

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021791.D
 Acq On : 04 Aug 2019 02:02
 Operator : HP/JU
 Sample : K3850-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS4

Manual Integrations
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mohammad
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Quant Time: Aug 04 05:05:18 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 : Sun Aug 04 04:24:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1167	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.42	136	4588	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.29	164	2841	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	8264m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	8360m	0.40	ng/ul	-0.01
20) Perylene-d12	23.46	264	9486m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1240	0.16	ng/ul	-0.04
14) Fluoranthene-d10	19.08	212	5708m	0.20	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.47	128	1943	0.150	ng/ul	98
5) 2-Methylnaphthalene	12.10	142	2575	0.298	ng/ul	97
7) Acenaphthylene	14.01	152	17917	1.352	ng/ul	95
8) Acenaphthene	14.35	153	1483	0.137	ng/ul	95
9) Fluorene	15.35	166	4976	0.413	ng/ul	99
12) Phenanthrene	17.09	178	121301m	5.045	ng/ul	
13) Anthracene	17.18	178	29266m	1.427	ng/ul	
15) Fluoranthene	19.11	202	282668m	8.776	ng/ul	
17) Pyrene	19.48	202	213092	6.203	ng/ul#	92
18) Benzo(a)anthracene	21.23	228	142744m	4.774	ng/ul	
19) Chrysene	21.28	228	135058	3.512	ng/ul	96
21) Benzo(b)fluoranthene	22.80	252	191628m	5.991	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	73561m	2.032	ng/ul	
23) Benzo(a)pyrene	23.37	252	116848m	3.592	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.68	276	94745m	2.439	ng/ul	
25) Dibenzo(a,h)anthracene	25.69	278	25100m	0.799	ng/ul	
26) Benzo(g,h,i)perylene	26.37	276	90228m	2.580	ng/ul	

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

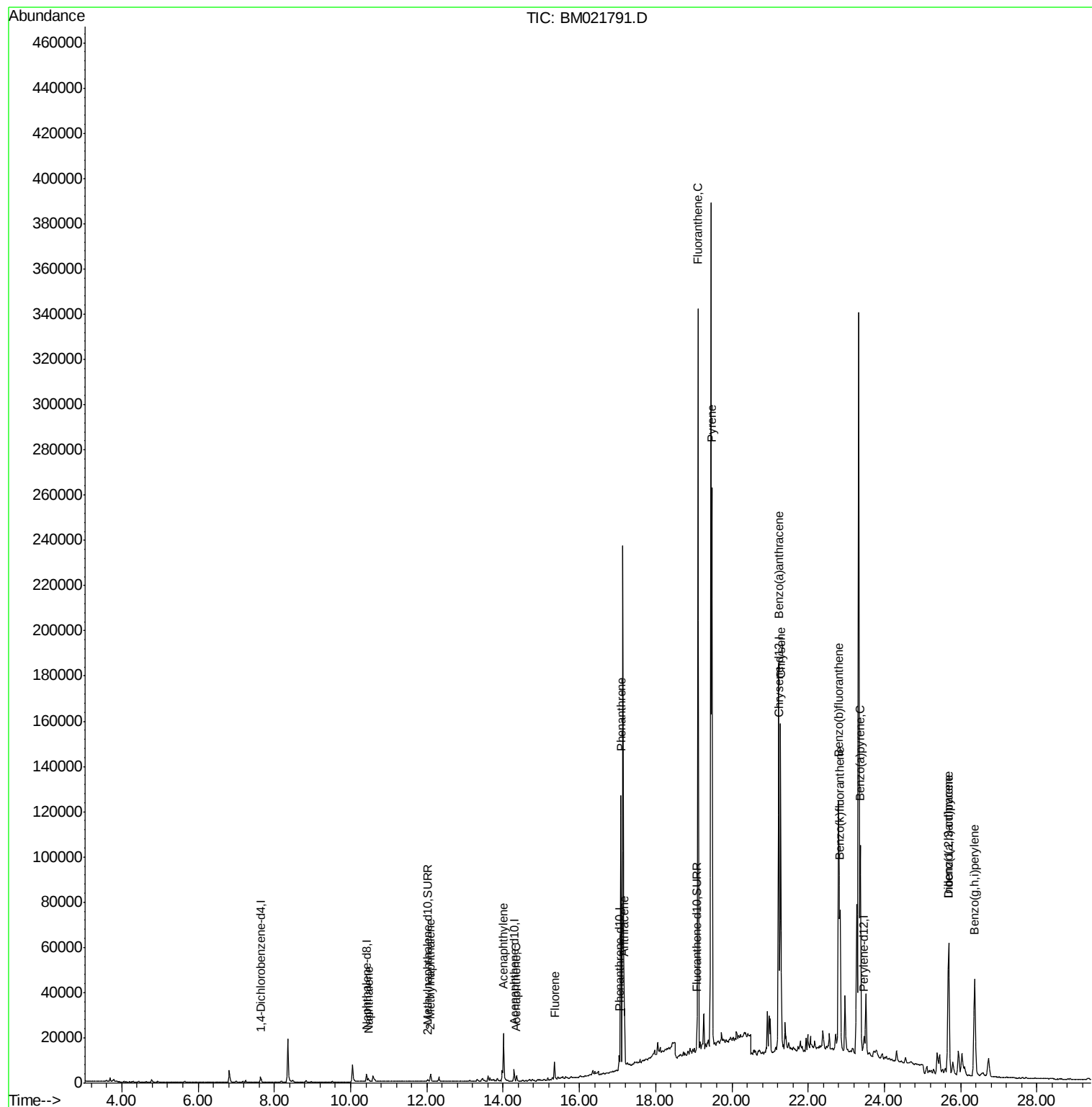
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021791.D
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ALS Vial : 34 Sample Multiplier: 1

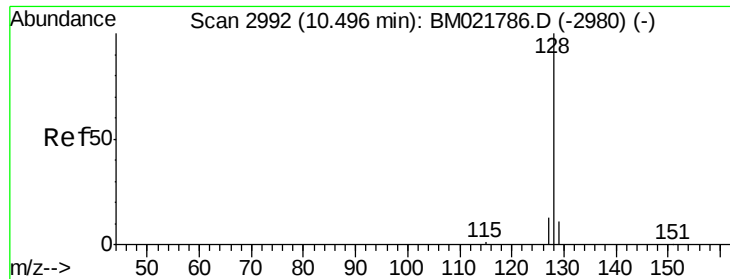
Instrument :
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QLast Update : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.150 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. -0.03 min

Lab File: BM021791.D

Acq: 04 Aug 2019 02:02

Instrument :

