

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022127.D
 Acq On : 15 Aug 2019 03:59
 Operator : HP/JU
 Sample : K4304-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Manual Integrations
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mohammad
 8/15/2019 5:10:02 PM

Quant Time: Aug 15 12:37:18 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 : Wed Aug 14 13:53:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	899	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.37	136	3675	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	1945	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4247m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	4157m	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4385m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	1488	0.25	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	3919m	0.27	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.42	128	14849	1.430	ng/ul#	92
5) 2-Methylnaphthalene	12.05	142	5300	0.766	ng/ul	97
7) Acenaphthylene	13.97	152	3976	0.438	ng/ul#	83
8) Acenaphthene	14.31	153	9720	1.310	ng/ul	95
9) Fluorene	15.31	166	11806	1.432	ng/ul	97
12) Phenanthrene	17.05	178	189908m	15.368	ng/ul	
13) Anthracene	17.14	178	36264m	3.440	ng/ul	
15) Fluoranthene	19.08	202	258523m	15.617	ng/ul	
17) Pyrene	19.44	202	212174	12.421	ng/ul	97
18) Benzo(a)anthracene	21.20	228	118758m	7.987	ng/ul	
19) Chrysene	21.25	228	111974	5.855	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	147852m	9.999	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	56439m	3.373	ng/ul	
23) Benzo(a)pyrene	23.32	252	97643m	6.493	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.62	276	66652m	3.712	ng/ul	
25) Dibenzo(a,h)anthracene	25.62	278	19056m	1.313	ng/ul	
26) Benzo(g,h,i)perylene	26.29	276	58123m	3.596	ng/ul	

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

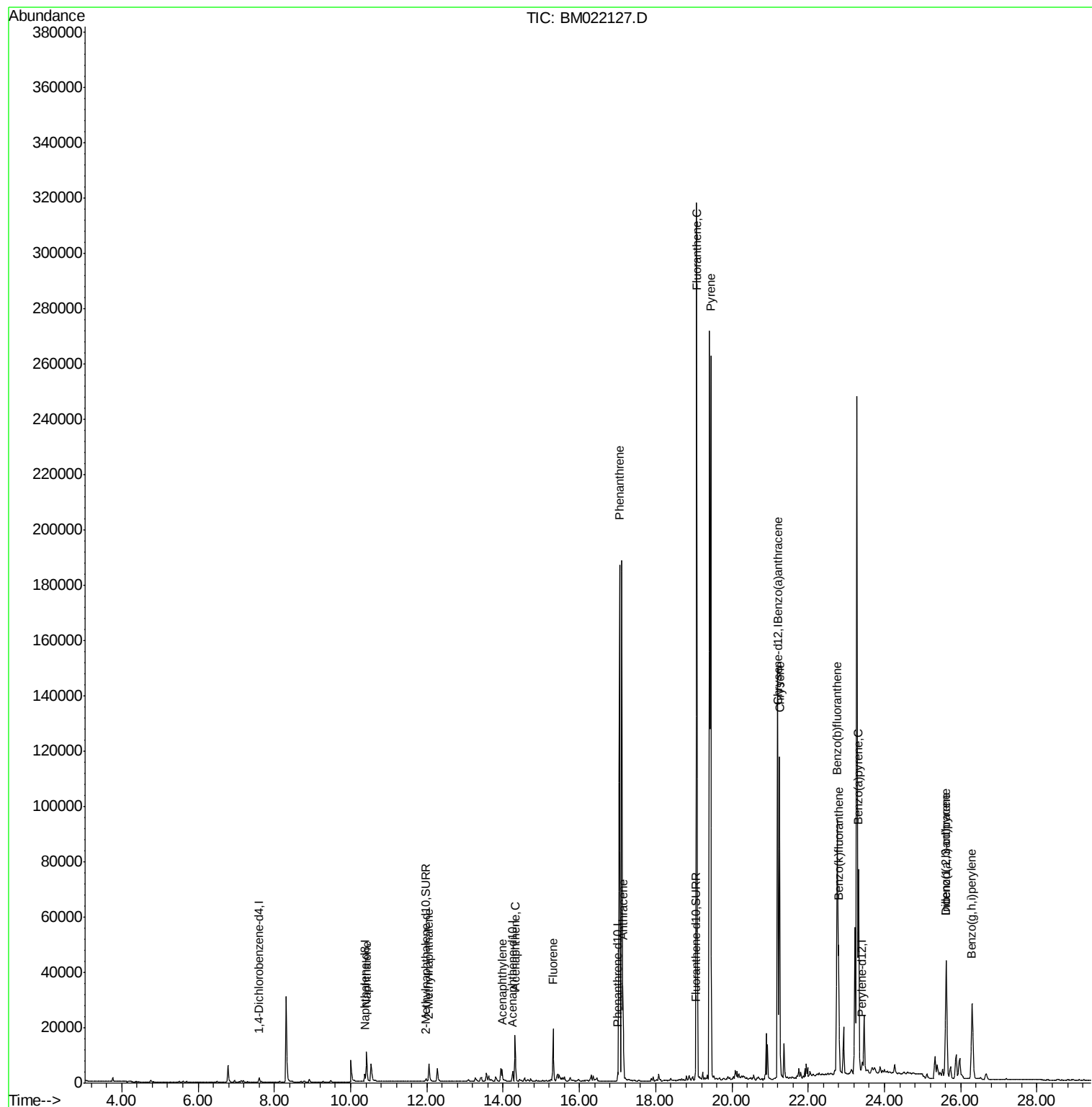
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022127.D
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Operator : HP/JU
Sample : K4304-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

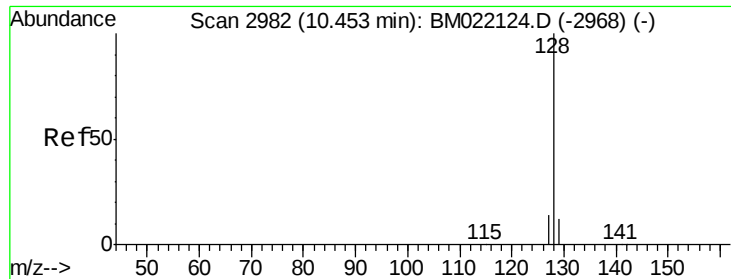
Instrument :
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QLast Update : Wed Aug 14 13:53:23 2019
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#3

Naphthalene

Concen: 1.430 ng/ul

RT: 10.42 min Scan# 2975

Delta R.T. -0.03 min

Lab File: BM022127.D

Acq: 15 Aug 2019 03:59

Instrument :

