

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022101.D
 Acq On : 14 Aug 2019 10:52
 Operator : HP/JU
 Sample : K4304-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N4

Manual Integrations
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Quant Time: Aug 14 14:36:33 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	846	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.37	136	3494	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	1854	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	4045m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	3883m	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	3898m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	2089	0.36	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	5081m	0.37	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.42	128	20665	2.094	ng/ul#	92
5) 2-Methylnaphthalene	12.06	142	8055	1.225	ng/ul	97
7) Acenaphthylene	13.98	152	10052	1.163	ng/ul#	82
8) Acenaphthene	14.31	153	12297	1.738	ng/ul	96
9) Fluorene	15.31	166	15308	1.948	ng/ul	97
12) Phenanthrene	17.05	178	289124m	24.565	ng/ul	
13) Anthracene	17.15	178	71635m	7.135	ng/ul	
15) Fluoranthene	19.08	202	561635m	35.623	ng/ul	
17) Pyrene	19.45	202	446769	27.999	ng/ul	96
18) Benzo(a)anthracene	21.20	228	263635m	18.981	ng/ul	
19) Chrysene	21.25	228	241374	13.513	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	320534m	24.385	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	104994m	7.058	ng/ul	
23) Benzo(a)pyrene	23.33	252	202846m	15.174	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.63	276	127770	8.005	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.63	278	38090m	2.952	ng/ul	
26) Benzo(g,h,i)perylene	26.31	276	108439	7.546	ng/ul	95

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

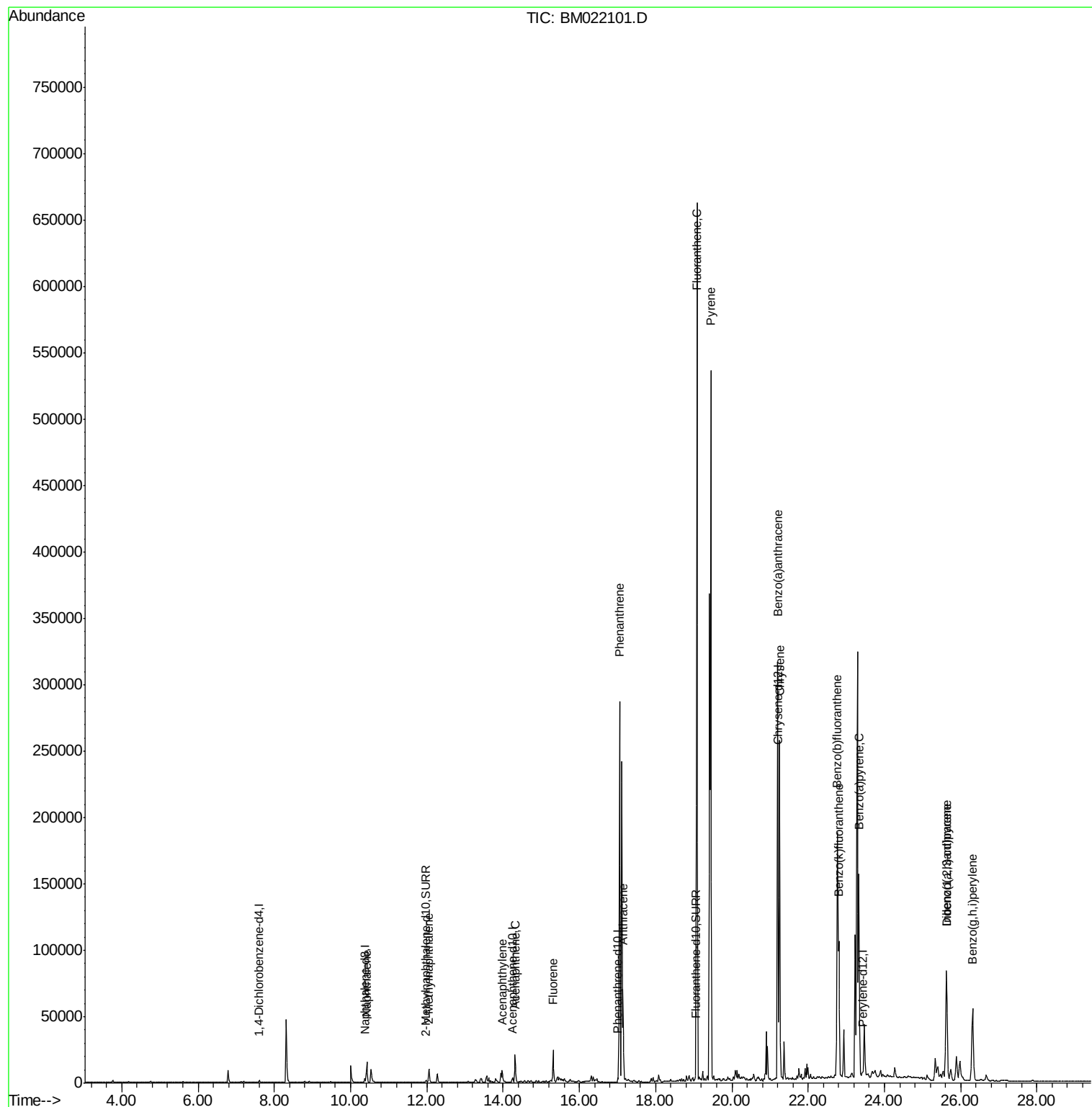
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022101.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

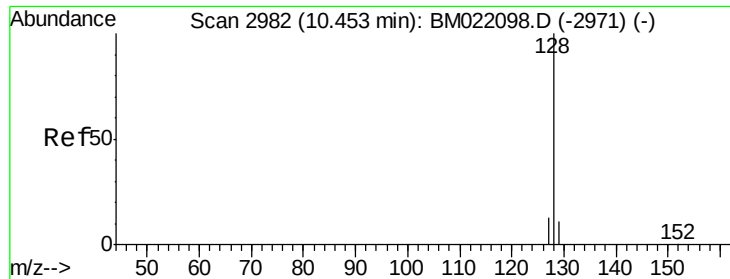
Instrument :
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CB5N4

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Wed Aug 14 13:53:23 2019
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#3

Naphthalene

Concen: 2.094 ng/ul

RT: 10.42 min Scan# 2976

Delta R.T. -0.03 min

Lab File: BM022101.D

Acq: 14 Aug 2019 10:52

Instrument :

