

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022099.D
 Acq On : 14 Aug 2019 09:39
 Operator : HP/JU
 Sample : K4304-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N2

Manual Integrations
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Quant Time: Aug 14 14:02:23 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 08:16:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	582	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	2340	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.25	164	1291	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	2984m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	3087m	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	3078m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	1750	0.45	ng/ul	-0.05
14) Fluoranthene-d10	19.05	212	4633m	0.46	ng/ul	-0.03
Target Compounds				Qvalue		
3) Naphthalene	10.43	128	13339	2.018	ng/ul#	93
5) 2-Methylnaphthalene	12.06	142	5215	1.184	ng/ul	97
7) Acenaphthylene	13.98	152	7750	1.287	ng/ul#	82
8) Acenaphthene	14.32	153	13502	2.741	ng/ul	96
9) Fluorene	15.31	166	13944	2.548	ng/ul	99
12) Phenanthrene	17.05	178	236190m	27.203	ng/ul	
13) Anthracene	17.14	178	50374m	6.801	ng/ul	
15) Fluoranthene	19.08	202	399503m	34.349	ng/ul	
17) Pyrene	19.45	202	332333	26.198	ng/ul	97
18) Benzo(a)anthracene	21.20	228	202305m	18.321	ng/ul	
19) Chrysene	21.26	228	186886	13.160	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	253506m	24.424	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	99217m	8.447	ng/ul	
23) Benzo(a)pyrene	23.33	252	174489	16.531	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.63	276	118486	9.401	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	33112m	3.250	ng/ul	
26) Benzo(g,h,i)perylene	26.31	276	97047	8.553	ng/ul	95

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

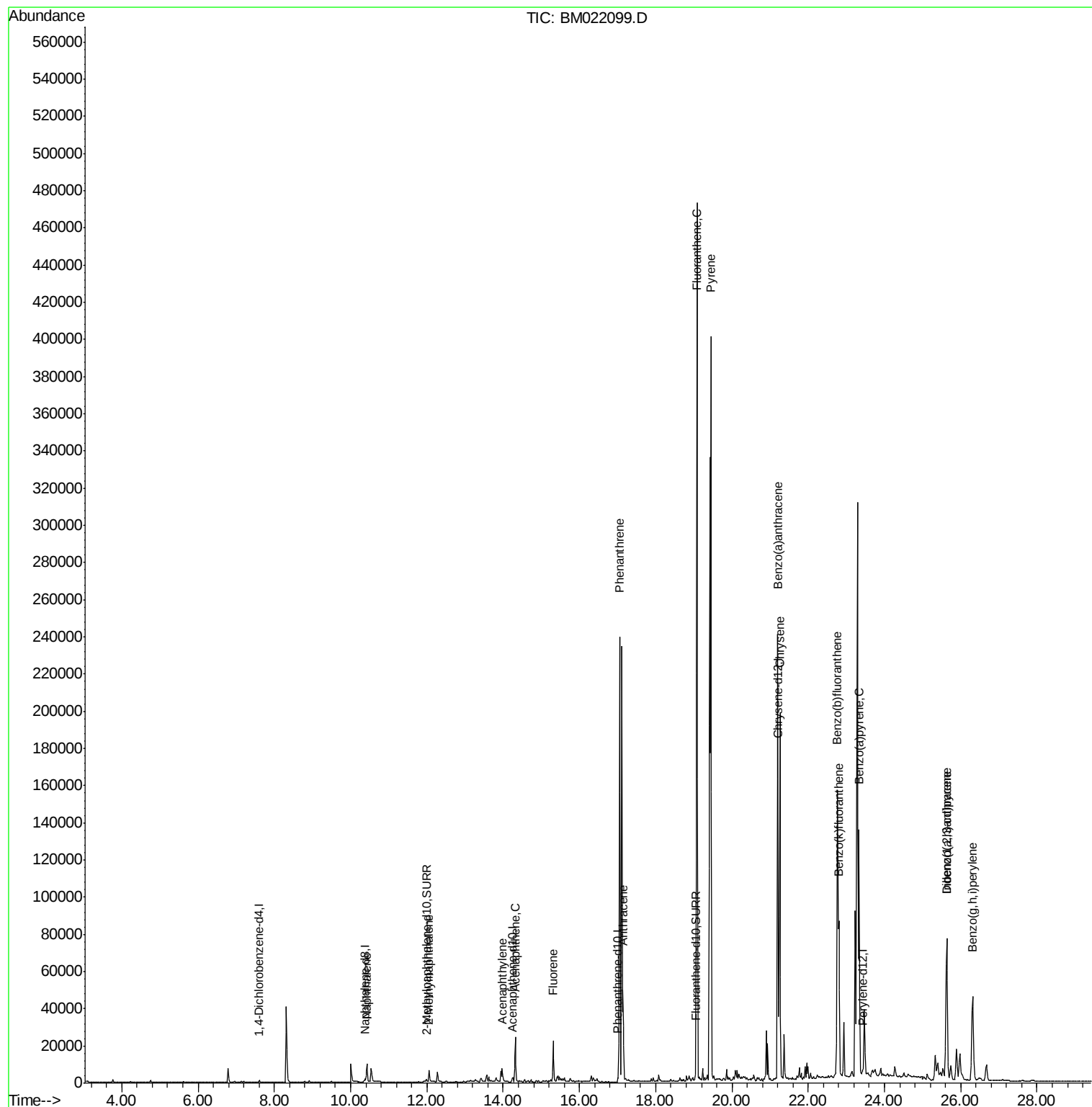
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022099.D
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Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

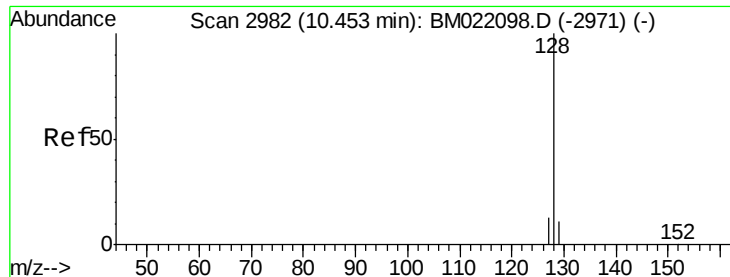
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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#3

Naphthalene

Concen: 2.018 ng/ul

RT: 10.43 min Scan# 2977

Delta R.T. -0.04 min

Lab File: BM022099.D

Acq: 14 Aug 2019 09:39

Instrument :