BNA_M

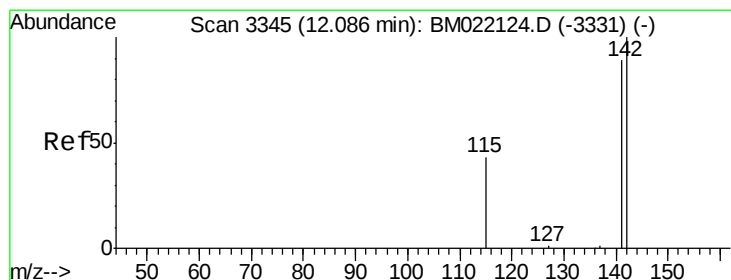
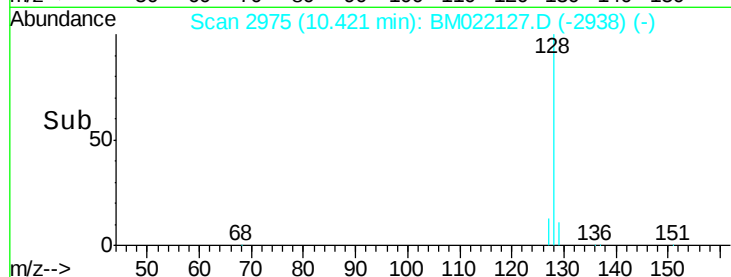
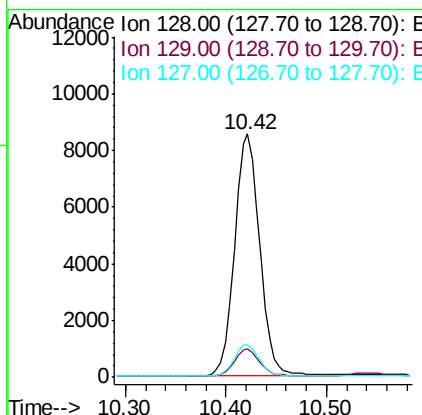
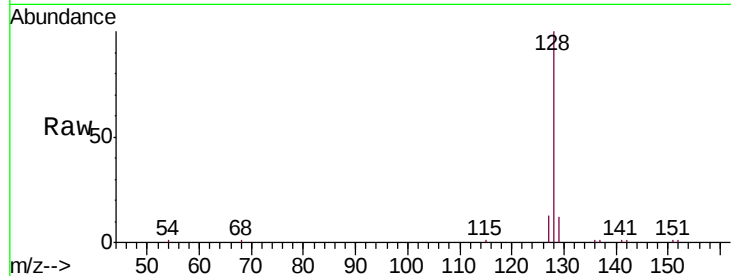
ClientSampleId :

CB5P0

Tgt Ion:	128	Resp:	14849
Ion Ratio		Lower	Upper
128	100		
129	11.5	12.3	18.5#
127	13.4	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.766 ng/ul

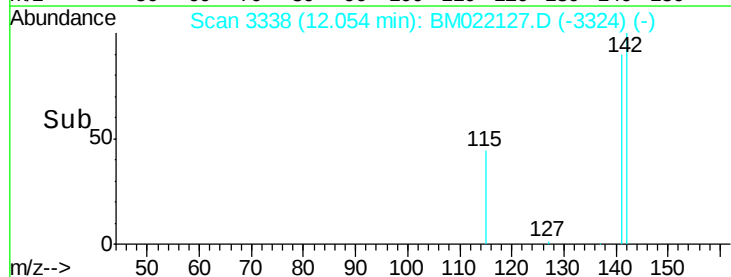
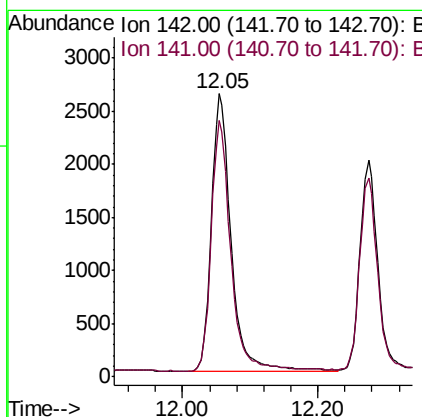
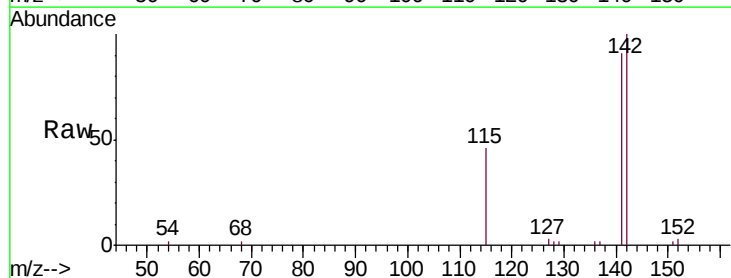
RT: 12.05 min Scan# 3338

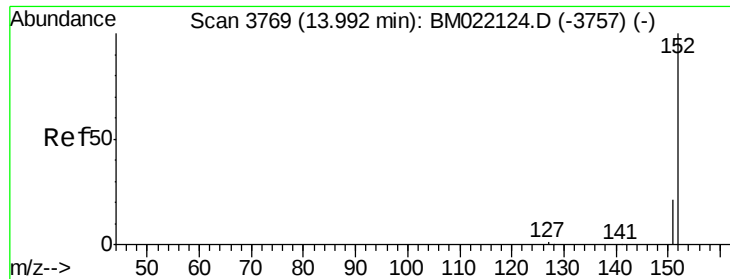
Delta R.T. -0.04 min

Lab File: BM022127.D

Acq: 15 Aug 2019 03:59

Tgt Ion:	142	Resp:	5300
Ion Ratio		Lower	Upper
142	100		
141	90.1	74.3	111.5





#7

Acenaphthylene

Concen: 0.438 ng/ul

RT: 13.97 min Scan# 3765

Delta R.T. -0.02 min

Lab File: BM022127.D

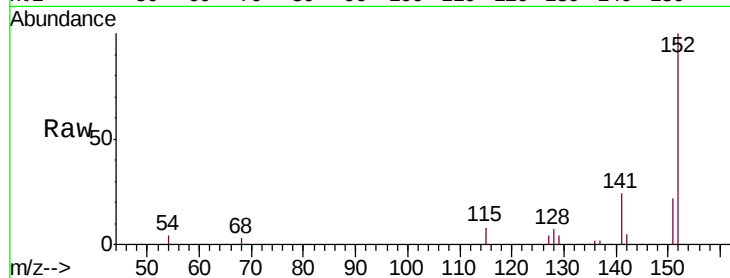
Acq: 15 Aug 2019 03:59

Instrument :

BNA_M

ClientSampleId :

