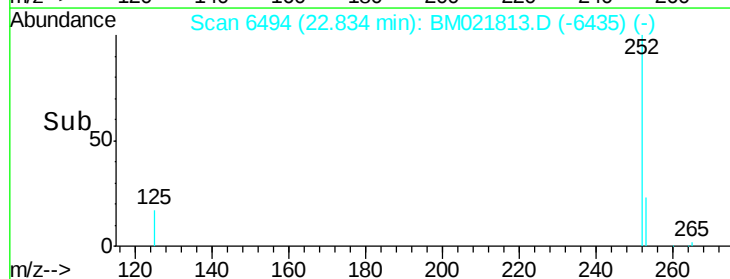
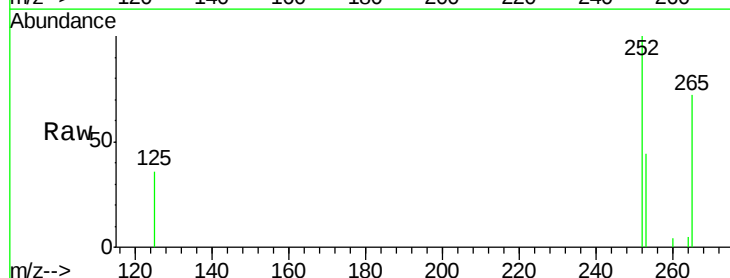
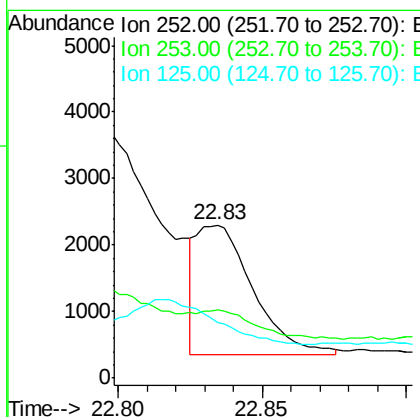
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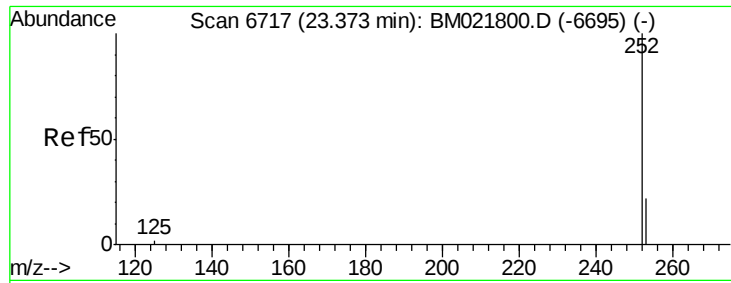
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#22
Benzo(k)fluoranthene
Concen: 0.128 ng/ul m
RT: 22.83 min Scan# 6494
Delta R.T. -0.01 min
Lab File: BM021813.D
Acq: 04 Aug 2019 15:23

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	44.2	27.0	40.4#
125	36.0	12.2	18.2#





#23

Benzo(a)pyrene

Concen: 0.257 ng/ul m

RT: 23.36 min Scan# 6711

Delta R.T. -0.01 min

Lab File: BM021813.D

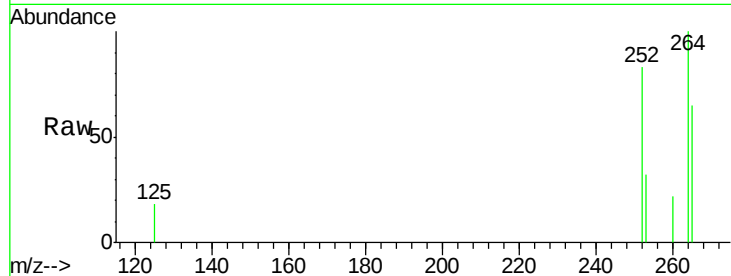
Acq: 04 Aug 2019 15:23

Instrument :

BNA_M

ClientSampleId :