BNA_M

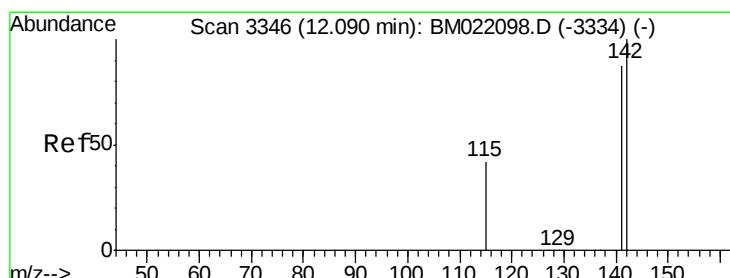
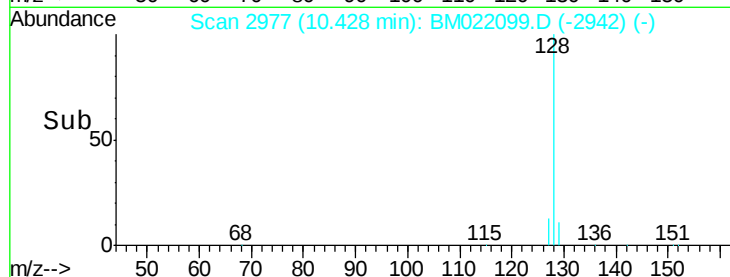
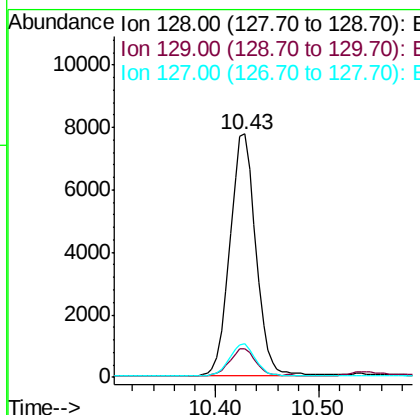
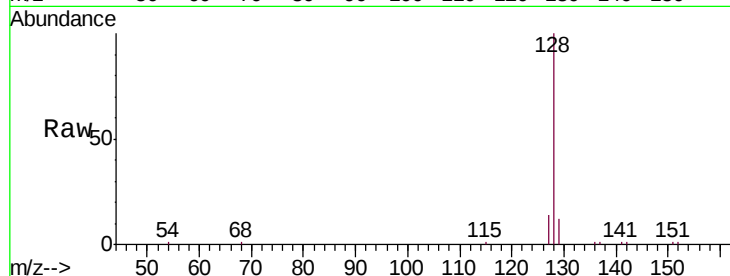
ClientSampleId :

CB5N2

Tgt Ion:	128	Resp:	13339
Ion Ratio	Lower	Upper	
128	100		
129	11.9	12.3	18.5#
127	13.6	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 1.184 ng/ul

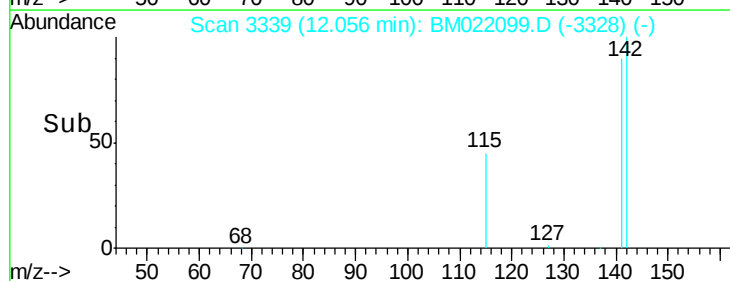
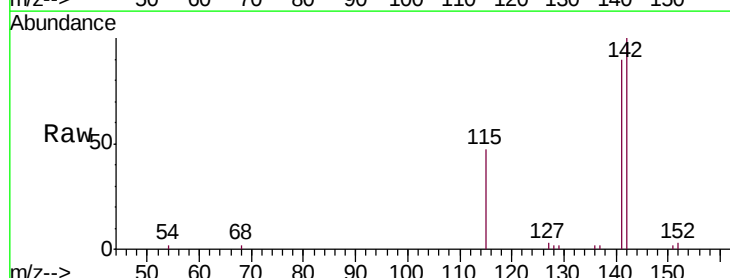
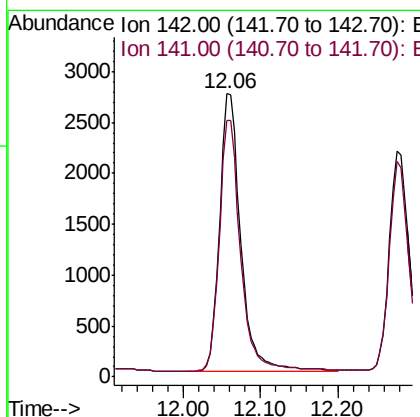
RT: 12.06 min Scan# 3339

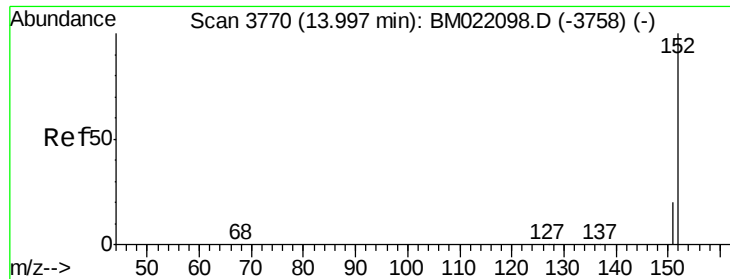
Delta R.T. -0.05 min

Lab File: BM022099.D

Acq: 14 Aug 2019 09:39

Tgt Ion:	142	Resp:	5215
Ion Ratio	Lower	Upper	
142	100		
141	90.2	74.3	111.5





#7

Acenaphthylene

Concen: 1.287 ng/ul

RT: 13.98 min Scan# 3766

Delta R.T. -0.02 min

Lab File: BM022099.D

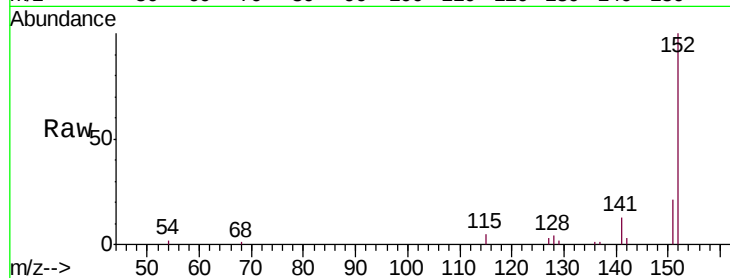
Acq: 14 Aug 2019 09:39

Instrument :

BNA_M

ClientSampleId :

