

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022102.D
 Acq On : 14 Aug 2019 11:29
 Operator : HP/JU
 Sample : K4304-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N5

Manual Integrations
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Quant Time: Aug 14 14:43:53 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	910	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.37	136	3924	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	2196	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4255m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3750m	0.40	ng/ul	-0.01
20) Perylene-d12	23.42	264	3933m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	2978	0.46	ng/ul	-0.04
14) Fluoranthene-d10	19.05	212	6226m	0.43	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.42	128	81687	7.370	ng/ul#	91
5) 2-Methylnaphthalene	12.05	142	21661	2.933	ng/ul	97
7) Acenaphthylene	13.97	152	15797	1.542	ng/ul#	82
8) Acenaphthene	14.31	153	48980	5.845	ng/ul	96
9) Fluorene	15.31	166	54726	5.880	ng/ul	97
12) Phenanthrene	17.05	178	646779m	52.241	ng/ul	
13) Anthracene	17.15	178	150585m	14.259	ng/ul	
15) Fluoranthene	19.08	202	910246m	54.885	ng/ul	
17) Pyrene	19.45	202	738590	47.930	ng/ul	96
18) Benzo(a)anthracene	21.20	228	429169m	31.995	ng/ul	
19) Chrysene	21.25	228	379380	21.992	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	506995m	38.227	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	207105m	13.799	ng/ul	
23) Benzo(a)pyrene	23.33	252	372625	27.627	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.63	276	246541	15.309	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.63	278	67807m	5.209	ng/ul	
26) Benzo(g,h,i)perylene	26.31	276	200270	13.813	ng/ul	95

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

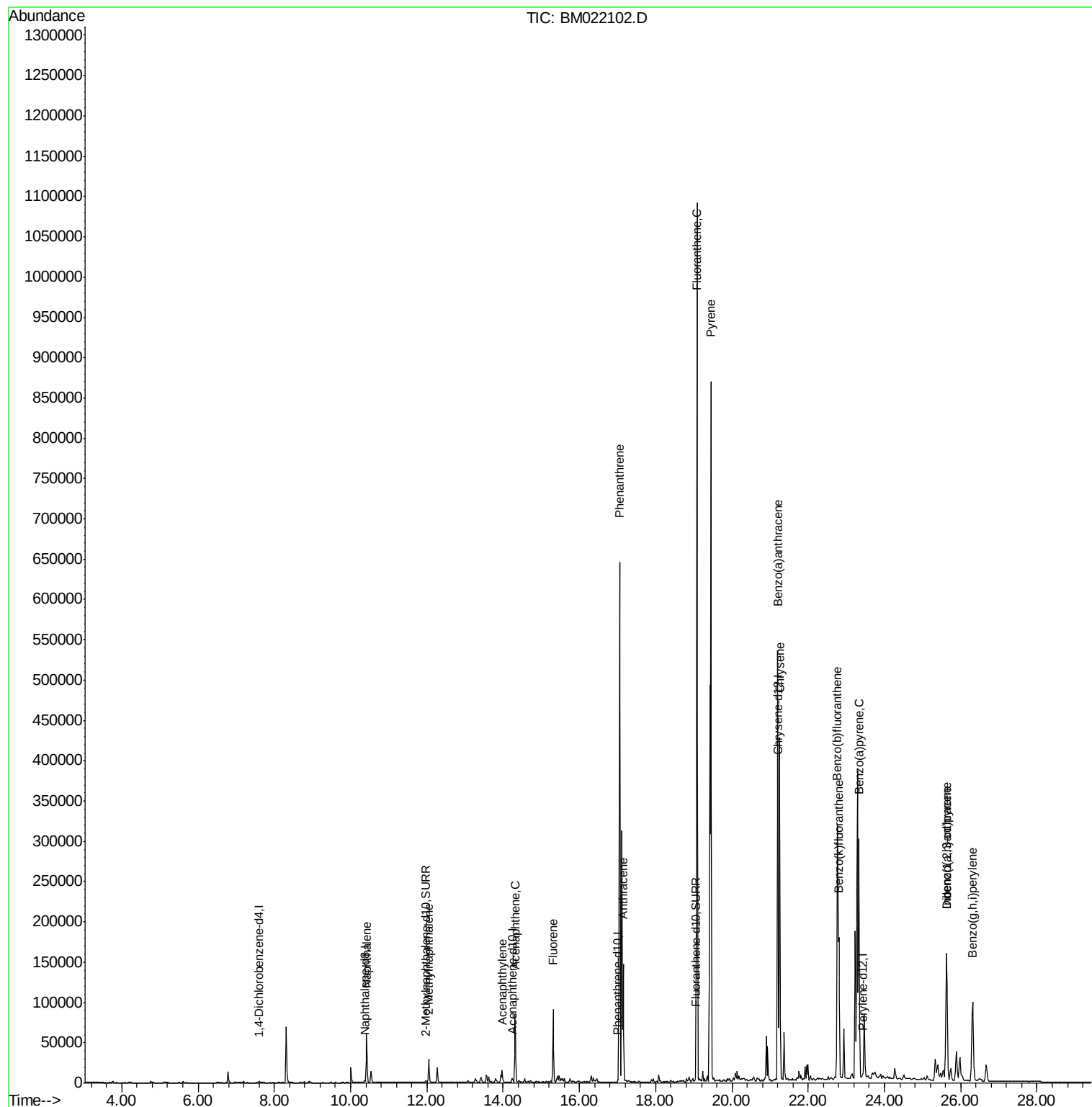
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
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ALS Vial : 6 Sample Multiplier: 1

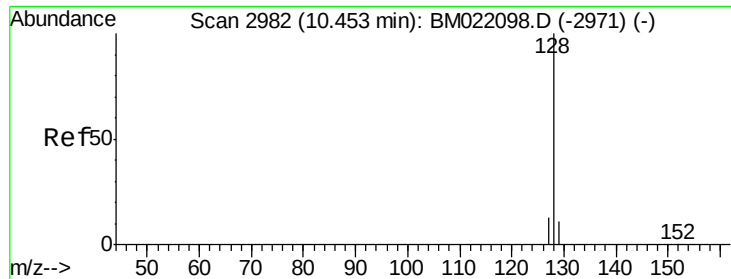
Instrument :
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QLast Update : Wed Aug 14 13:53:23 2019
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#3

Naphthalene

Concen: 7.370 ng/ul

RT: 10.42 min Scan# 2975

Delta R.T. -0.03 min

Lab File: BM022102.D

Acq: 14 Aug 2019 11:29

Instrument :