BNA_M

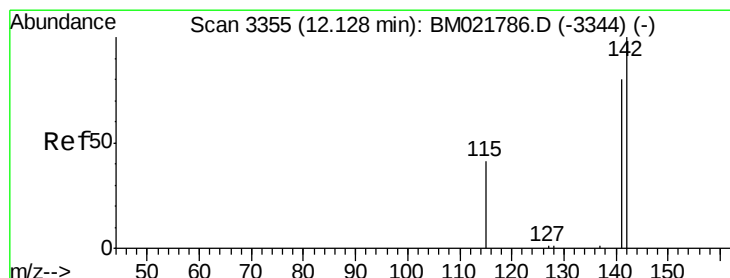
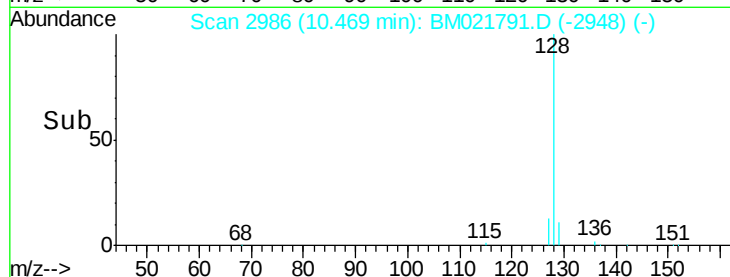
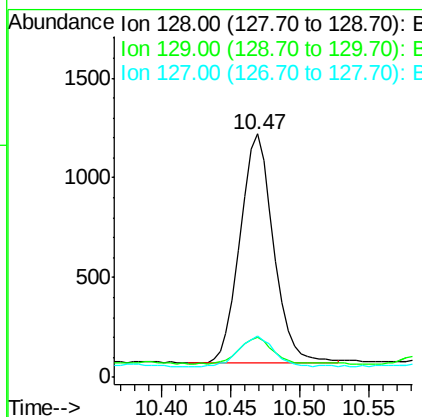
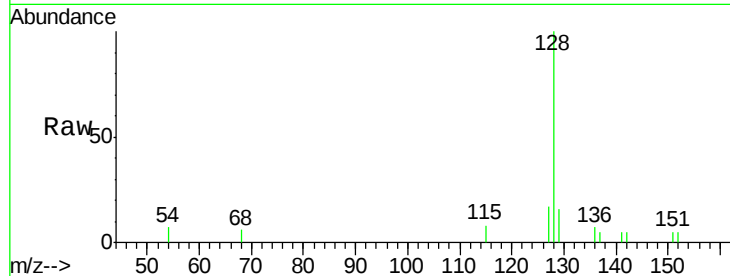
ClientSampleId :

BENS4

Tgt Ion:	128	Resp:	1943
Ion Ratio	Lower	Upper	
128	100		
129	16.4	12.3	18.5
127	16.9	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.298 ng/ul

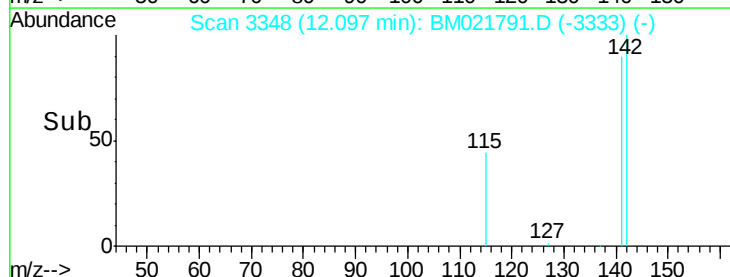
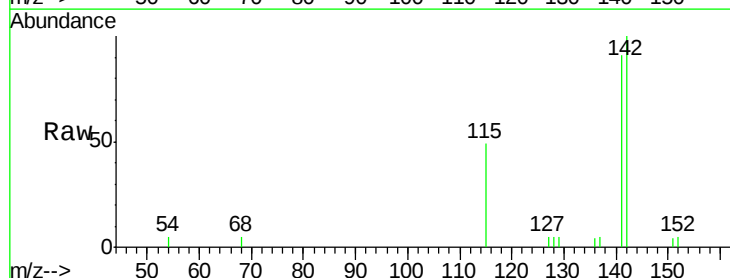
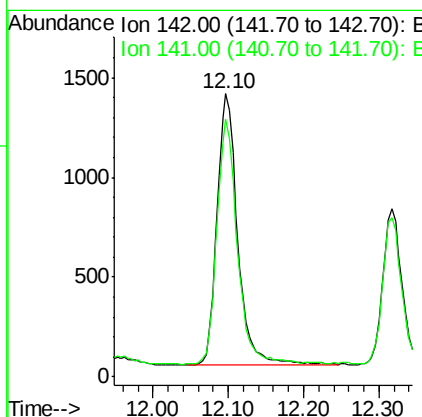
RT: 12.10 min Scan# 3348

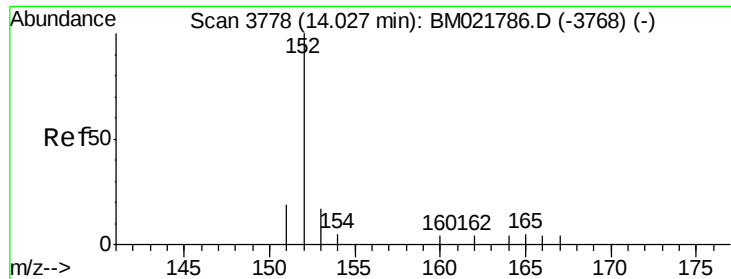
Delta R.T. -0.03 min

Lab File: BM021791.D

Acq: 04 Aug 2019 02:02

Tgt Ion:	142	Resp:	2575
Ion Ratio	Lower	Upper	
142	100		
141	89.9	74.3	111.5





#7

Acenaphthylene

Concen: 1.352 ng/ul

RT: 14.01 min Scan# 3774

Delta R.T. -0.02 min

Lab File: BM021791.D

Acq: 04 Aug 2019 02:02

Instrument :

