

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021845.D
 Acq On : 05 Aug 2019 16:50
 Operator : HP/JU
 Sample : K3863-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52F2

Manual Integrations
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mohammad
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Quant Time: Aug 05 17:41:31 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	874	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3712	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2037	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	5010m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4851m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4957m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	874	0.14	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	3794m	0.22	ng/ul	-0.02
Target Compounds				Qvalue		
7) Acenaphthylene	14.01	152	937	0.099	ng/ul#	89
8) Acenaphthene	14.35	153	261	0.034	ng/ul#	92
9) Fluorene	15.34	166	505	0.058	ng/ul#	95
12) Phenanthrene	17.08	178	26742	1.834	ng/ul	96
13) Anthracene	17.17	178	2675m	0.215	ng/ul	
15) Fluoranthene	19.10	202	98609m	5.050	ng/ul	
17) Pyrene	19.47	202	82189	4.123	ng/ul	99
18) Benzo(a)anthracene	21.22	228	33196	1.913	ng/ul	99
19) Chrysene	21.28	228	50697	2.272	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	68376m	4.091	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	26983m	1.426	ng/ul	
23) Benzo(a)pyrene	23.36	252	41068m	2.416	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	35938m	1.771	ng/ul	
25) Dibenzo(a,h)anthracene	25.68	278	6850	0.418	ng/ul	97
26) Benzo(g,h,i)perylene	26.35	276	35021m	1.917	ng/ul	

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

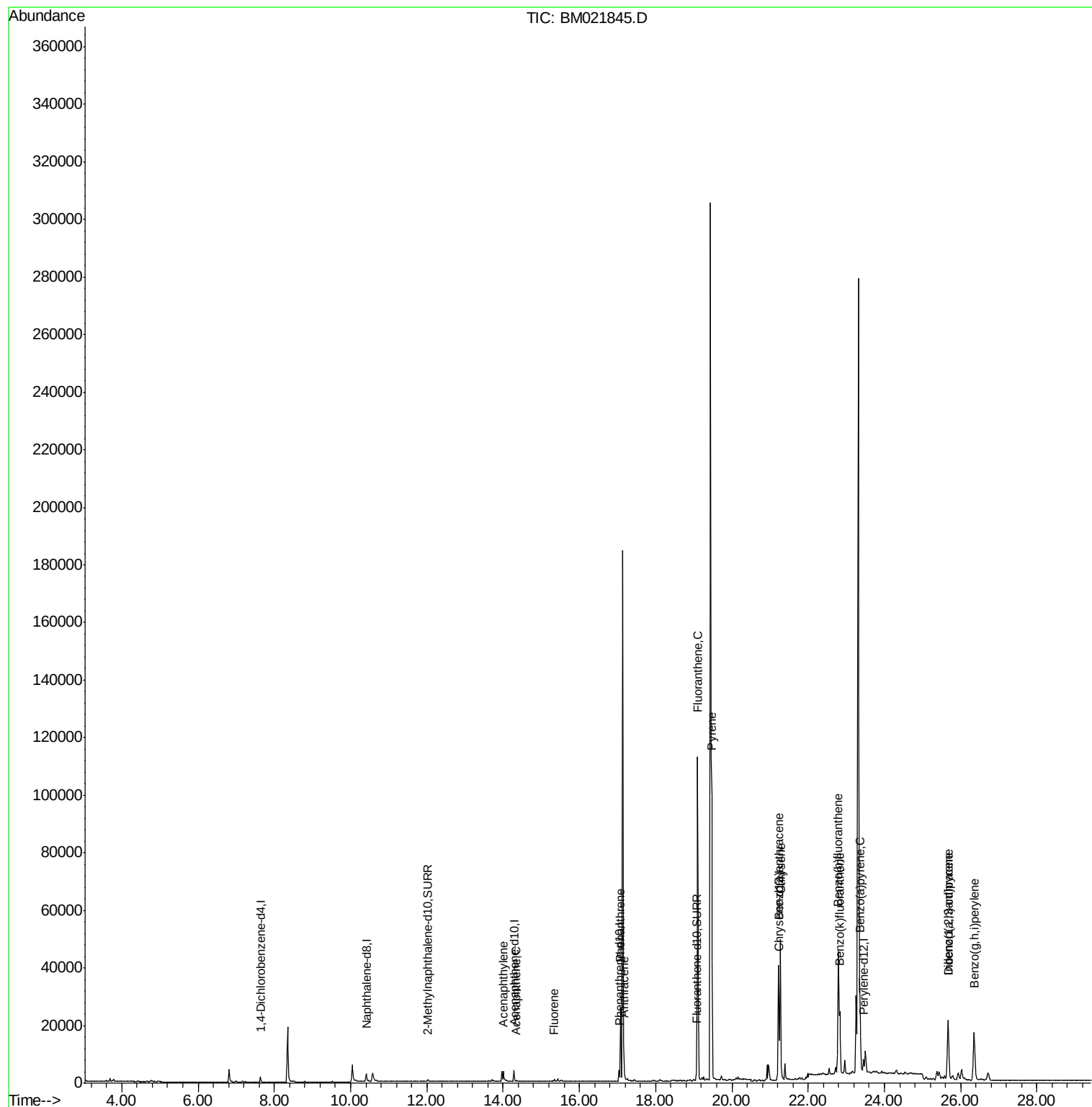
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021845.D
Acq On : 05 Aug 2019 16:50
Operator : HP/JU
Sample : K3863-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

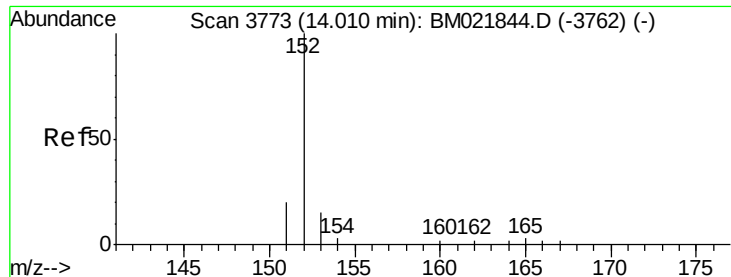
Instrument :
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A52F2

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Quant Time: Aug 05 17:41:31 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