CB5N2



Tgt Ion:152 Resp: 7750

Ion Ratio Lower Upper

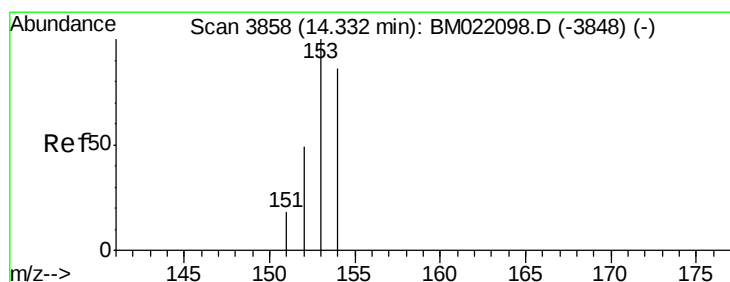
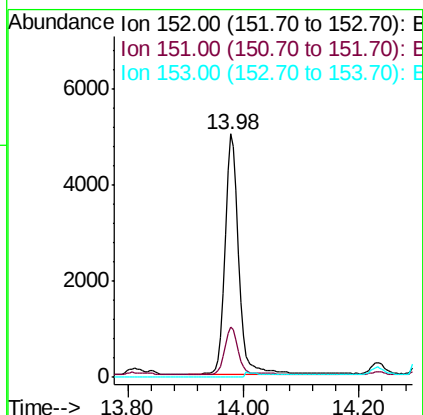
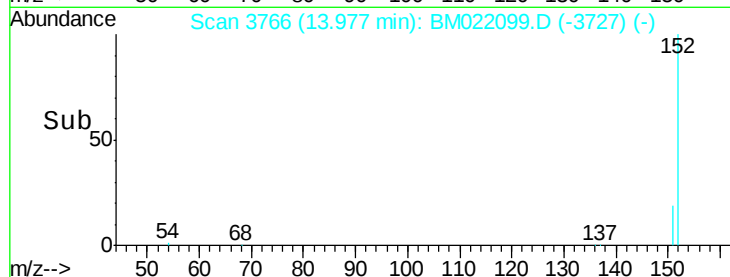
152 100

151 20.7 18.3 27.5

153 0.0 12.8 19.2#

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#8

Acenaphthene

Concen: 2.741 ng/ul

RT: 14.32 min Scan# 3855

Delta R.T. -0.02 min

Lab File: BM022099.D

Acq: 14 Aug 2019 09:39

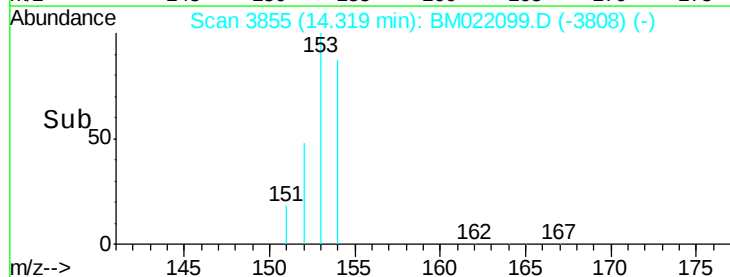
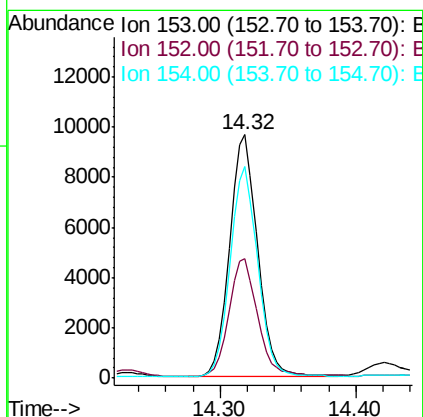
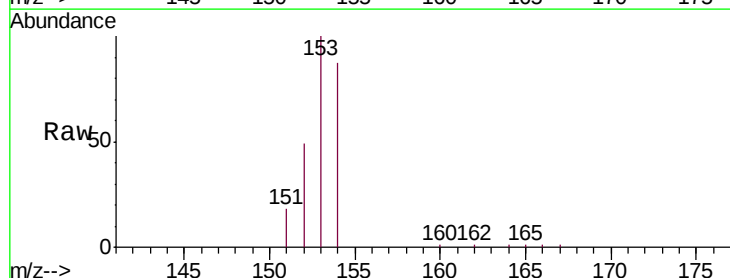
Tgt Ion:153 Resp: 13502

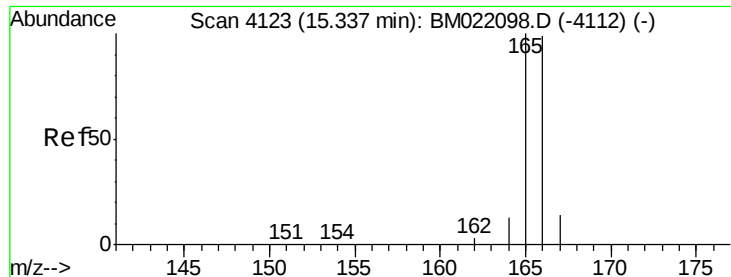
Ion Ratio Lower Upper

153 100

152 48.9 41.3 61.9

154 86.8 72.3 108.5





#9

Fluorene

Concen: 2.548 ng/ul

RT: 15.31 min Scan# 4117

Delta R.T. -0.04 min

Lab File: BM022099.D

Acq: 14 Aug 2019 09:39

Instrument :

BNA_M

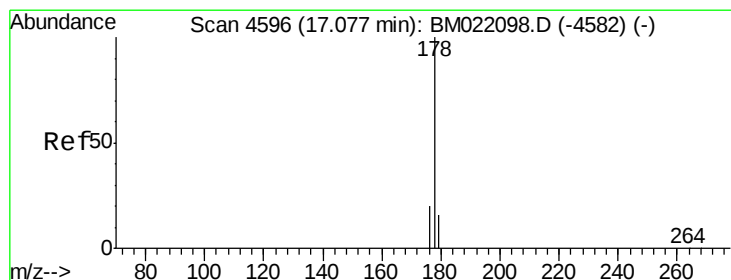
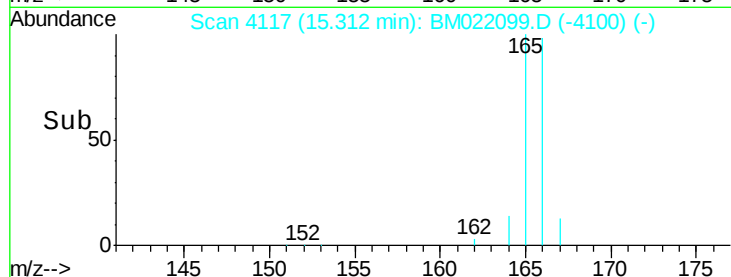
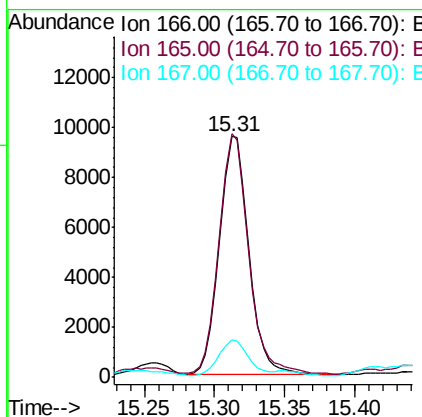
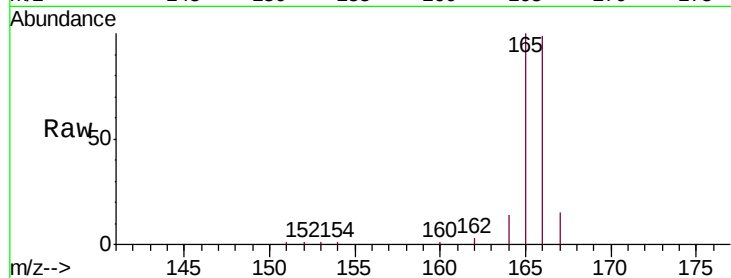
ClientSampleId :