BNA_M

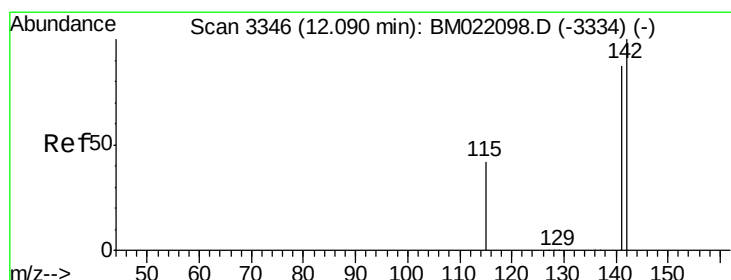
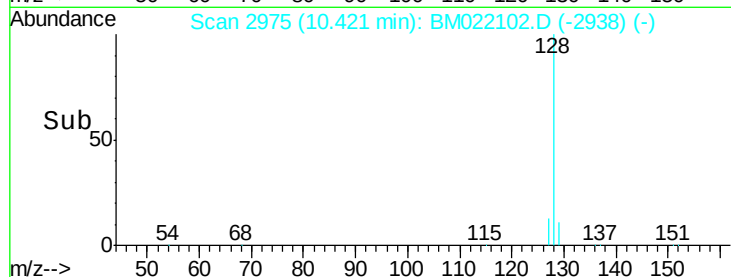
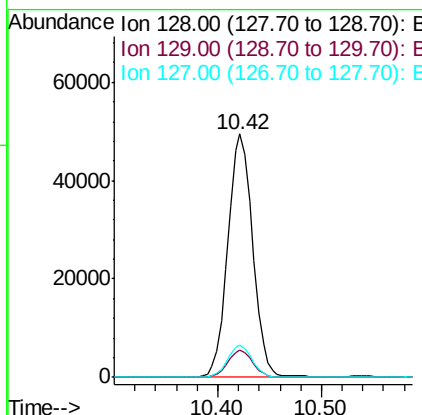
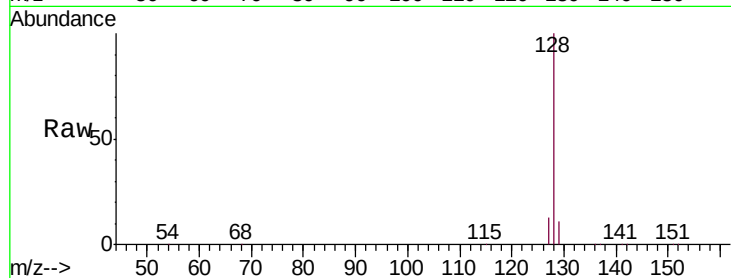
ClientSampleId :

CB5N5

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	12.3	18.5#
127	13.2	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 2.933 ng/ul

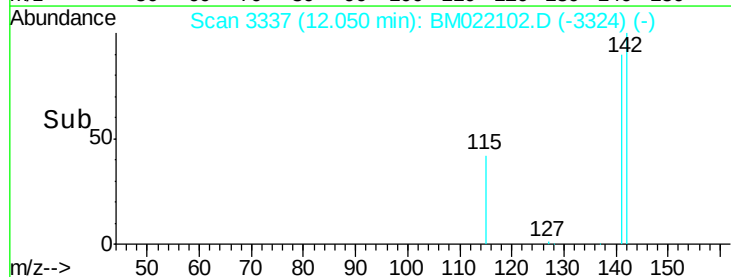
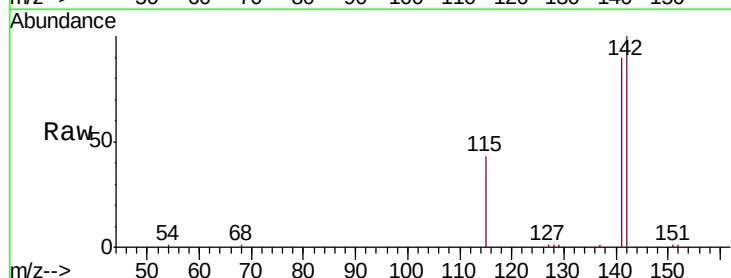
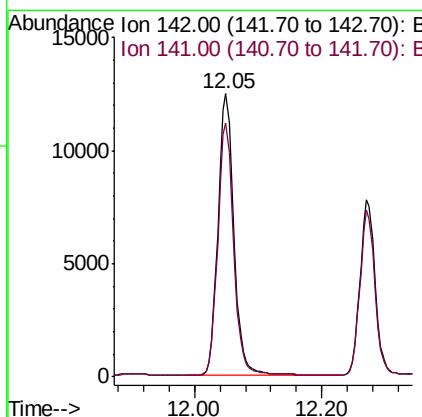
RT: 12.05 min Scan# 3337

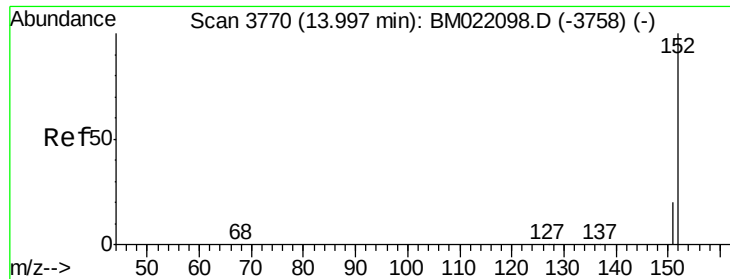
Delta R.T. -0.04 min

Lab File: BM022102.D

Acq: 14 Aug 2019 11:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	74.3	111.5





#7

Acenaphthylene

Concen: 1.542 ng/ul

RT: 13.97 min Scan# 3765

Delta R.T. -0.02 min

Lab File: BM022102.D

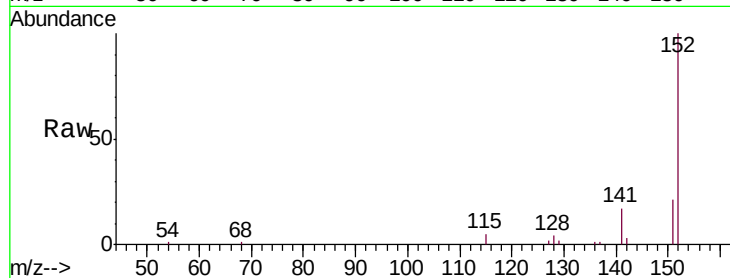
Acq: 14 Aug 2019 11:29

Instrument :

BNA_M

ClientSampleId :