#7

Acenaphthylene

Concen: 0.099 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.01 min

Lab File: BM021845.D

Acq: 05 Aug 2019 16:50

Instrument :

BNA_M

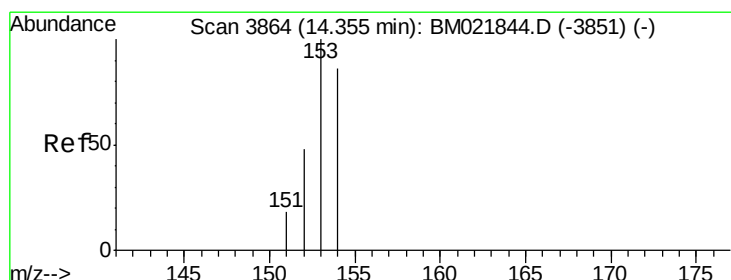
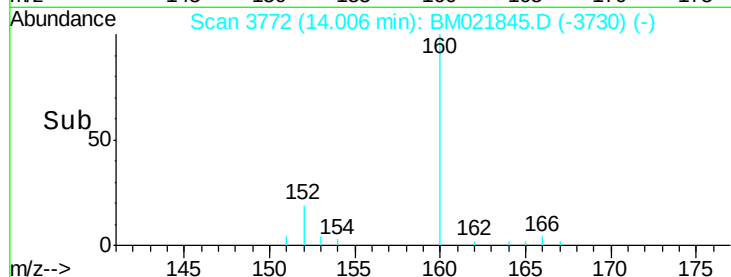
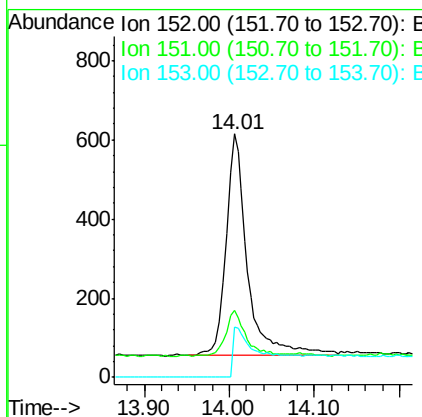
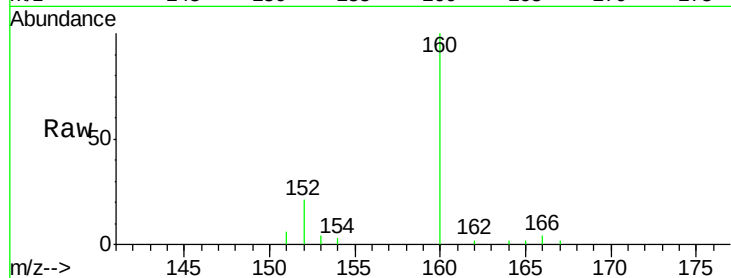
ClientSampleId :

A52F2

Tgt Ion:	152	Resp:	937
Ion Ratio	Lower	Upper	
152	100		
151	27.6	18.3	27.5#
153	21.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.034 ng/ul

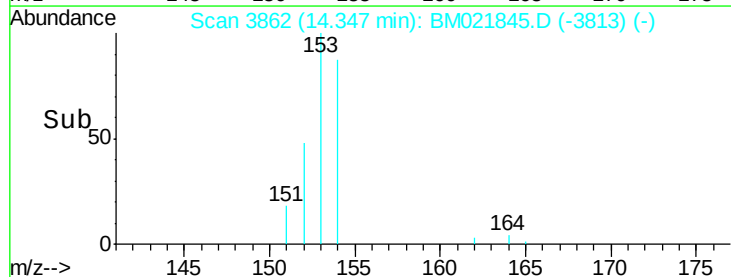
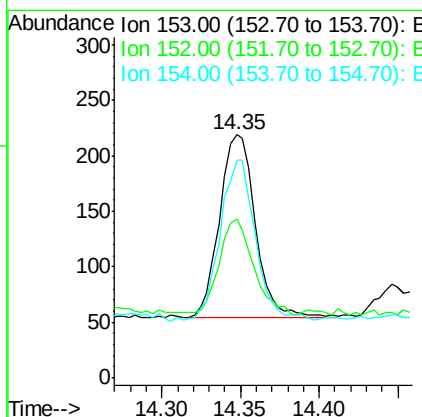
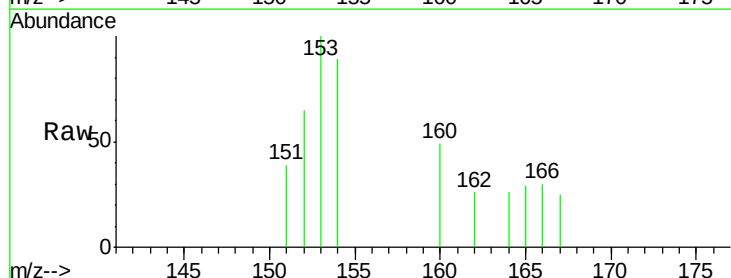
RT: 14.35 min Scan# 3862

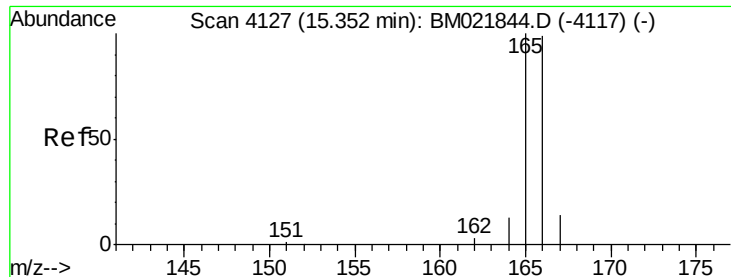
Delta R.T. -0.01 min

Lab File: BM021845.D

Acq: 05 Aug 2019 16:50

Tgt Ion:	153	Resp:	261
Ion Ratio	Lower	Upper	
153	100		
152	65.3	41.3	61.9#
154	89.5	72.3	108.5





#9

Fluorene

Concen: 0.058 ng/ul

RT: 15.34 min Scan# 4125

Delta R.T. -0.02 min

Lab File: BM021845.D

Acq: 05 Aug 2019 16:50

Instrument :