BNA_M

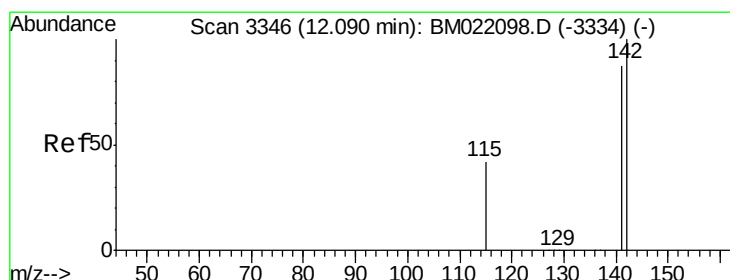
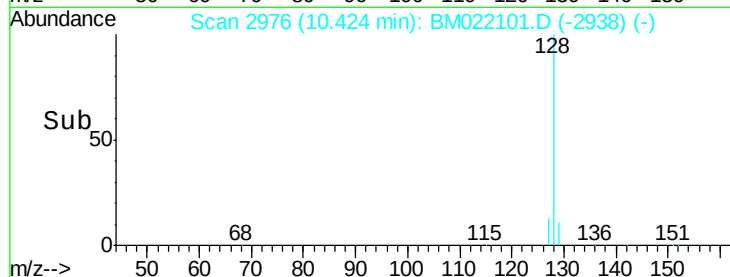
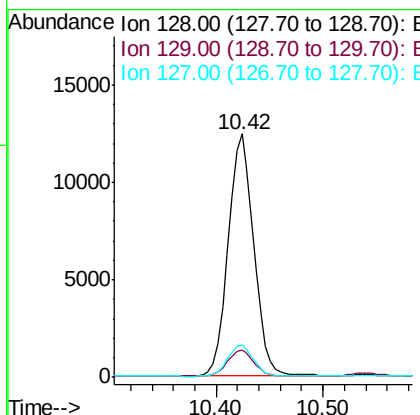
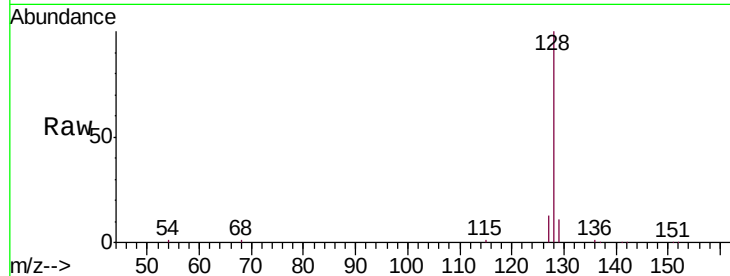
ClientSampleId :

CB5N4

Tgt Ion:	128	Resp:	20665
Ion Ratio	Lower	Upper	
128	100		
129	11.2	12.3	18.5#
127	13.5	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 1.225 ng/ul

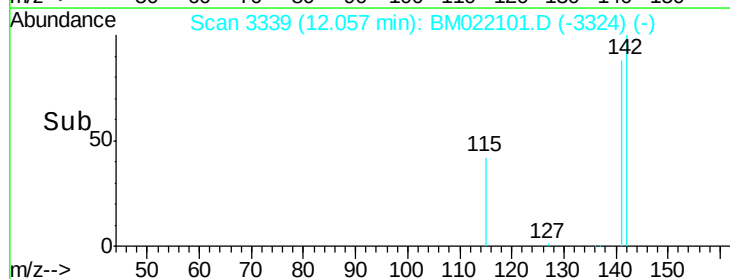
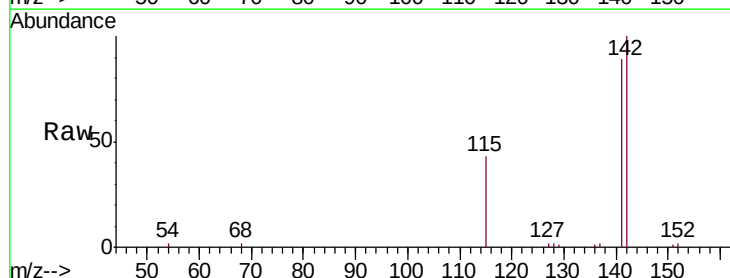
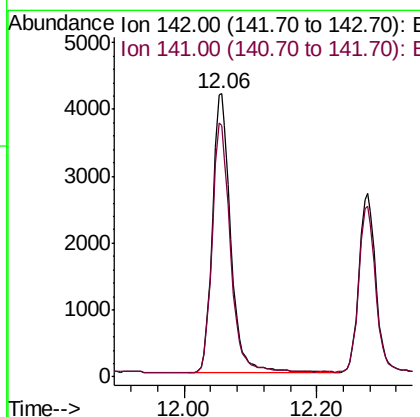
RT: 12.06 min Scan# 3339

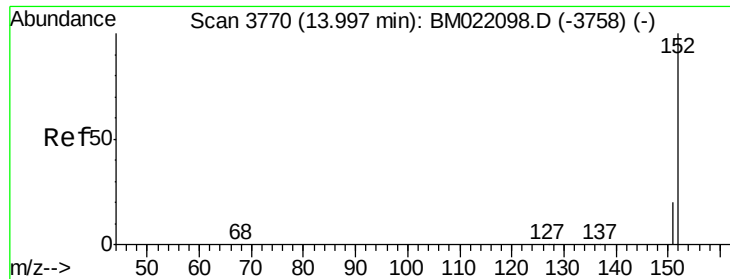
Delta R.T. -0.03 min

Lab File: BM022101.D

Acq: 14 Aug 2019 10:52

Tgt Ion:	142	Resp:	8055
Ion Ratio	Lower	Upper	
142	100		
141	90.0	74.3	111.5





#7

Acenaphthylene

Concen: 1.163 ng/ul

RT: 13.98 min Scan# 3766

Delta R.T. -0.02 min

Lab File: BM022101.D

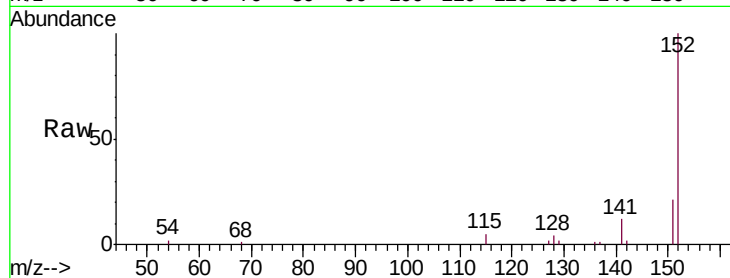
Acq: 14 Aug 2019 10:52

Instrument :

BNA_M

ClientSampleId :

