

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021836.D
 Acq On : 05 Aug 2019 09:21
 Operator : HP/JU
 Sample : K3850-13
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS0

Manual Integrations
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mohammad
 8/5/2019 10:17:04 PM

Quant Time: Aug 05 13:39:59 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	7.63	152	990	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	4192	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2484	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	6129m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	6298m	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	9697	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1338	0.19	ng/ul	-0.03
14) Fluoranthene-d10	19.08	212	4014m	0.19	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	4685	0.396	ng/ul	95
5) 2-Methylnaphthalene	12.09	142	2962	0.375	ng/ul	96
7) Acenaphthylene	14.01	152	5929	0.512	ng/ul	98
8) Acenaphthene	14.34	153	68300	7.205	ng/ul	96
9) Fluorene	15.34	166	42487	4.036	ng/ul	98
12) Phenanthrene	17.08	178	704123m	39.483	ng/ul	
13) Anthracene	17.17	178	211424m	13.898	ng/ul	
15) Fluoranthene	19.11	202	2285032m	95.652	ng/ul	
17) Pyrene	19.48	202	2114267	81.694	ng/ul#	91
18) Benzo(a)anthracene	21.23	228	1666130m	73.960	ng/ul	
19) Chrysene	21.28	228	1515788	52.319	ng/ul	98
21) Benzo(b)fluoranthene	22.80	252	2075788m	63.480	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	823675m	22.258	ng/ul	
23) Benzo(a)pyrene	23.37	252	1636311	49.206	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.68	276	918044	23.121	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.69	278	266550	8.305	ng/ul#	87
26) Benzo(g,h,i)perylene	26.37	276	868341	24.291	ng/ul#	93

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

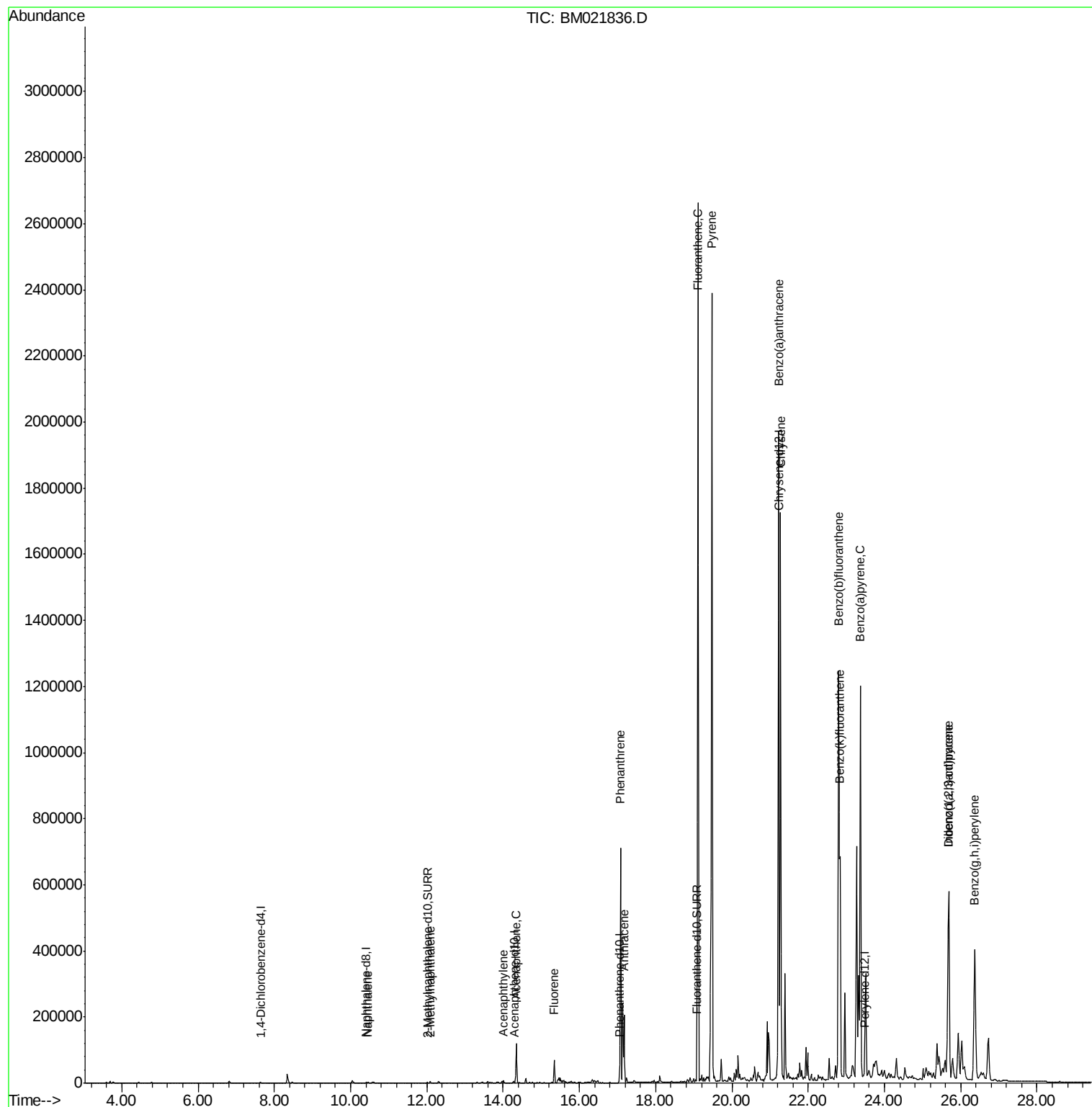
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021836.D
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ALS Vial : 79 Sample Multiplier: 1

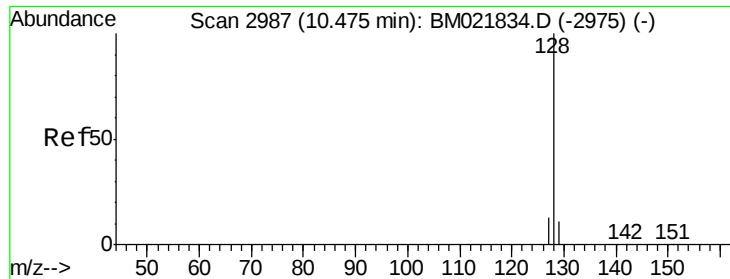
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.396 ng/ul

RT: 10.46 min Scan# 2983

Delta R.T. -0.03 min

Lab File: BM021836.D

Acq: 05 Aug 2019 09:21

Instrument :