BNA_M

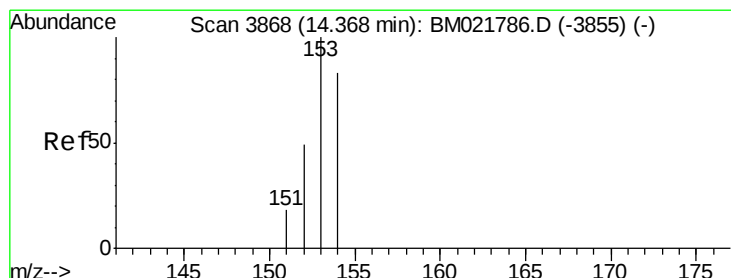
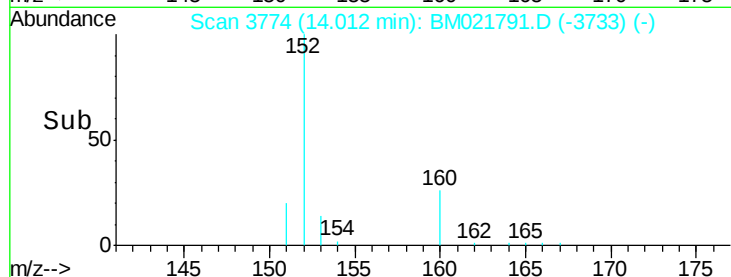
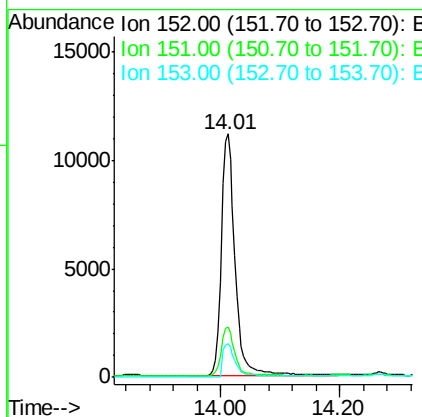
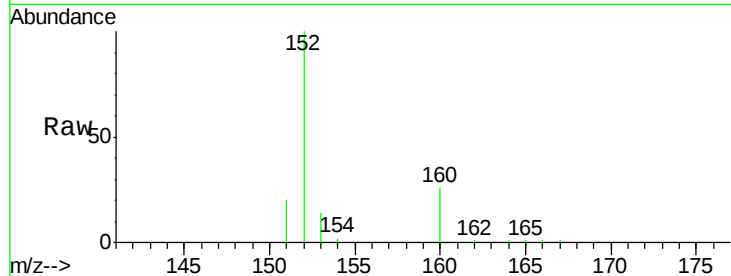
ClientSampleId :

BENS4

Tgt Ion:	152	Resp:	17917
Ion Ratio		Lower	Upper
152	100		
151	20.4	18.3	27.5
153	13.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.137 ng/ul

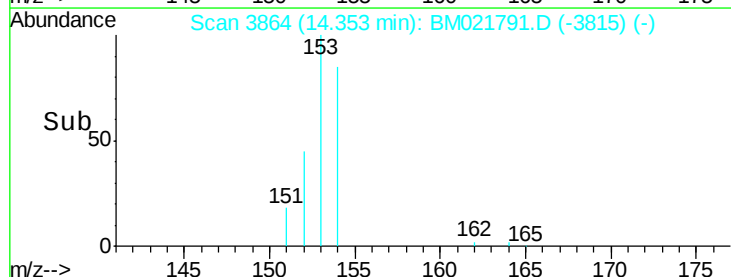
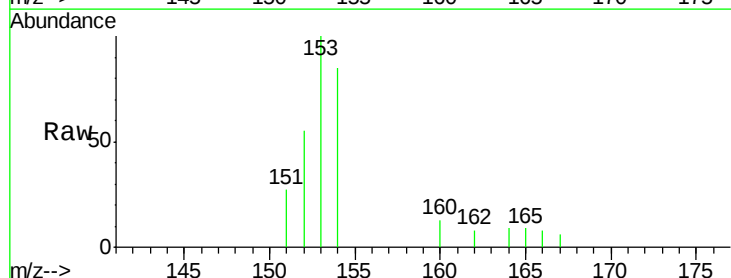
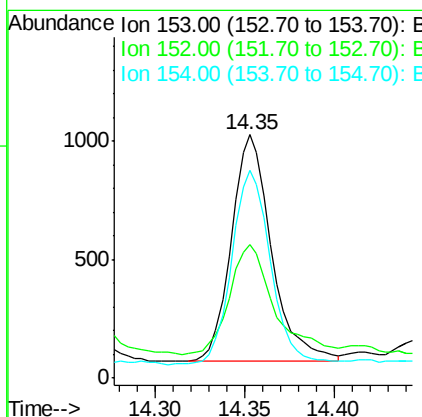
RT: 14.35 min Scan# 3864

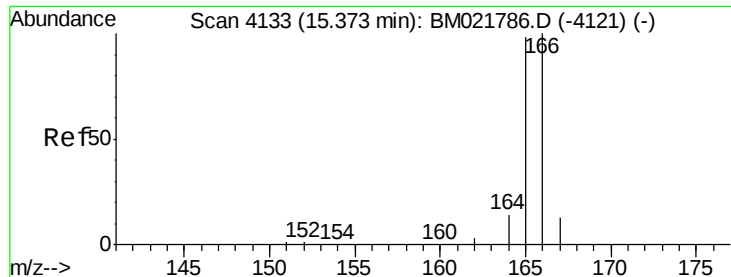
Delta R.T. -0.02 min

Lab File: BM021791.D

Acq: 04 Aug 2019 02:02

Tgt Ion:	153	Resp:	1483
Ion Ratio		Lower	Upper
153	100		
152	54.7	41.3	61.9
154	85.5	72.3	108.5





#9

Fluorene

Concen: 0.413 ng/ul

RT: 15.35 min Scan# 4126

Delta R.T. -0.03 min

Lab File: BM021791.D

Acq: 04 Aug 2019 02:02

Instrument :

BNA_M

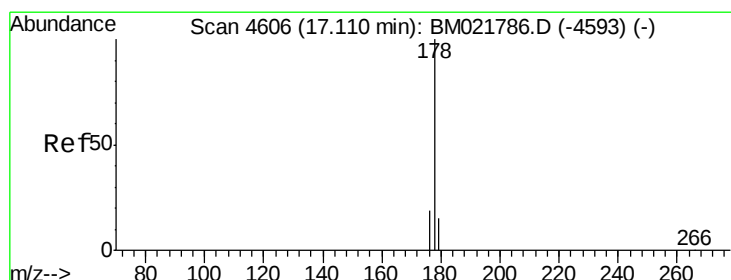
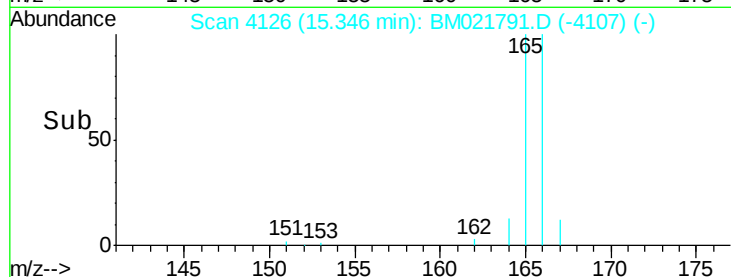
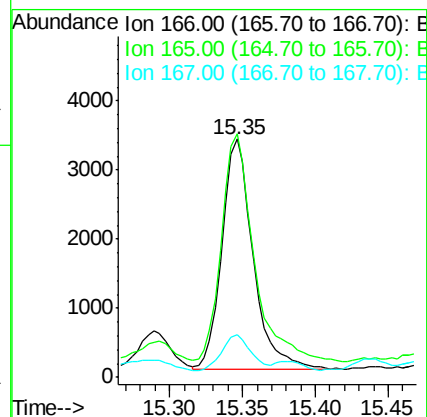
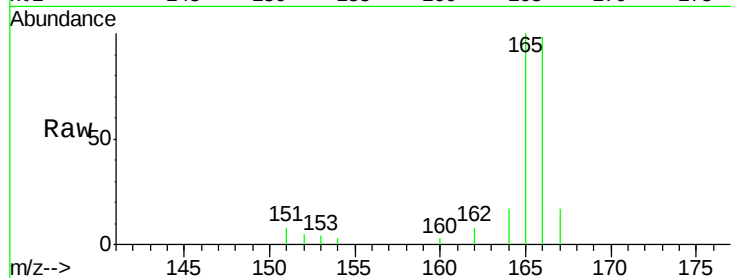
ClientSampleId :