CB5N4



Tgt Ion:152 Resp: 10052

Ion Ratio Lower Upper

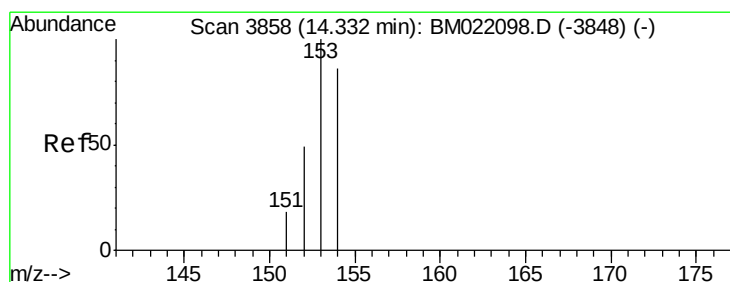
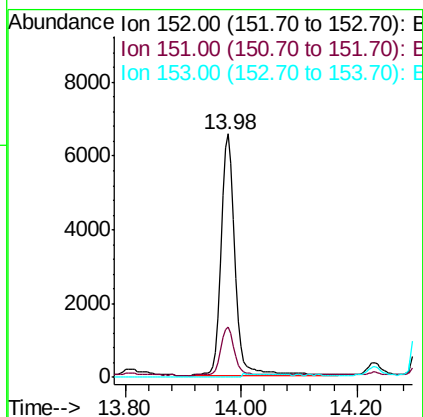
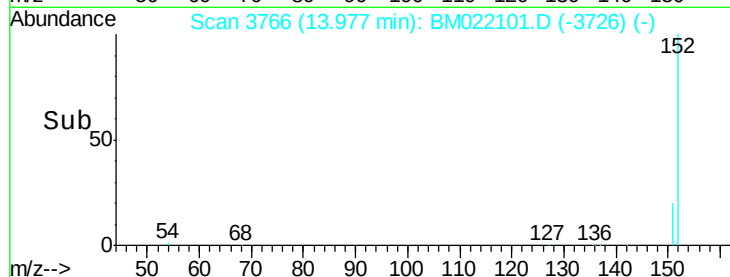
152 100

151 20.6 18.3 27.5

153 0.0 12.8 19.2#

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#8

Acenaphthene

Concen: 1.738 ng/ul

RT: 14.31 min Scan# 3854

Delta R.T. -0.02 min

Lab File: BM022101.D

Acq: 14 Aug 2019 10:52

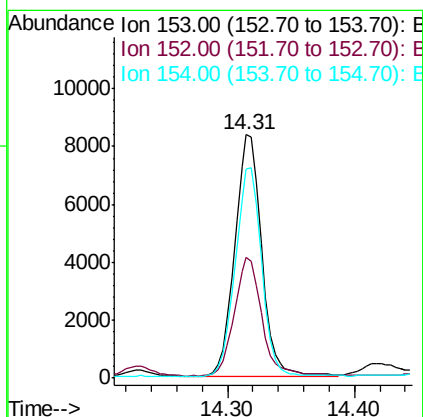
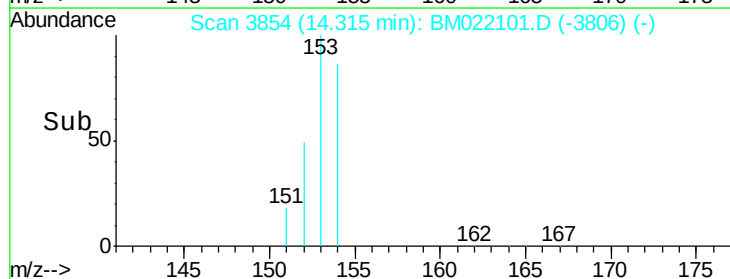
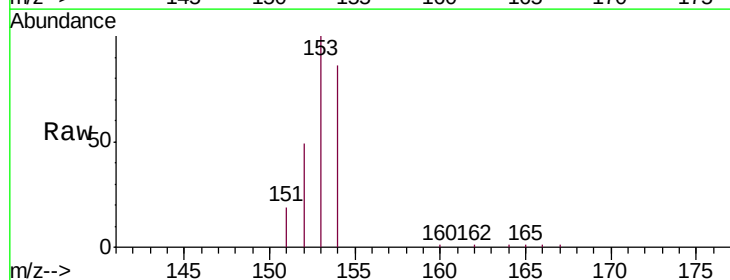
Tgt Ion:153 Resp: 12297

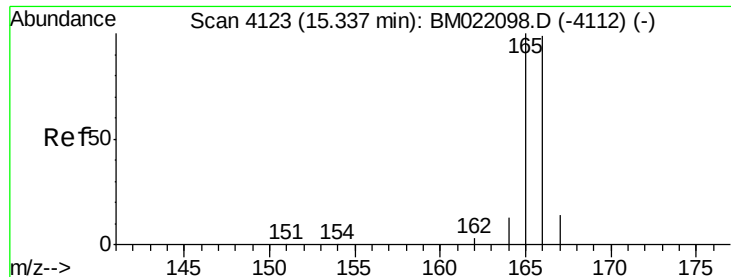
Ion Ratio Lower Upper

153 100

152 49.4 41.3 61.9

154 86.1 72.3 108.5





#9

Fluorene

Concen: 1.948 ng/ul

RT: 15.31 min Scan# 4117

Delta R.T. -0.02 min

Lab File: BM022101.D

Acq: 14 Aug 2019 10:52

Instrument :

BNA_M

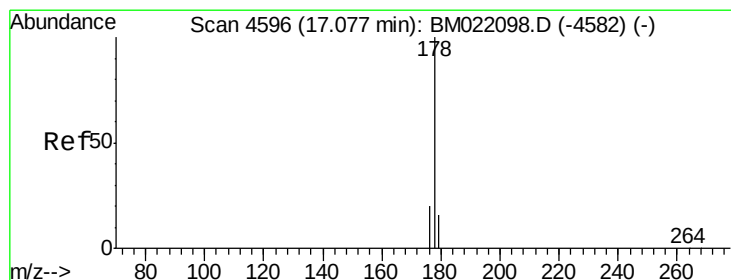
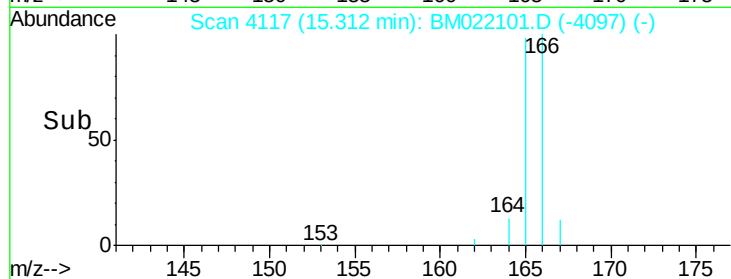
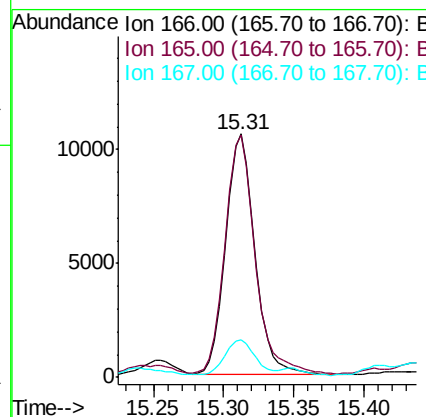
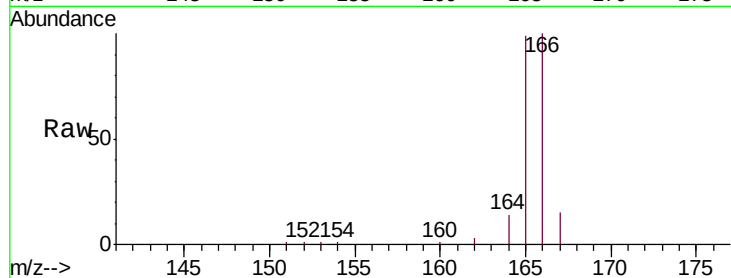
ClientSampleId :