CB5N2

Tgt Ion:	166	Resp:	13944
Ion Ratio	Lower	Upper	
166	100		
165	101.2	81.4	122.0
167	15.4	13.7	20.5

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#12

Phenanthrene

Concen: 27.203 ng/ul m

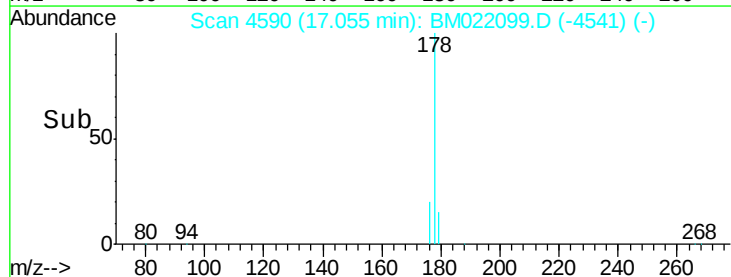
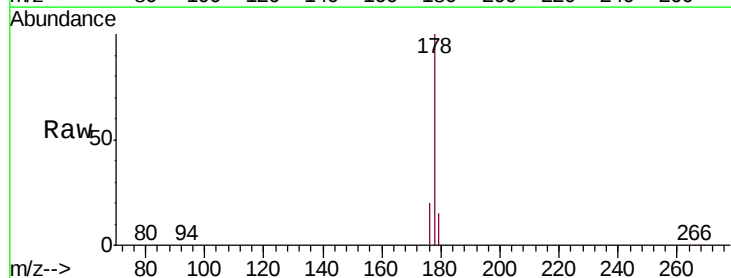
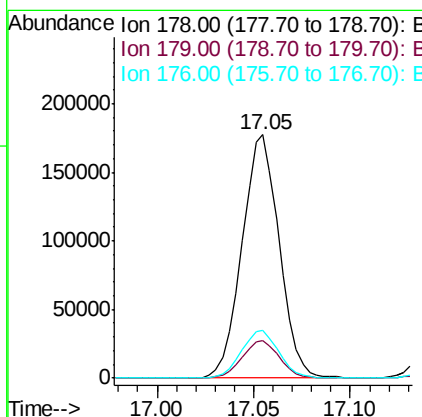
RT: 17.05 min Scan# 4590

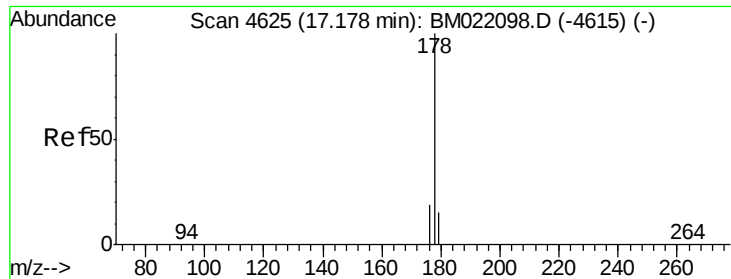
Delta R.T. -0.03 min

Lab File: BM022099.D

Acq: 14 Aug 2019 09:39

Tgt Ion:	178	Resp:	236190
Ion Ratio	Lower	Upper	
178	100		
179	15.3	14.2	21.2
176	19.6	16.8	25.2





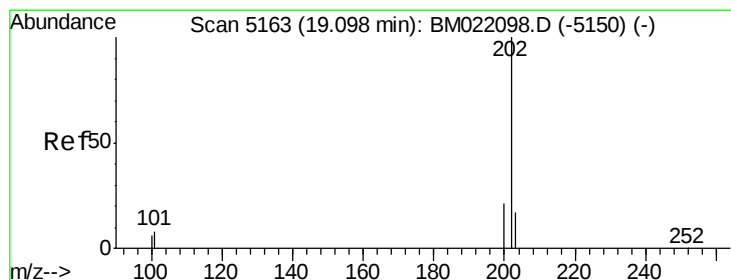
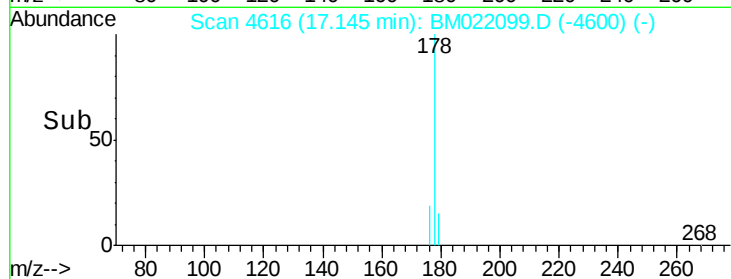
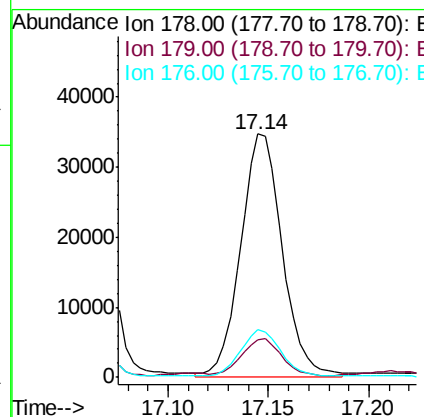
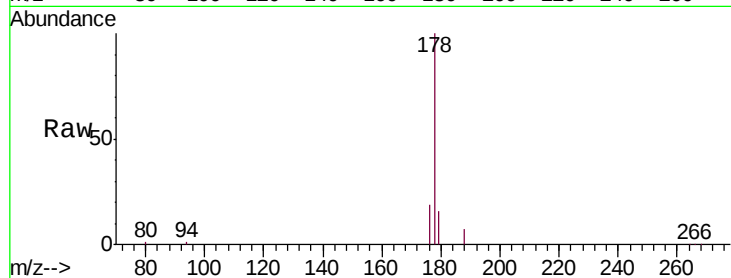
#13
 Anthracene
 Concen: 6.801 ng/ul m
 RT: 17.14 min Scan# 4616
 Delta R.T. -0.04 min
 Lab File: BM022099.D
 Acq: 14 Aug 2019 09:39

Instrument :
 BNA_M
 ClientSampleId :
 CB5N2

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	15.5	23.3
176	19.5	16.6	25.0