BENS4

Tgt Ion:	166	Resp:	4976
Ion Ratio	Lower	Upper	
166	100		
165	102.3	81.4	122.0
167	17.8	13.7	20.5

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#12

Phenanthrene

Concen: 5.045 ng/ul m

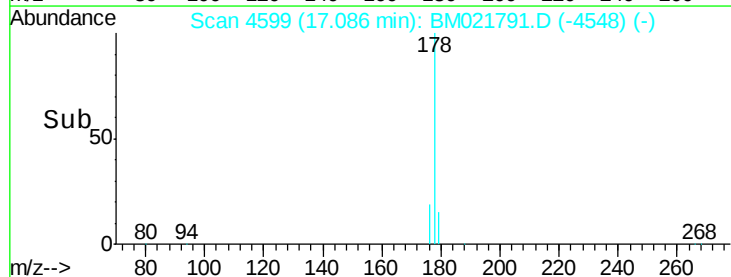
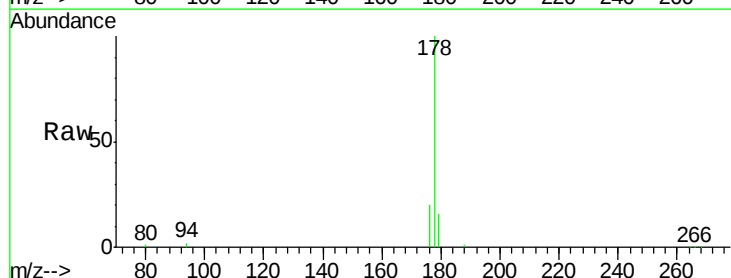
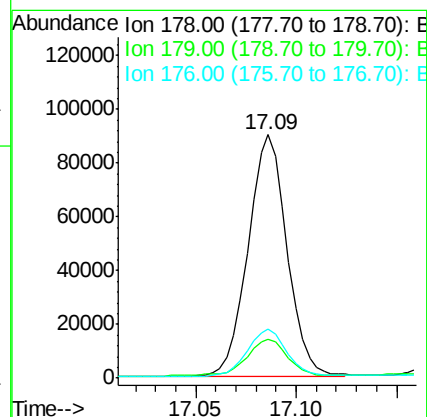
RT: 17.09 min Scan# 4599

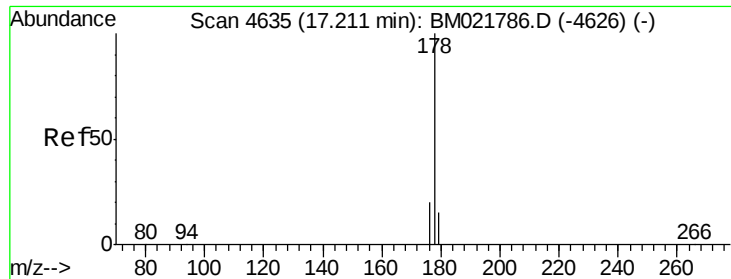
Delta R.T. -0.02 min

Lab File: BM021791.D

Acq: 04 Aug 2019 02:02

Tgt Ion:	178	Resp:	121301
Ion Ratio	Lower	Upper	
178	100		
179	16.0	14.2	21.2
176	20.1	16.8	25.2





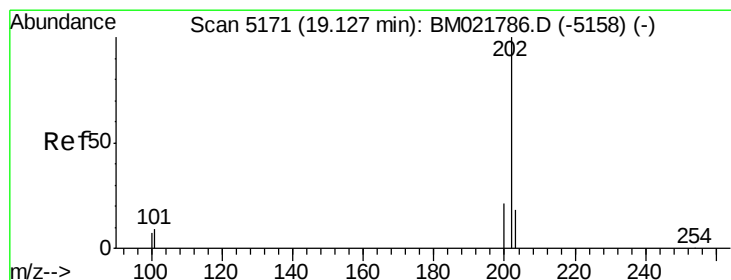
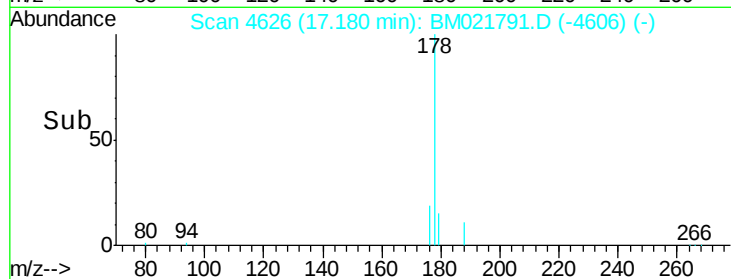
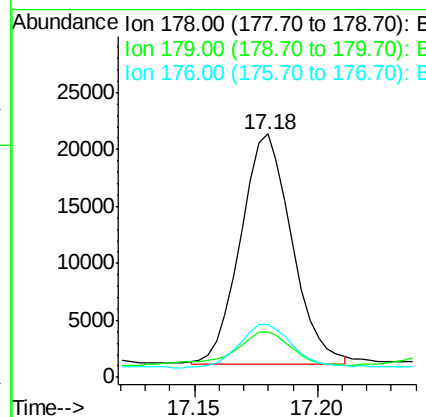
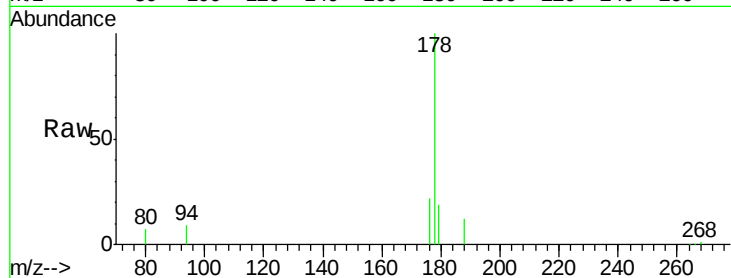
#13
 Anthracene
 Concen: 1.427 ng/ul m
 RT: 17.18 min Scan# 4626
 Delta R.T. -0.03 min
 Lab File: BM021791.D
 Acq: 04 Aug 2019 02:02

Instrument :
 BNA_M
 ClientSampleId :
 BENS4

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.7	15.5	23.3
176	21.5	16.6	25.0