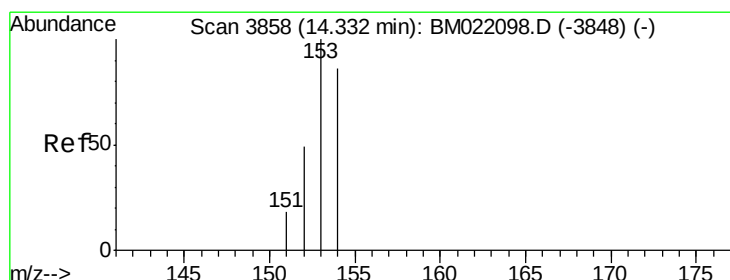
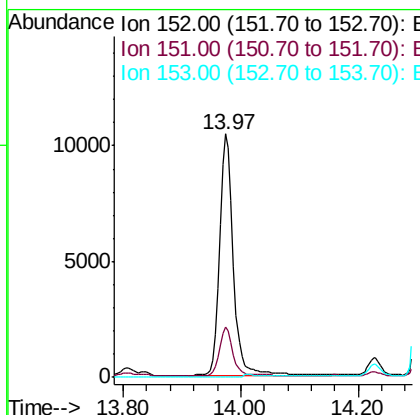
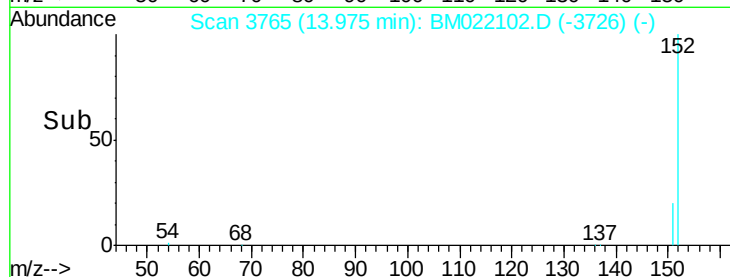
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Tgt Ion:	152	Resp:	15797
Ion Ratio	Lower	Upper	
152	100		
151	20.6	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 5.845 ng/ul

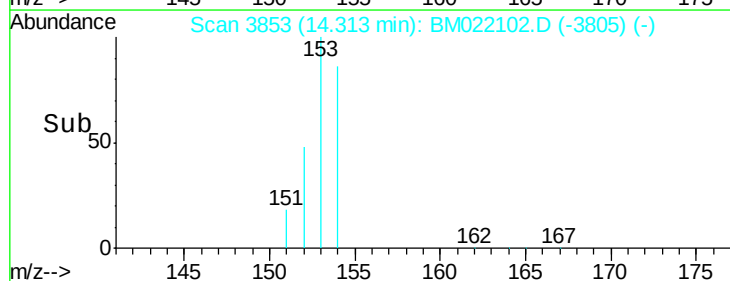
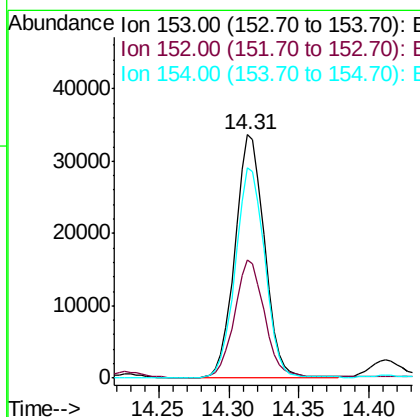
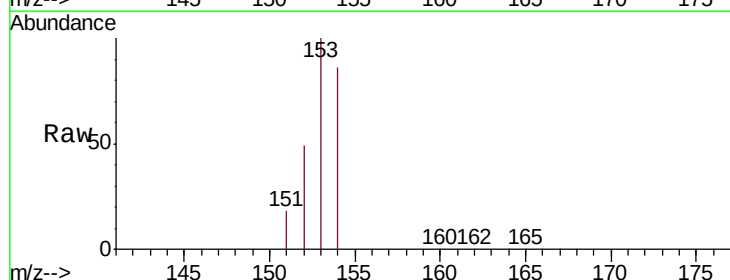
RT: 14.31 min Scan# 3853

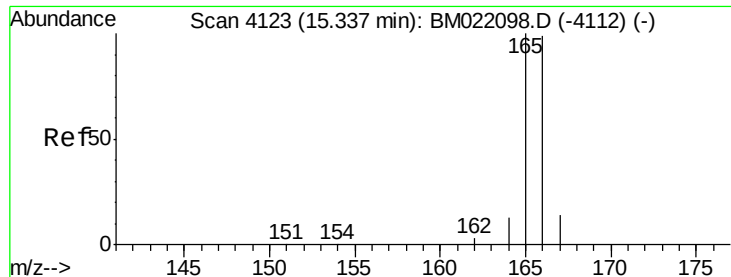
Delta R.T. -0.02 min

Lab File: BM022102.D

Acq: 14 Aug 2019 11:29

Tgt Ion:	153	Resp:	48980
Ion Ratio	Lower	Upper	
153	100		
152	48.5	41.3	61.9
154	86.3	72.3	108.5





#9

Fluorene

Concen: 5.880 ng/ul

RT: 15.31 min Scan# 4116

Delta R.T. -0.03 min

Lab File: BM022102.D

Acq: 14 Aug 2019 11:29

Instrument :

BNA_M

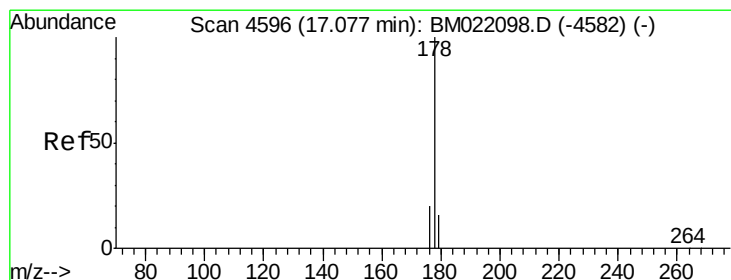
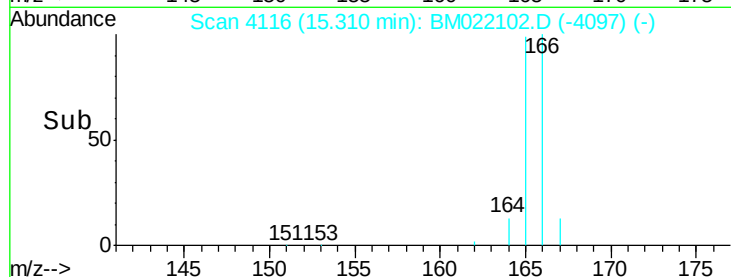
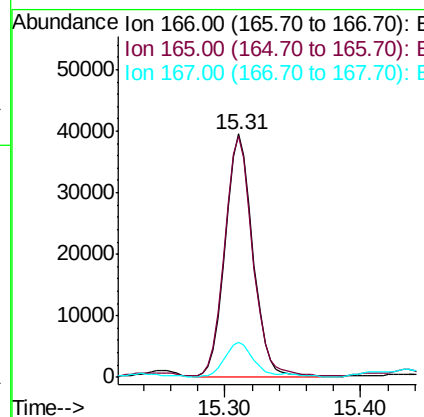
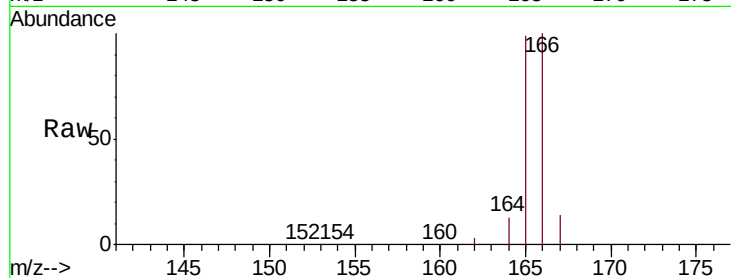
ClientSampled :