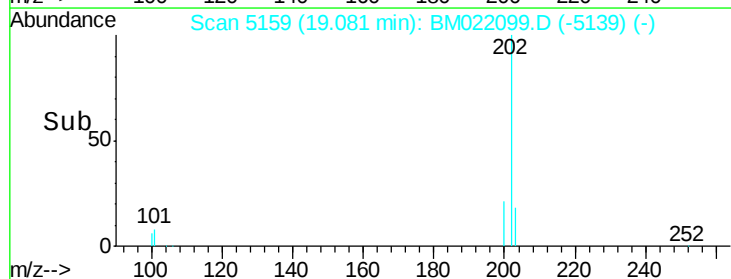
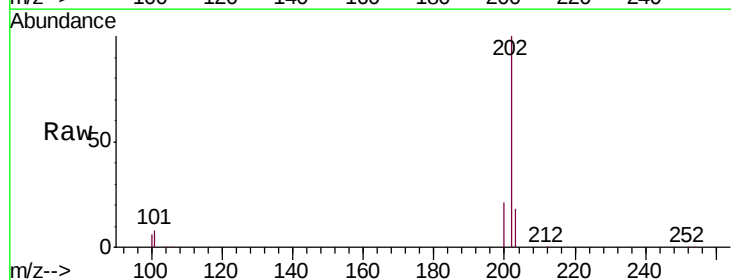
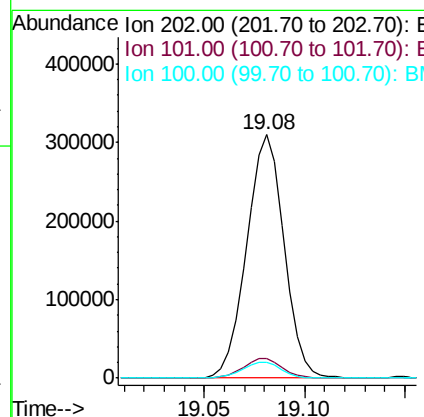
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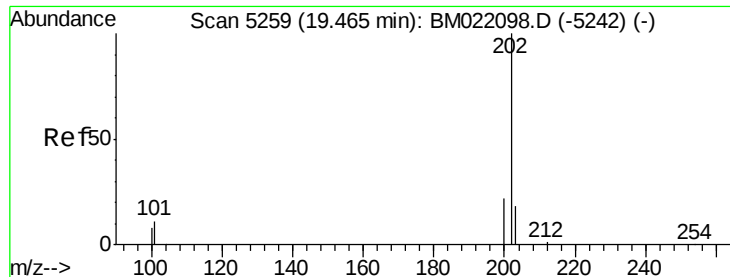
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#15
 Fluoranthene
 Concen: 34.349 ng/ul m
 RT: 19.08 min Scan# 5159
 Delta R.T. -0.03 min
 Lab File: BM022099.D
 Acq: 14 Aug 2019 09:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	30.2
100	6.2	0.0	28.1





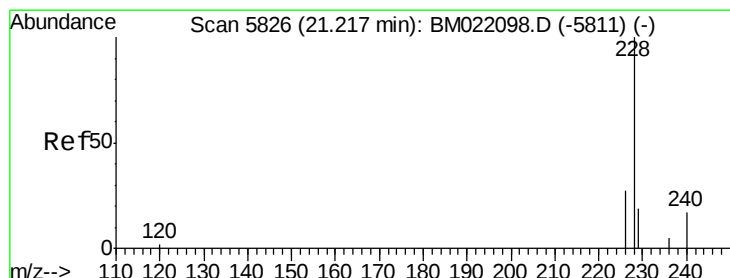
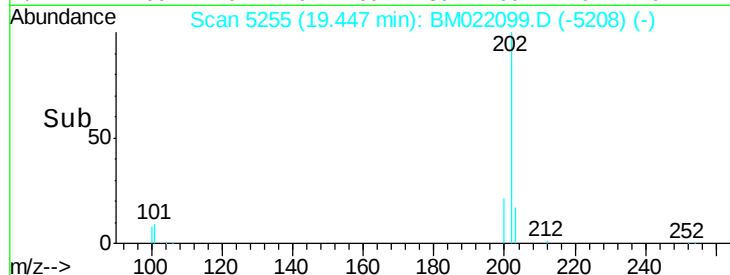
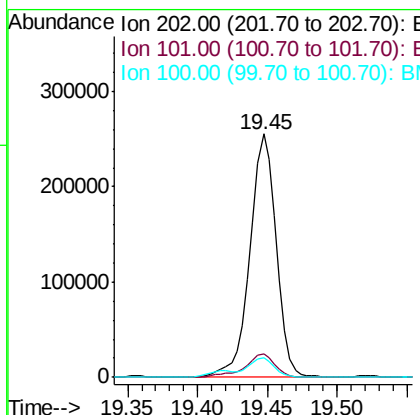
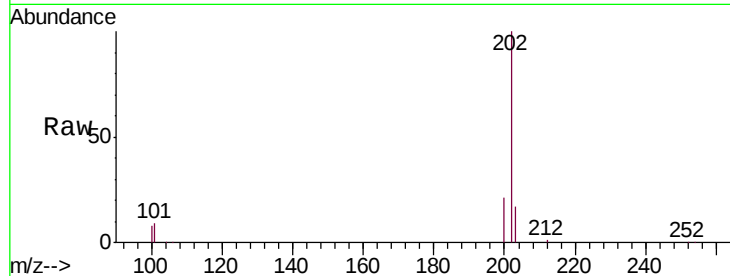
#17
 Pyrene
 Concen: 26.198 ng/ul
 RT: 19.45 min Scan# 5255
 Delta R.T. -0.02 min
 Lab File: BM022099.D
 Acq: 14 Aug 2019 09:39

Instrument :
 BNA_M
 ClientSampleId :
 CB5N2

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	332333		
101	9.5	8.3	12.5	
100	7.9	7.2	10.8	