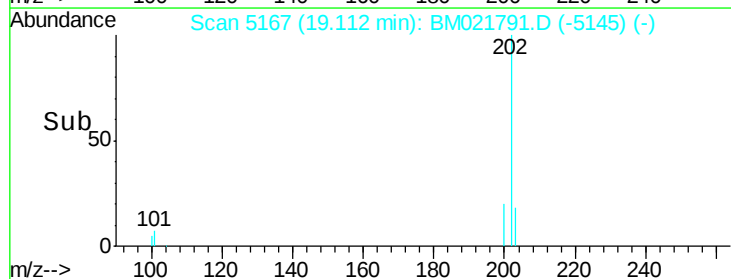
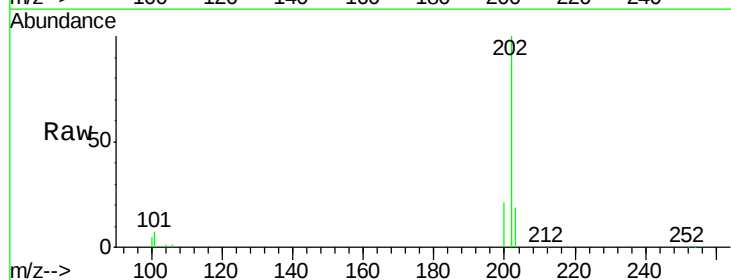
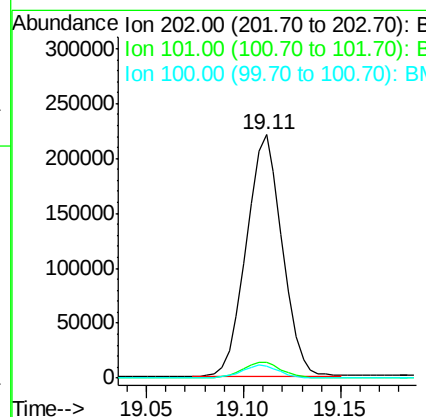
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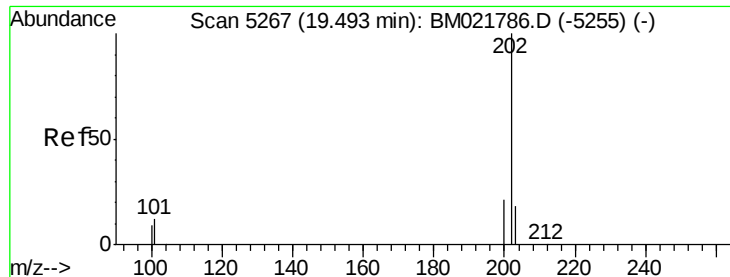
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#15
 Fluoranthene
 Concen: 8.776 ng/ul m
 RT: 19.11 min Scan# 5167
 Delta R.T. -0.02 min
 Lab File: BM021791.D
 Acq: 04 Aug 2019 02:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	30.2
100	5.0	0.0	28.1





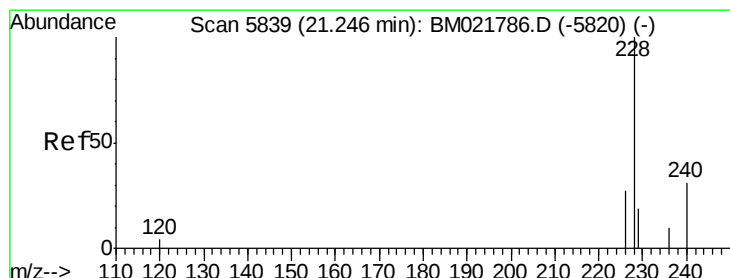
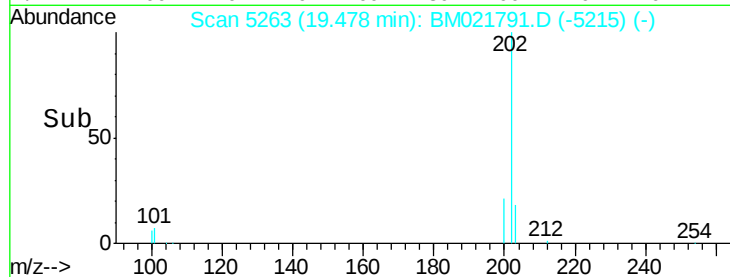
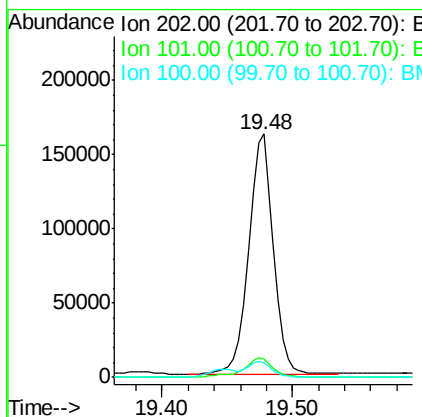
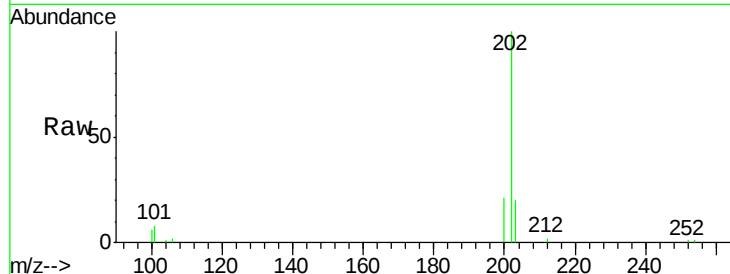
#17
Pyrene
Concen: 6.203 ng/u1
RT: 19.48 min Scan# 5263
Delta R.T. -0.02 min
Lab File: BM021791.D
Acq: 04 Aug 2019 02:02

Instrument :
BNA_M
ClientSampleId :
BENS4

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.7	8.3	12.5#
100	6.1	7.2	10.8#

