

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022118.D
 Acq On : 14 Aug 2019 21:16
 Operator : HP/JU
 Sample : K4304-04DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N5DL

Manual Integrations
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Quant Time: Aug 15 11:15:13 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	1071	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	4397	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	2223	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	4673	0.40	ng/ul	-0.02
16) Chrysene-d12	21.21	240	4564	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	5008	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	586	0.08	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	1262	0.08	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.43	128	16632	1.339	ng/ul#	92
5) 2-Methylnaphthalene	12.06	142	4202	0.508	ng/ul	96
7) Acenaphthylene	13.98	152	3626	0.350	ng/ul#	83
8) Acenaphthene	14.32	153	9699	1.143	ng/ul	96
9) Fluorene	15.31	166	11014	1.169	ng/ul	97
12) Phenanthrene	17.05	178	139848	10.285	ng/ul	96
13) Anthracene	17.15	178	32707	2.820	ng/ul	94
15) Fluoranthene	19.08	202	200725	11.020	ng/ul	95
17) Pyrene	19.45	202	167248	8.918	ng/ul	97
18) Benzo(a)anthracene	21.20	228	92532	5.668	ng/ul	99
19) Chrysene	21.25	228	87765	4.180	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	115977m	6.868	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	44276m	2.317	ng/ul	
23) Benzo(a)pyrene	23.33	252	80849	4.708	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.63	276	56173	2.739	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.63	278	15030m	0.907	ng/ul	
26) Benzo(g,h,i)perylene	26.30	276	44602	2.416	ng/ul	96

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

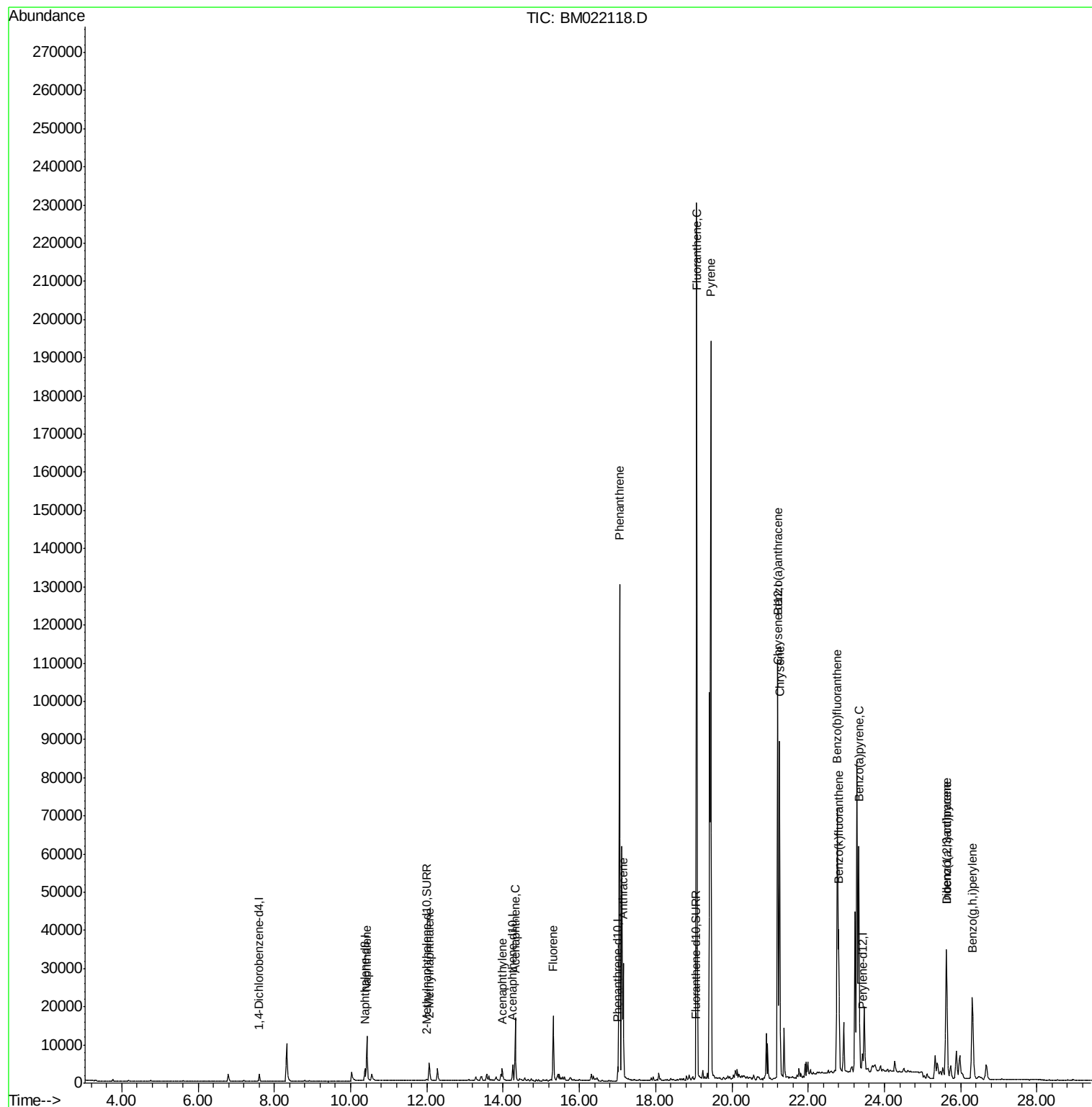
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022118.D
Acq On : 14 Aug 2019 21:16
Operator : HP/JU
Sample : K4304-04DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