BNA_M

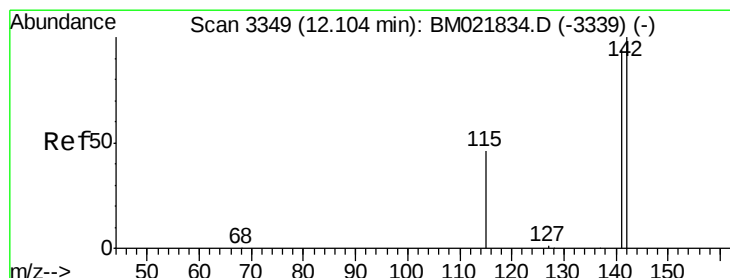
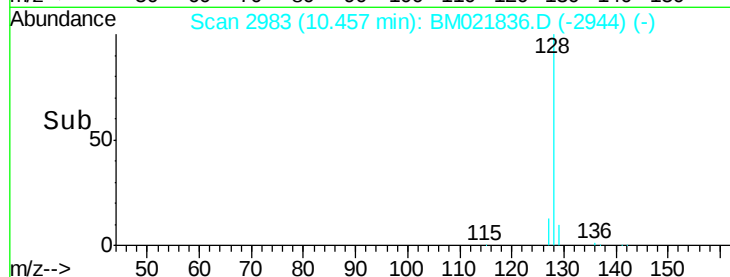
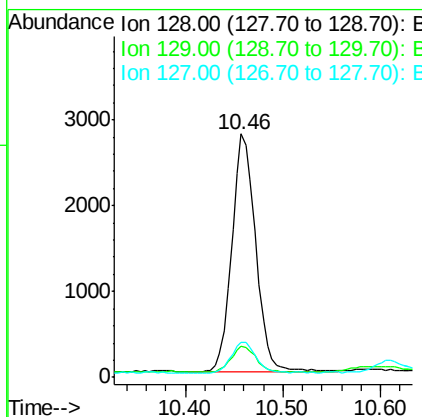
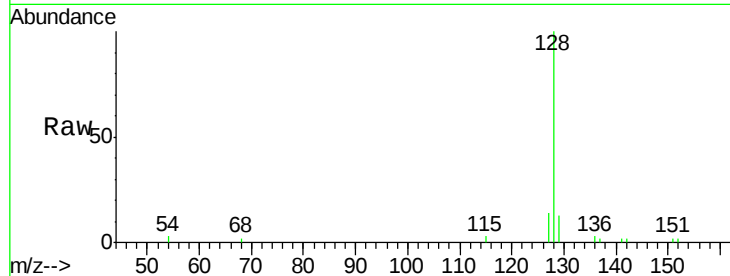
ClientSampleId :

BENS0

Tgt Ion:	128	Resp:	4685
Ion Ratio	Lower	Upper	
128	100		
129	12.6	12.3	18.5
127	14.5	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.375 ng/ul

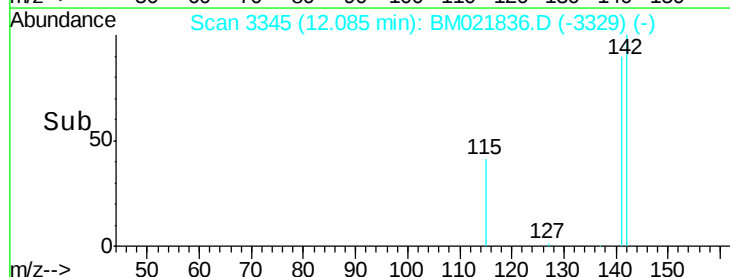
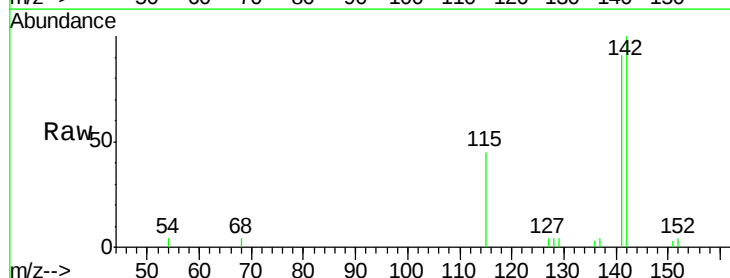
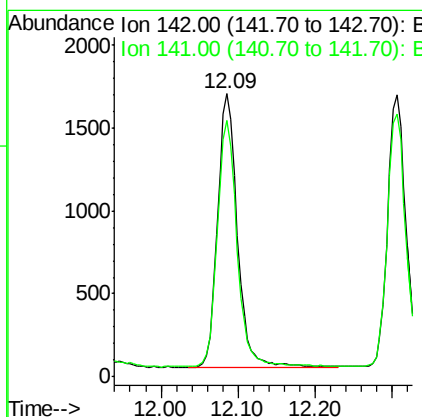
RT: 12.09 min Scan# 3345

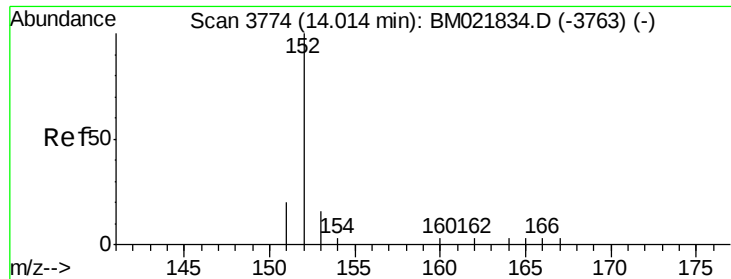
Delta R.T. -0.03 min

Lab File: BM021836.D

Acq: 05 Aug 2019 09:21

Tgt Ion:	142	Resp:	2962
Ion Ratio	Lower	Upper	
142	100		
141	89.3	74.3	111.5





#7

Acenaphthylene

Concen: 0.512 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.01 min

Lab File: BM021836.D

Acq: 05 Aug 2019 09:21

Instrument :

BNA_M

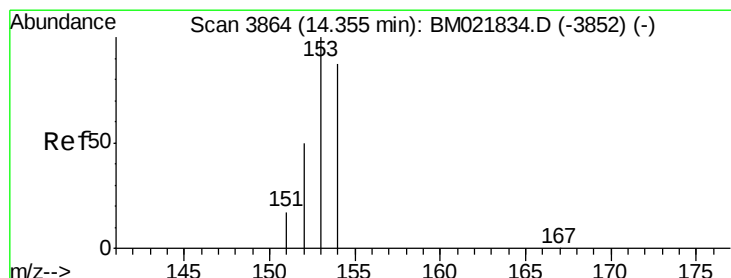
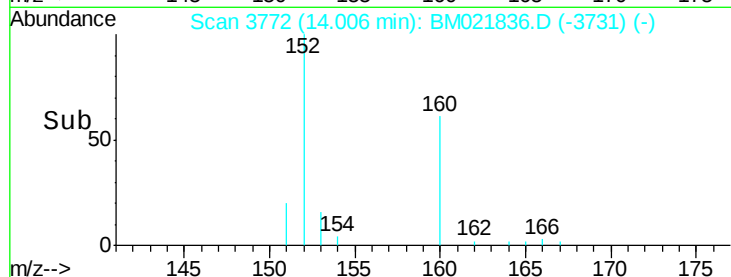
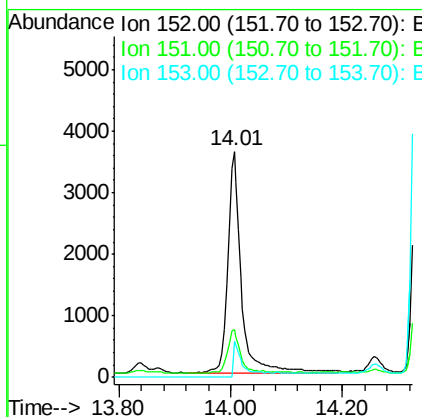
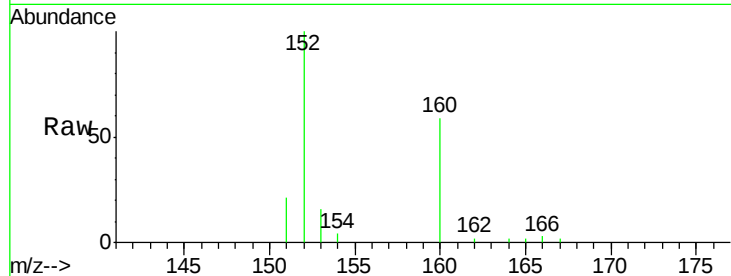
ClientSampled :

