

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021827.D
 Acq On : 05 Aug 2019 01:06
 Operator : HP/JU
 Sample : K3863-12
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52F2

Manual Integrations
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mohammad
 8/5/2019 10:16:30 PM

Quant Time: Aug 05 08:43:06 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	1230	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	4941	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2824	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	7088m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	7288m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	8278m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1218	0.15	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	5628m	0.24	ng/ul	-0.01
Target Compounds				Qvalue		
7) Acenaphthylene	14.01	152	1265	0.096	ng/ul#	93
8) Acenaphthene	14.35	153	360	0.033	ng/ul	93
9) Fluorene	15.34	166	714	0.060	ng/ul#	96
12) Phenanthrene	17.08	178	38633	1.873	ng/ul	97
13) Anthracene	17.17	178	3773m	0.214	ng/ul	
15) Fluoranthene	19.11	202	144087m	5.215	ng/ul	
17) Pyrene	19.47	202	117494	3.923	ng/ul	97
18) Benzo(a)anthracene	21.22	228	49626	1.904	ng/ul	98
19) Chrysene	21.27	228	73739	2.199	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	103034m	3.691	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	38048m	1.204	ng/ul	
23) Benzo(a)pyrene	23.36	252	60773m	2.141	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	53573m	1.581	ng/ul	
25) Dibenzo(a,h)anthracene	25.67	278	11996m	0.438	ng/ul	
26) Benzo(g,h,i)perylene	26.35	276	52118m	1.708	ng/ul	

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

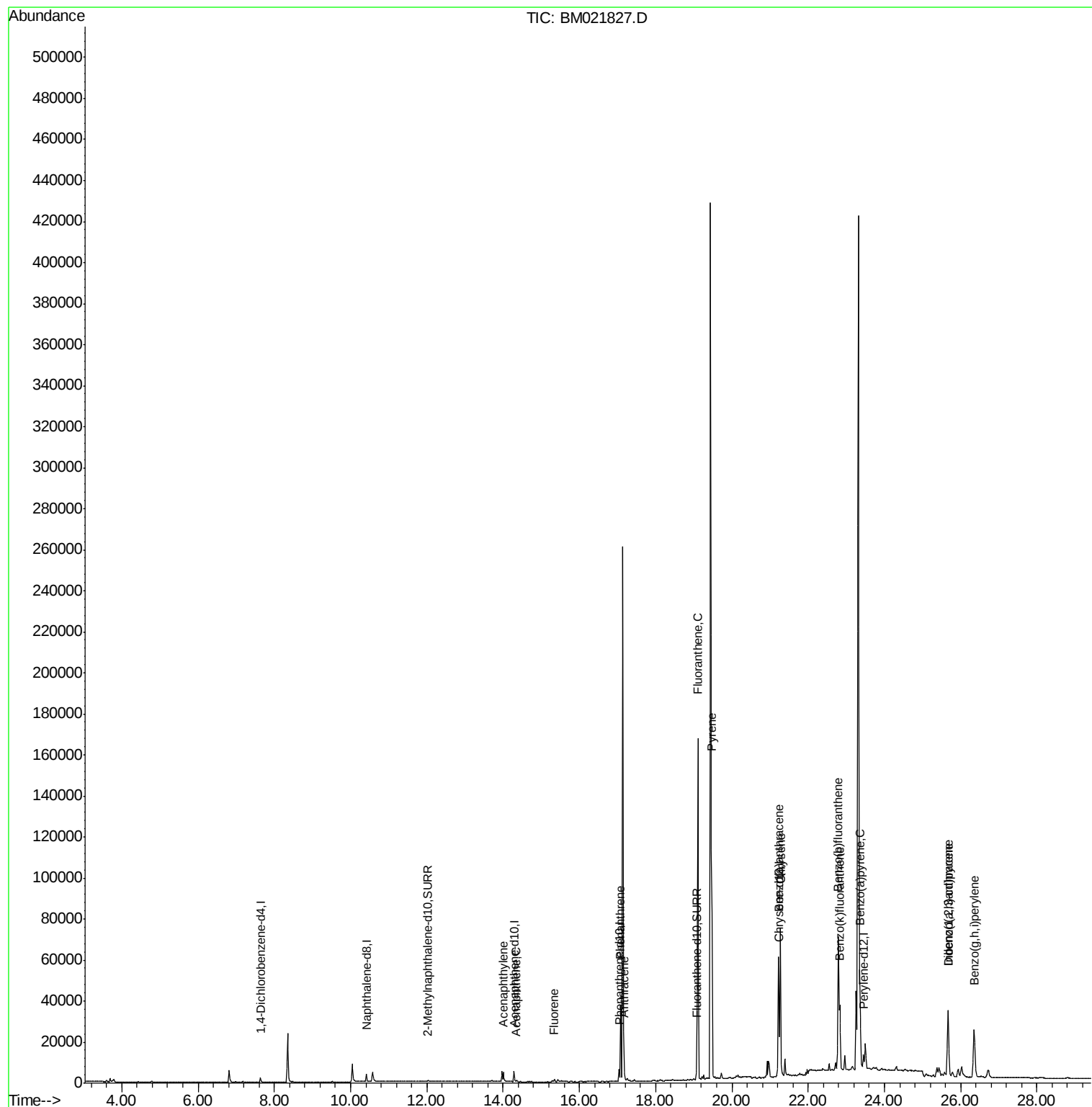
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
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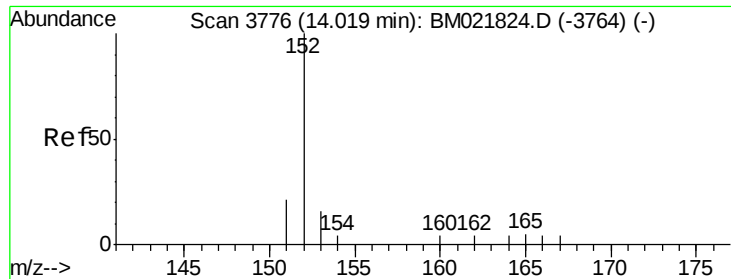
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.096 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BM021827.D

Acq: 05 Aug 2019 01:06

Instrument :