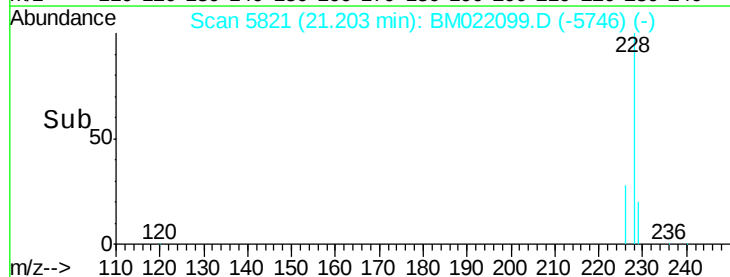
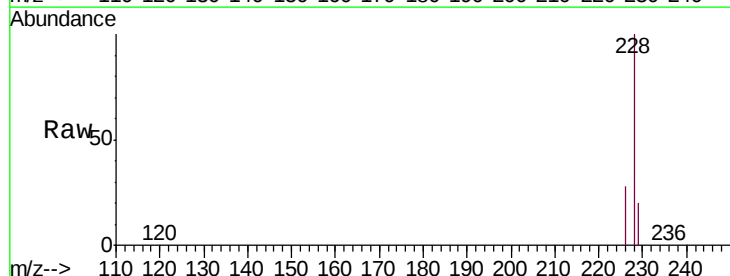
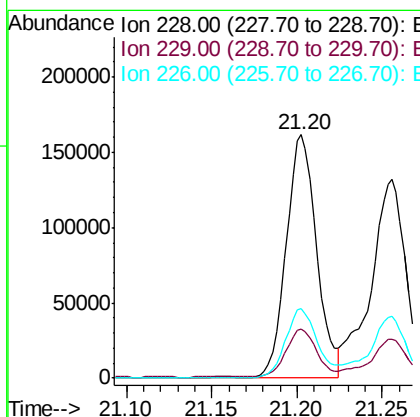
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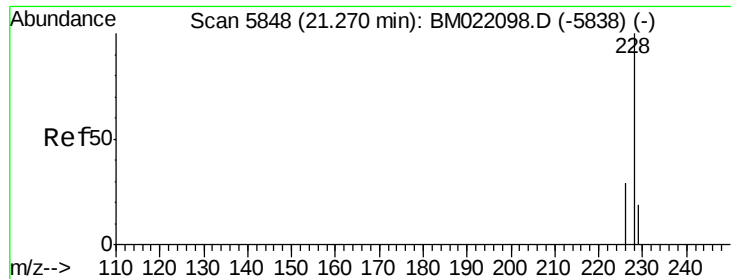
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#18
 Benzo(a)anthracene
 Concen: 18.321 ng/ul m
 RT: 21.20 min Scan# 5821
 Delta R.T. -0.02 min
 Lab File: BM022099.D
 Acq: 14 Aug 2019 09:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	202305		
229	20.3	17.2	25.8	
226	28.4	22.6	34.0	





#19

Chrysene

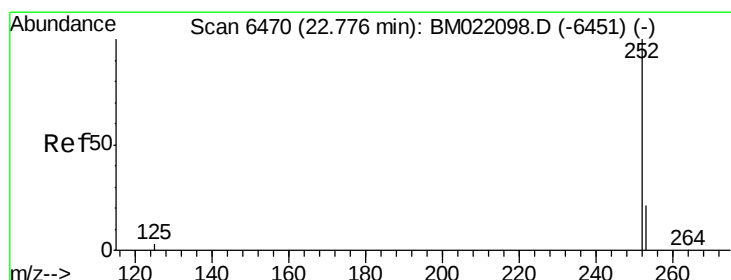
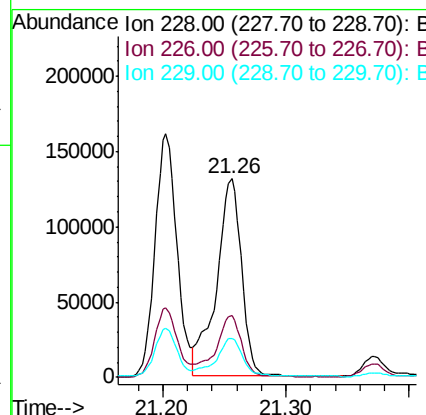
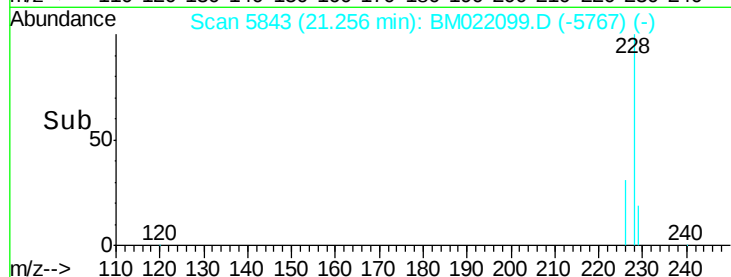
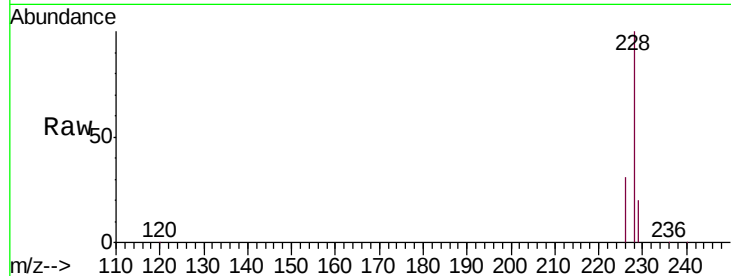
Concen: 13.160 ng/ul
 RT: 21.26 min Scan# 5843
 Delta R.T. -0.02 min
 Lab File: BM022099.D
 Acq: 14 Aug 2019 09:39

Instrument :
 BNA_M
 ClientSampleId :
 CB5N2

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.8	16.6	25.0

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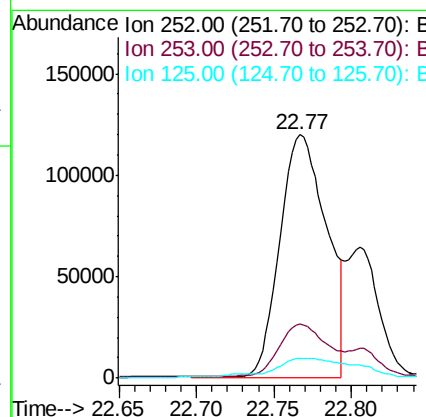
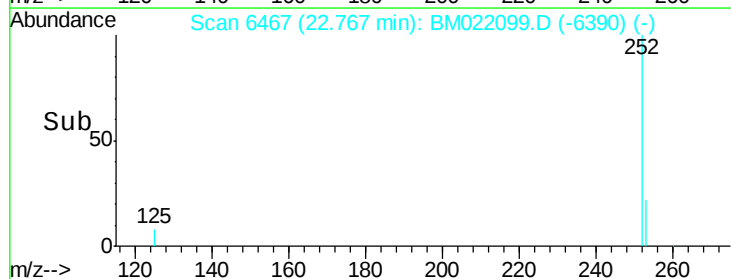
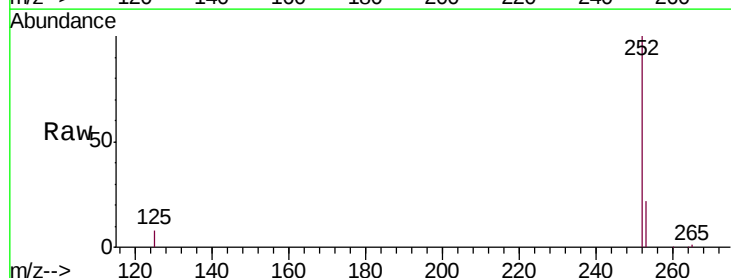