BENS0

Tgt Ion:	152	Resp:	5929
Ion Ratio	Lower	Upper	
152	100		
151	21.3	18.3	27.5
153	16.0	12.8	19.2

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#8

Acenaphthene

Concen: 7.205 ng/ul

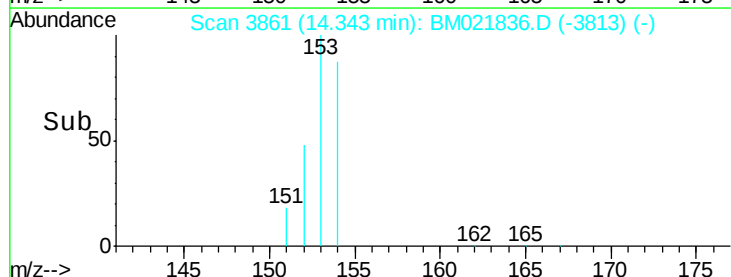
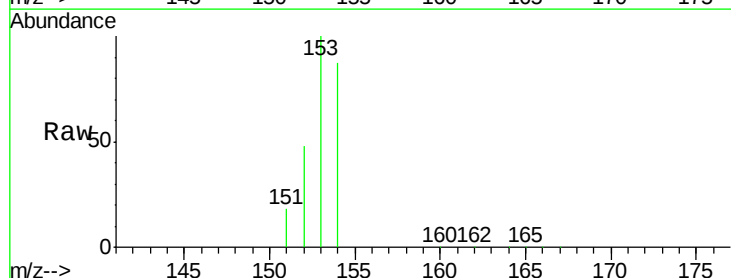
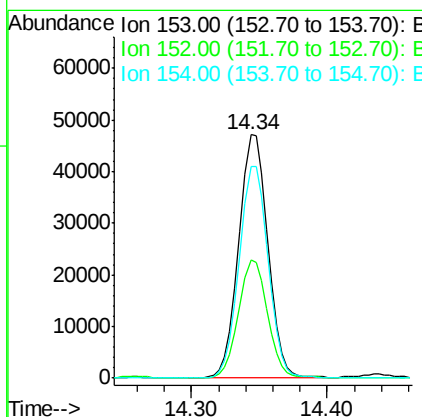
RT: 14.34 min Scan# 3861

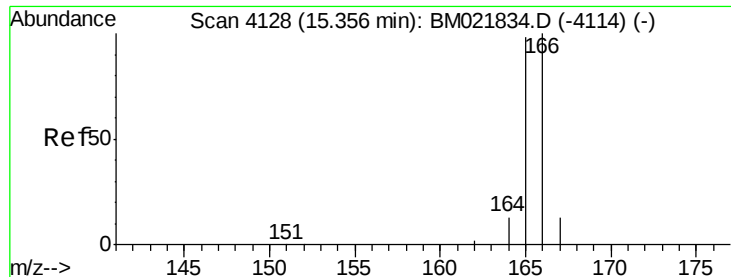
Delta R.T. -0.02 min

Lab File: BM021836.D

Acq: 05 Aug 2019 09:21

Tgt Ion:	153	Resp:	68300
Ion Ratio	Lower	Upper	
153	100		
152	48.5	41.3	61.9
154	86.9	72.3	108.5





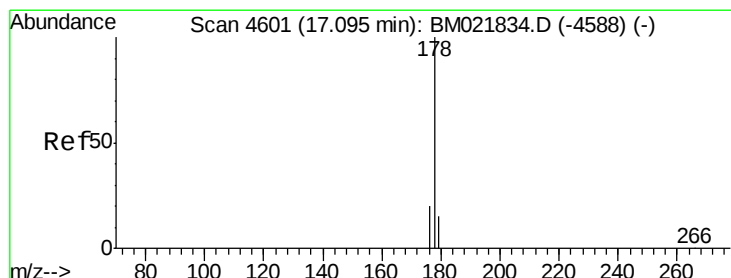
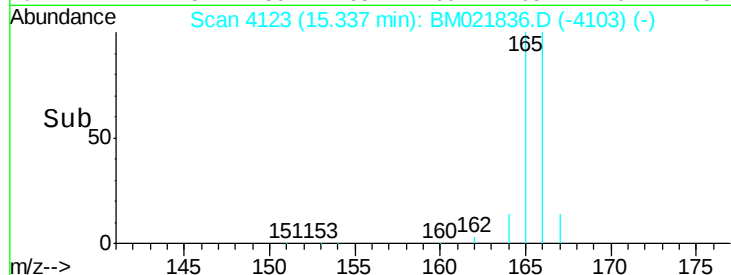
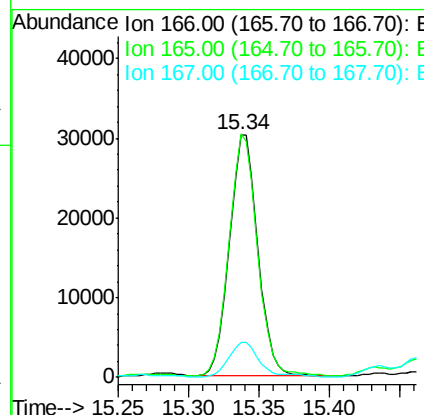
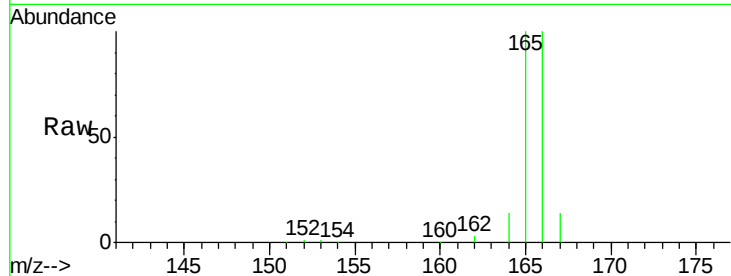
#9
Fluorene
 Concen: 4.036 ng/ul
 RT: 15.34 min Scan# 4123
 Delta R.T. -0.02 min
 Lab File: BM021836.D
 Acq: 05 Aug 2019 09:21