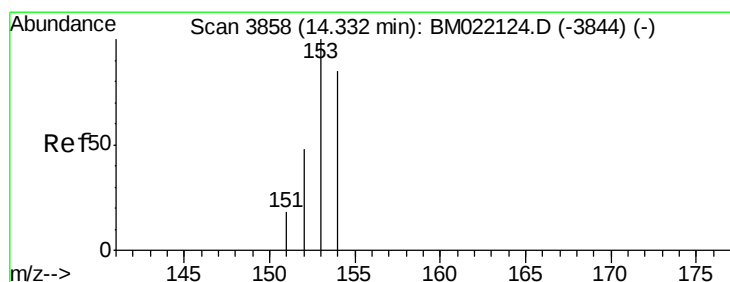
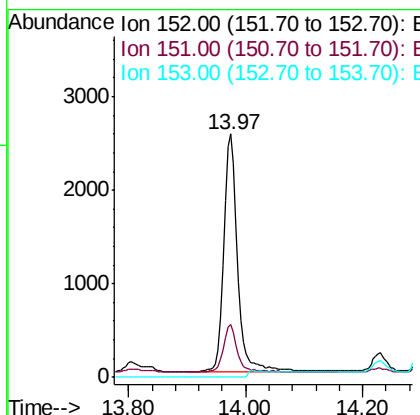
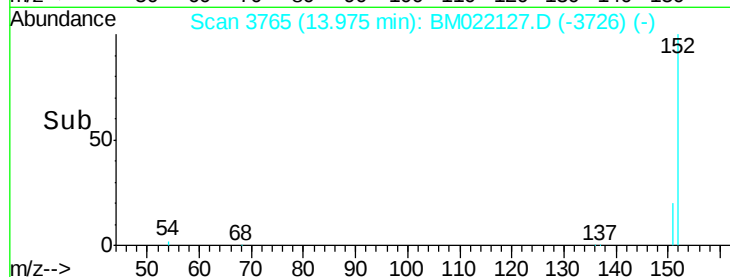
CB5P0



Tgt Ion:	152	Resp:	3976
Ion Ratio	Lower	Upper	
152	100		
151	21.8	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 1.310 ng/ul

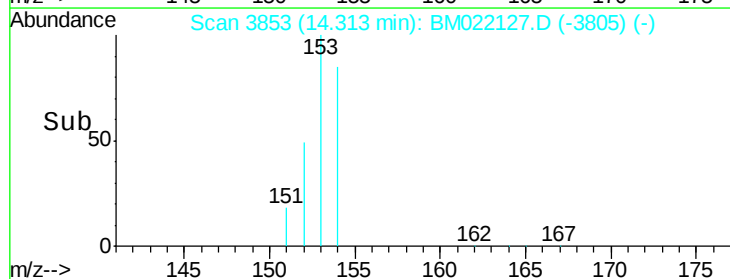
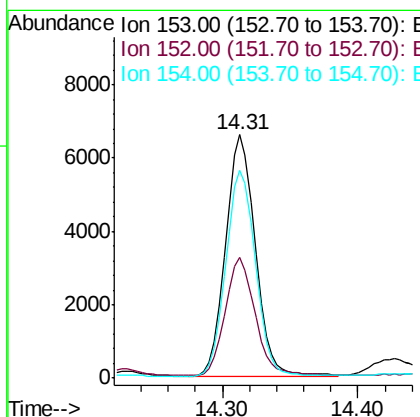
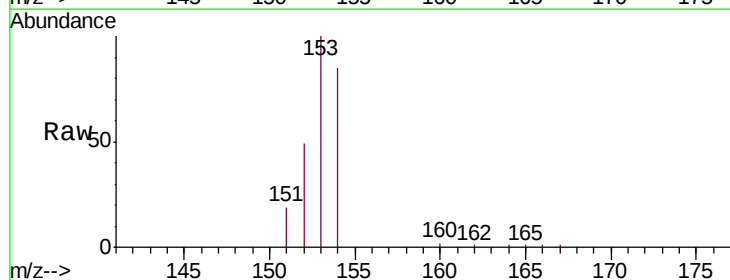
RT: 14.31 min Scan# 3853

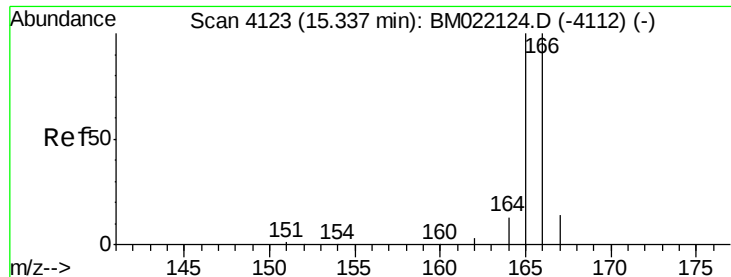
Delta R.T. -0.02 min

Lab File: BM022127.D

Acq: 15 Aug 2019 03:59

Tgt Ion:	153	Resp:	9720
Ion Ratio	Lower	Upper	
153	100		
152	49.4	41.3	61.9
154	85.3	72.3	108.5





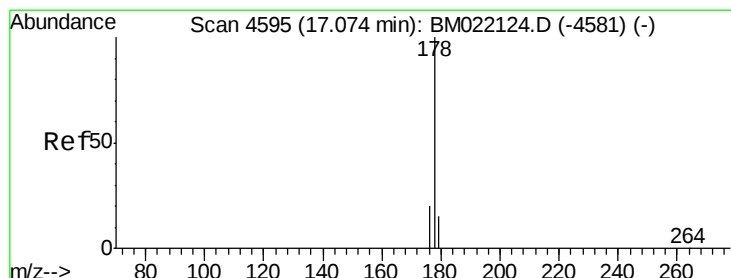
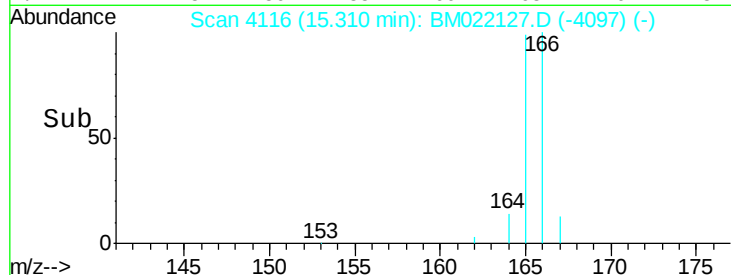
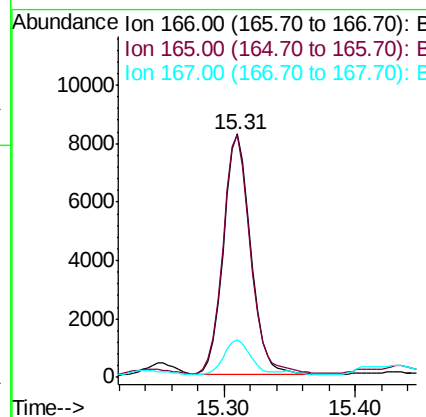
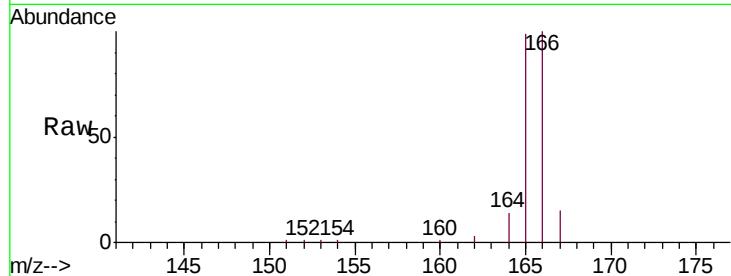
#9
Fluorene
 Concen: 1.432 ng/ul
 RT: 15.31 min Scan# 4116
 Delta R.T. -0.03 min
 Lab File: BM022127.D
 Acq: 15 Aug 2019 03:59