BNA_M

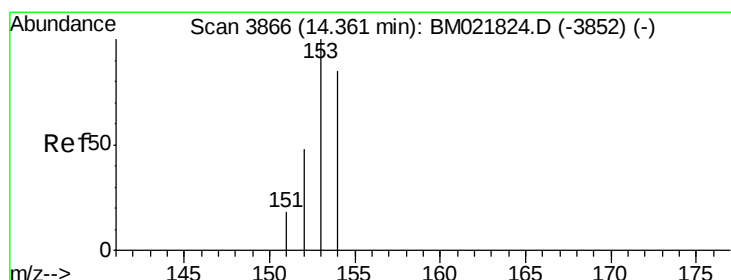
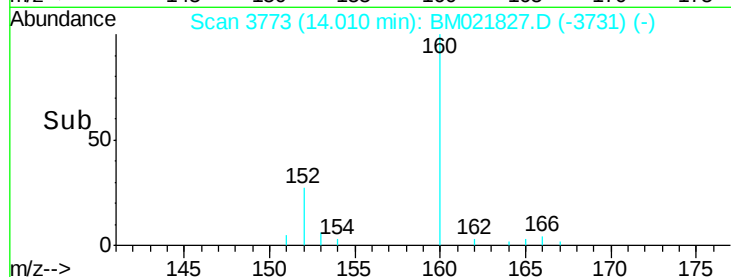
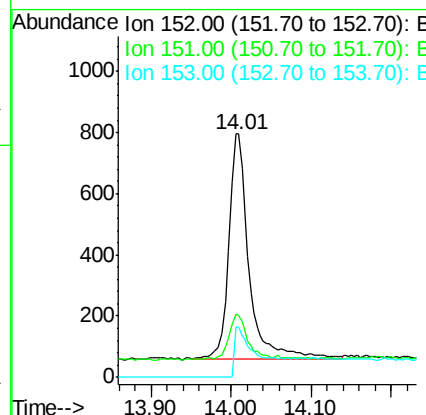
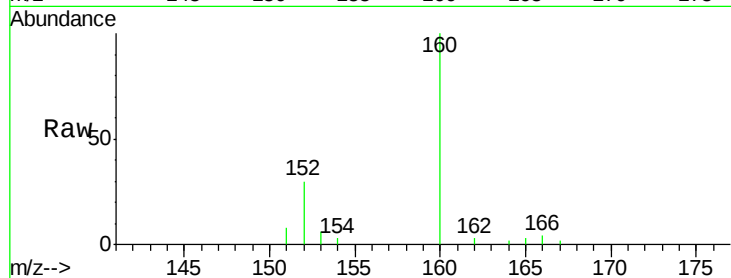
ClientSampled :

A52F2

Tgt Ion	Ratio	Lower	Upper
152	100		
151	25.3	18.3	27.5
153	20.5	12.8	19.2

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#8

Acenaphthene

Concen: 0.033 ng/ul

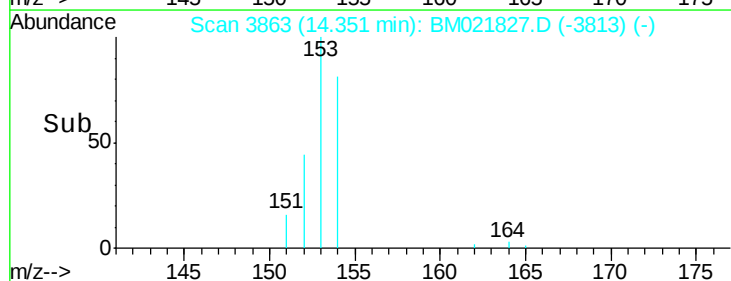
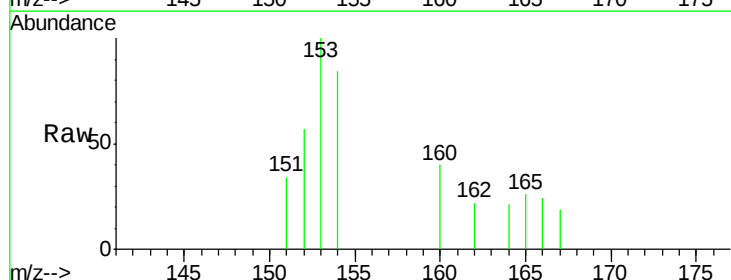
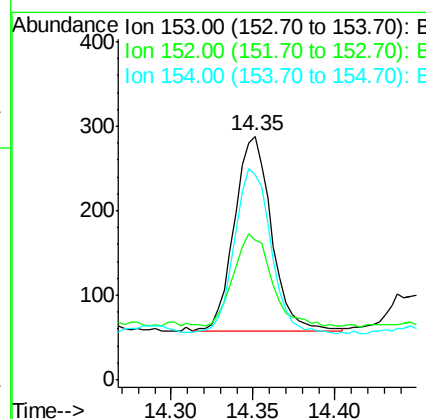
RT: 14.35 min Scan# 3863

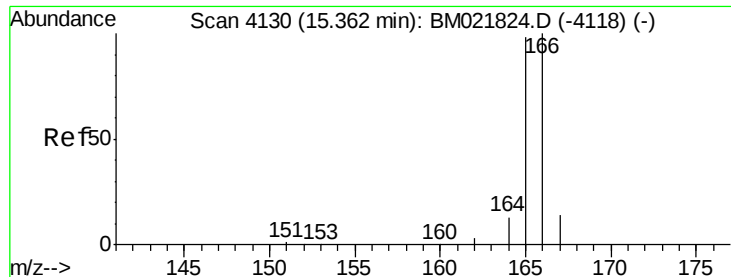
Delta R.T. -0.01 min

Lab File: BM021827.D

Acq: 05 Aug 2019 01:06

Tgt Ion	Ratio	Lower	Upper
153	100		
152	57.3	41.3	61.9
154	84.0	72.3	108.5





#9

Fluorene

Concen: 0.060 ng/ul

RT: 15.34 min Scan# 4124

Delta R.T. -0.02 min

Lab File: BM021827.D

Acq: 05 Aug 2019 01:06

Instrument :