CB5N4

Tgt Ion:	166	Resp:	15308
Ion Ratio	Lower	Upper	
166	100		
165	99.3	81.4	122.0
167	15.5	13.7	20.5

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#12

Phenanthrene

Concen: 24.565 ng/ul m

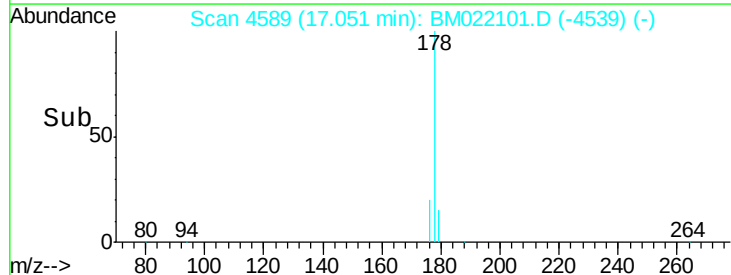
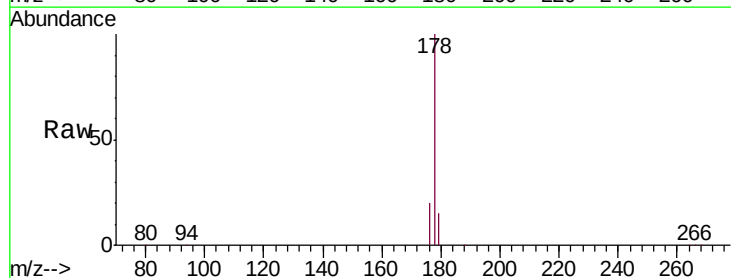
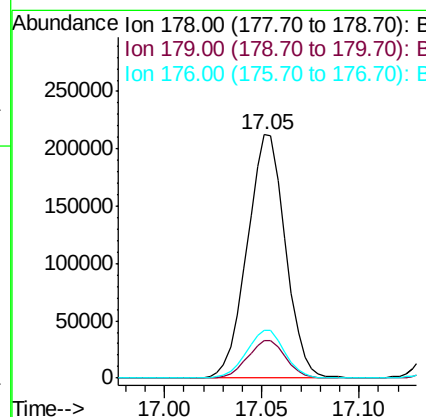
RT: 17.05 min Scan# 4589

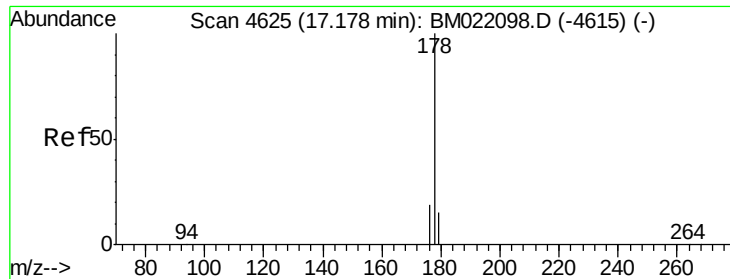
Delta R.T. -0.03 min

Lab File: BM022101.D

Acq: 14 Aug 2019 10:52

Tgt Ion:	178	Resp:	289124
Ion Ratio	Lower	Upper	
178	100		
179	15.3	14.2	21.2
176	19.8	16.8	25.2





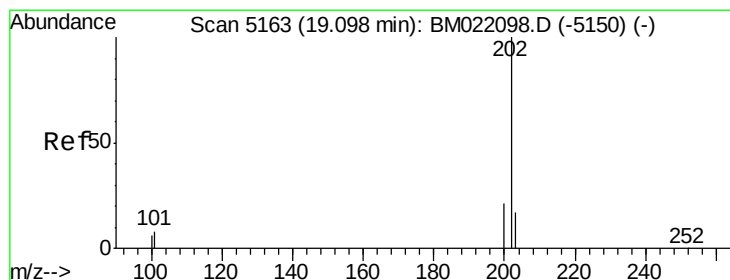
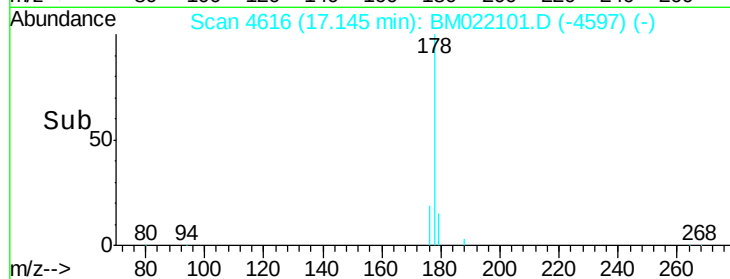
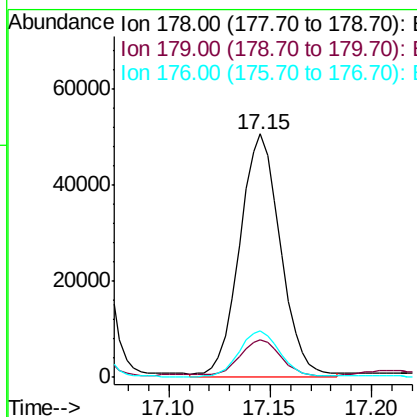
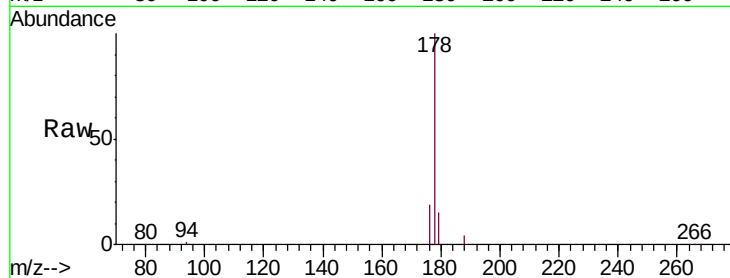
#13
 Anthracene
 Concen: 7.135 ng/ul m
 RT: 17.15 min Scan# 4616
 Delta R.T. -0.03 min
 Lab File: BM022101.D
 Acq: 14 Aug 2019 10:52

Instrument :
 BNA_M
 ClientSampleId :
 CB5N4

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	15.5	23.3#
176	19.1	16.6	25.0