Instrument :
 BNA_M
 ClientSampled :
 CB5P0

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	81.4	122.0
167	15.3	13.7	20.5

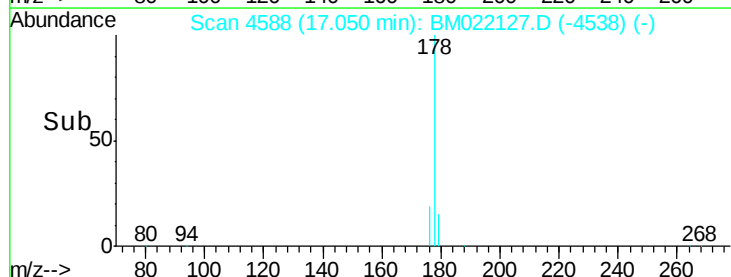
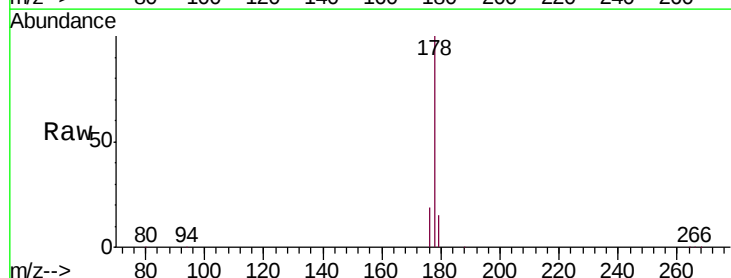
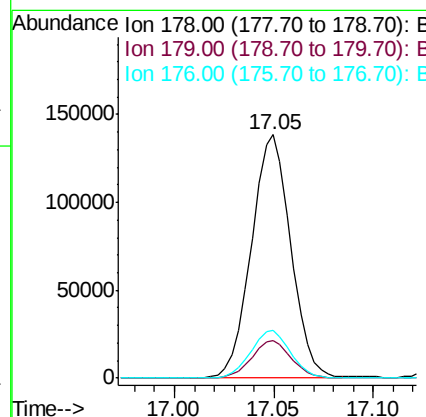
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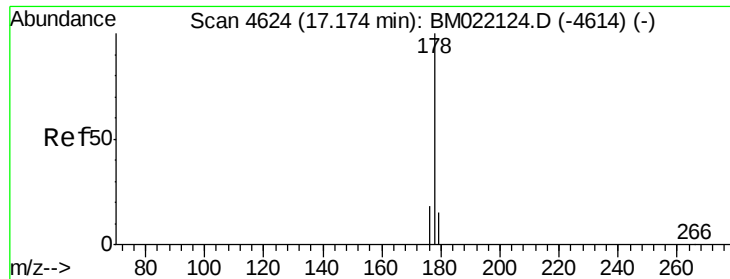
mohammad
 8/15/2019 5:10:02 PM



#12
Phenanthrene
 Concen: 15.368 ng/ul m
 RT: 17.05 min Scan# 4588
 Delta R.T. -0.03 min
 Lab File: BM022127.D
 Acq: 15 Aug 2019 03:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.2	21.2
176	19.5	16.8	25.2





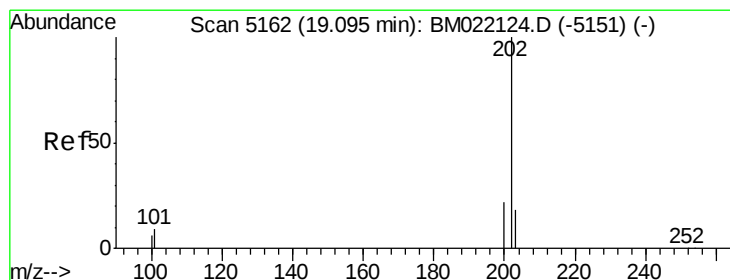
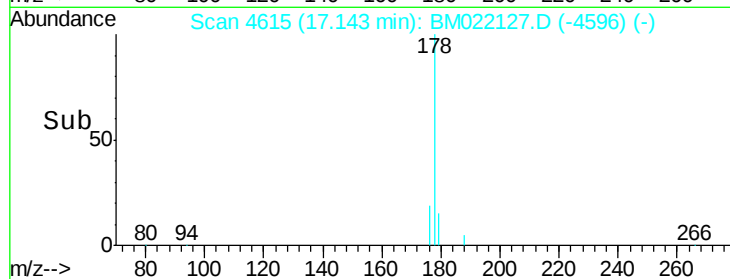
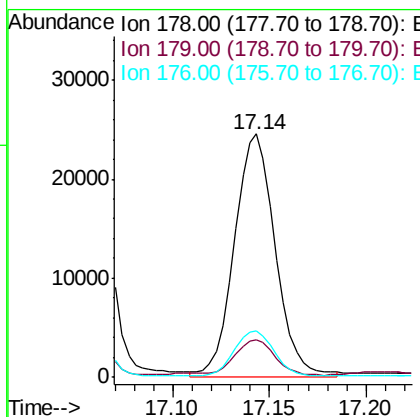
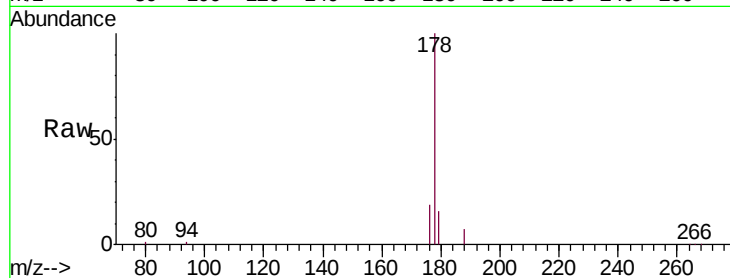
#13
 Anthracene
 Concen: 3.440 ng/ul m
 RT: 17.14 min Scan# 4615
 Delta R.T. -0.03 min
 Lab File: BM022127.D
 Acq: 15 Aug 2019 03:59

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	15.5	23.3
176	19.3	16.6	25.0