BNA_M

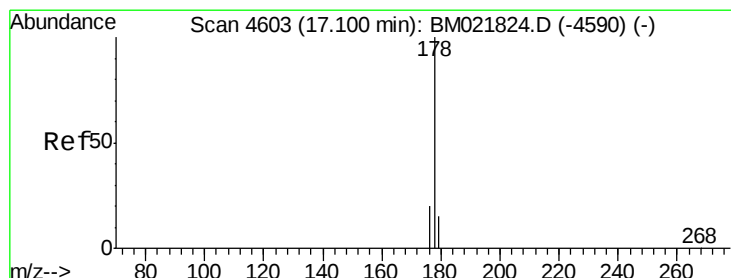
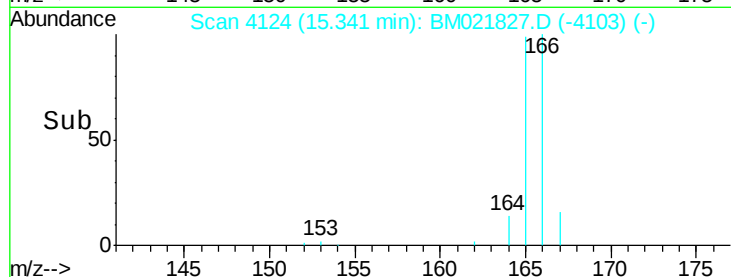
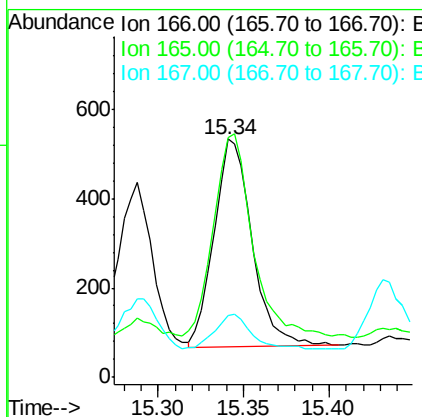
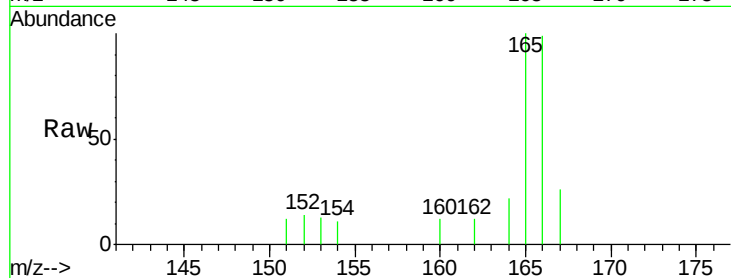
ClientSampleId :

A52F2

Tgt Ion:	166	Resp:	714
Ion Ratio	Lower	Upper	
166	100		
165	100.9	81.4	122.0
167	26.1	13.7	20.5#

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#12

Phenanthrene

Concen: 1.873 ng/ul

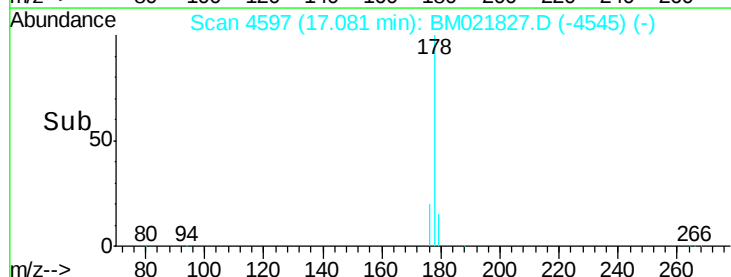
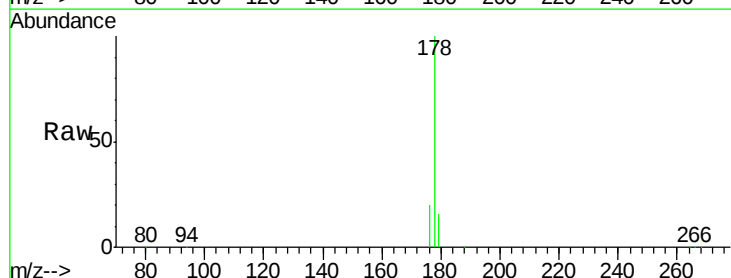
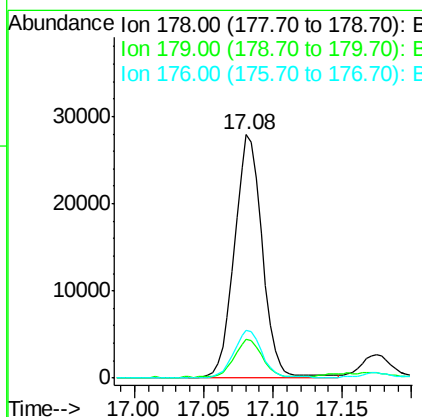
RT: 17.08 min Scan# 4597

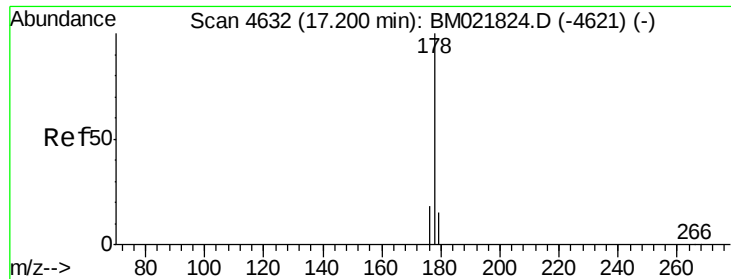
Delta R.T. -0.02 min

Lab File: BM021827.D

Acq: 05 Aug 2019 01:06

Tgt Ion:	178	Resp:	38633
Ion Ratio	Lower	Upper	
178	100		
179	15.7	14.2	21.2
176	19.8	16.8	25.2