Instrument :
 BNA_M
 ClientSampleId :
 BENS0

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	81.4	122.0
167	14.5	13.7	20.5

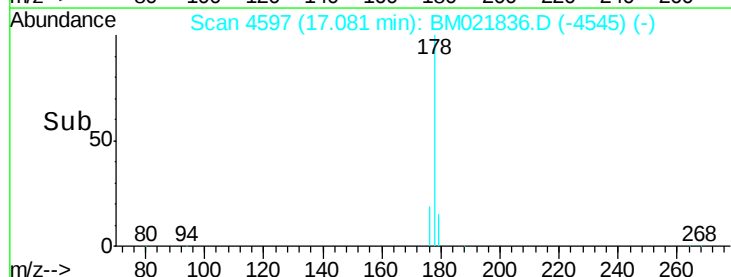
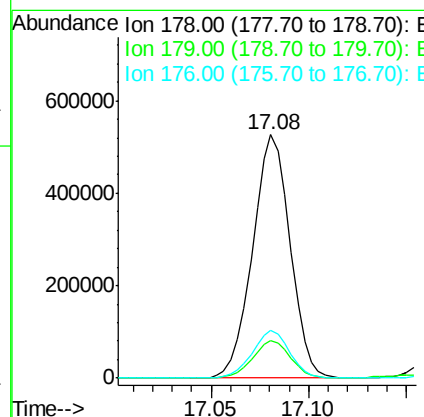
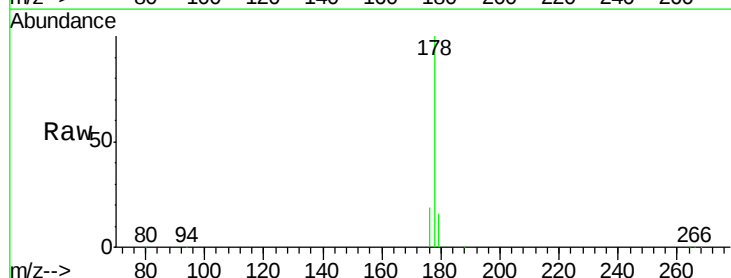
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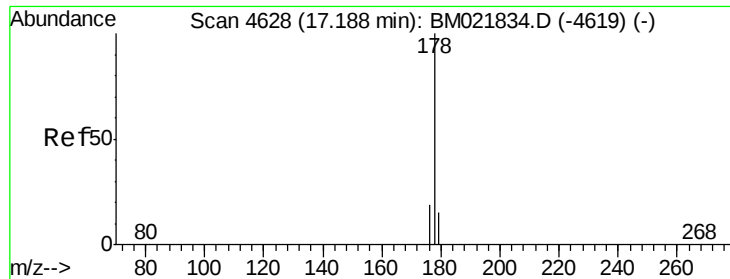
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#12
Phenanthrene
 Concen: 39.483 ng/ul m
 RT: 17.08 min Scan# 4597
 Delta R.T. -0.02 min
 Lab File: BM021836.D
 Acq: 05 Aug 2019 09:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.2	21.2
176	19.4	16.8	25.2





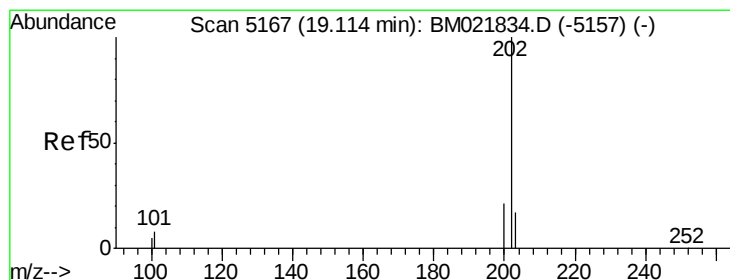
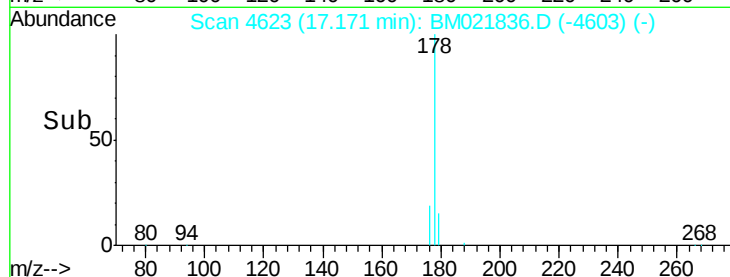
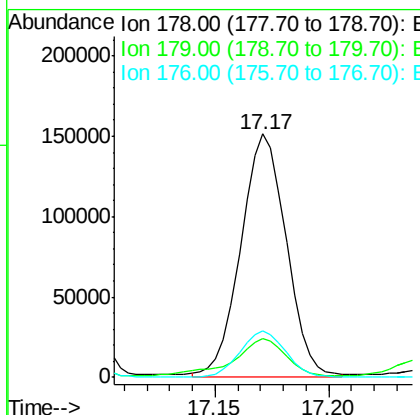
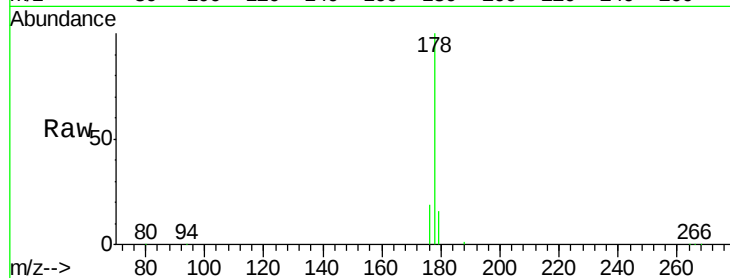
#13
 Anthracene
 Concen: 13.898 ng/ul m
 RT: 17.17 min Scan# 4623
 Delta R.T. -0.03 min
 Lab File: BM021836.D
 Acq: 05 Aug 2019 09:21

Instrument :
 BNA_M
 ClientSampleId :
 BENS0

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	15.5	23.3
176	18.9	16.6	25.0