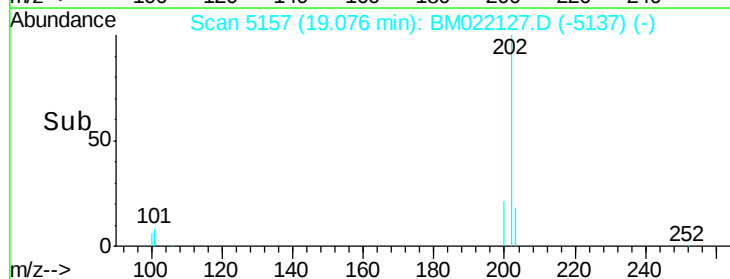
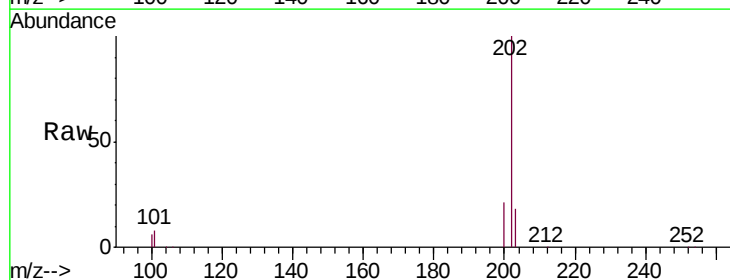
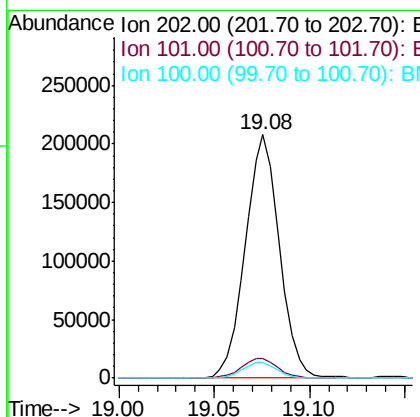
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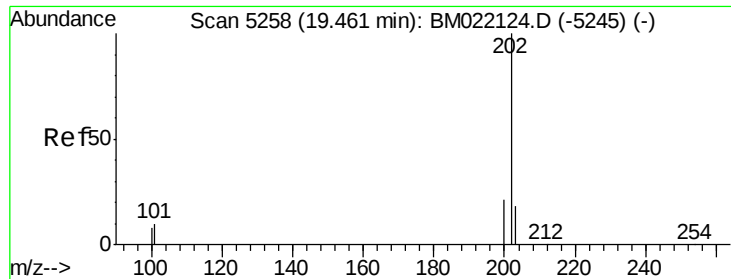
mohammad
 8/15/2019 5:10:02 PM



#15
 Fluoranthene
 Concen: 15.617 ng/ul m
 RT: 19.08 min Scan# 5157
 Delta R.T. -0.02 min
 Lab File: BM022127.D
 Acq: 15 Aug 2019 03:59

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





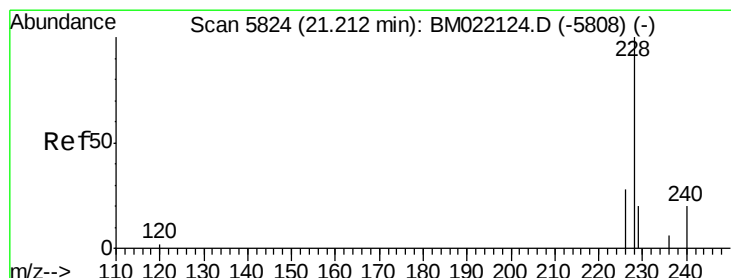
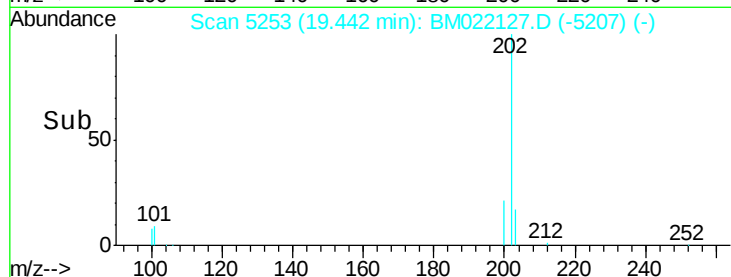
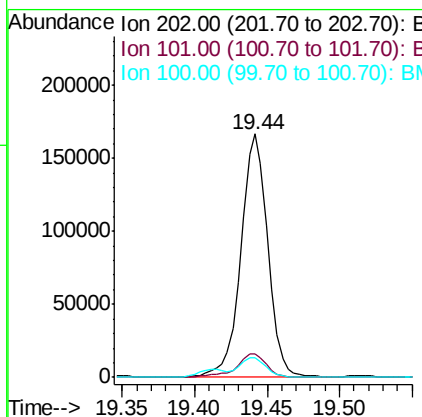
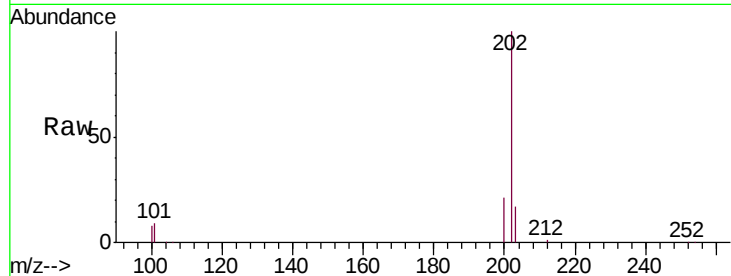
#17
Pyrene
 Concen: 12.421 ng/ul
 RT: 19.44 min Scan# 5253
 Delta R.T. -0.02 min
 Lab File: BM022127.D
 Acq: 15 Aug 2019 03:59

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	212174		
101	9.4	8.3	12.5	
100	7.9	7.2	10.8	

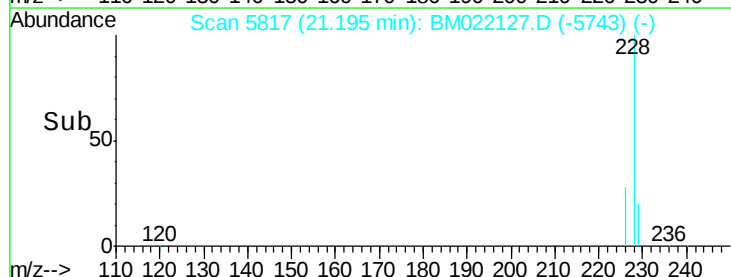
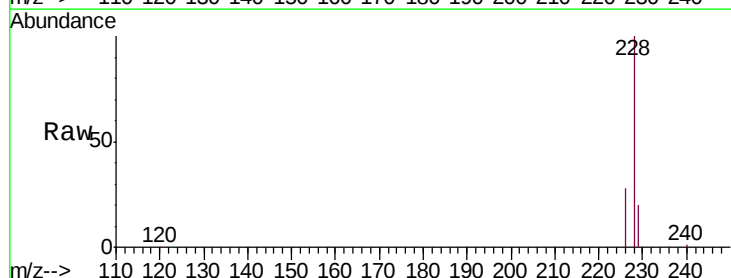
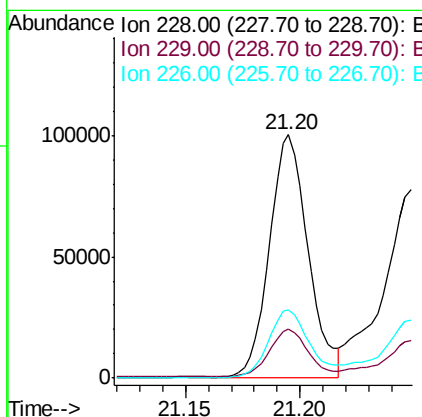
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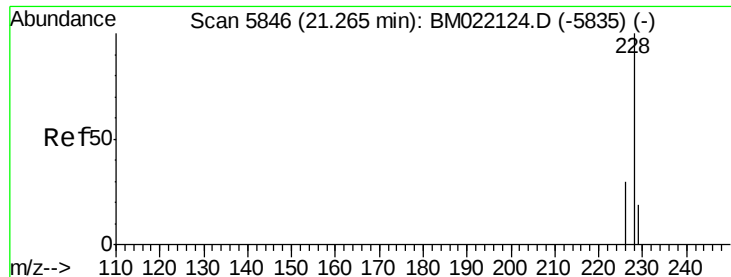
mohammad
 8/15/2019 5:10:02 PM