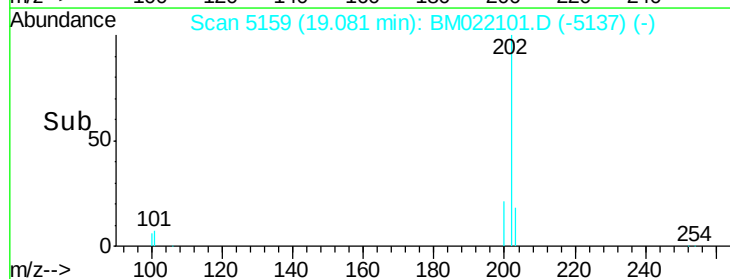
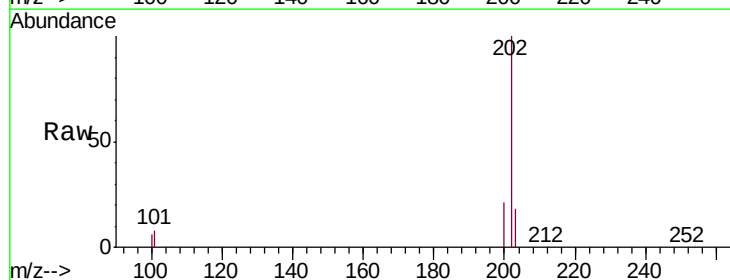
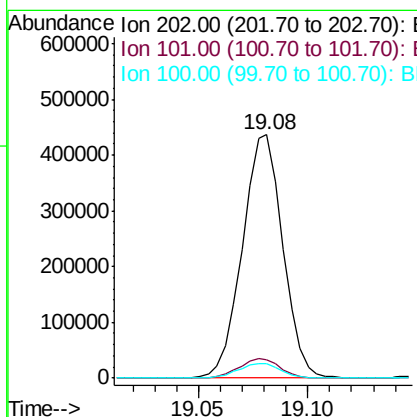
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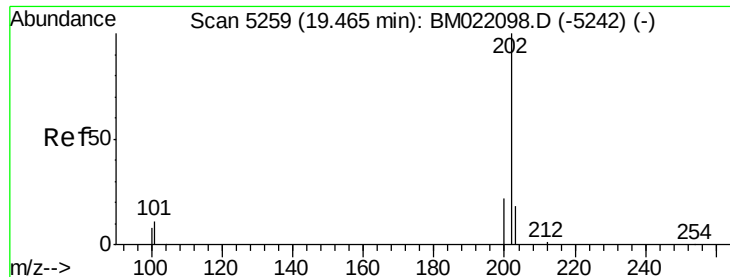
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#15
 Fluoranthene
 Concen: 35.623 ng/ul m
 RT: 19.08 min Scan# 5159
 Delta R.T. -0.02 min
 Lab File: BM022101.D
 Acq: 14 Aug 2019 10:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	30.2
100	5.8	0.0	28.1





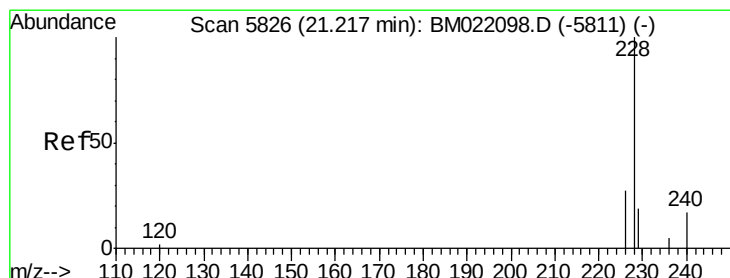
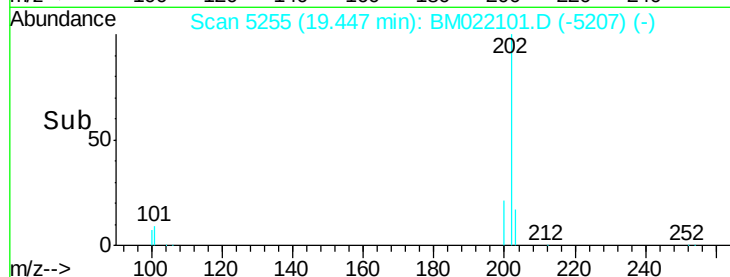
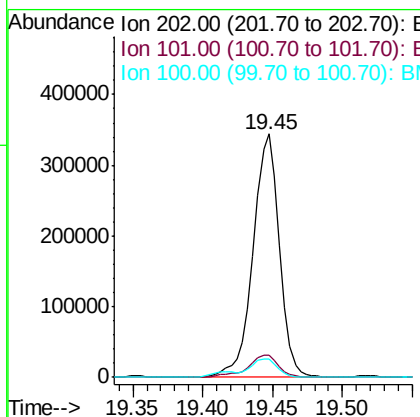
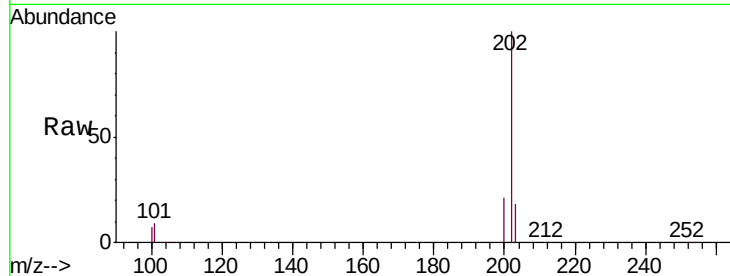
#17
 Pyrene
 Concen: 27.999 ng/ul
 RT: 19.45 min Scan# 5255
 Delta R.T. -0.02 min
 Lab File: BM022101.D
 Acq: 14 Aug 2019 10:52

Instrument :
 BNA_M
 ClientSampleId :
 CB5N4

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.0	8.3	12.5
100	7.4	7.2	10.8