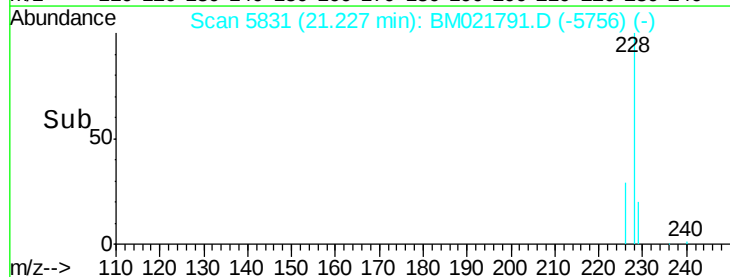
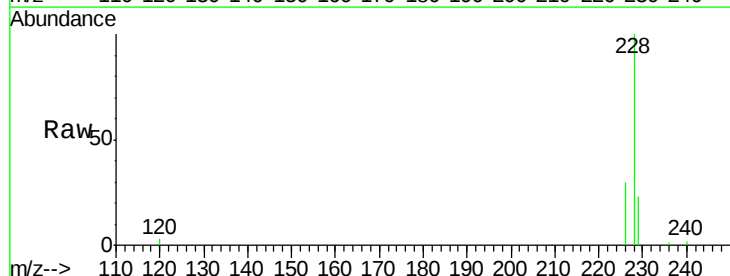
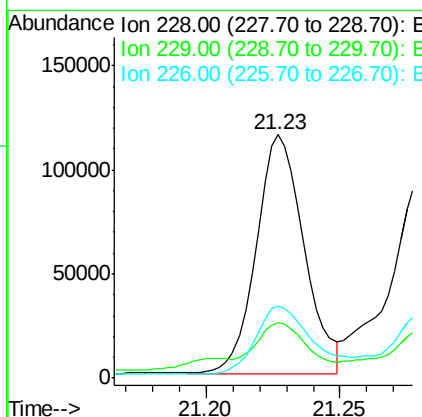
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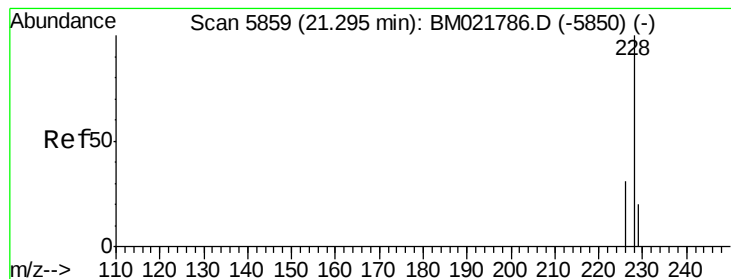
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#18
Benzo(a)anthracene
Concen: 4.774 ng/u1 m
RT: 21.23 min Scan# 5831
Delta R.T. -0.02 min
Lab File: BM021791.D
Acq: 04 Aug 2019 02:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.0	17.2	25.8
226	29.6	22.6	34.0





#19

Chrysene

Concen: 3.512 ng/ul

RT: 21.28 min Scan# 5853

Delta R.T. -0.01 min

Lab File: BM021791.D

Acq: 04 Aug 2019 02:02

Instrument :

BNA_M

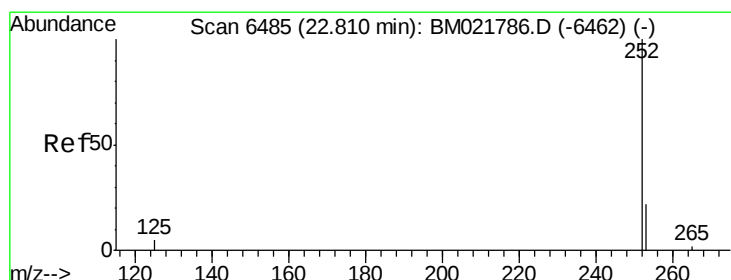
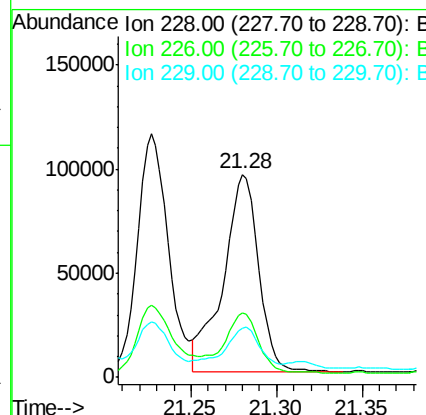
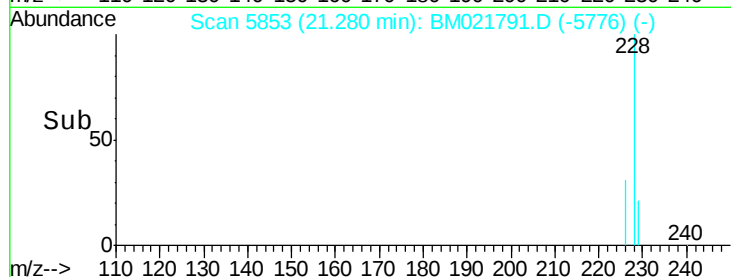
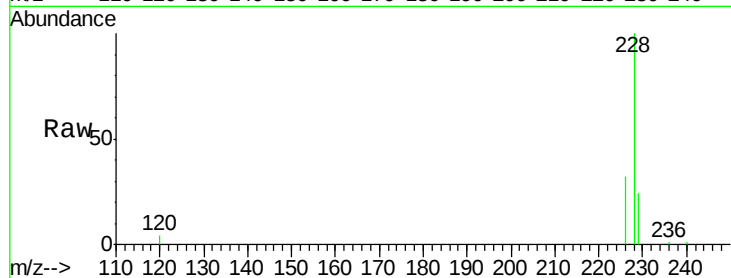
ClientSampleId :

BENS4

Tgt Ion:	228	Resp:	135058
Ion Ratio	Lower	Upper	
228	100		
226	31.9	24.9	37.3
229	24.4	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 5.991 ng/ul m

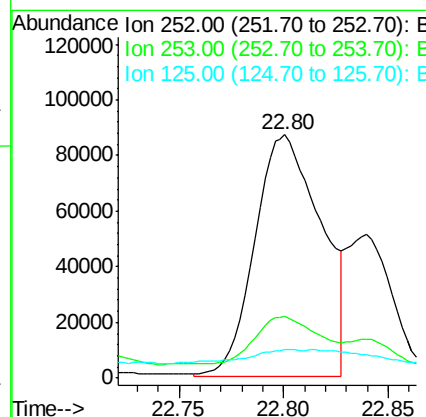
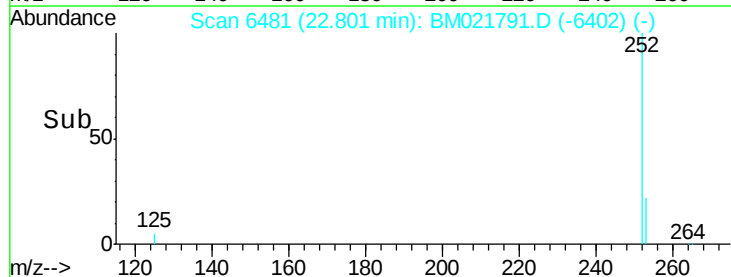
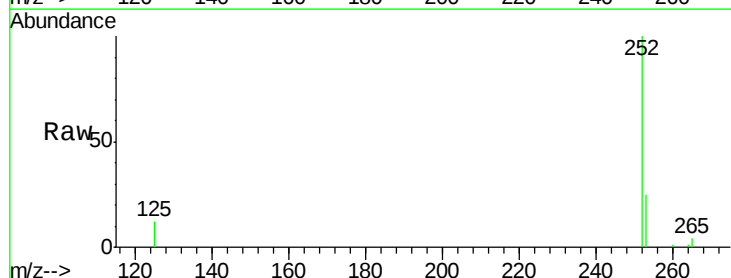
RT: 22.80 min Scan# 6481