#18
Benzo(a)anthracene
 Concen: 7.987 ng/ul m
 RT: 21.20 min Scan# 5817
 Delta R.T. -0.02 min
 Lab File: BM022127.D
 Acq: 15 Aug 2019 03:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	118758		
229	19.9	17.2	25.8	
226	28.2	22.6	34.0	





#19

Chrysene

Concen: 5.855 ng/ul

RT: 21.25 min Scan# 5839

Delta R.T. -0.02 min

Lab File: BM022127.D

Acq: 15 Aug 2019 03:59

Instrument :

BNA_M

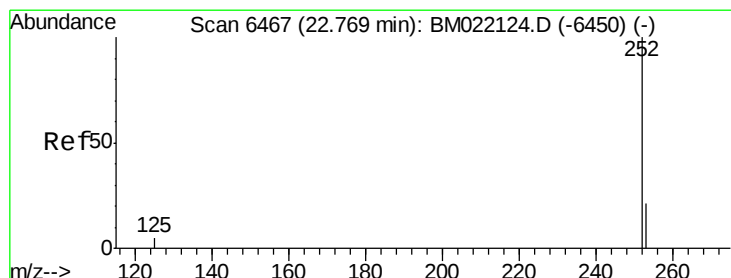
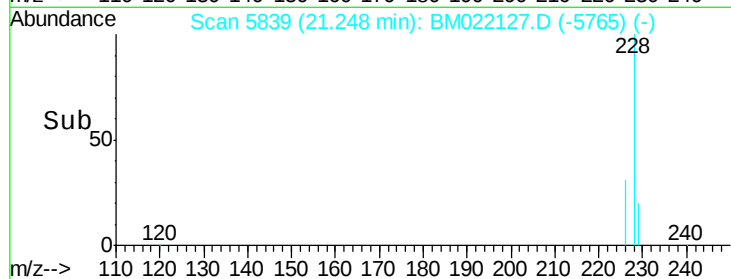
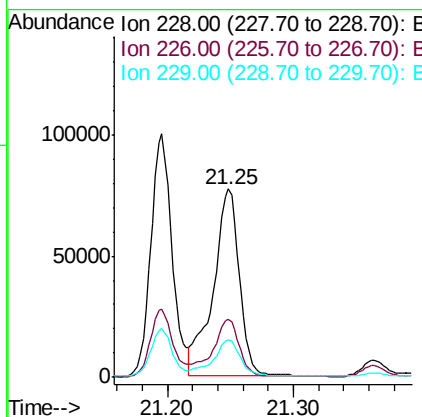
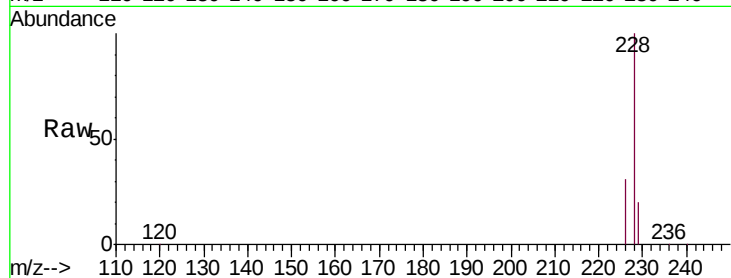
ClientSampled :

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Tgt Ion:	228	Resp:	111974
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.9	37.3
229	20.1	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 9.999 ng/ul m

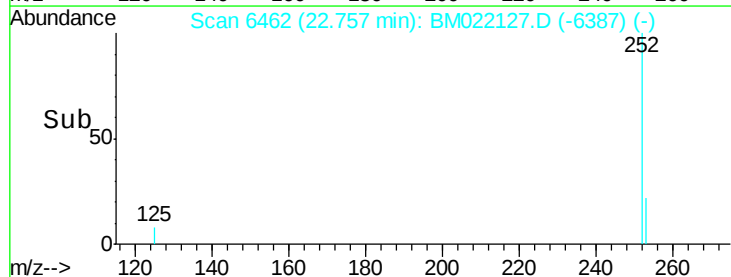
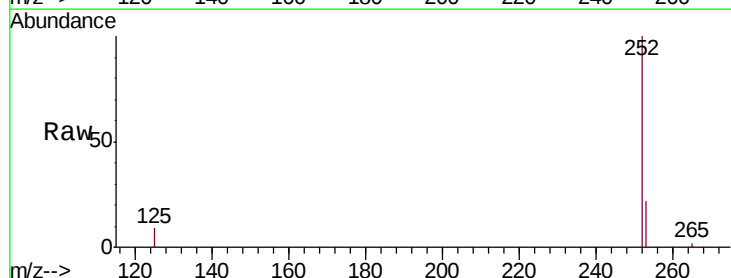
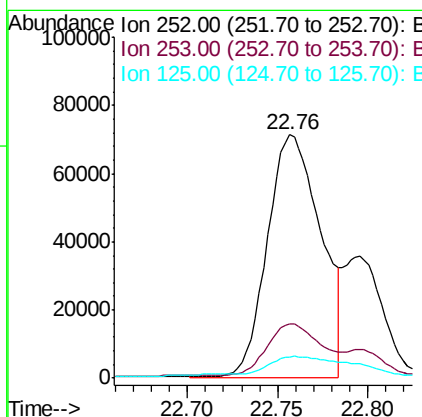
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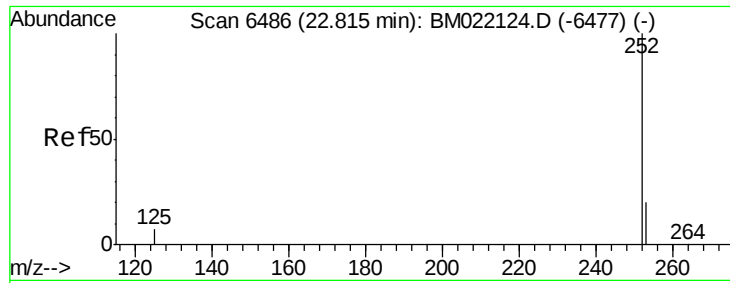
Delta R.T. -0.02 min