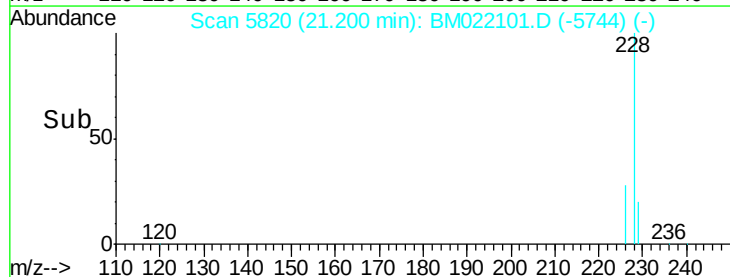
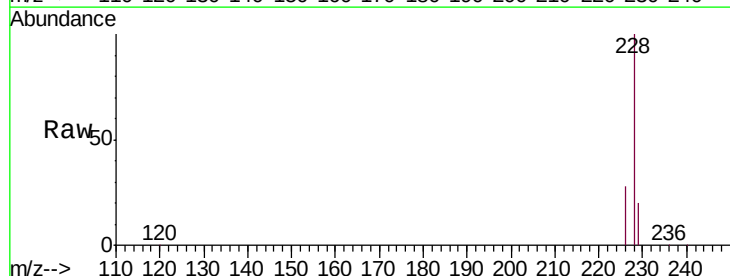
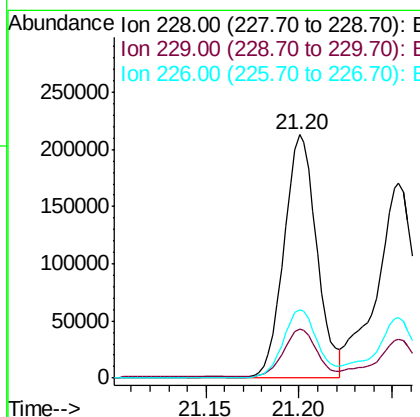
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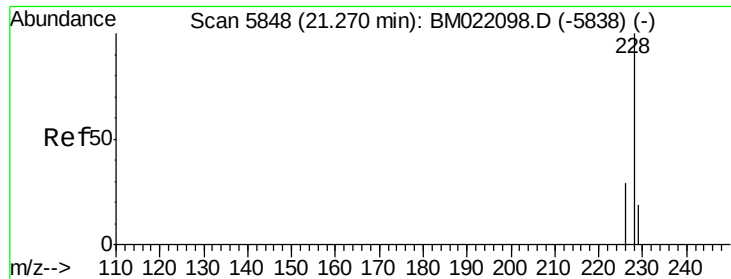
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#18
 Benzo(a)anthracene
 Concen: 18.981 ng/ul m
 RT: 21.20 min Scan# 5820
 Delta R.T. -0.02 min
 Lab File: BM022101.D
 Acq: 14 Aug 2019 10:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.4	17.2	25.8
226	28.1	22.6	34.0





#19

Chrysene

Concen: 13.513 ng/ul

RT: 21.25 min Scan# 5842

Delta R.T. -0.02 min

Lab File: BM022101.D

Acq: 14 Aug 2019 10:52

Instrument :

BNA_M

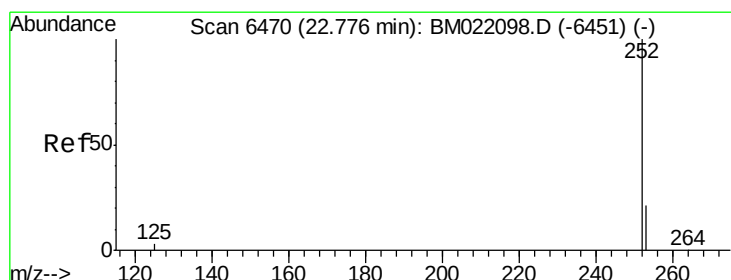
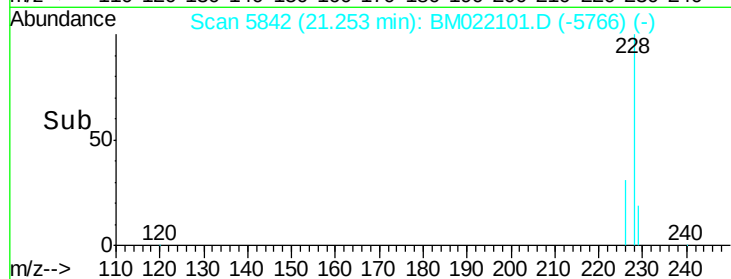
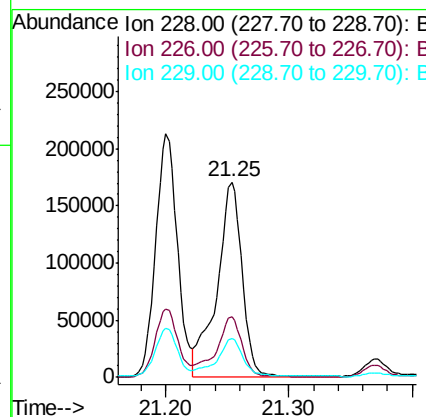
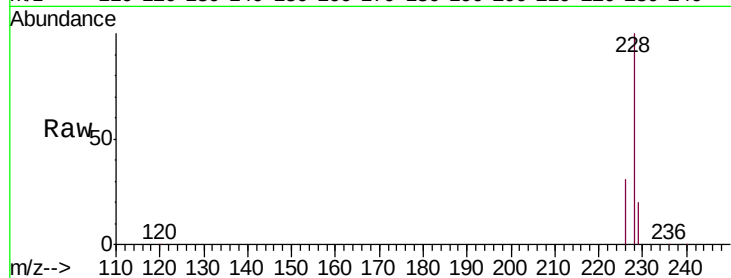
ClientSampleId :

CB5N4

Tgt Ion:	228	Resp:	241374
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.9	37.3
229	19.7	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 24.385 ng/ul m

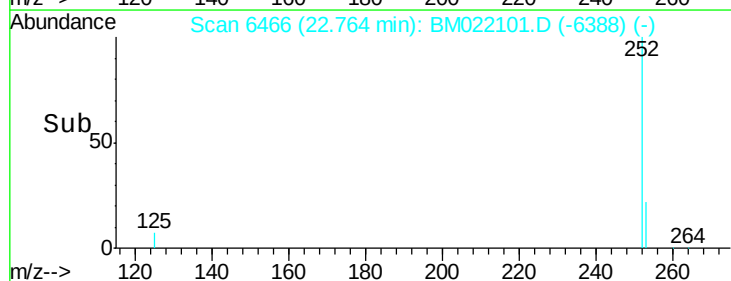
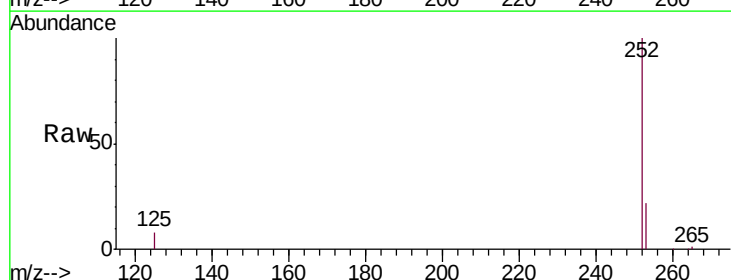
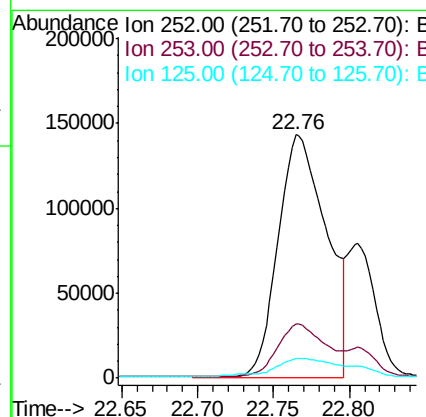
RT: 22.76 min Scan# 6466