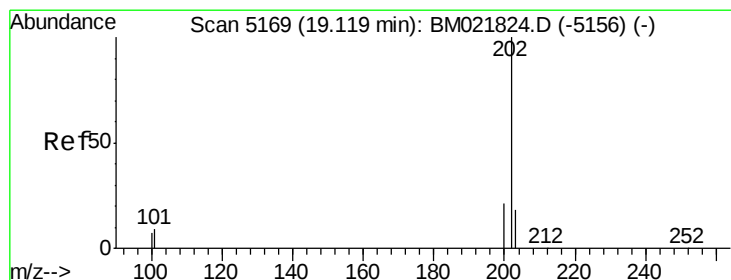
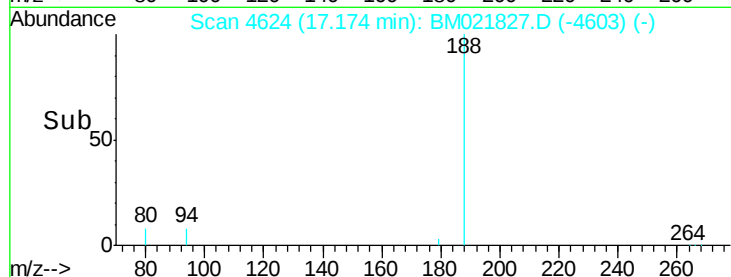
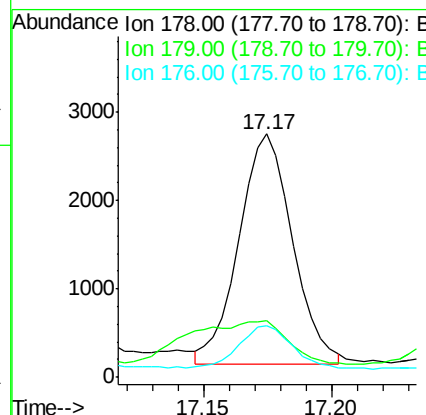
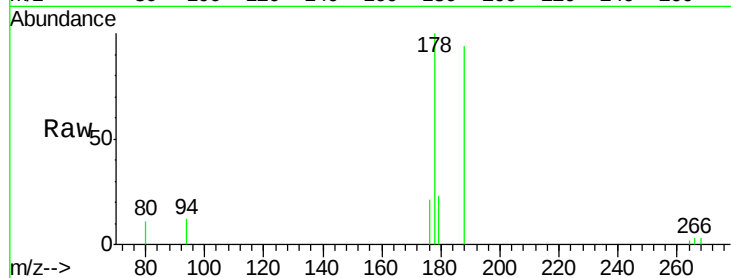
#13
 Anthracene
 Concen: 0.214 ng/ul m
 RT: 17.17 min Scan# 4624
 Delta R.T. -0.03 min
 Lab File: BM021827.D
 Acq: 05 Aug 2019 01:06

Instrument :
 BNA_M
 ClientSampleId :
 A52F2

Tgt Ion	Ratio	Lower	Upper
178	100		
179	23.1	15.5	23.3
176	21.3	16.6	25.0

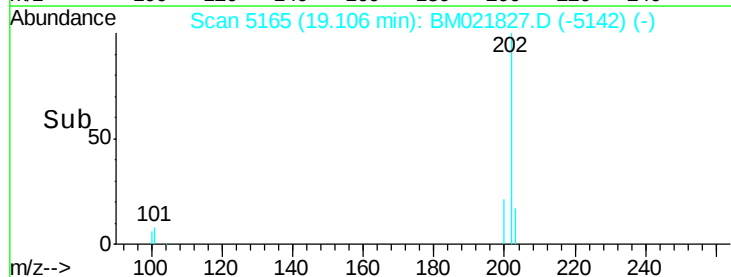
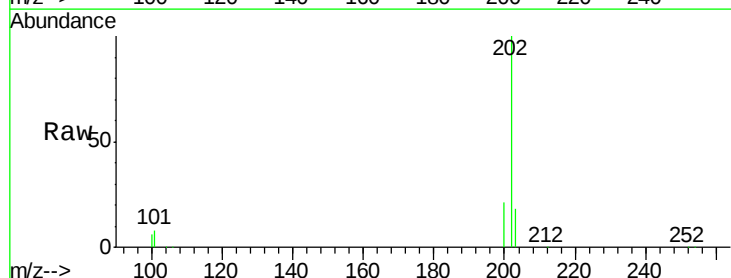
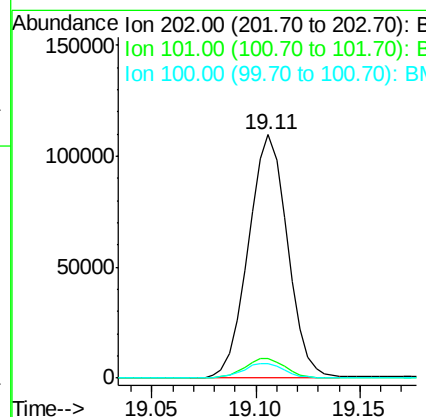
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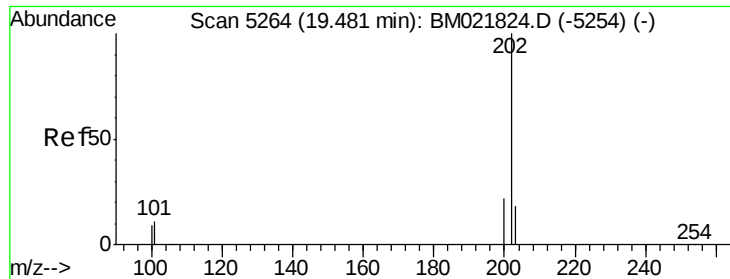
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#15
 Fluoranthene
 Concen: 5.215 ng/ul m
 RT: 19.11 min Scan# 5165
 Delta R.T. -0.01 min
 Lab File: BM021827.D
 Acq: 05 Aug 2019 01:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	30.2
100	6.2	0.0	28.1