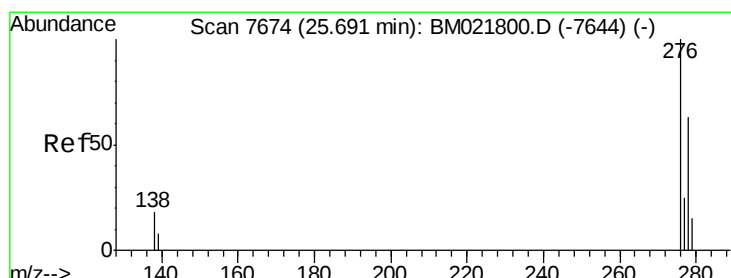
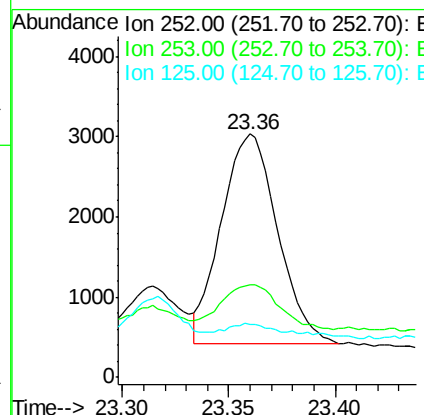
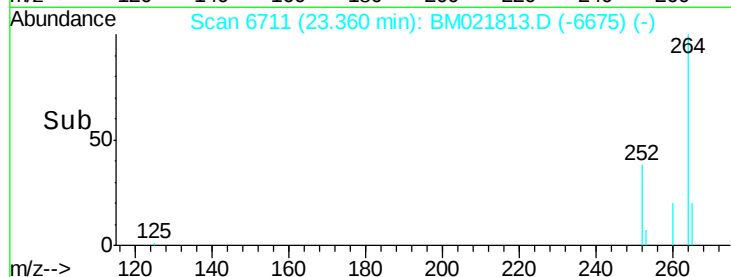
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Tgt Ion:	252	Resp:	4829
Ion Ratio	Lower	Upper	
252	100		
253	38.1	31.7	47.5
125	21.7	14.6	21.8

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.181 ng/ul m

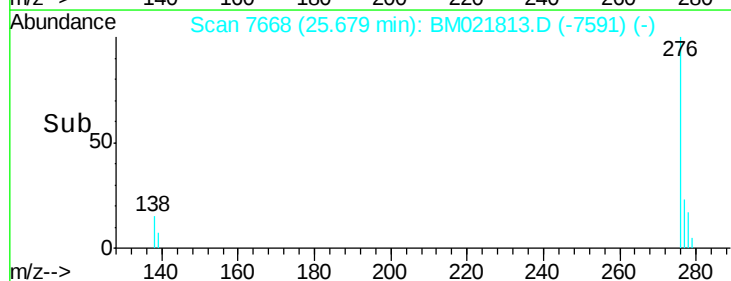
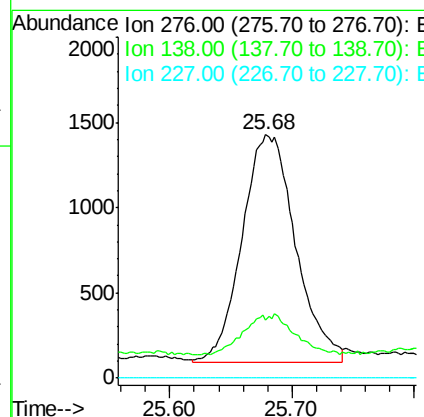
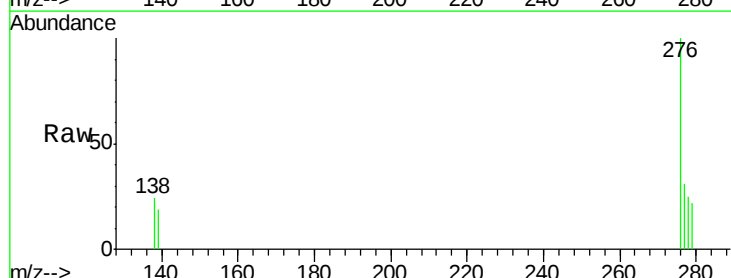
RT: 25.68 min Scan# 7668