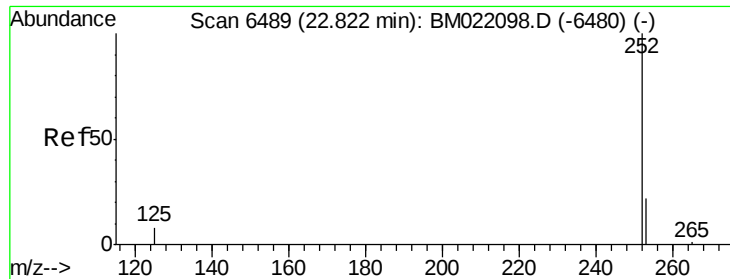
#21

Benzo(b)fluoranthene

Concen: 24.424 ng/ul m
 RT: 22.77 min Scan# 6467
 Delta R.T. -0.01 min
 Lab File: BM022099.D
 Acq: 14 Aug 2019 09:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	67.4
125	8.2	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 8.447 ng/ul m

RT: 22.81 min Scan# 6483

Delta R.T. -0.02 min

Lab File: BM022099.D

Acq: 14 Aug 2019 09:39

Instrument :

BNA_M

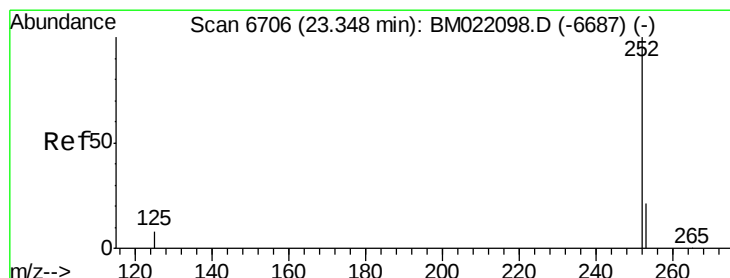
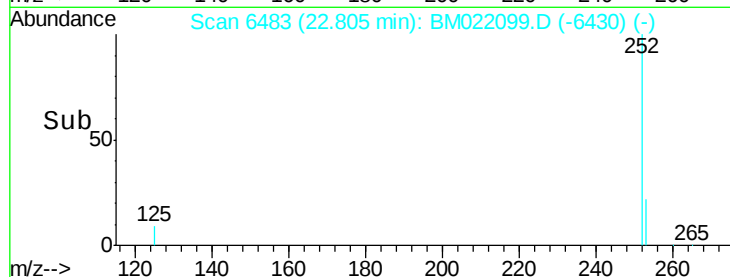
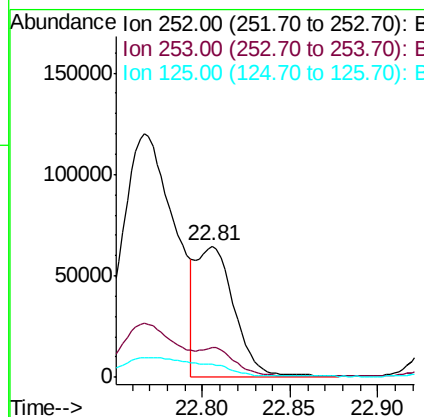
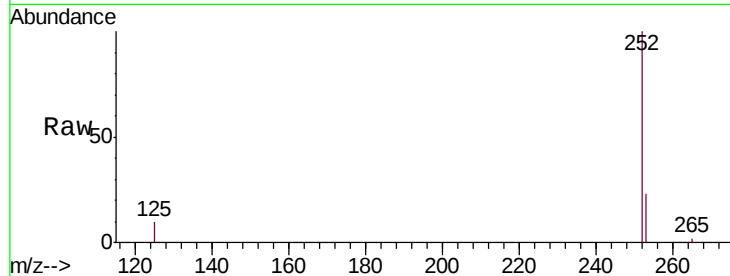
ClientSampleId :

CB5N2

Tgt Ion:	252	Resp:	99217
Ion Ratio	Lower	Upper	
252	100		
253	22.6	27.0	40.4#
125	9.9	12.2	18.2#

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#23

Benzo(a)pyrene

Concen: 16.531 ng/ul

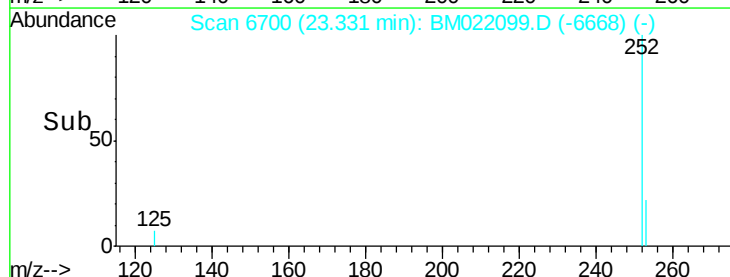
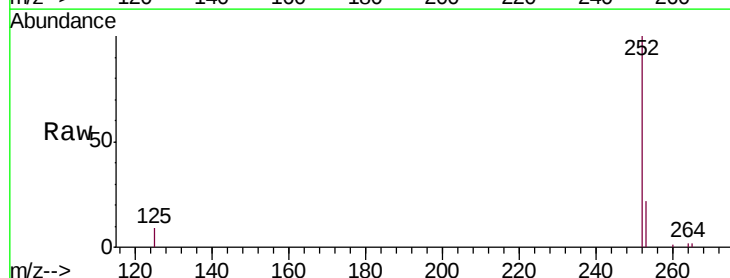
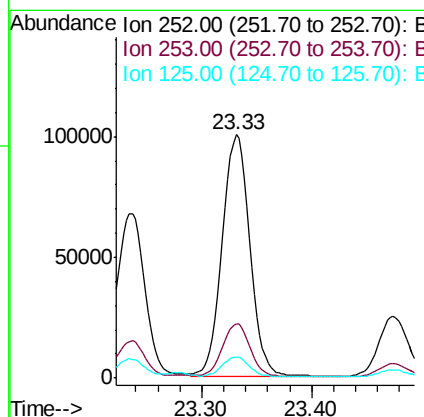
RT: 23.33 min Scan# 6700

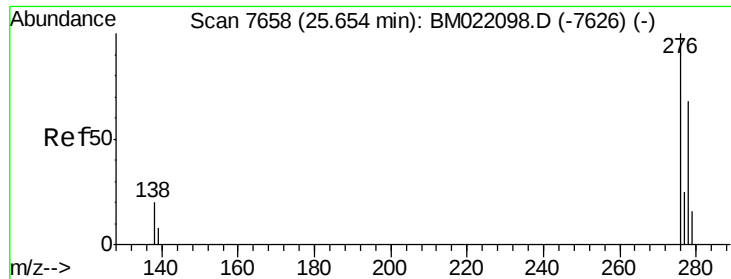
Delta R.T. -0.02 min

Lab File: BM022099.D

Acq: 14 Aug 2019 09:39

Tgt Ion:	252	Resp:	174489
Ion Ratio	Lower	Upper	
252	100		
253	22.1	31.7	47.5#
125	8.6	14.6	21.8#