Lab File: BM022127.D

Acq: 15 Aug 2019 03:59

Tgt Ion:	252	Resp:	147852
Ion Ratio	Lower	Upper	
252	100		
253	22.4	0.0	67.4
125	8.8	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 3.373 ng/ul m

RT: 22.80 min Scan# 6478

Delta R.T. -0.03 min

Lab File: BM022127.D

Acq: 15 Aug 2019 03:59

Instrument :

BNA_M

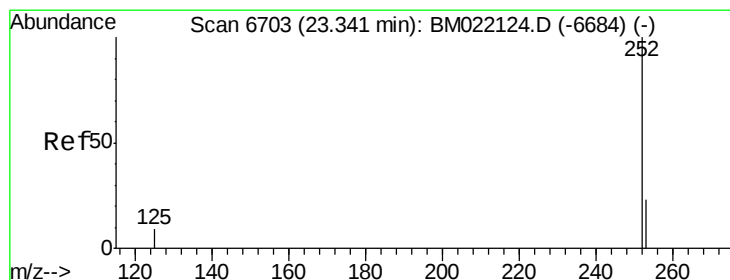
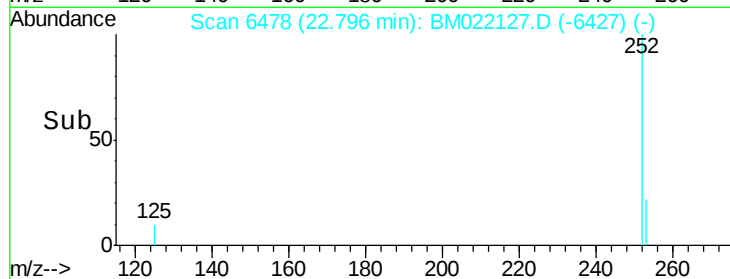
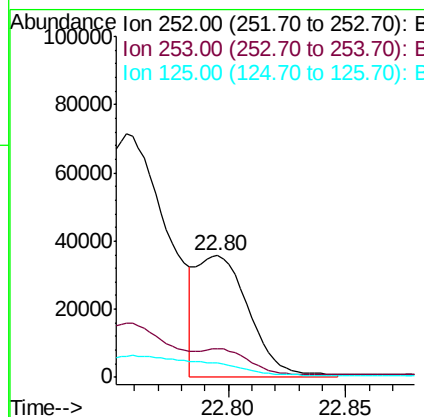
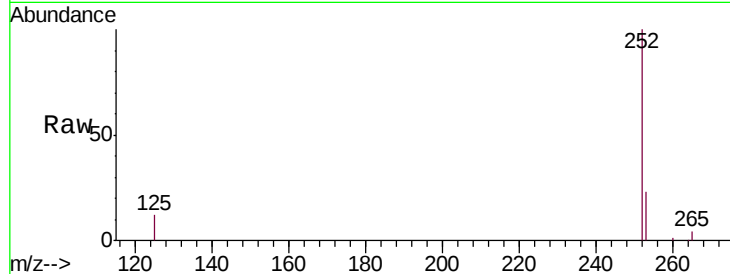
ClientSampled :

CB5P0

Tgt Ion:	252	Resp:	56439
Ion Ratio	Lower	Upper	
252	100		
253	23.5	27.0	40.4#
125	11.5	12.2	18.2#

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#23

Benzo(a)pyrene

Concen: 6.493 ng/ul m

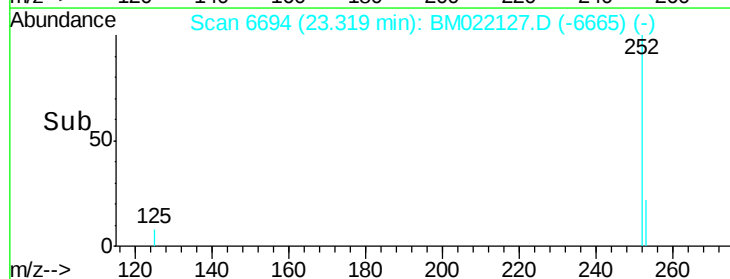
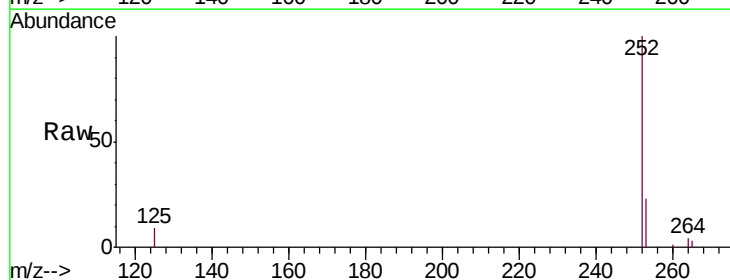
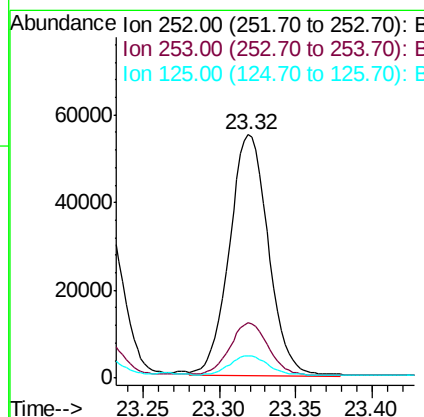
RT: 23.32 min Scan# 6694

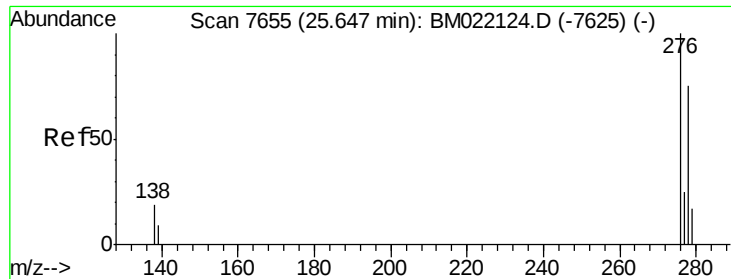
Delta R.T. -0.03 min

Lab File: BM022127.D

Acq: 15 Aug 2019 03:59

Tgt Ion:	252	Resp:	97643
Ion Ratio	Lower	Upper	
252	100		
253	22.6	31.7	47.5#
125	9.1	14.6	21.8#