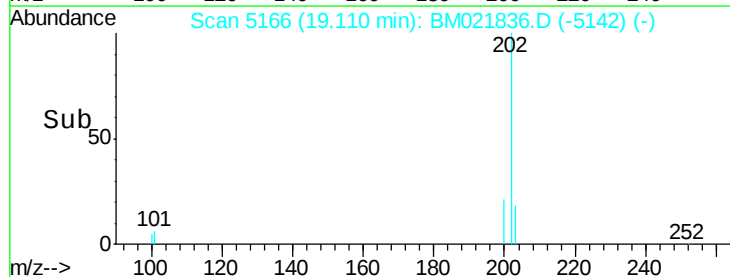
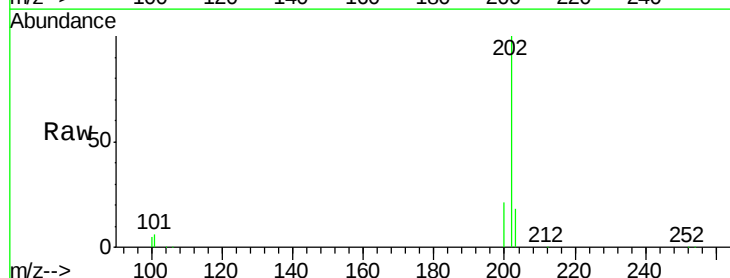
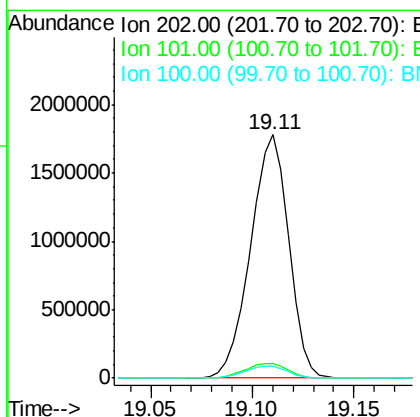
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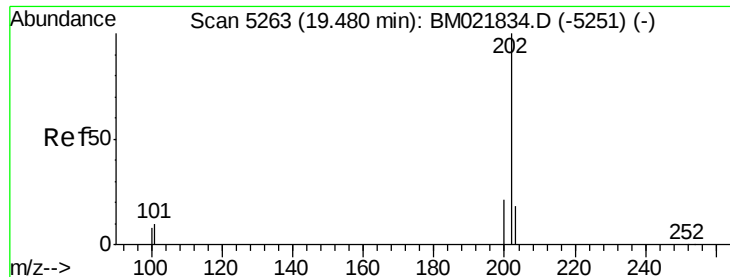
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#15
 Fluoranthene
 Concen: 95.652 ng/ul m
 RT: 19.11 min Scan# 5166
 Delta R.T. -0.01 min
 Lab File: BM021836.D
 Acq: 05 Aug 2019 09:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	30.2
100	4.7	0.0	28.1





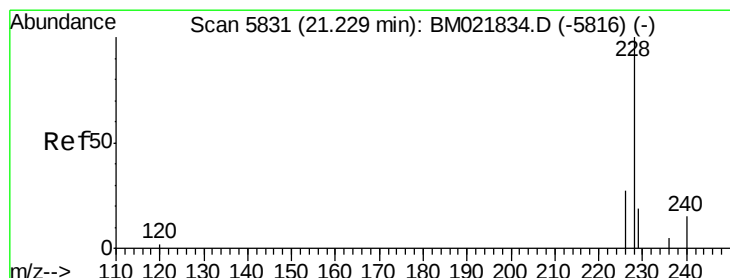
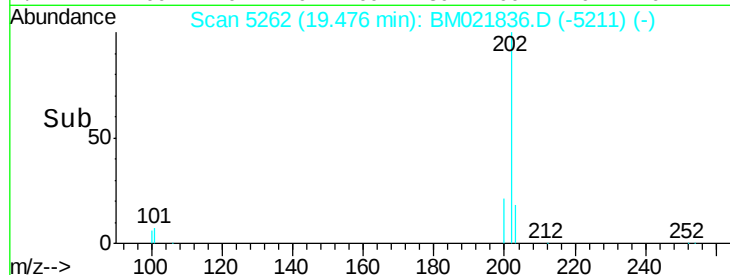
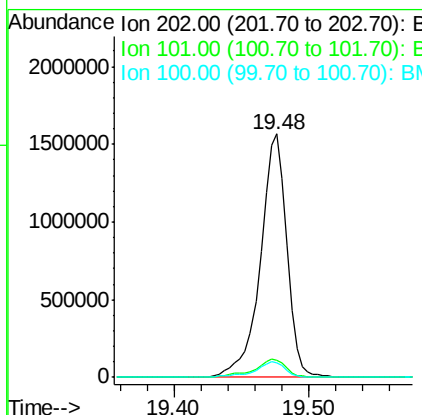
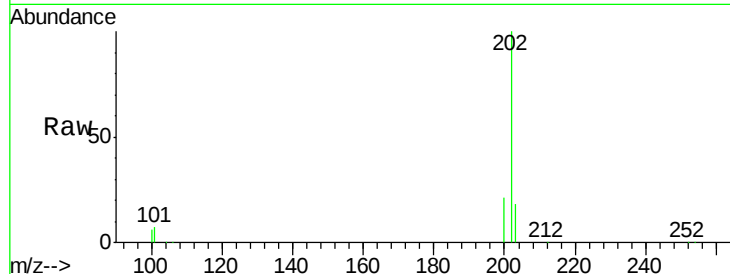
#17
 Pyrene
 Concen: 81.694 ng/ul
 RT: 19.48 min Scan# 5262
 Delta R.T. -0.01 min
 Lab File: BM021836.D
 Acq: 05 Aug 2019 09:21

Instrument :
 BNA_M
 ClientSampleId :
 BENS0

Tgt Ion:202 Resp: 2114267
 Ion Ratio Lower Upper
 202 100
 101 7.2 8.3 12.5#
 100 5.9 7.2 10.8#

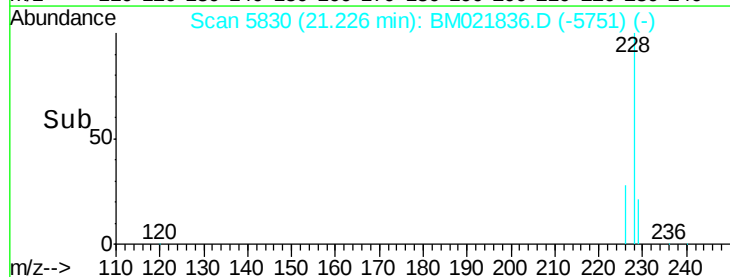
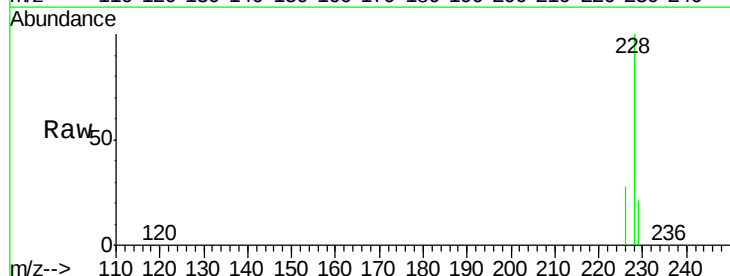
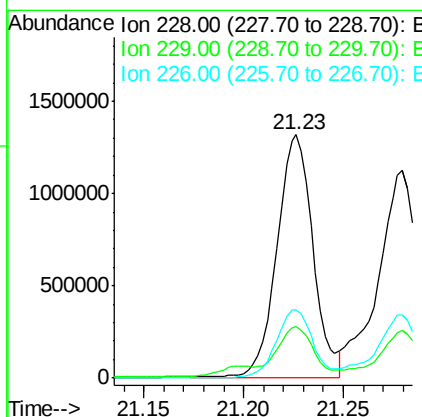
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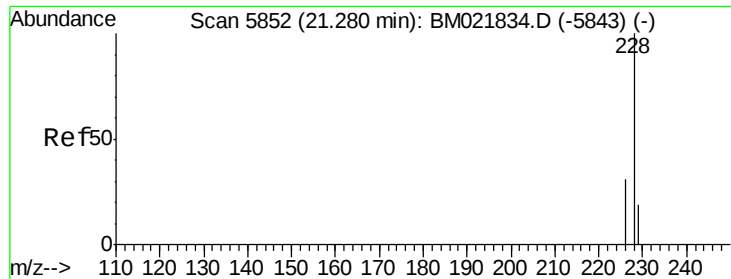
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#18
 Benzo(a)anthracene
 Concen: 73.960 ng/ul m
 RT: 21.23 min Scan# 5830
 Delta R.T. -0.01 min
 Lab File: BM021836.D
 Acq: 05 Aug 2019 09:21