BNA_M

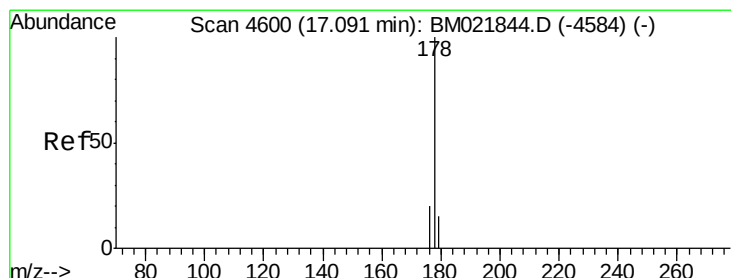
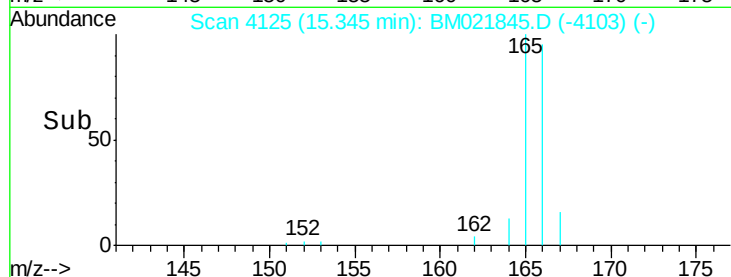
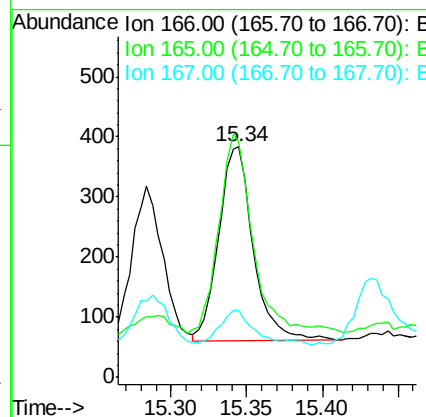
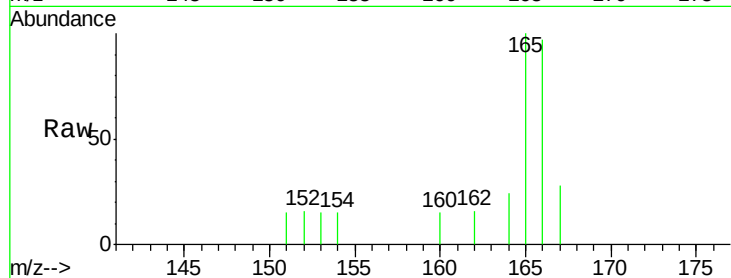
ClientSampleId :

A52F2

Tgt Ion:	166	Resp:	505
Ion Ratio	Lower	Upper	
166	100		
165	102.6	81.4	122.0
167	29.0	13.7	20.5#

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#12

Phenanthrene

Concen: 1.834 ng/ul

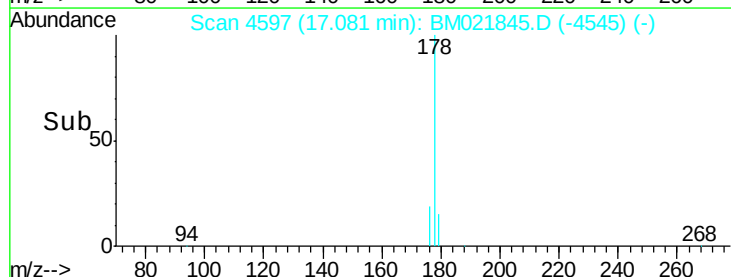
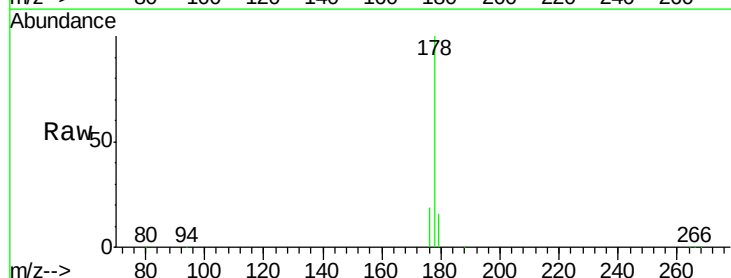
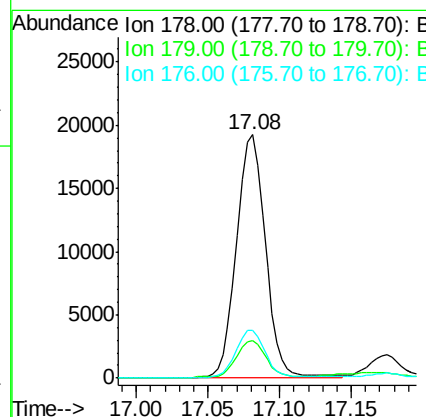
RT: 17.08 min Scan# 4597

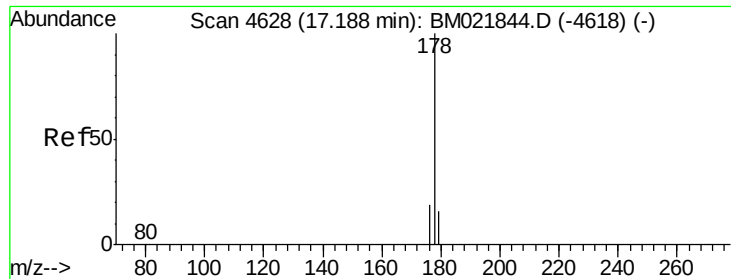
Delta R.T. -0.02 min

Lab File: BM021845.D

Acq: 05 Aug 2019 16:50

Tgt Ion:	178	Resp:	26742
Ion Ratio	Lower	Upper	
178	100		
179	15.5	14.2	21.2
176	19.4	16.8	25.2





#13

Anthracene

Concen: 0.215 ng/ul m

RT: 17.17 min Scan# 4624

Delta R.T. -0.03 min

Lab File: BM021845.D

Acq: 05 Aug 2019 16:50

Instrument :