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Tgt Ion:	166	Resp:	54726
Ion Ratio	Lower	Upper	
166	100		
165	99.2	81.4	122.0
167	14.5	13.7	20.5

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#12

Phenanthrene

Concen: 52.241 ng/ul m

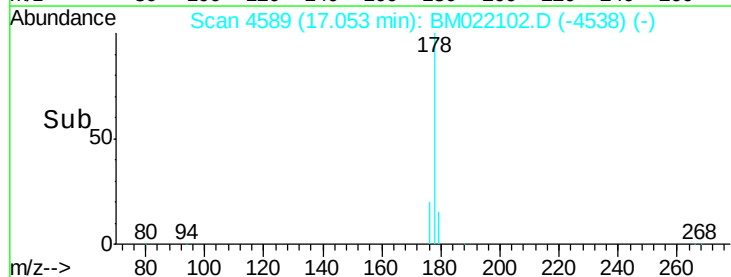
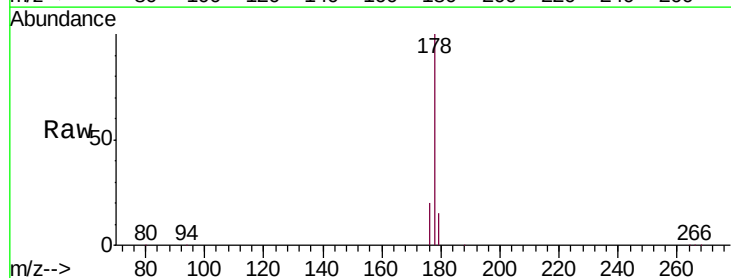
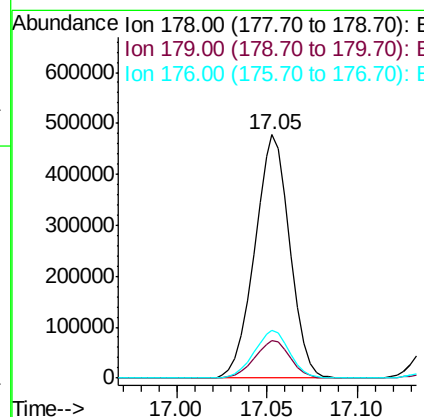
RT: 17.05 min Scan# 4589

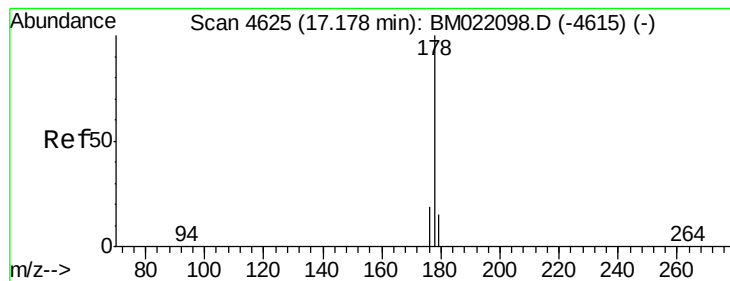
Delta R.T. -0.02 min

Lab File: BM022102.D

Acq: 14 Aug 2019 11:29

Tgt Ion:	178	Resp:	646779
Ion Ratio	Lower	Upper	
178	100		
179	15.4	14.2	21.2
176	19.7	16.8	25.2





#13

Anthracene

Concen: 14.259 ng/ul m

RT: 17.15 min Scan# 4616

Delta R.T. -0.03 min

Lab File: BM022102.D

Acq: 14 Aug 2019 11:29

Instrument :

BNA_M

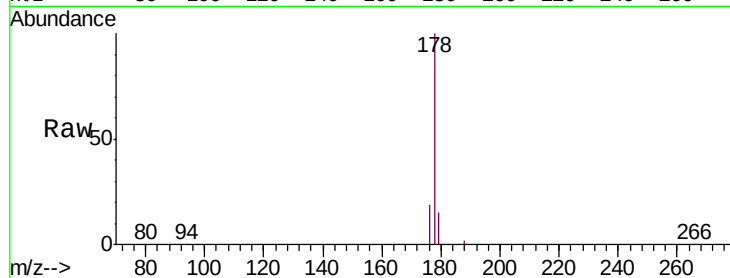
ClientSampleId :

CB5N5

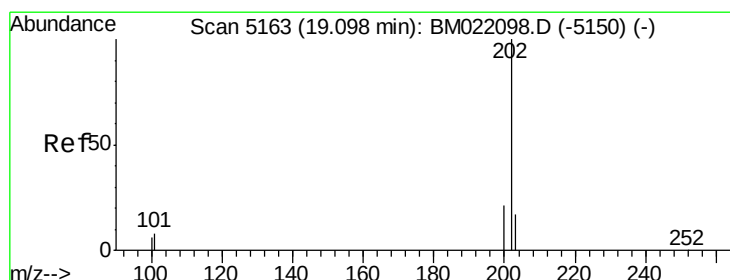
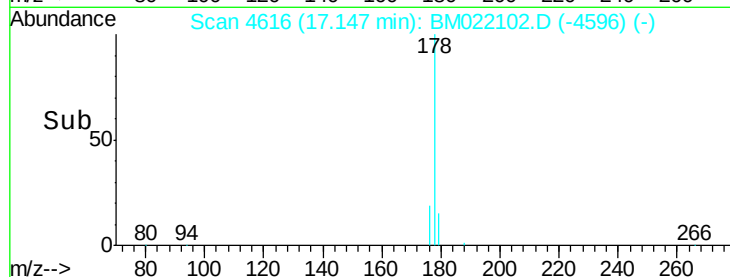
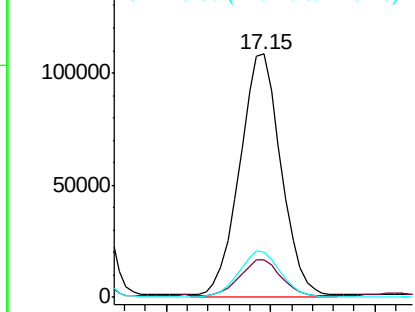
Tgt	Ion:178	Resp:	150585
Ion	Ratio	Lower	Upper
178	100		
179	15.4	15.5	23.3#
176	18.8	16.6	25.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 54.885 ng/ul m