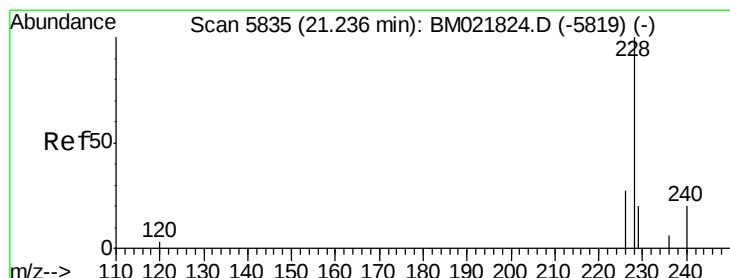
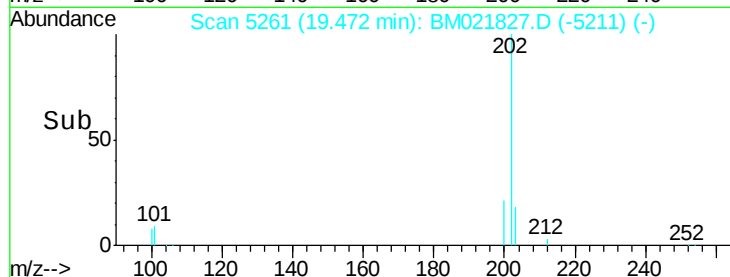
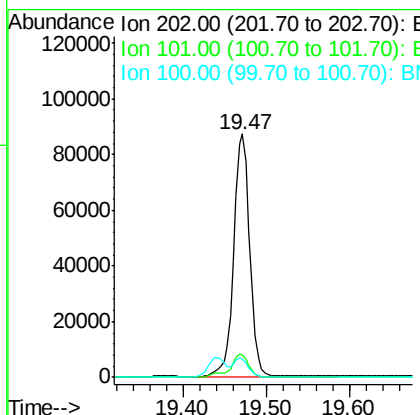
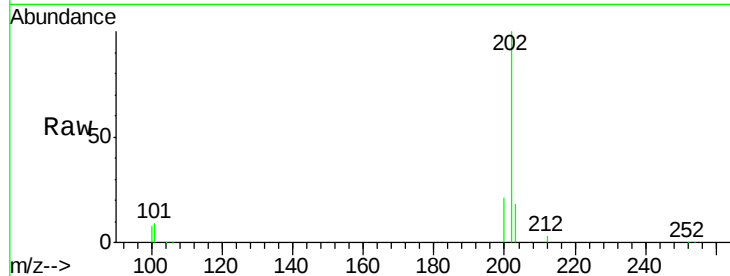
#17
 Pyrene
 Concen: 3.923 ng/ul
 RT: 19.47 min Scan# 5261
 Delta R.T. -0.01 min
 Lab File: BM021827.D
 Acq: 05 Aug 2019 01:06

Instrument :
 BNA_M
 ClientSampled :
 A52F2

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.3	8.3	12.5
100	7.6	7.2	10.8

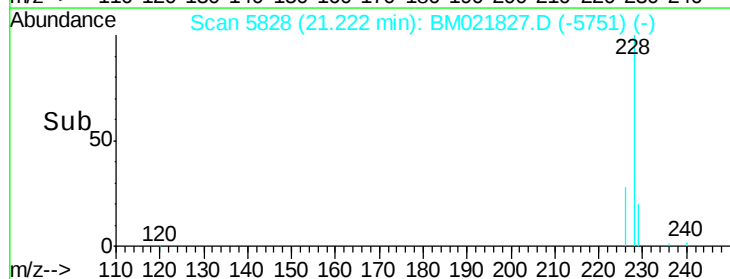
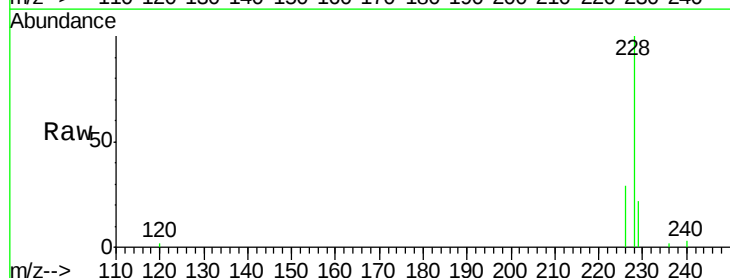
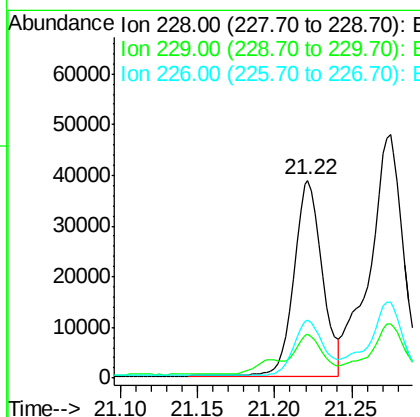
Manual Integrations
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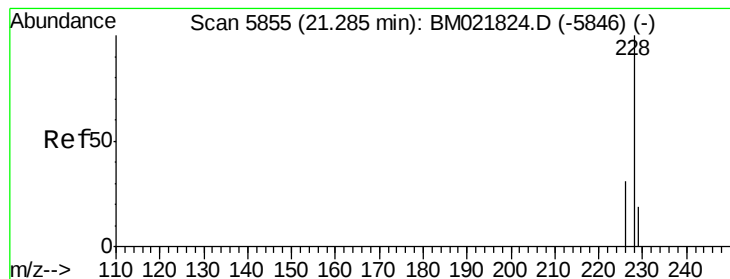
mohammad
 8/5/2019 10:16:30 PM



#18
 Benzo(a)anthracene
 Concen: 1.904 ng/ul
 RT: 21.22 min Scan# 5828
 Delta R.T. -0.01 min
 Lab File: BM021827.D
 Acq: 05 Aug 2019 01:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.9	17.2	25.8
226	29.4	22.6	34.0





#19

Chrysene

Concen: 2.199 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. -0.01 min

Lab File: BM021827.D

Acq: 05 Aug 2019 01:06

Instrument :