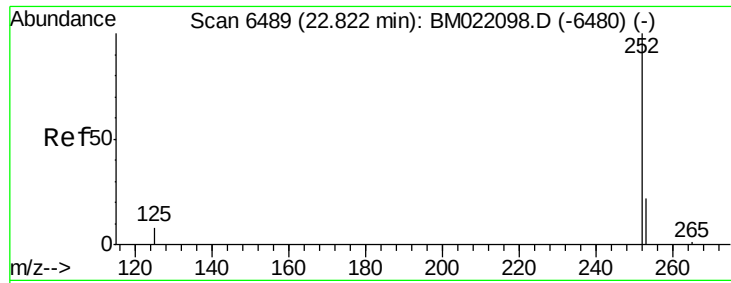
Delta R.T. -0.01 min

Lab File: BM022101.D

Acq: 14 Aug 2019 10:52

Tgt Ion:	252	Resp:	320534
Ion Ratio	Lower	Upper	
252	100		
253	22.1	0.0	67.4
125	8.0	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 7.058 ng/ul m

RT: 22.81 min Scan# 6483

Delta R.T. -0.02 min

Lab File: BM022101.D

Acq: 14 Aug 2019 10:52

Instrument :

BNA_M

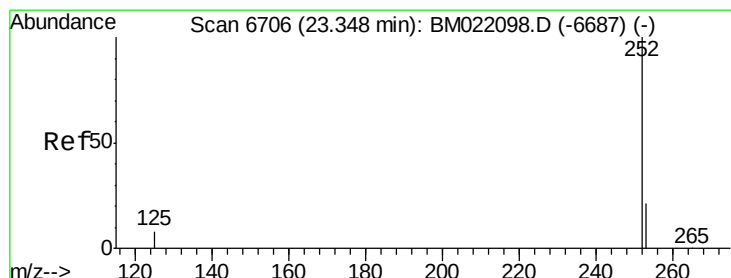
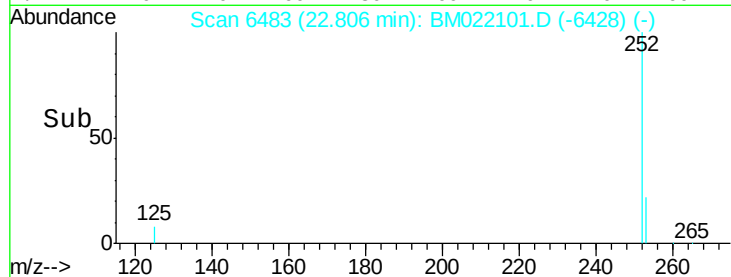
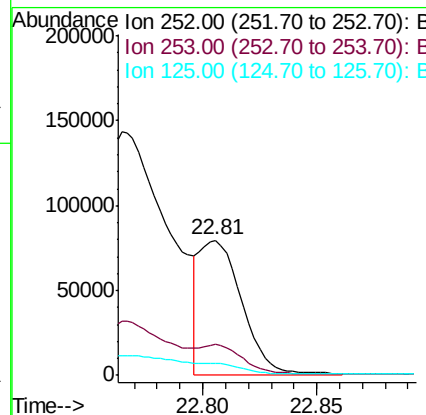
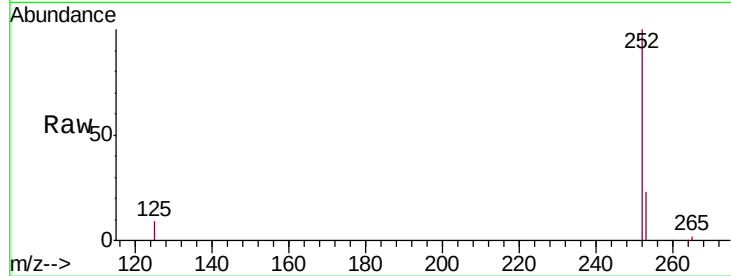
ClientSampleId :

CB5N4

Tgt Ion:	252	Resp:	104994
Ion Ratio	Lower	Upper	
252	100		
253	22.7	27.0	40.4#
125	9.1	12.2	18.2#

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#23

Benzo(a)pyrene

Concen: 15.174 ng/ul m

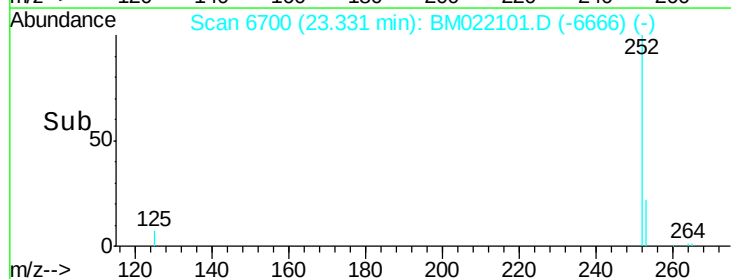
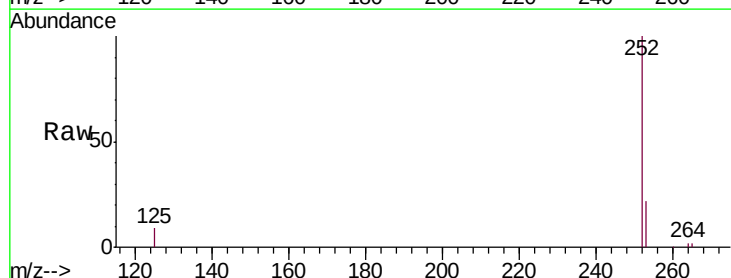
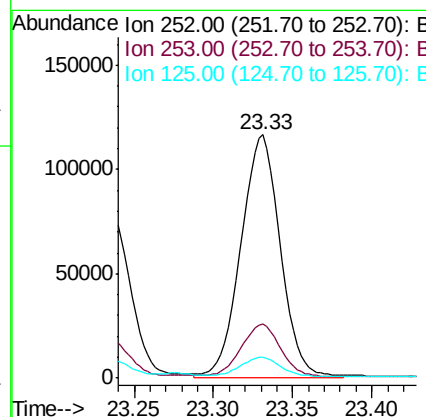
RT: 23.33 min Scan# 6700

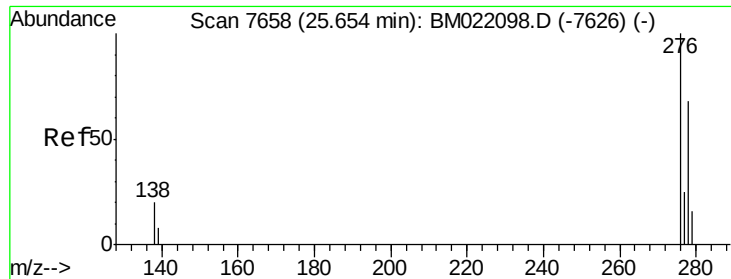
Delta R.T. -0.02 min

Lab File: BM022101.D

Acq: 14 Aug 2019 10:52

Tgt Ion:	252	Resp:	202846
Ion Ratio	Lower	Upper	
252	100		
253	22.2	31.7	47.5#
125	8.5	14.6	21.8#