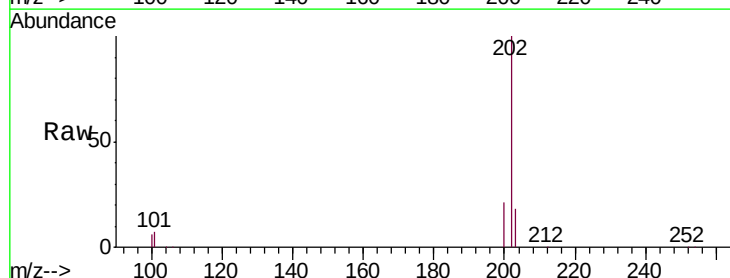
RT: 19.08 min Scan# 5158

Delta R.T. -0.02 min

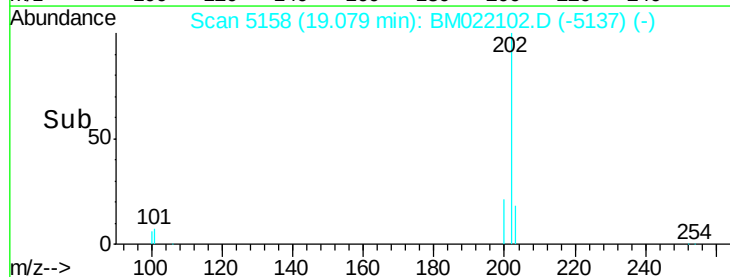
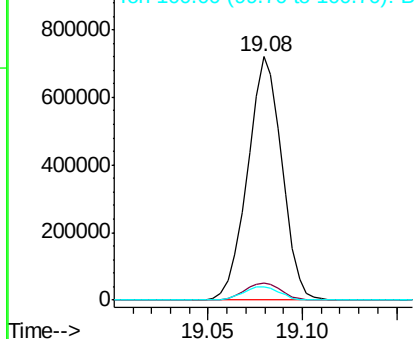
Lab File: BM022102.D

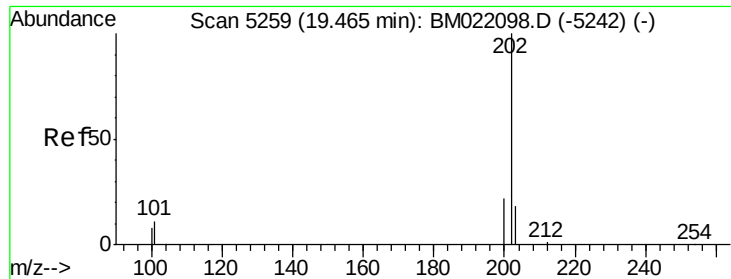
Acq: 14 Aug 2019 11:29

Tgt	Ion:202	Resp:	910246
Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	30.2
100	5.7	0.0	28.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





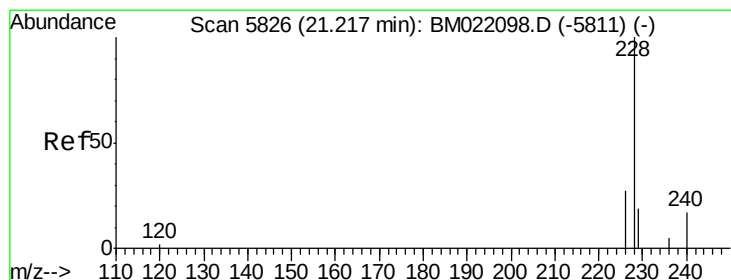
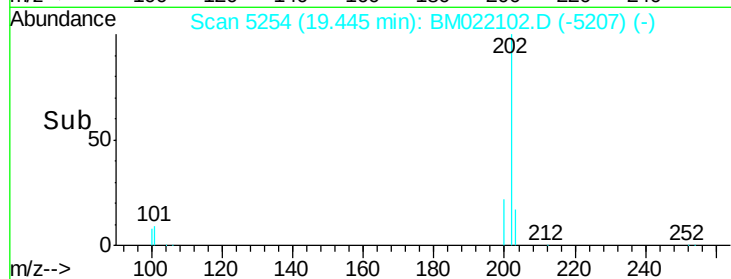
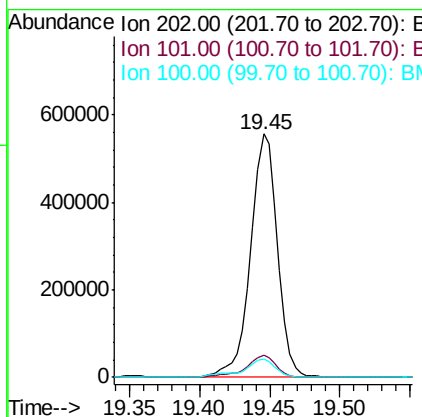
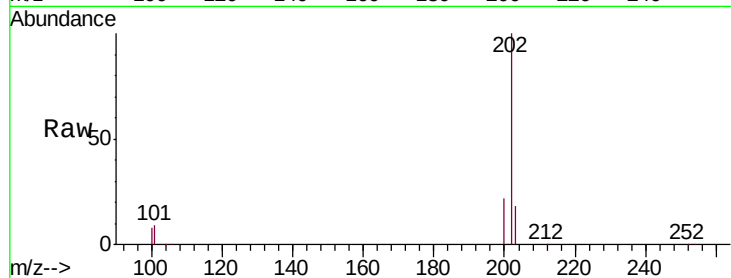
#17
 Pyrene
 Concen: 47.930 ng/ul
 RT: 19.45 min Scan# 5254
 Delta R.T. -0.02 min
 Lab File: BM022102.D
 Acq: 14 Aug 2019 11:29

Instrument :
 BNA_M
 ClientSampleId :
 CB5N5

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.0	8.3	12.5
100	7.5	7.2	10.8