BNA_M

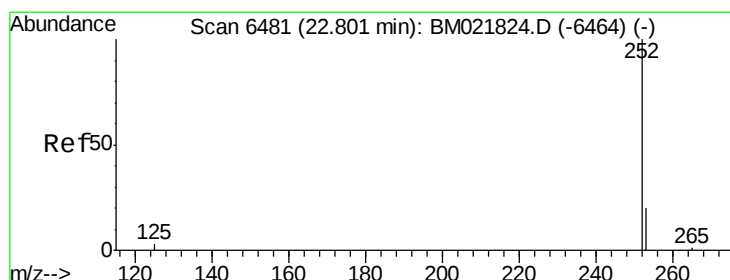
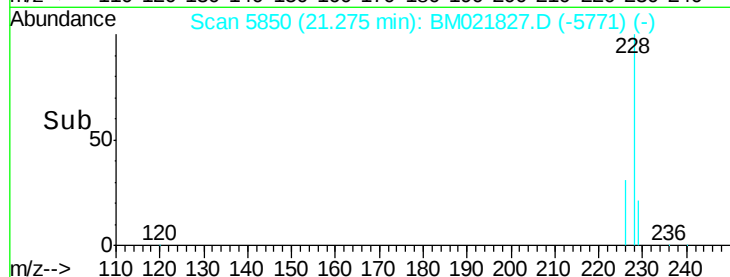
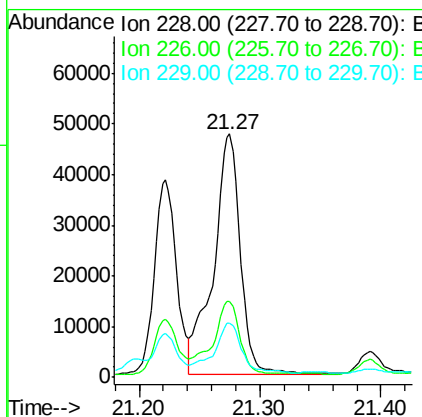
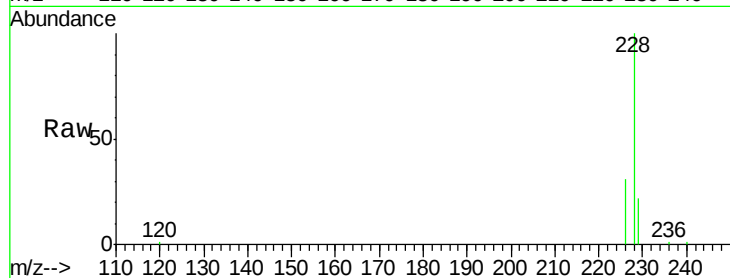
ClientSampleId :

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Tgt Ion:	228	Resp:	73739
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.9	37.3
229	22.3	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 3.691 ng/ul m

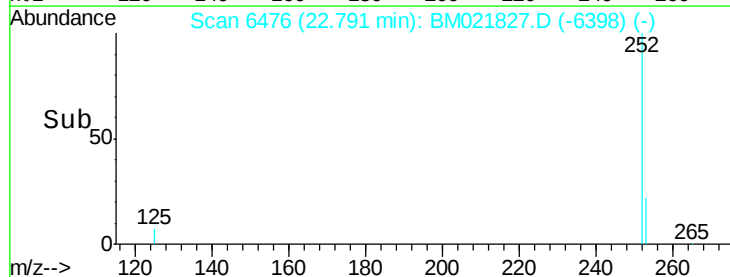
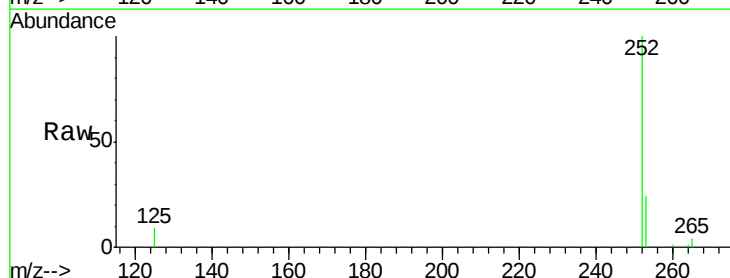
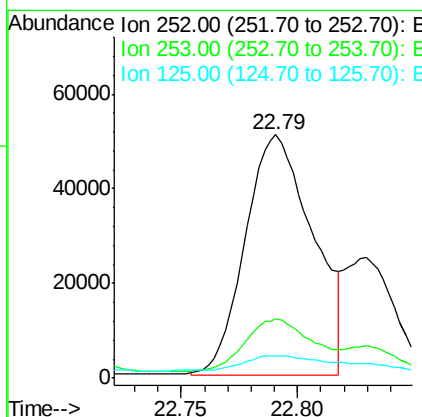
RT: 22.79 min Scan# 6476

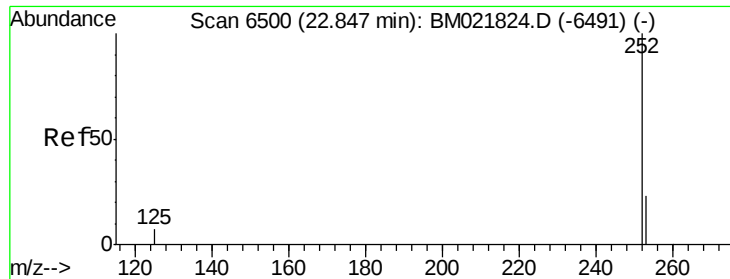
Delta R.T. -0.01 min

Lab File: BM021827.D

Acq: 05 Aug 2019 01:06

Tgt Ion:	252	Resp:	103034
Ion Ratio	Lower	Upper	
252	100		
253	24.1	0.0	67.4
125	9.3	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 1.204 ng/ul m

RT: 22.83 min Scan# 6492

Delta R.T. -0.02 min

Lab File: BM021827.D

Acq: 05 Aug 2019 01:06

Instrument :

BNA_M

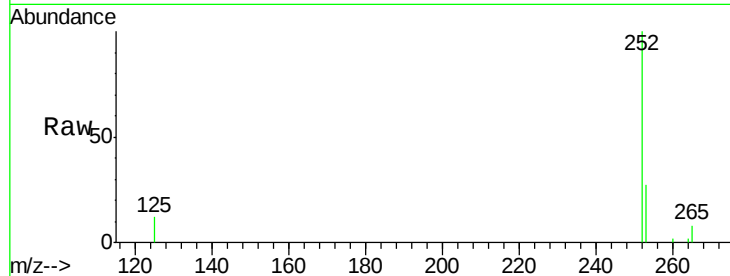
ClientSampleId :