Tgt Ion:228 Resp: 1666130
 Ion Ratio Lower Upper
 228 100
 229 21.0 17.2 25.8
 226 28.3 22.6 34.0





#19

Chrysene

Concen: 52.319 ng/ul

RT: 21.28 min Scan# 5852

Delta R.T. -0.01 min

Lab File: BM021836.D

Acq: 05 Aug 2019 09:21

Instrument :

BNA_M

ClientSampleId :

BENS0

Tgt Ion:228 Resp: 1515788

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

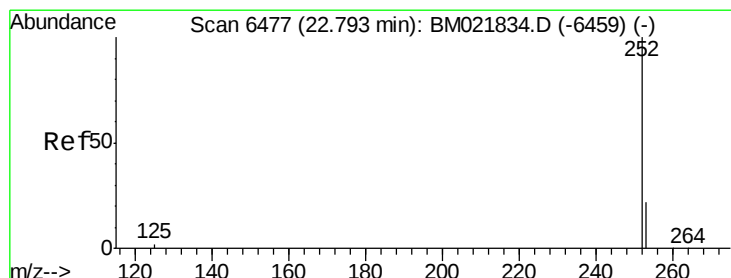
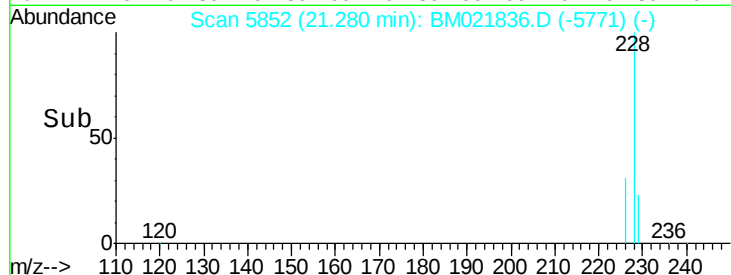
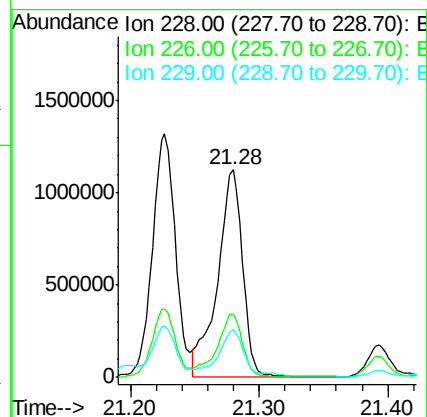
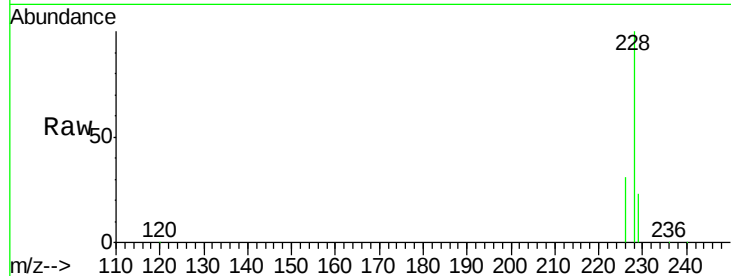
229 22.8 16.6 25.0

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#21

Benzo(b)fluoranthene

Concen: 63.480 ng/ul m

RT: 22.80 min Scan# 6480

Delta R.T. -0.00 min

Lab File: BM021836.D

Acq: 05 Aug 2019 09:21

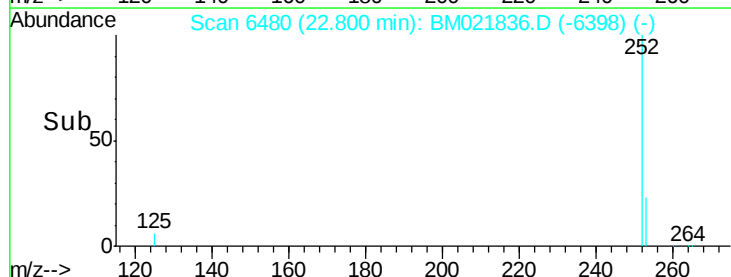
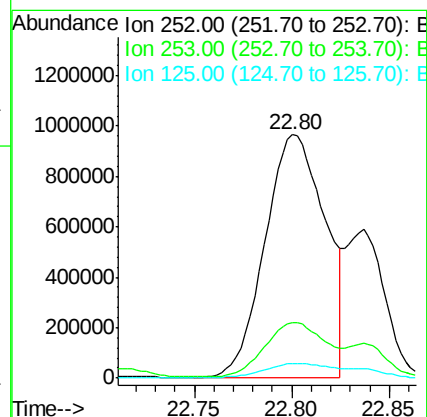
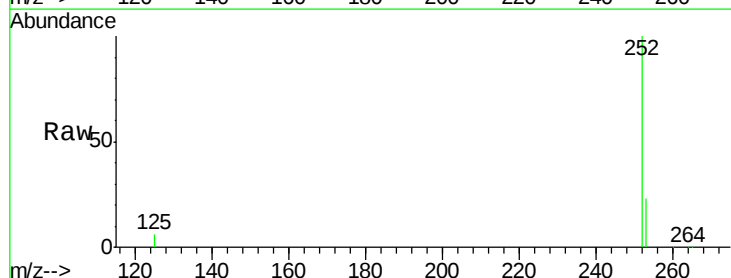
Tgt Ion:252 Resp: 2075788