BNA_M

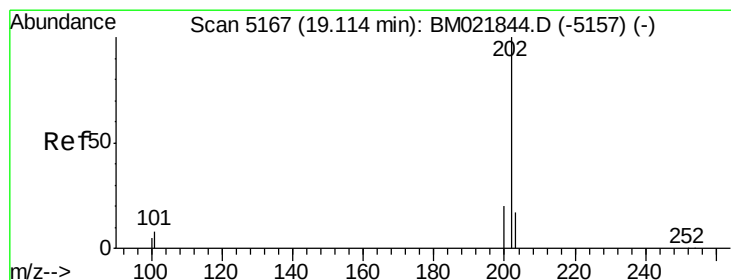
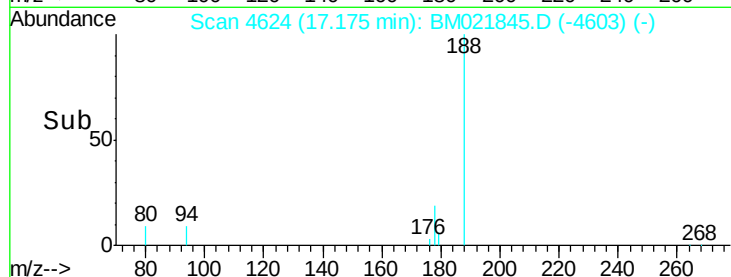
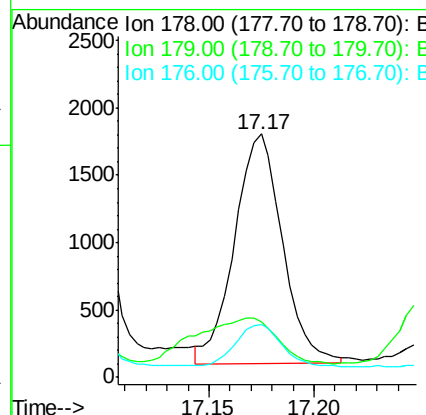
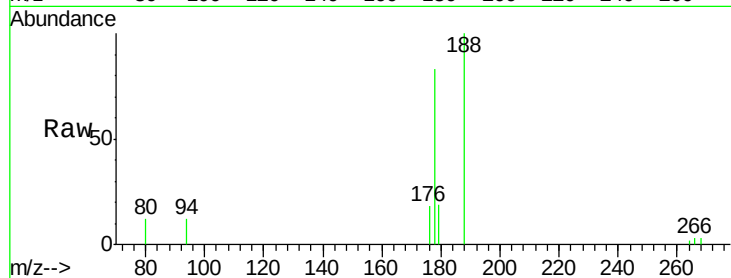
ClientSampleId :

A52F2

Tgt Ion:	178	Resp:	2675
Ion Ratio	Lower	Upper	
178	100		
179	22.8	15.5	23.3
176	21.8	16.6	25.0

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#15

Fluoranthene

Concen: 5.050 ng/ul m

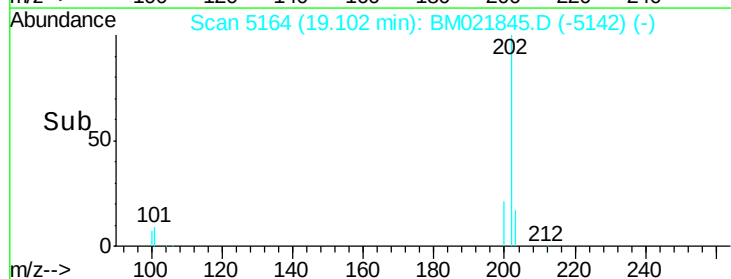
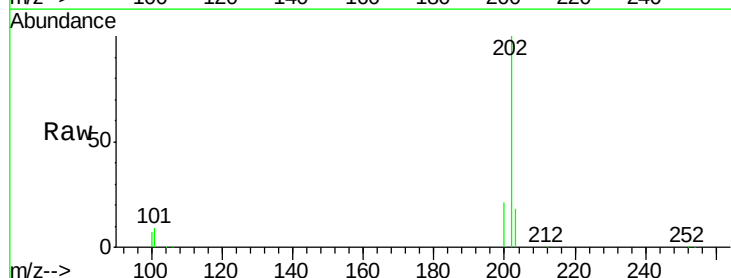
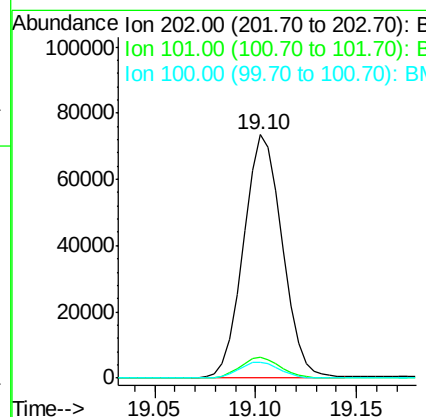
RT: 19.10 min Scan# 5164

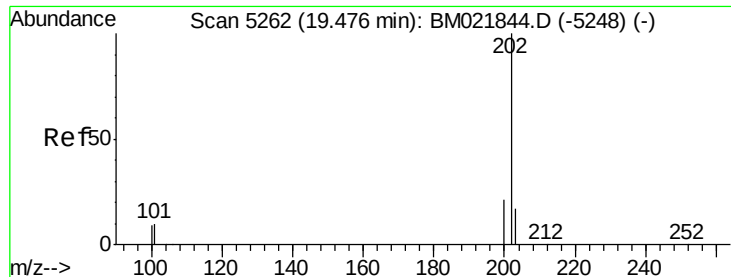
Delta R.T. -0.02 min

Lab File: BM021845.D

Acq: 05 Aug 2019 16:50

Tgt Ion:	202	Resp:	98609
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	30.2
100	6.7	0.0	28.1