A52F2

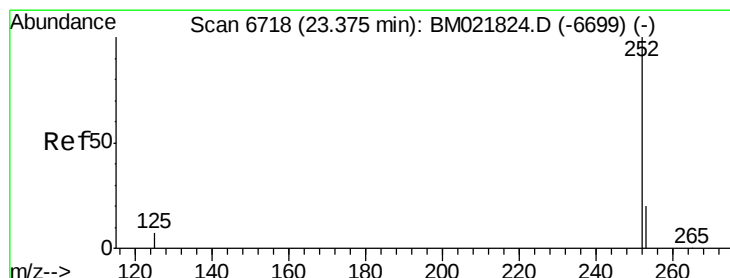
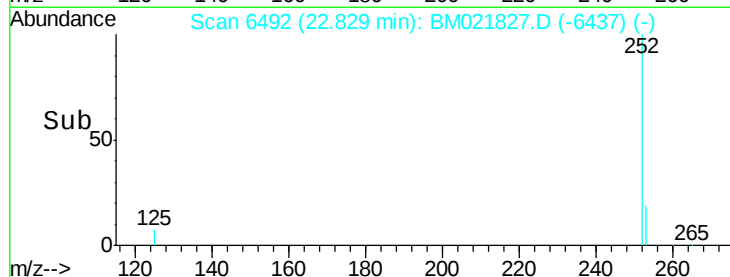
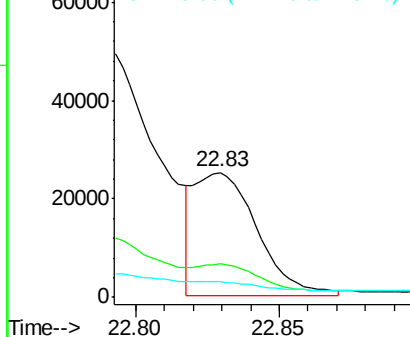
Tgt Ion:	252	Resp:	38048
Ion Ratio	Lower	Upper	
252	100		
253	27.0	27.0	40.4
125	12.2	12.2	18.2

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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



#23

Benzo(a)pyrene

Concen: 2.141 ng/ul m

RT: 23.36 min Scan# 6709

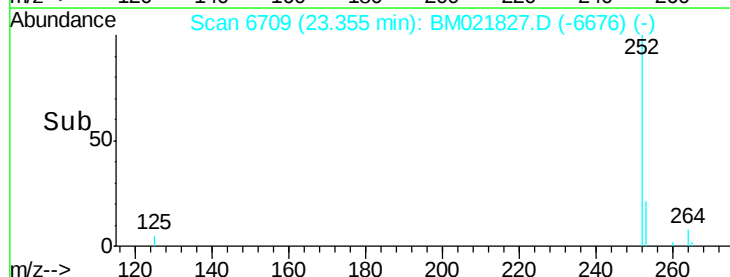
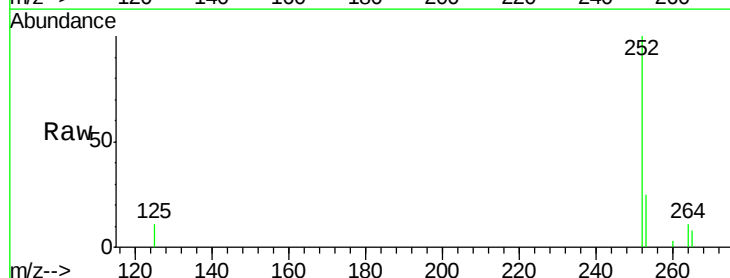
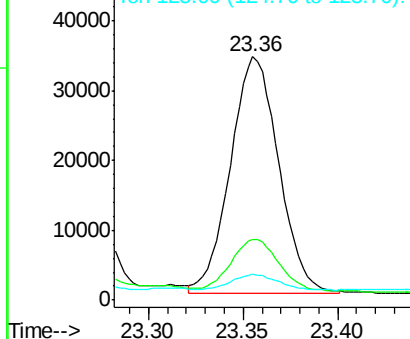
Delta R.T. -0.02 min

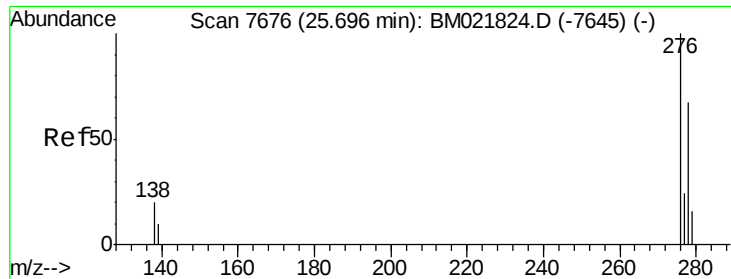
Lab File: BM021827.D

Acq: 05 Aug 2019 01:06

Tgt Ion:	252	Resp:	60773
Ion Ratio	Lower	Upper	
252	100		
253	24.9	31.7	47.5#
125	10.6	14.6	21.8#

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





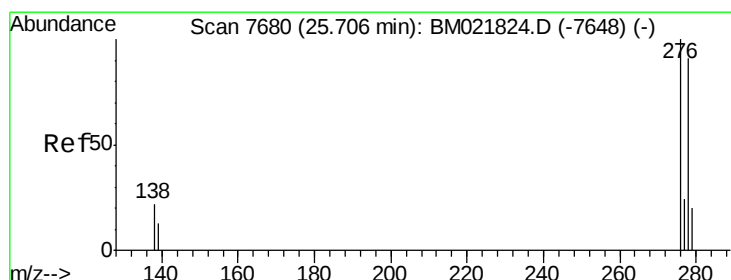
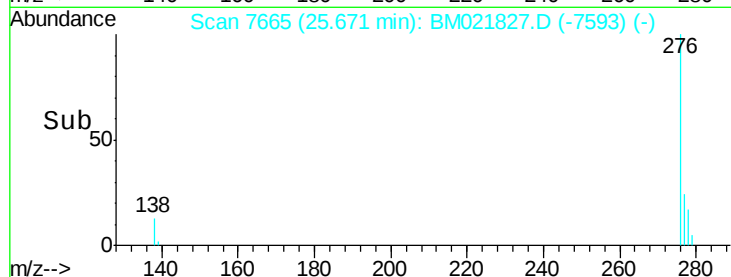
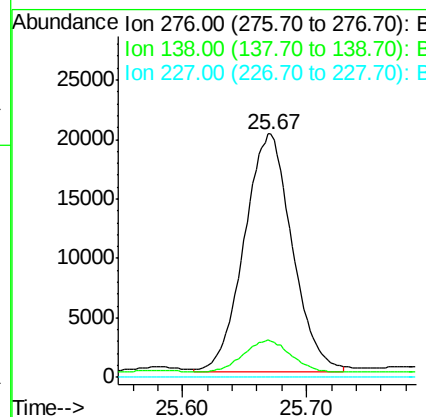
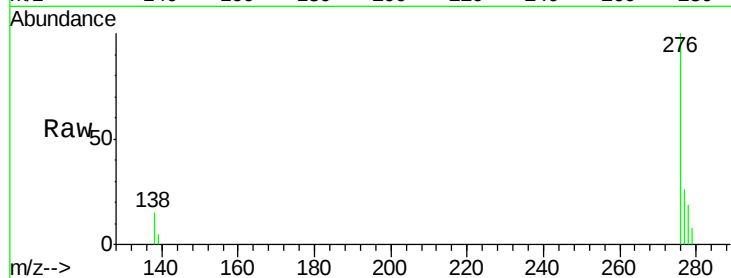
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.581 ng/ul m
 RT: 25.67 min Scan# 7665
 Delta R.T. -0.02 min
 Lab File: BM021827.D
 Acq: 05 Aug 2019 01:06