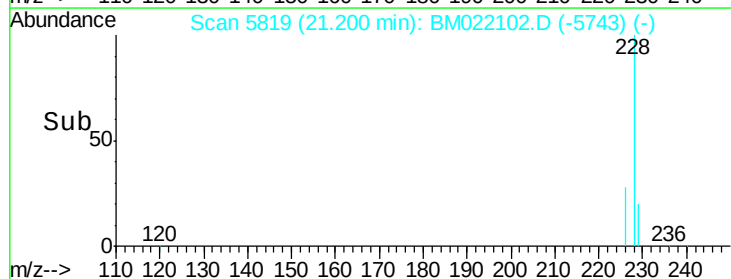
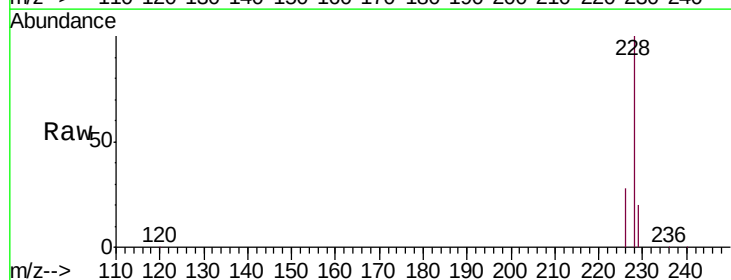
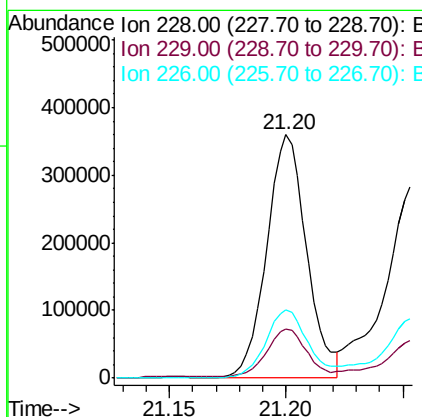
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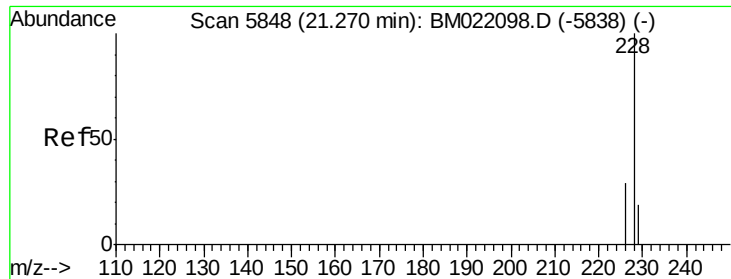
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#18
 Benzo(a)anthracene
 Concen: 31.995 ng/ul m
 RT: 21.20 min Scan# 5819
 Delta R.T. -0.02 min
 Lab File: BM022102.D
 Acq: 14 Aug 2019 11:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.2	17.2	25.8
226	28.3	22.6	34.0





#19

Chrysene

Concen: 21.992 ng/ul

RT: 21.25 min Scan# 5841

Delta R.T. -0.02 min

Lab File: BM022102.D

Acq: 14 Aug 2019 11:29

Instrument :

BNA_M

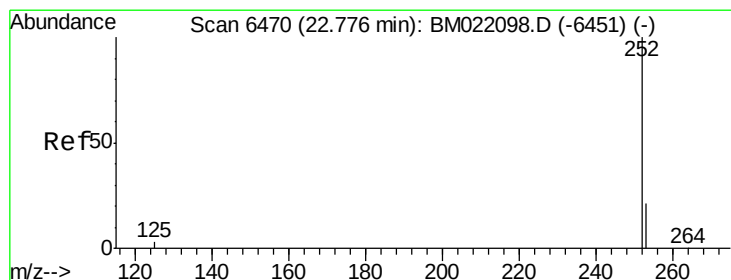
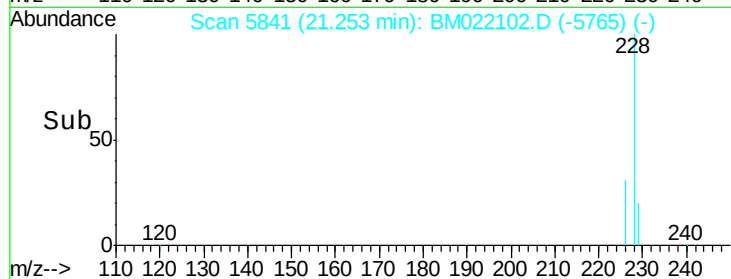
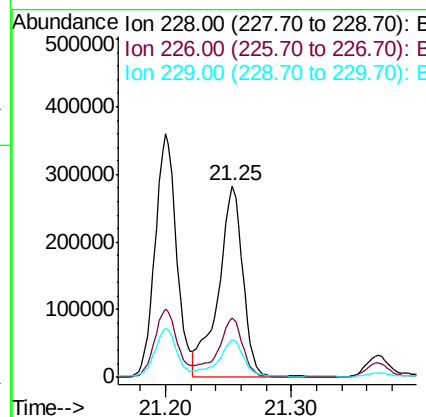
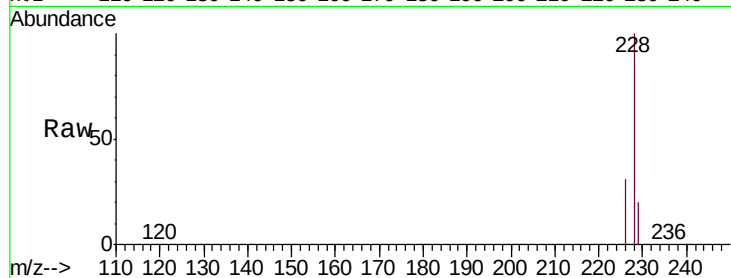
ClientSampleId :

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Tgt	Ion:228	Resp:	379380
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.9	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 38.227 ng/ul m

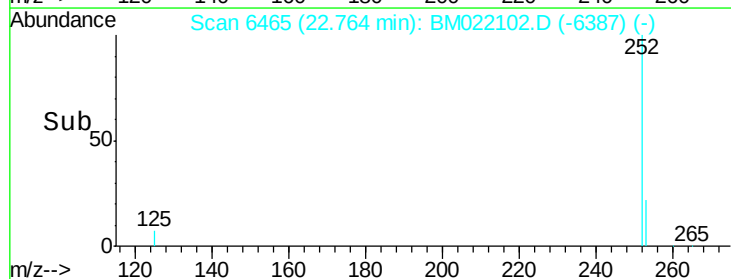
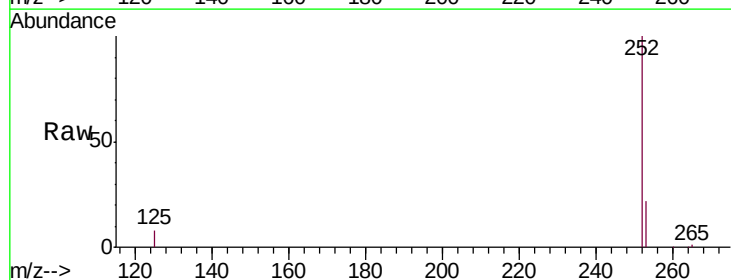
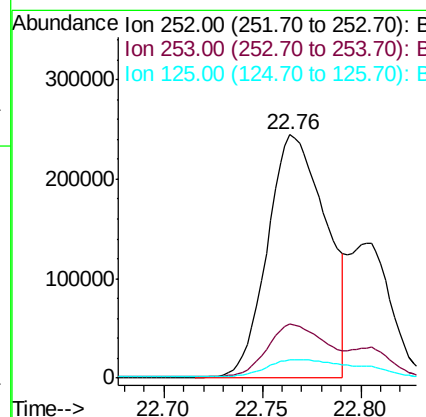
RT: 22.76 min Scan# 6465