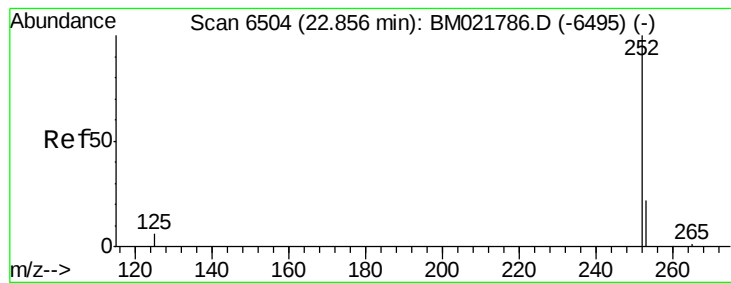
Delta R.T. -0.01 min

Lab File: BM021791.D

Acq: 04 Aug 2019 02:02

Tgt Ion:	252	Resp:	191628
Ion Ratio	Lower	Upper	
252	100		
253	25.2	0.0	67.4
125	11.5	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 2.032 ng/ul m

RT: 22.84 min Scan# 6497

Delta R.T. -0.02 min

Lab File: BM021791.D

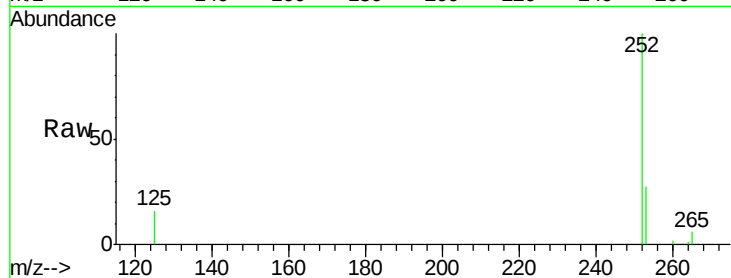
Acq: 04 Aug 2019 02:02

Instrument :

BNA_M

ClientSampled :

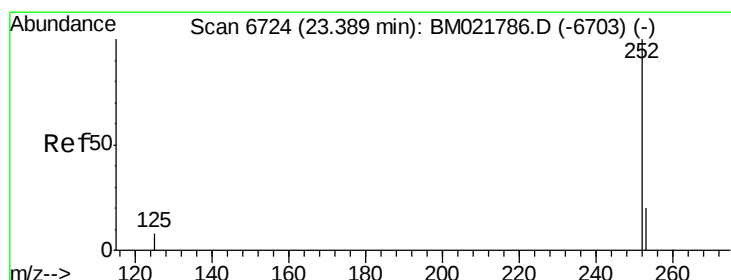
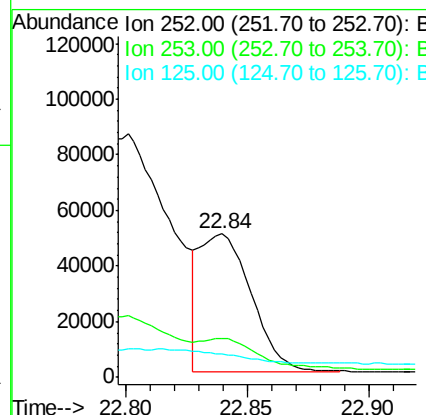
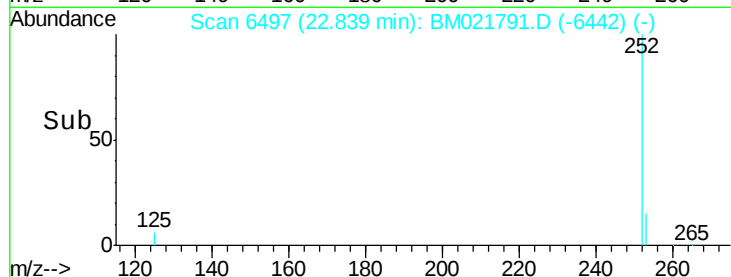
BENS4



Tgt Ion:	252	Resp:	73561
Ion Ratio	Lower	Upper	
252	100		
253	27.2	27.0	40.4
125	16.4	12.2	18.2

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#23

Benzo(a)pyrene

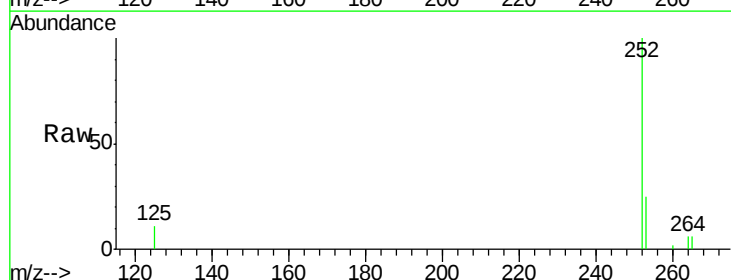
Concen: 3.592 ng/ul m

RT: 23.37 min Scan# 6714

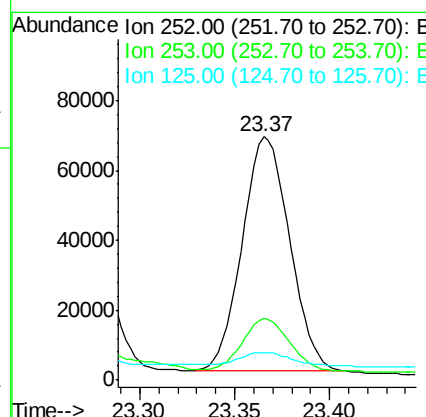
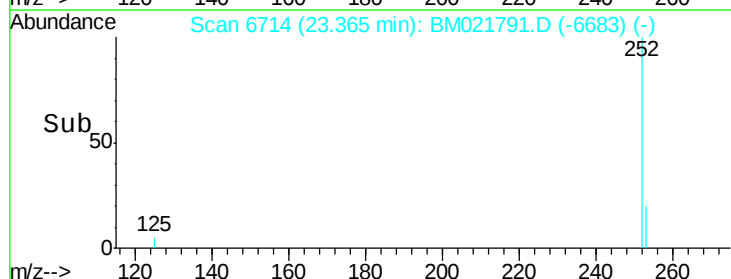
Delta R.T. -0.02 min

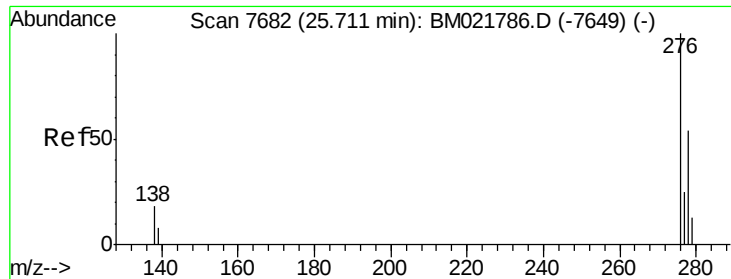
Lab File: BM021791.D

Acq: 04 Aug 2019 02:02



Tgt Ion:	252	Resp:	116848
Ion Ratio	Lower	Upper	
252	100		
253	25.2	31.7	47.5#
125	11.5	14.6	21.8#