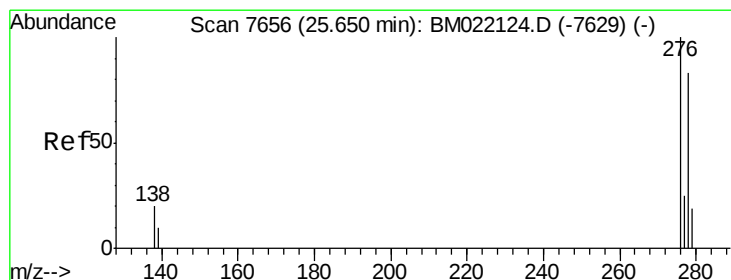
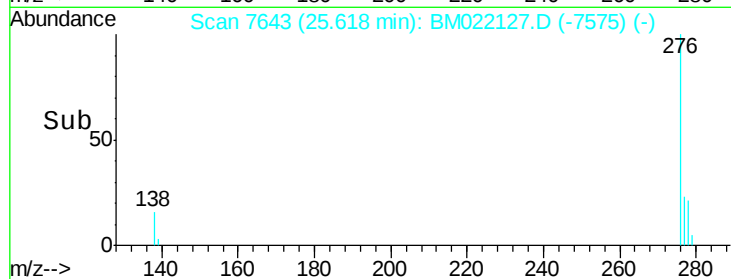
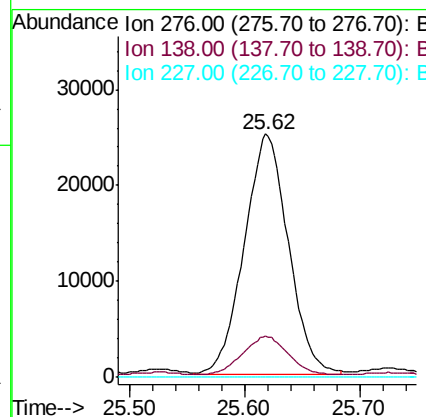
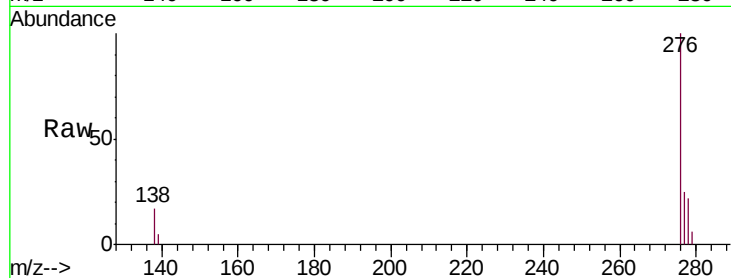
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.712 ng/ul m
 RT: 25.62 min Scan# 7643
 Delta R.T. -0.04 min
 Lab File: BM022127.D
 Acq: 15 Aug 2019 03:59

Instrument :
 BNA_M
 ClientSampleId :
 CB5P0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.2	15.1	22.7#
227	0.0	0.0	0.0

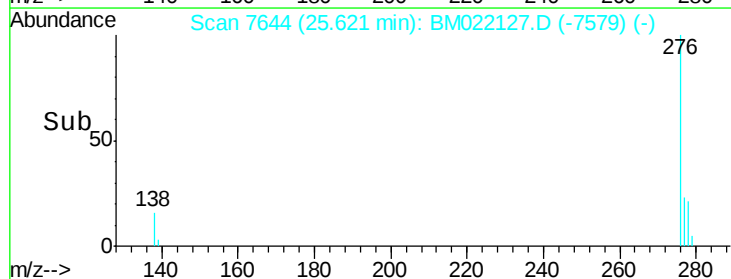
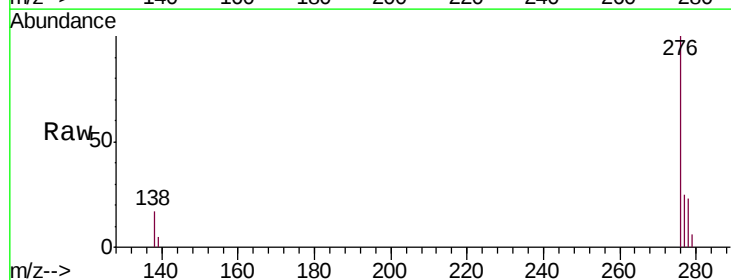
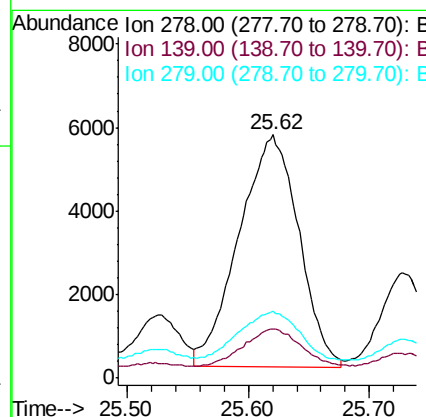
Manual Integrations
 APPROVED

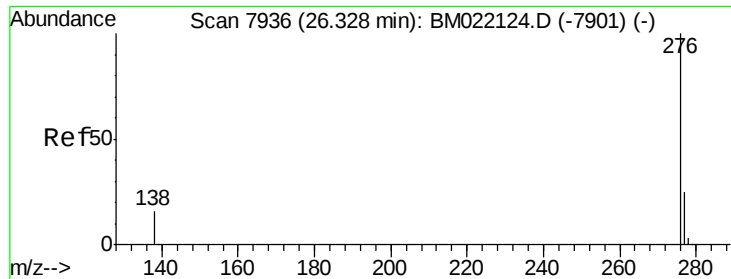
mohammad
 8/15/2019 5:10:02 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.313 ng/ul m
 RT: 25.62 min Scan# 7644
 Delta R.T. -0.04 min
 Lab File: BM022127.D
 Acq: 15 Aug 2019 03:59

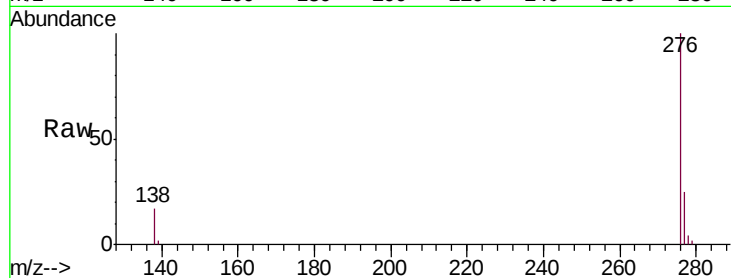
Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	14.2	21.2
279	27.5	28.3	42.5#





#26
Benzo(g,h,i)perylene
Concen: 3.596 ng/ul m
RT: 26.29 min Scan# 7922
Delta R.T. -0.04 min
Lab File: BM022127.D
Acq: 15 Aug 2019 03:59

Instrument :
BNA_M
ClientSampleId :
CB5P0



Tgt Ion:	276	Resp:	58123
Ion Ratio	Lower	Upper	
276	100		
138	17.3	15.5	23.3
277	24.6	21.4	32.2

Manual Integrations
APPROVED

mohammad
8/15/2019 5:10:02 PM