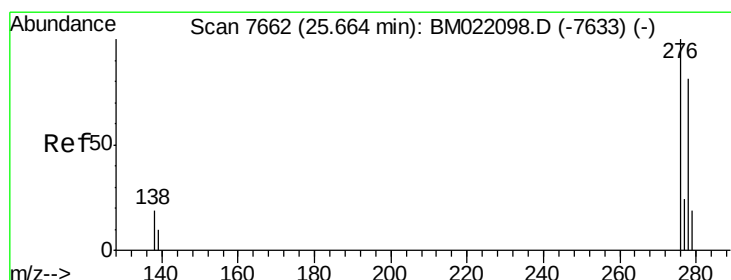
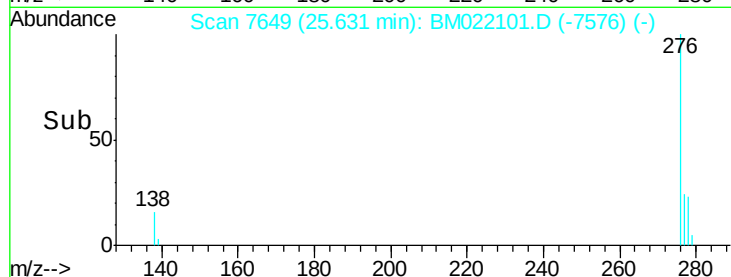
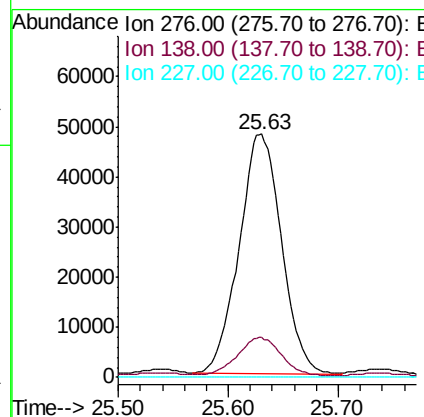
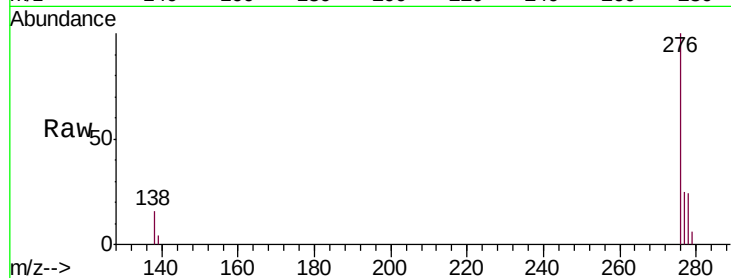
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 8.005 ng/ul
 RT: 25.63 min Scan# 7649
 Delta R.T. -0.02 min
 Lab File: BM022101.D
 Acq: 14 Aug 2019 10:52

Instrument :
 BNA_M
 ClientSampleId :
 CB5N4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	15.1	22.7
227	0.0	0.0	0.0

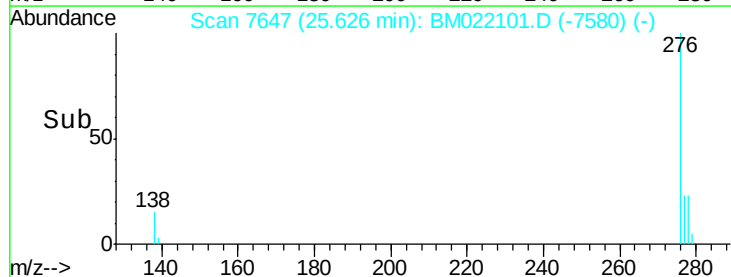
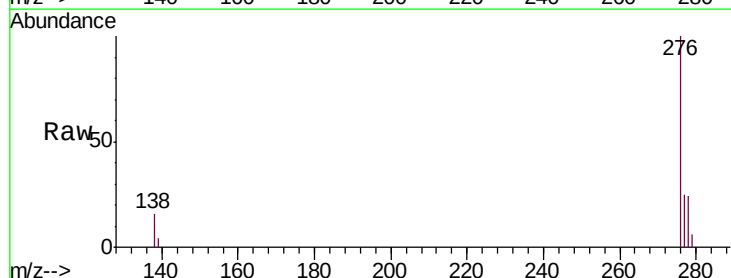
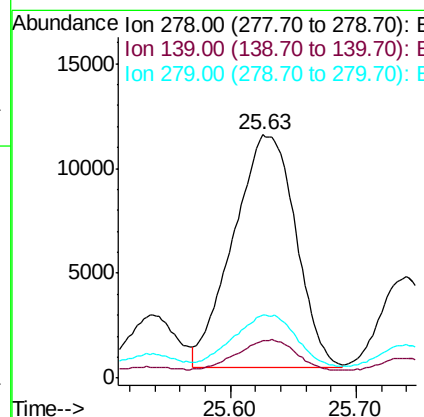
Manual Integrations
 APPROVED

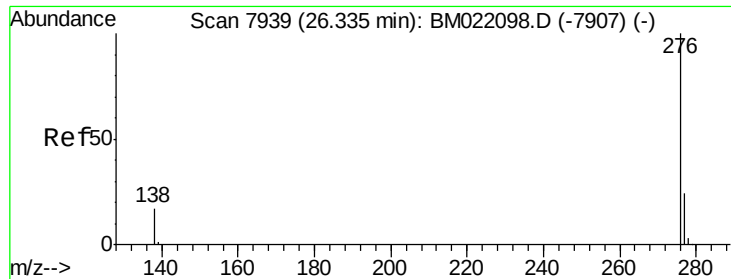
mohammad
 8/15/2019 5:08:44 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.952 ng/ul m
 RT: 25.63 min Scan# 7647
 Delta R.T. -0.04 min
 Lab File: BM022101.D
 Acq: 14 Aug 2019 10:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	14.2	21.2
279	25.8	28.3	42.5#





#26

Benzo(g,h,i)perylene

Concen: 7.546 ng/ul

RT: 26.31 min Scan# 7930

Delta R.T. -0.02 min

Lab File: BM022101.D

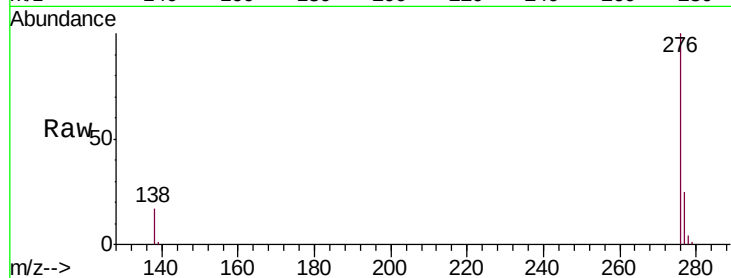
Acq: 14 Aug 2019 10:52

Instrument :

BNA_M

ClientSampleId :

CB5N4



Tgt Ion:	276	Resp:	108439
Ion Ratio	Lower	Upper	
276	100		
138	16.9	15.5	23.3
277	24.6	21.4	32.2

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:44 PM