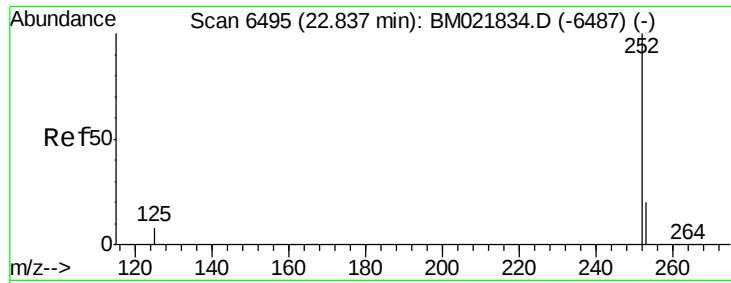
Ion Ratio Lower Upper

252 100

253 22.8 0.0 67.4

125 5.9 0.0 31.0





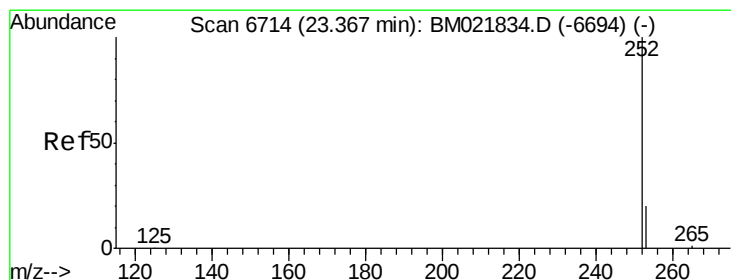
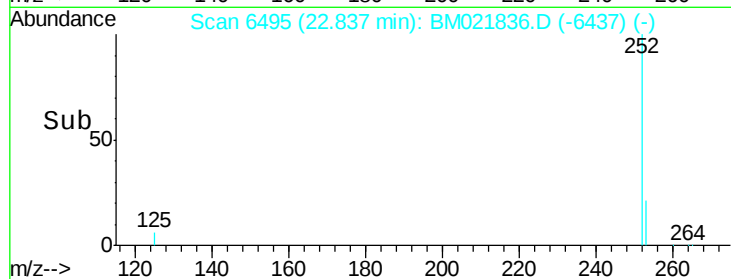
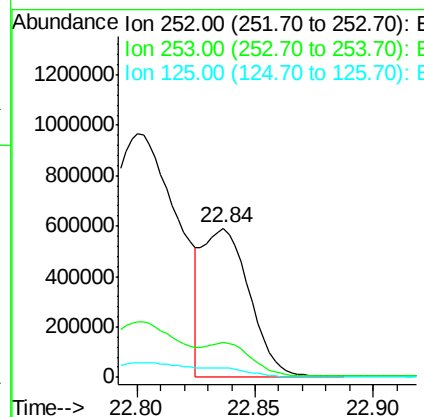
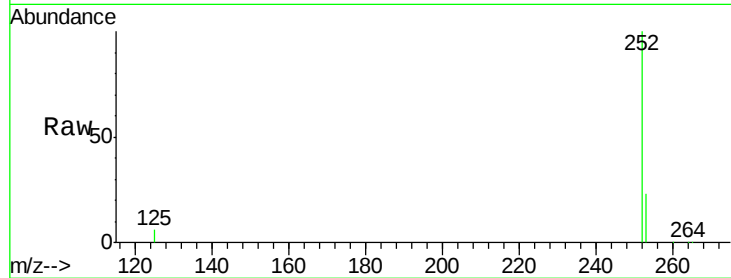
#22
Benzo(k)fluoranthene
Concen: 22.258 ng/ul m
RT: 22.84 min Scan# 6495
Delta R.T. -0.01 min
Lab File: BM021836.D
Acq: 05 Aug 2019 09:21

Instrument :
BNA_M
ClientSampleId :
BENS0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	27.0	40.4#
125	6.2	12.2	18.2#

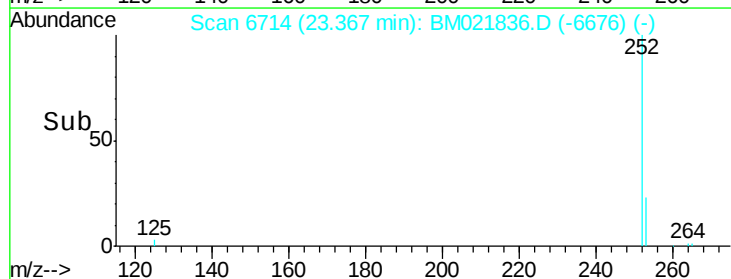
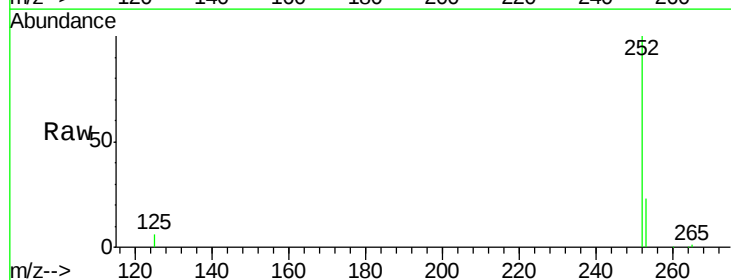
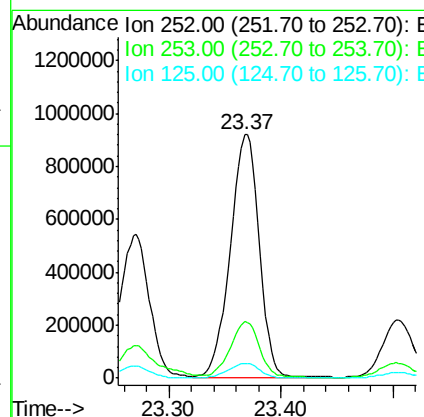
Manual Integrations
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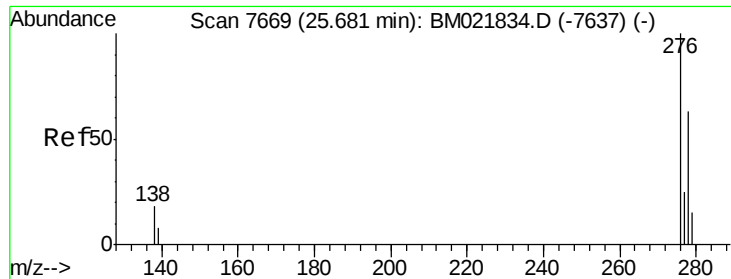
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#23
Benzo(a)pyrene
Concen: 49.206 ng/ul
RT: 23.37 min Scan# 6714
Delta R.T. -0.01 min
Lab File: BM021836.D
Acq: 05 Aug 2019 09:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	31.7	47.5#
125	6.1	14.6	21.8#