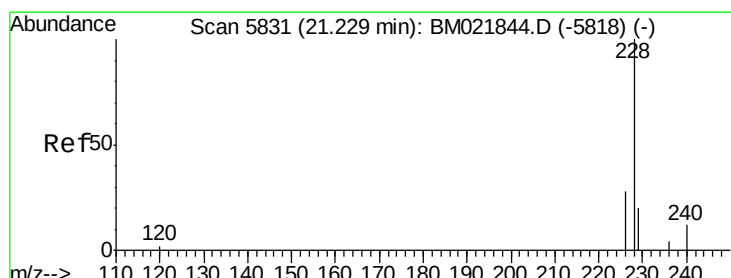
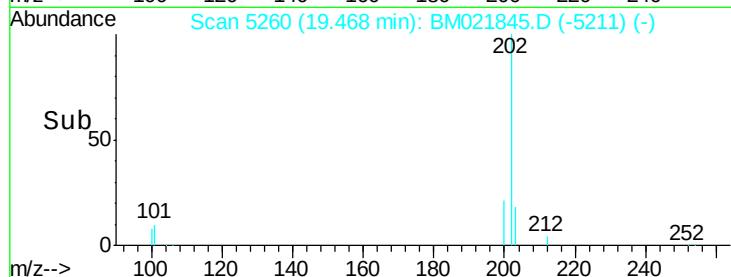
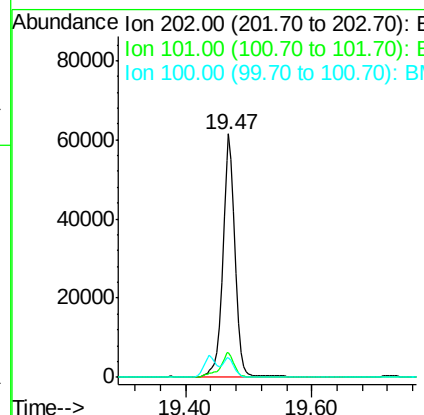
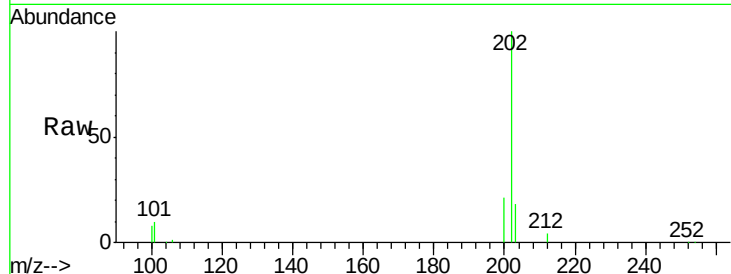
#17
Pyrene
 Concen: 4.123 ng/ul
 RT: 19.47 min Scan# 5260
 Delta R.T. -0.01 min
 Lab File: BM021845.D
 Acq: 05 Aug 2019 16:50

Instrument :
 BNA_M
 ClientSampleId :
 A52F2

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.0	8.3	12.5
100	8.3	7.2	10.8

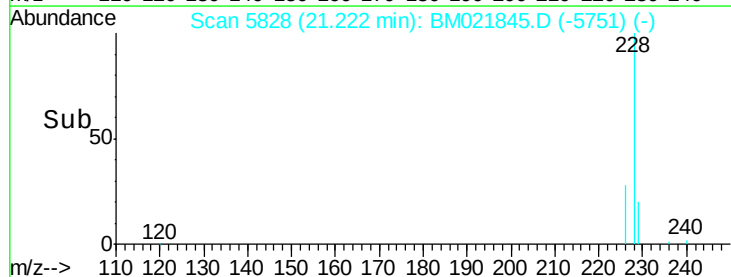
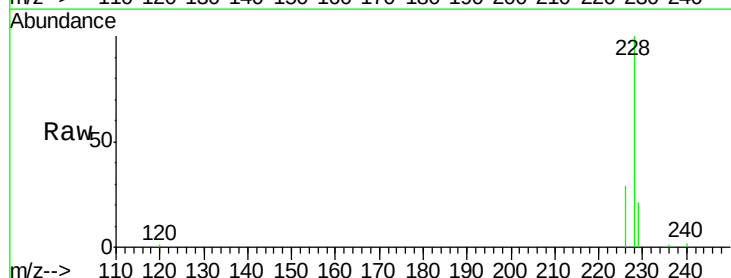
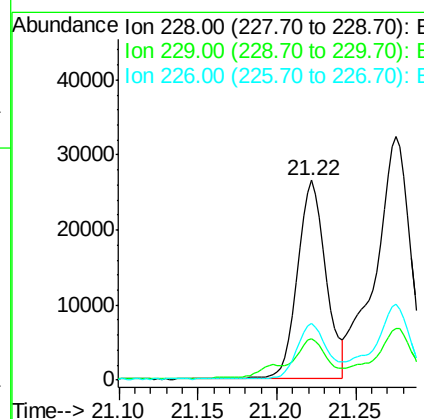
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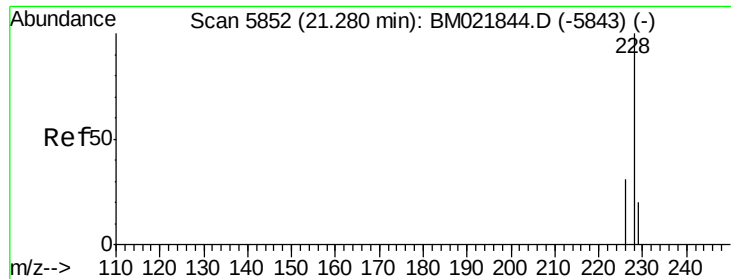
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#18
Benzo(a)anthracene
 Concen: 1.913 ng/ul
 RT: 21.22 min Scan# 5828
 Delta R.T. -0.01 min
 Lab File: BM021845.D
 Acq: 05 Aug 2019 16:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.8	17.2	25.8
226	28.6	22.6	34.0





#19

Chrysene

Concen: 2.272 ng/ul

RT: 21.28 min Scan# 5850

Delta R.T. -0.01 min

Lab File: BM021845.D

Acq: 05 Aug 2019 16:50

Instrument :