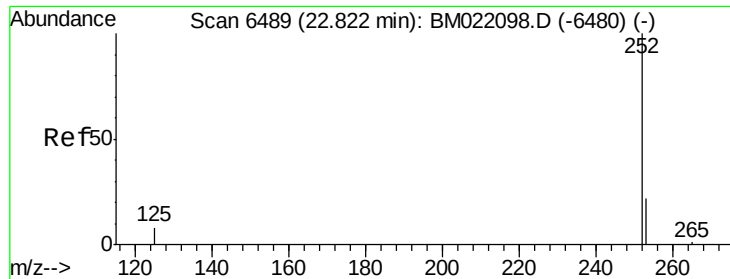
Delta R.T. -0.01 min

Lab File: BM022102.D

Acq: 14 Aug 2019 11:29

Tgt	Ion:252	Resp:	506995
Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	67.4
125	7.6	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 13.799 ng/ul m

RT: 22.80 min Scan# 6481

Delta R.T. -0.02 min

Lab File: BM022102.D

Acq: 14 Aug 2019 11:29

Instrument :

BNA_M

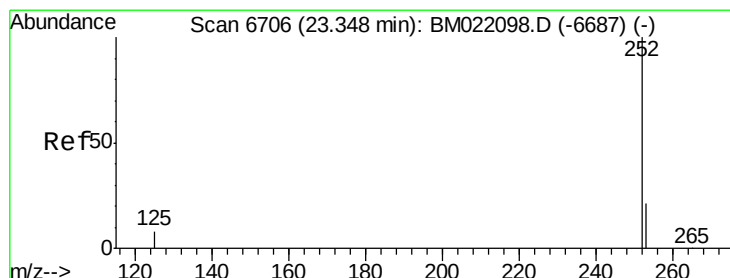
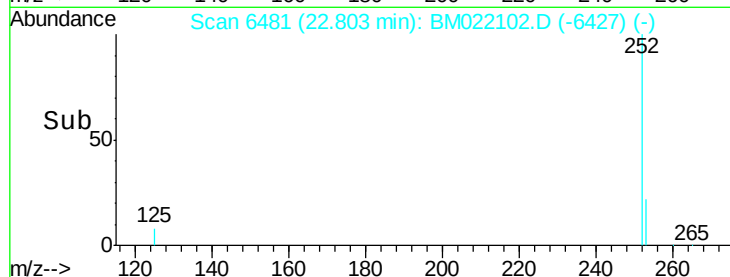
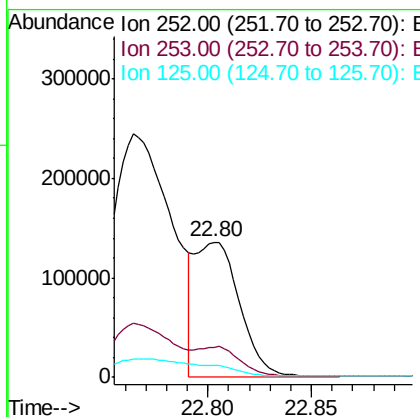
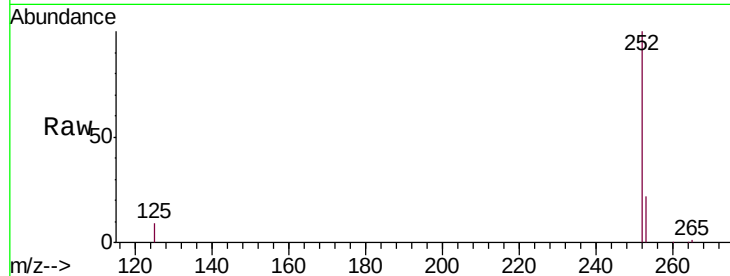
ClientSampleId :

CB5N5

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	207105		
253	22.3	27.0	40.4#	
125	8.8	12.2	18.2#	

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#23

Benzo(a)pyrene

Concen: 27.627 ng/ul

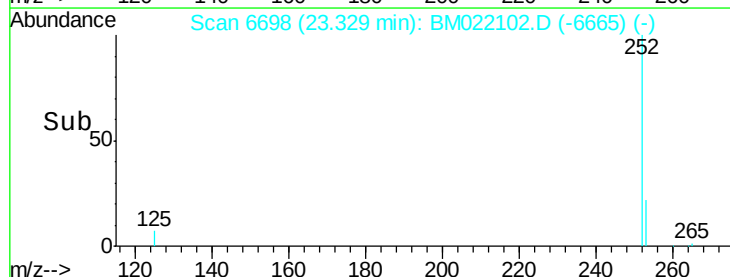
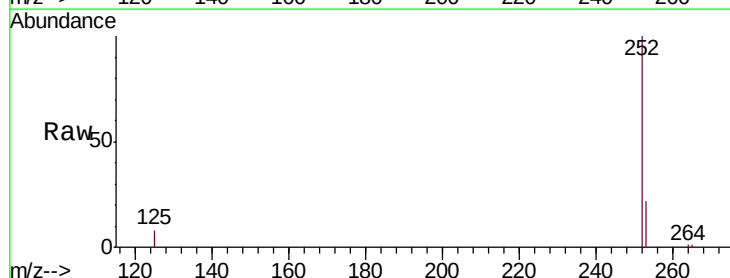
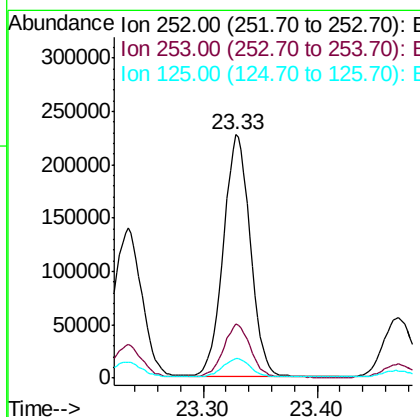
RT: 23.33 min Scan# 6698

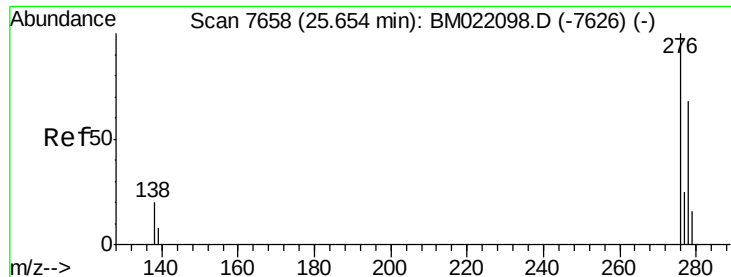
Delta R.T. -0.02 min

Lab File: BM022102.D

Acq: 14 Aug 2019 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	372625		
253	22.0	31.7	47.5#	
125	8.0	14.6	21.8#	