Instrument :
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 A52F2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.3	15.1	22.7#
227	0.0	0.0	0.0

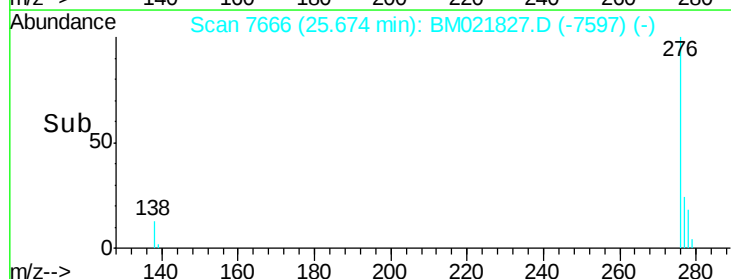
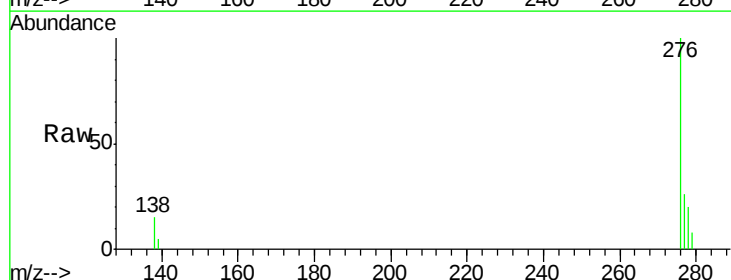
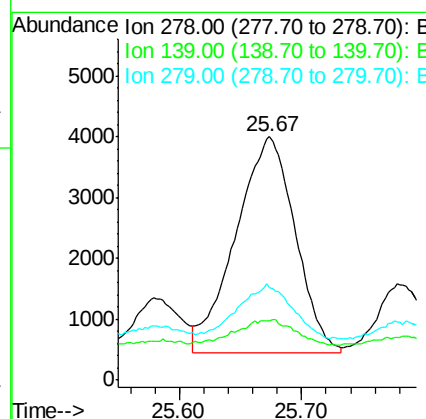
Manual Integrations
 APPROVED

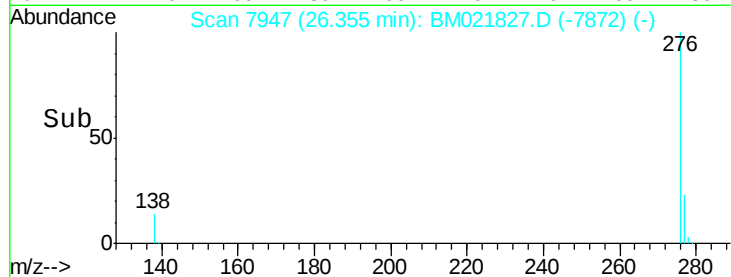
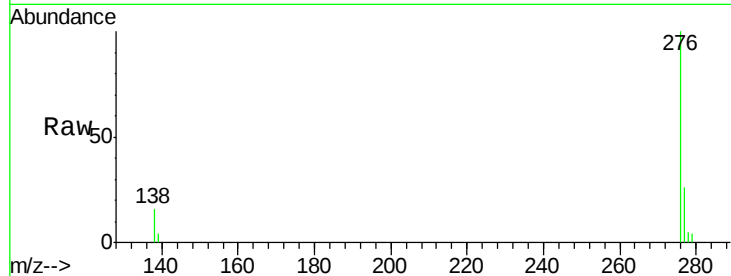
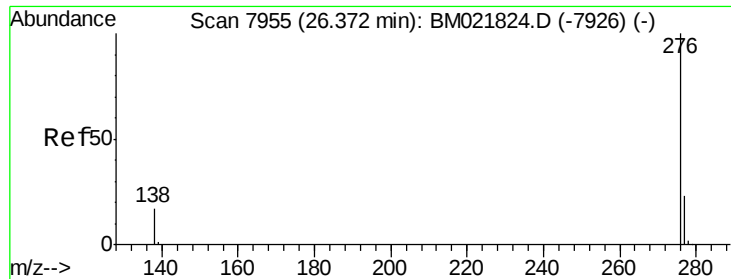
mohammad
 8/5/2019 10:16:30 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.438 ng/ul m
 RT: 25.67 min Scan# 7666
 Delta R.T. -0.03 min
 Lab File: BM021827.D
 Acq: 05 Aug 2019 01:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.5	14.2	21.2#
279	38.1	28.3	42.5





#26

Benzo(g,h,i)perylene

Concen: 1.708 ng/ul m

RT: 26.35 min Scan# 7947

Delta R.T. -0.02 min

Lab File: BM021827.D

Acq: 05 Aug 2019 01:06

Instrument :

BNA_M

ClientSampleId :

A52F2

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	15.5	15.5	23.3	
277	26.0	21.4	32.2	

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