BNA_M

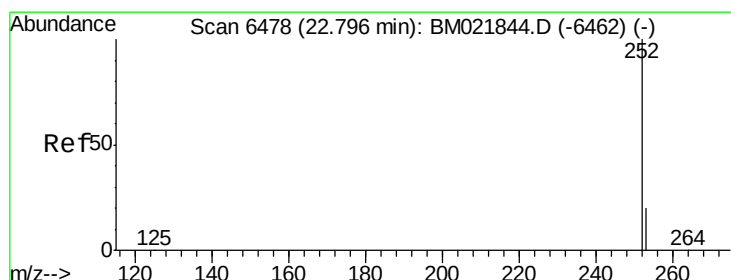
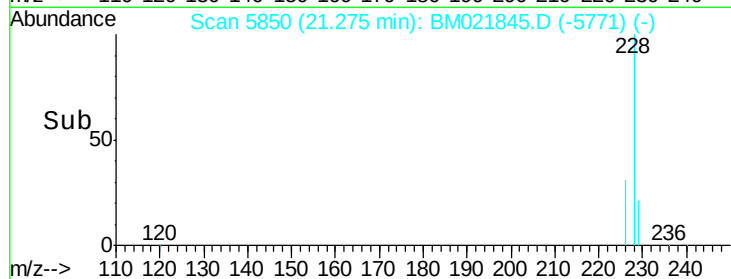
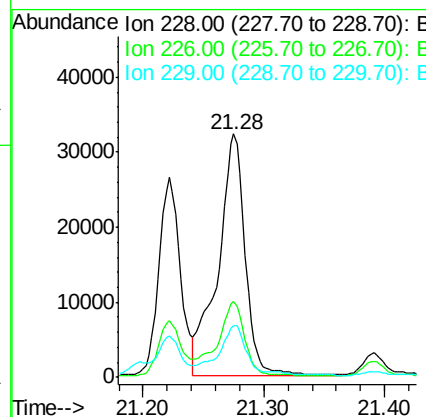
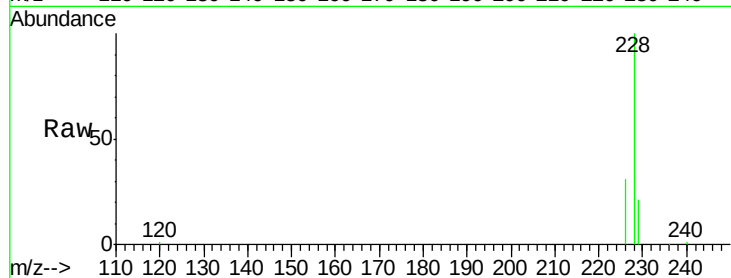
ClientSampleId :

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Tgt Ion:	228	Resp:	50697
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.9	37.3
229	21.4	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 4.091 ng/ul m

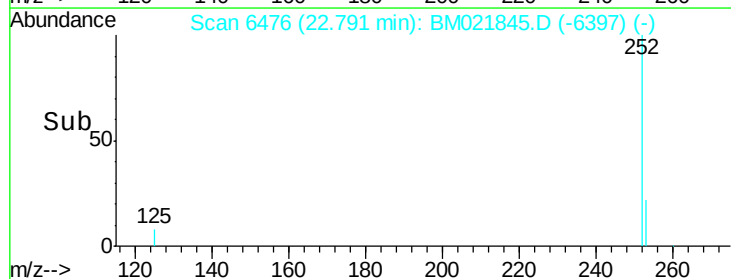
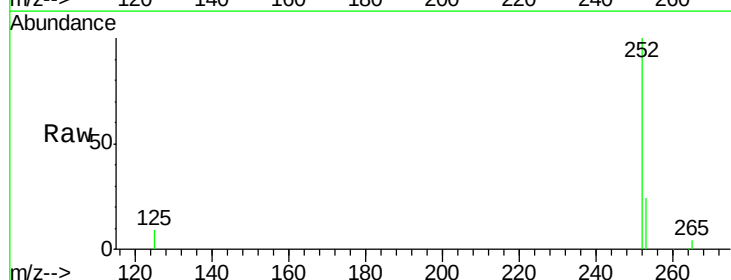
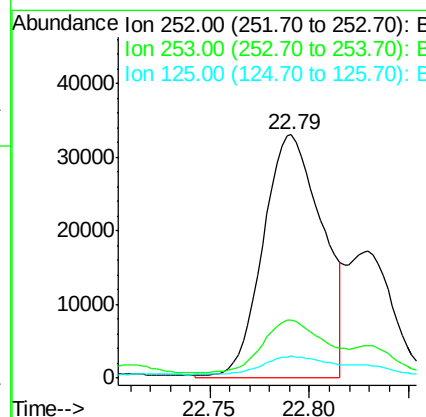
RT: 22.79 min Scan# 6476

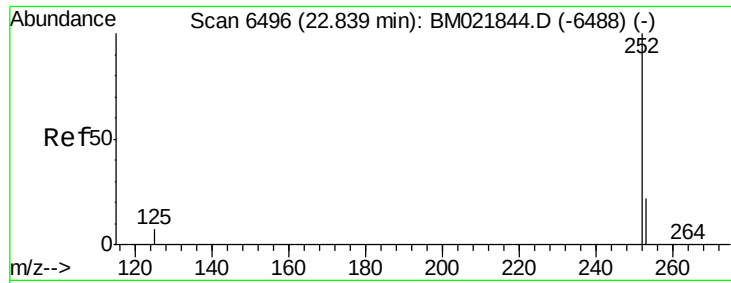
Delta R.T. -0.01 min

Lab File: BM021845.D

Acq: 05 Aug 2019 16:50

Tgt Ion:	252	Resp:	68376
Ion Ratio	Lower	Upper	
252	100		
253	23.9	0.0	67.4
125	9.0	0.0	31.0