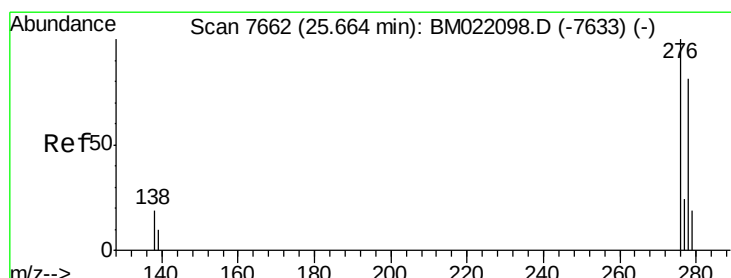
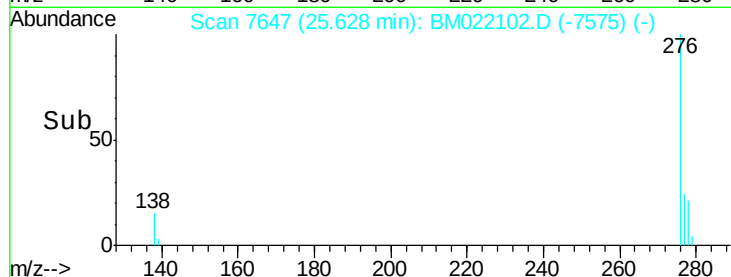
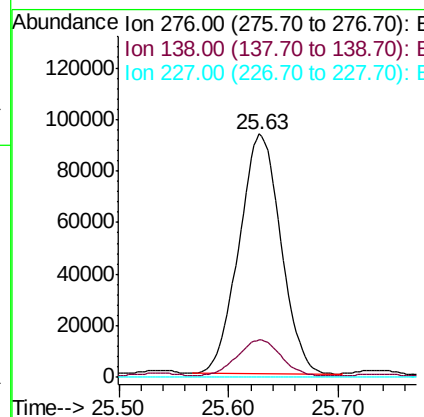
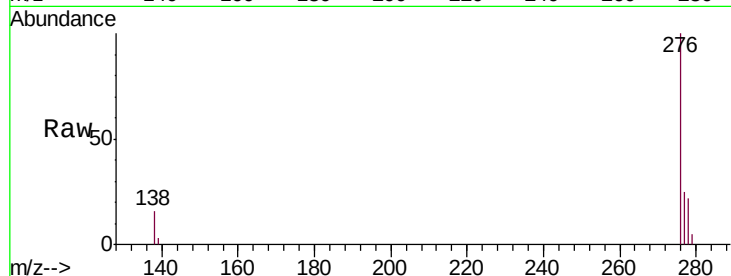
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 15.309 ng/ul
 RT: 25.63 min Scan# 7647
 Delta R.T. -0.03 min
 Lab File: BM022102.D
 Acq: 14 Aug 2019 11:29

Instrument :
 BNA_M
 ClientSampleId :
 CB5N5

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	246541		
138	15.6	15.1	22.7	
227	0.0	0.0	0.0	

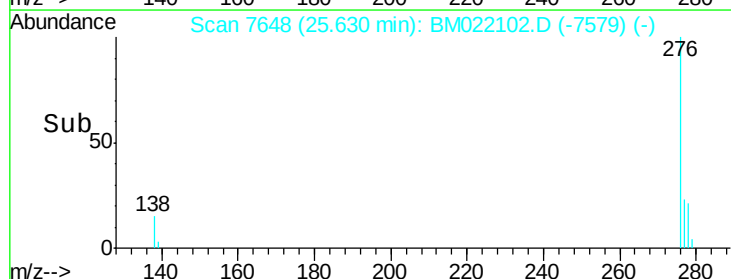
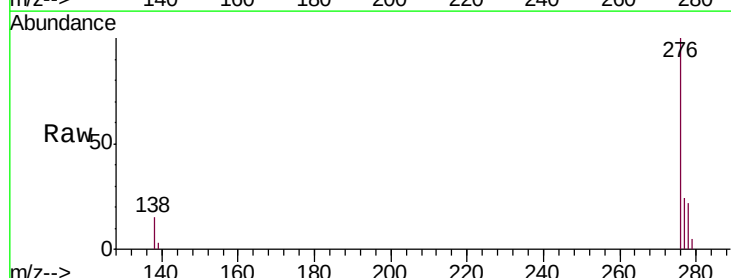
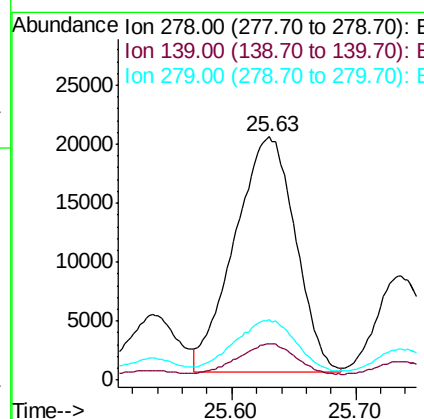
Manual Integrations
 APPROVED

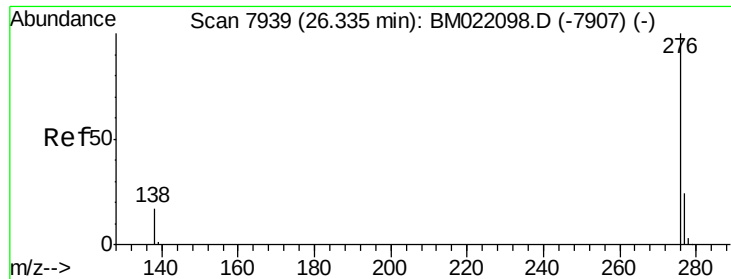
mohammad
 8/15/2019 5:08:47 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 5.209 ng/ul m
 RT: 25.63 min Scan# 7648
 Delta R.T. -0.03 min
 Lab File: BM022102.D
 Acq: 14 Aug 2019 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	67807		
139	14.7	14.2	21.2	
279	24.8	28.3	42.5#	





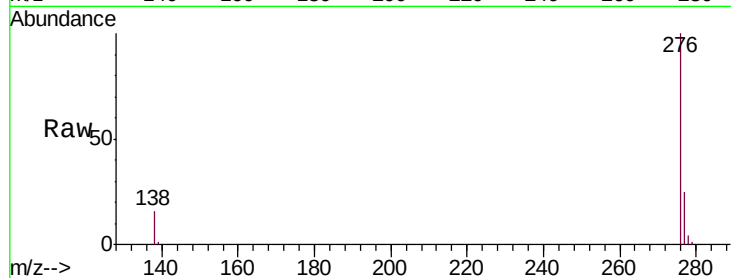
#26
 Benzo(g,h,i)perylene
 Concen: 13.813 ng/ul
 RT: 26.31 min Scan# 7928
 Delta R.T. -0.03 min
 Lab File: BM022102.D
 Acq: 14 Aug 2019 11:29

Instrument :
 BNA_M
 ClientSampleId :
 CB5N5

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		200270		
138	16.2	15.5	23.3		
277	24.5	21.4	32.2		

Manual Integrations
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 8/15/2019 5:08:47 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