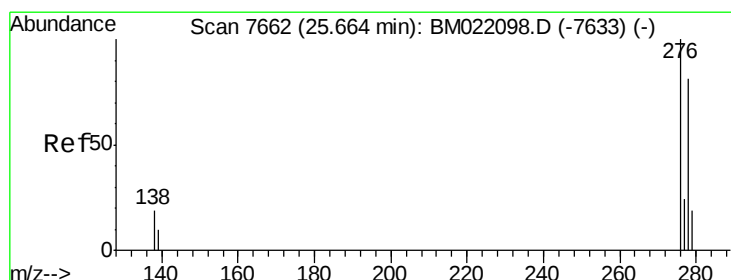
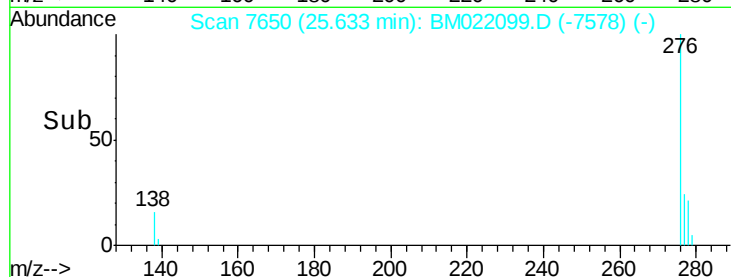
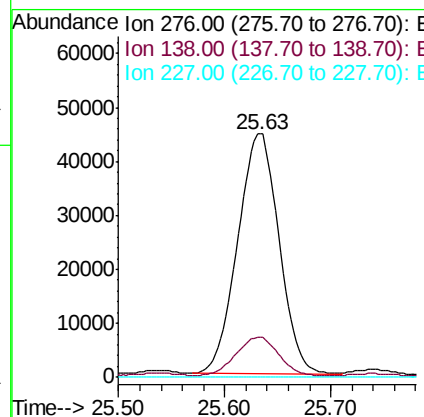
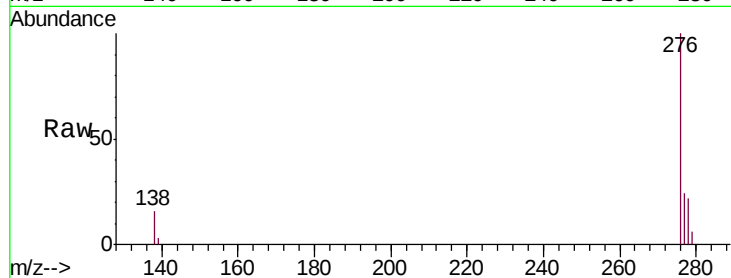
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 9.401 ng/ul
 RT: 25.63 min Scan# 7650
 Delta R.T. -0.03 min
 Lab File: BM022099.D
 Acq: 14 Aug 2019 09:39

Instrument :
 BNA_M
 ClientSampleId :
 CB5N2

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	118486		
138	16.4	15.1	22.7	
227	0.0	0.0	0.0	

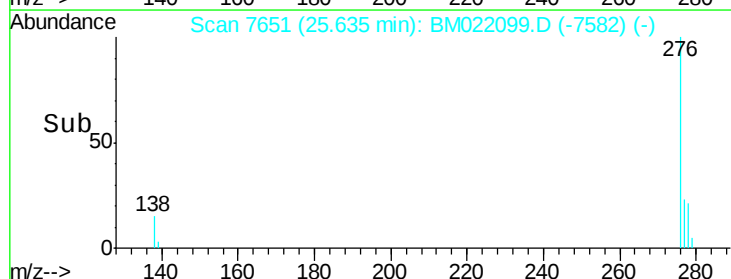
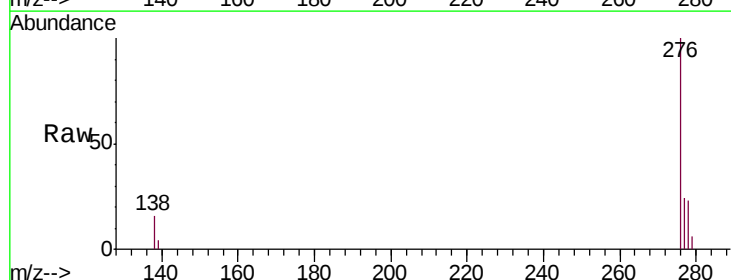
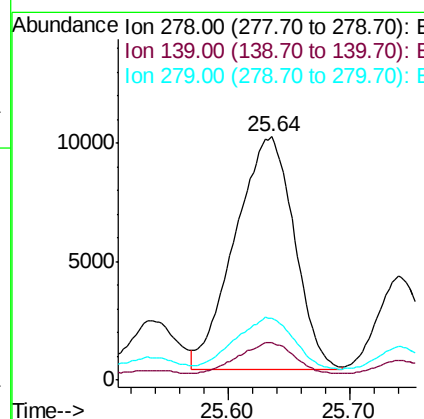
Manual Integrations
 APPROVED

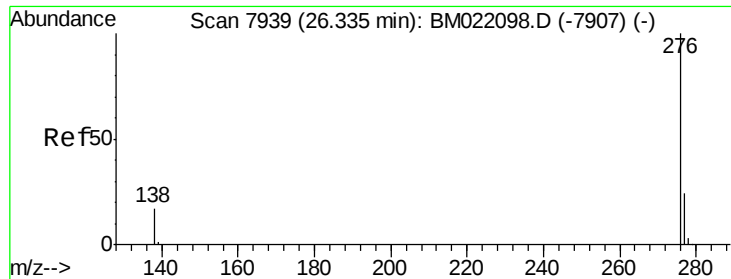
mohammad
 8/15/2019 5:08:34 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 3.250 ng/ul m
 RT: 25.64 min Scan# 7651
 Delta R.T. -0.03 min
 Lab File: BM022099.D
 Acq: 14 Aug 2019 09:39

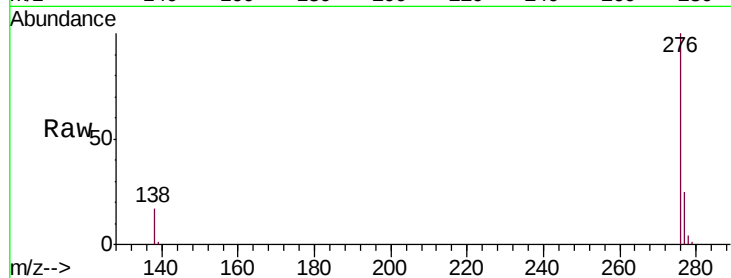
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	33112		
139	15.6	14.2	21.2	
279	25.5	28.3	42.5#	





#26
 Benzo(g,h,i)perylene
 Concen: 8.553 ng/ul
 RT: 26.31 min Scan# 7931
 Delta R.T. -0.02 min
 Lab File: BM022099.D
 Acq: 14 Aug 2019 09:39

Instrument :
 BNA_M
 ClientSampleId :
 CB5N2



Tgt Ion:	276	Resp:	97047
Ion Ratio	Lower	Upper	
276	100		
138	17.0	15.5	23.3
277	24.7	21.4	32.2

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:08:34 PM