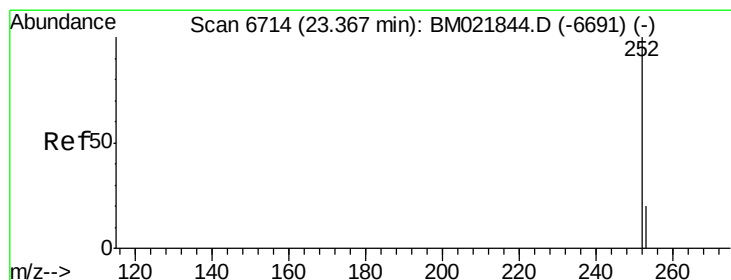
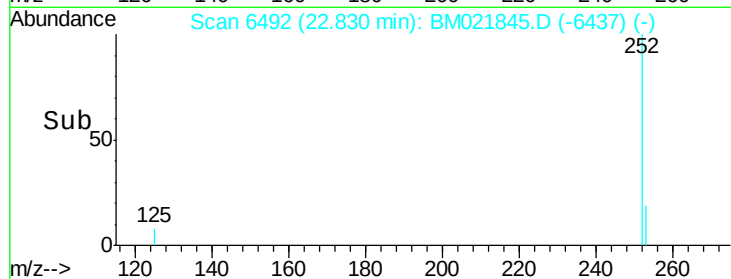
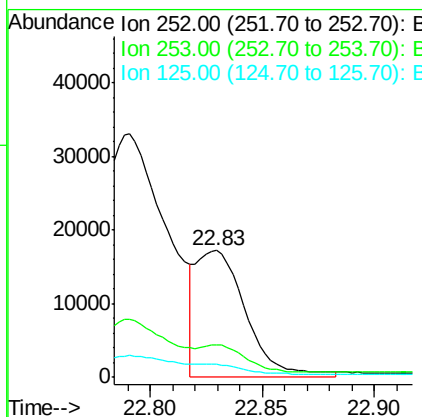
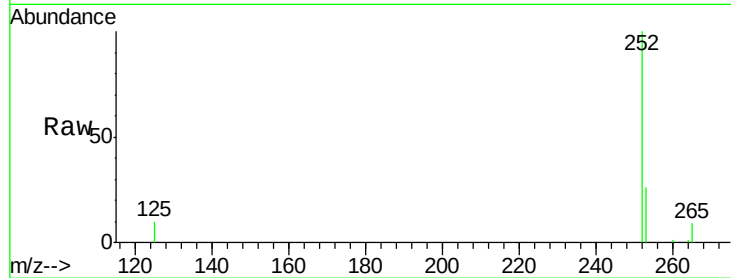
#22
Benzo(k)fluoranthene
Concen: 1.426 ng/ul m
RT: 22.83 min Scan# 6492
Delta R.T. -0.02 min
Lab File: BM021845.D
Acq: 05 Aug 2019 16:50

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	27.0	40.4#
125	10.0	12.2	18.2#

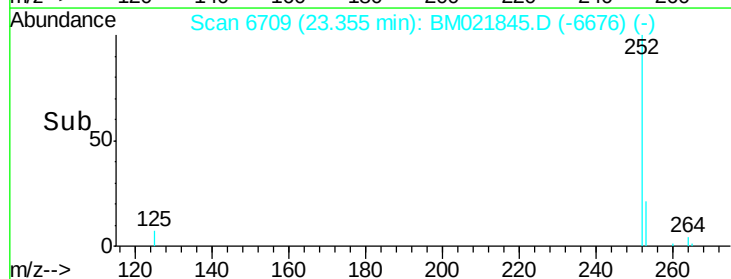
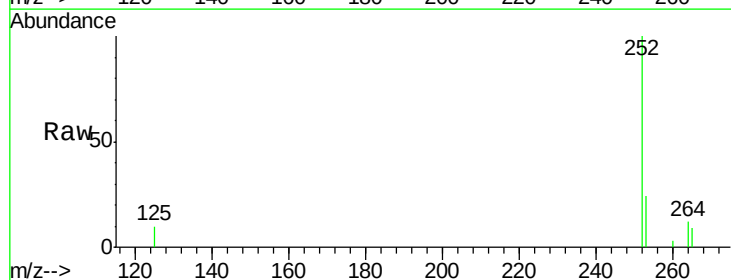
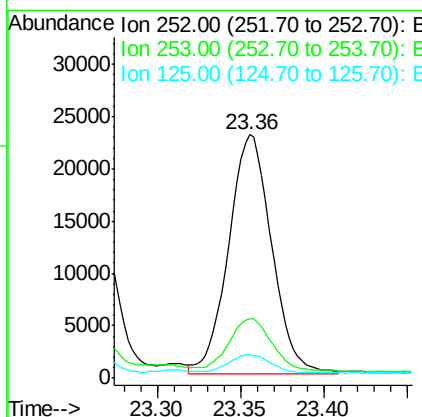
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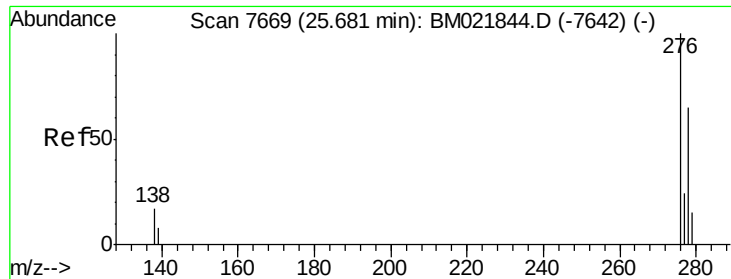
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#23
Benzo(a)pyrene
Concen: 2.416 ng/ul m
RT: 23.36 min Scan# 6709
Delta R.T. -0.02 min
Lab File: BM021845.D
Acq: 05 Aug 2019 16:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	31.7	47.5#
125	9.7	14.6	21.8#





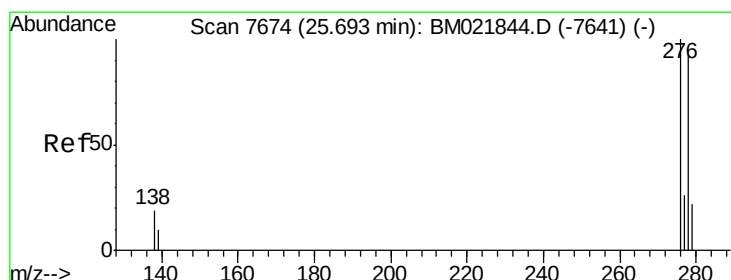
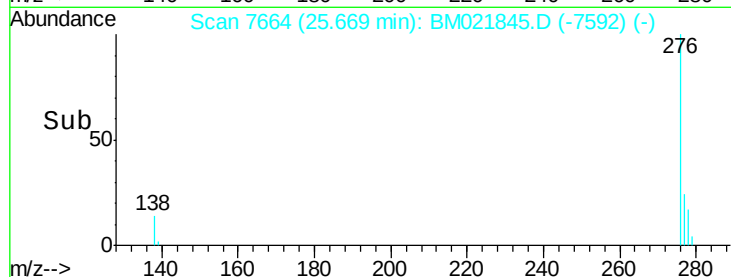
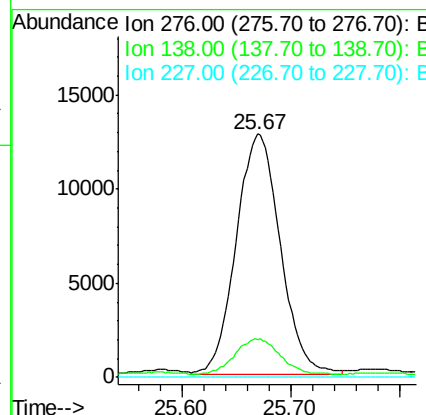
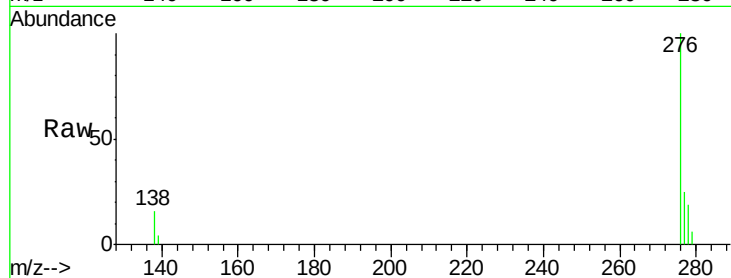
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.771 ng/ul m
 RT: 25.67 min Scan# 7664
 Delta R.T. -0.03 min
 Lab File: BM021845.D
 Acq: 05 Aug 2019 16:50