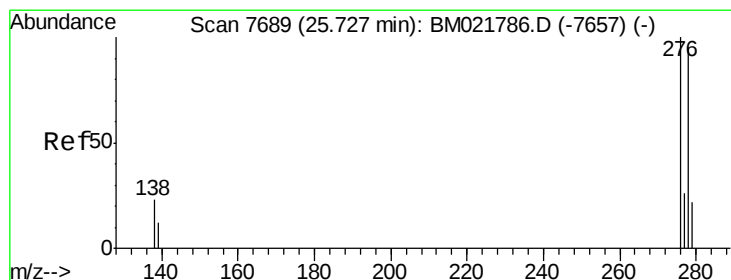
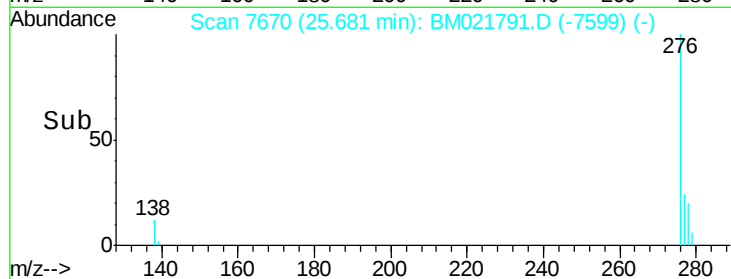
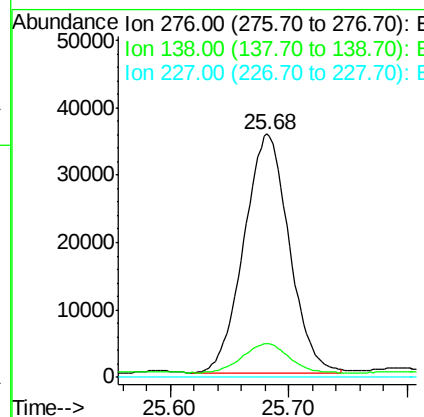
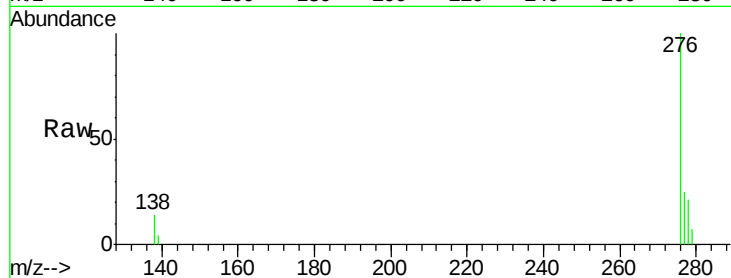
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.439 ng/ul m
RT: 25.68 min Scan# 7670
Delta R.T. -0.03 min
Lab File: BM021791.D
Acq: 04 Aug 2019 02:02

Instrument :
BNA_M
ClientSampleId :
BENS4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.7	15.1	22.7#
227	0.0	0.0	0.0

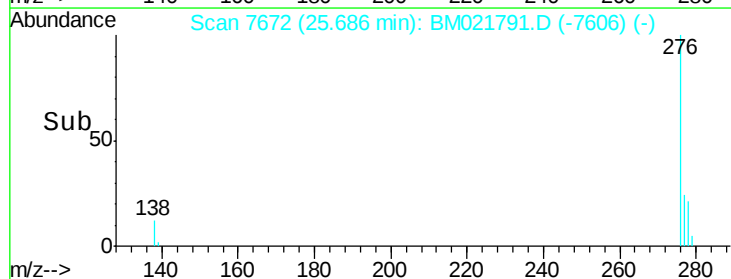
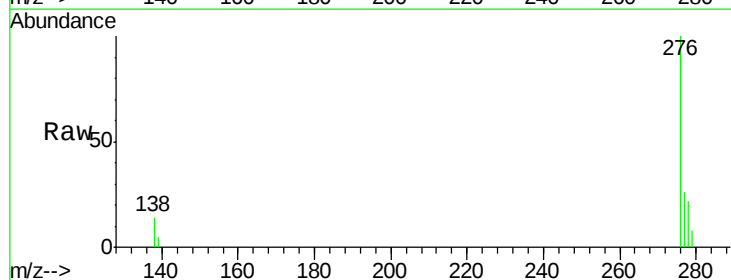
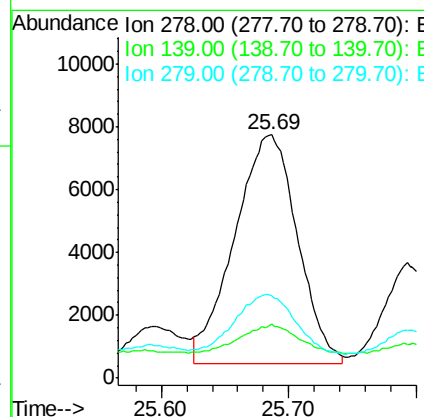
Manual Integrations
APPROVED

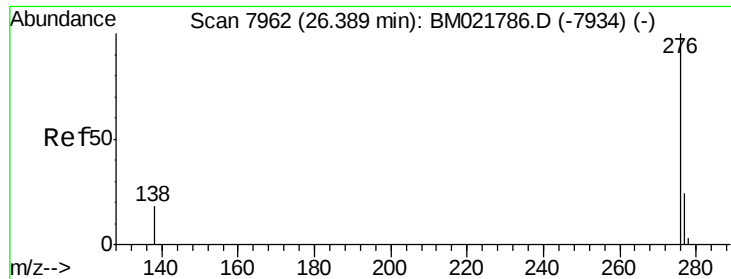
mohammad
8/5/2019 10:14:16 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.799 ng/ul m
RT: 25.69 min Scan# 7672
Delta R.T. -0.04 min
Lab File: BM021791.D
Acq: 04 Aug 2019 02:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	14.2	21.2#
279	33.9	28.3	42.5





#26

Benzo(g,h,i)perylene

Concen: 2.580 ng/ul m

RT: 26.37 min Scan# 7953

Delta R.T. -0.02 min

Lab File: BM021791.D

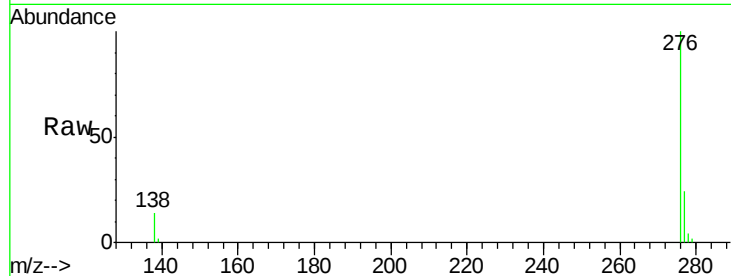
Acq: 04 Aug 2019 02:02

Instrument :

BNA_M

ClientSampleId :

BENS4



Tgt Ion: 276 Resp: 90228

Ion Ratio Lower Upper

276 100

138 13.9 15.5 23.3#

277 24.5 21.4 32.2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:16 PM