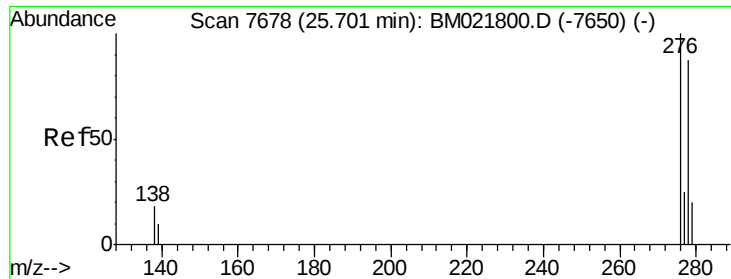
Delta R.T. -0.01 min

Lab File: BM021813.D

Acq: 04 Aug 2019 15:23

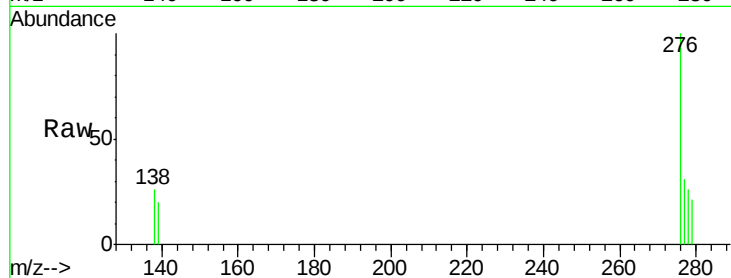
Tgt Ion:	276	Resp:	4049
Ion Ratio	Lower	Upper	
276	100		
138	0.5	15.1	22.7#
227	0.0	0.0	0.0





#25
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul m
RT: 25.69 min Scan# 7671
Delta R.T. -0.01 min
Lab File: BM021813.D
Acq: 04 Aug 2019 15:23

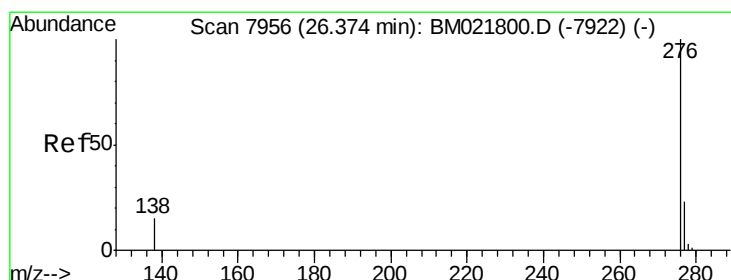
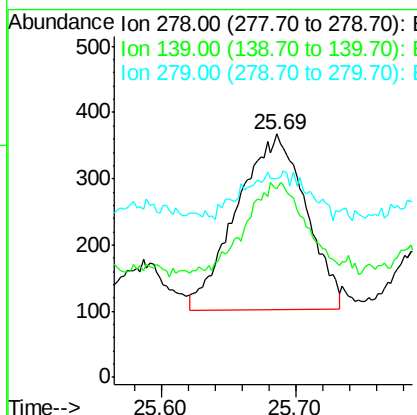
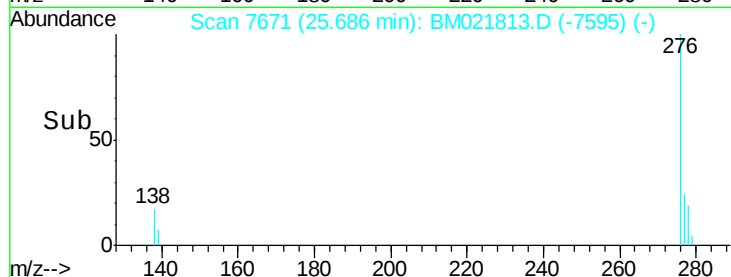
Instrument :
BNA_M
ClientSampleId :
BENS7



Tgt Ion: 278 Resp: 949
Ion Ratio Lower Upper
278 100
139 77.4 14.2 21.2#
279 81.8 28.3 42.5#

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#26
Benzo(g,h,i)perylene
Concen: 0.211 ng/ul m
RT: 26.36 min Scan# 7951
Delta R.T. -0.01 min
Lab File: BM021813.D
Acq: 04 Aug 2019 15:23

Tgt Ion: 276 Resp: 4259
Ion Ratio Lower Upper
276 100
138 23.2 15.5 23.3
277 30.9 21.4 32.2