Instrument :
 BNA_M
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Tgt Ion	Ratio	Resp	Lower	Upper
276	100	35938		
138	1.4	15.1	22.7#	
227	0.0	0.0	0.0	

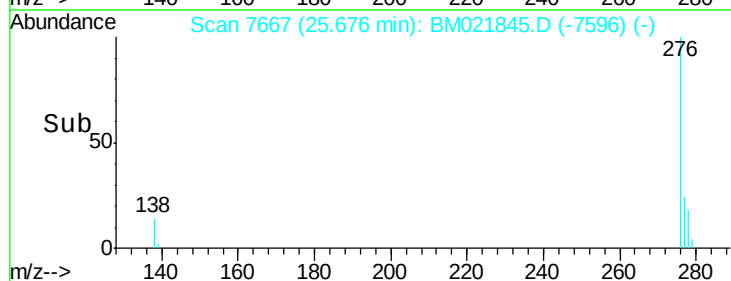
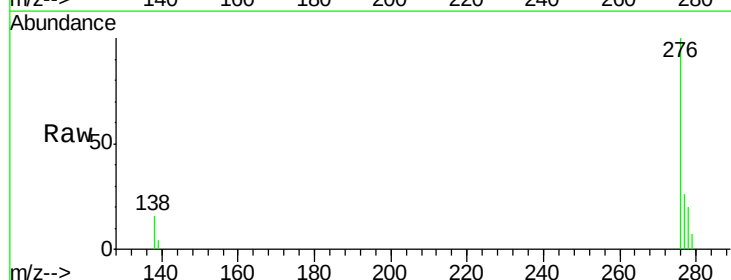
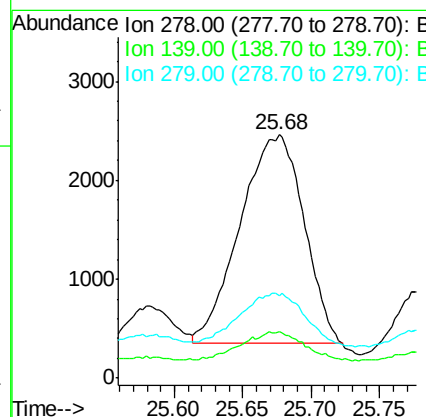
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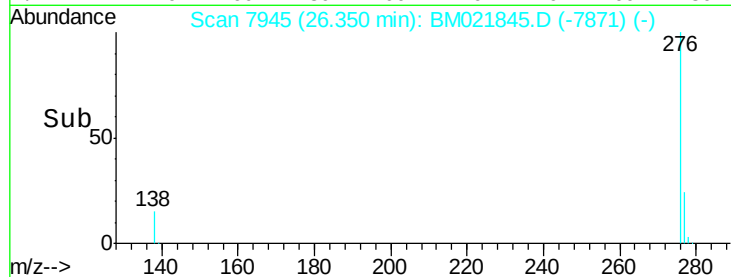
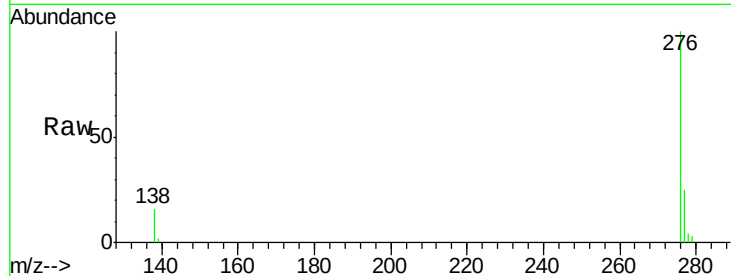
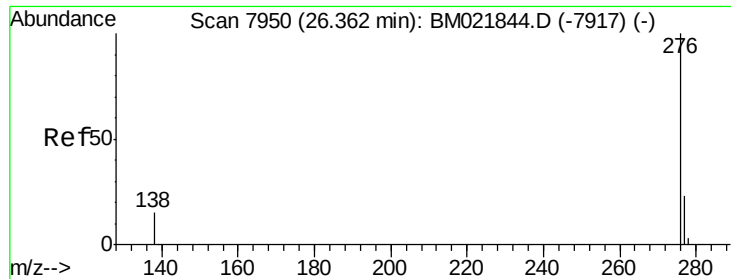
mohammad
 8/5/2019 10:17:28 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.418 ng/ul
 RT: 25.68 min Scan# 7667
 Delta R.T. -0.03 min
 Lab File: BM021845.D
 Acq: 05 Aug 2019 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	6850		
139	19.0	14.2	21.2	
279	34.1	28.3	42.5	





#26

Benzo(g,h,i)perylene

Concen: 1.917 ng/ul m

RT: 26.35 min Scan# 7945

Delta R.T. -0.02 min

Lab File: BM021845.D

Acq: 05 Aug 2019 16:50

Instrument :

BNA_M

ClientSampleId :

A52F2

Tgt Ion:	276	Resp:	35021
Ion Ratio	Lower	Upper	
276	100		
138	16.2	15.5	23.3
277	24.8	21.4	32.2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:17:28 PM