#24

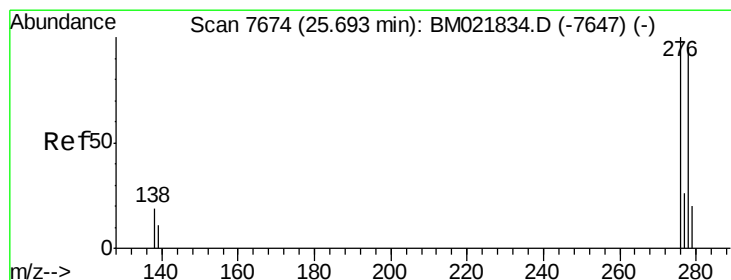
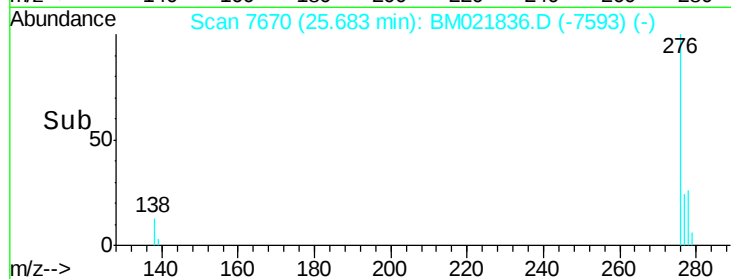
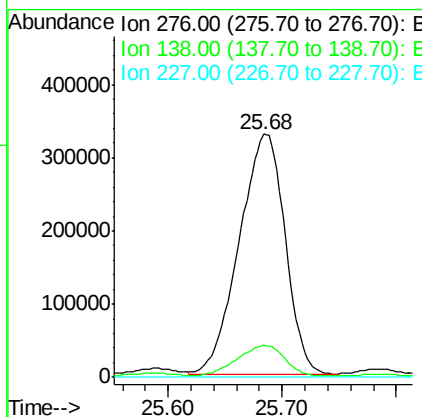
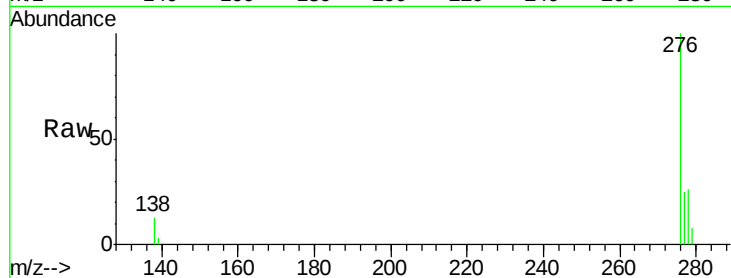
Indeno(1,2,3-cd)pyrene
Concen: 23.121 ng/ul
RT: 25.68 min Scan# 7670
Delta R.T. -0.01 min
Lab File: BM021836.D
Acq: 05 Aug 2019 09:21

Instrument :
BNA_M
ClientSampleId :
BENS0

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	918044		
138	13.4	15.1	22.7#	
227	0.0	0.0	0.0	

Manual Integrations
APPROVED

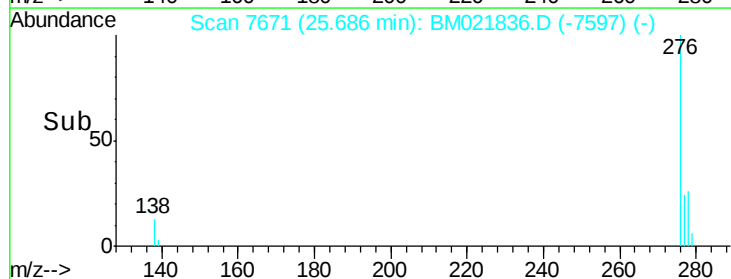
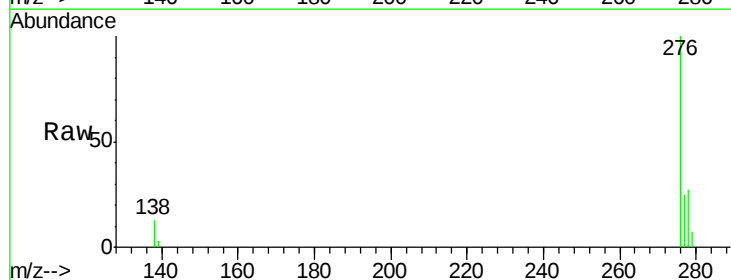
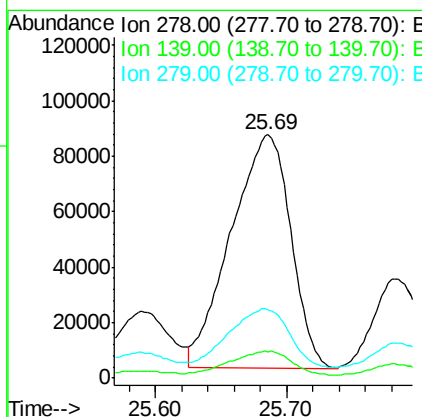
mohammad
8/5/2019 10:17:04 PM

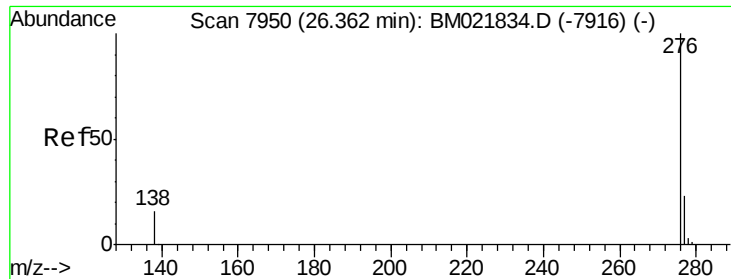


#25

Dibenzo(a,h)anthracene
Concen: 8.305 ng/ul
RT: 25.69 min Scan# 7671
Delta R.T. -0.02 min
Lab File: BM021836.D
Acq: 05 Aug 2019 09:21

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	266550		
139	10.9	14.2	21.2#	
279	28.2	28.3	42.5#	





#26

Benzo(g,h,i)perylene

Concen: 24.291 ng/ul

RT: 26.37 min Scan# 7953

Delta R.T. -0.00 min

Lab File: BM021836.D

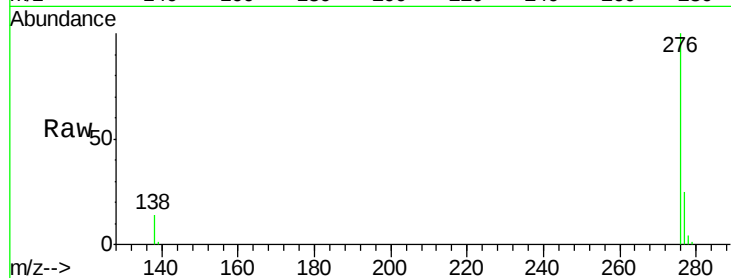
Acq: 05 Aug 2019 09:21

Instrument :

BNA_M

ClientSampleId :

BENS0



Tgt Ion: 276 Resp: 868341

Ion Ratio Lower Upper

276 100

138 13.8 15.5 23.3#

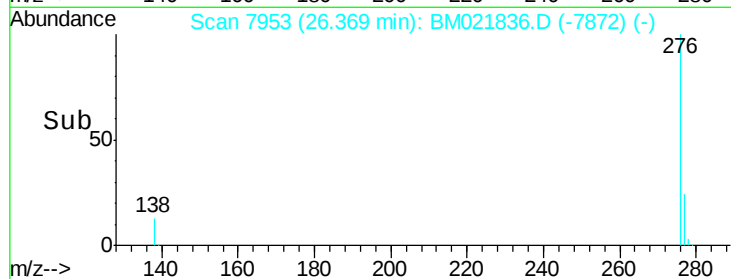
277 24.9 21.4 32.2

Manual Integrations

APPROVED

mohammad

8/5/2019 10:17:04 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