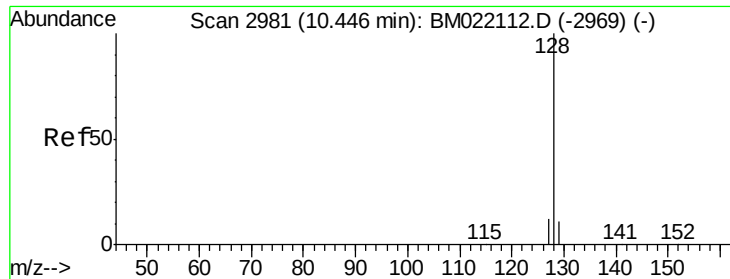
Instrument :
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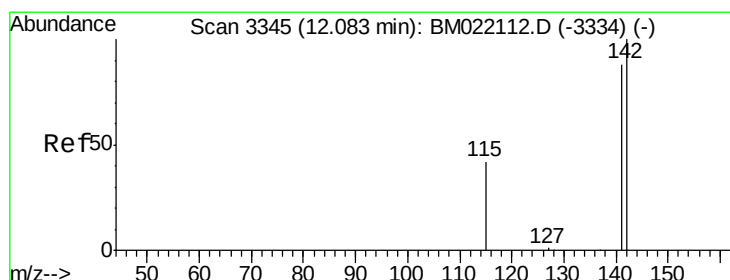
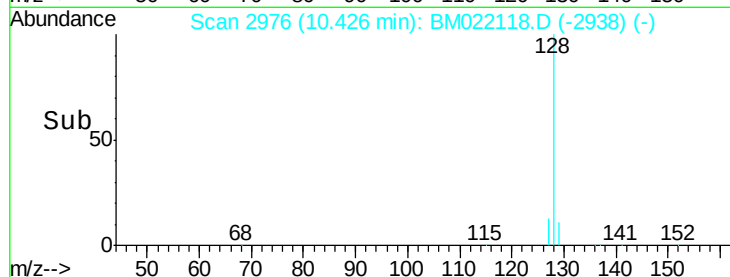
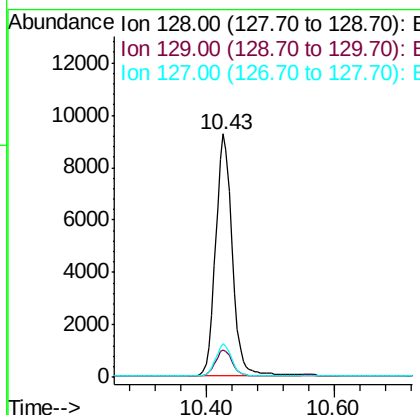
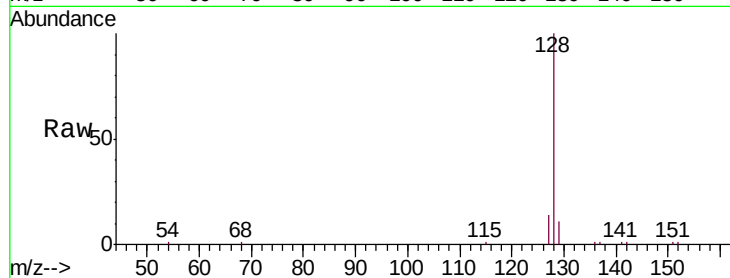
#3
Naphthalene
Concen: 1.339 ng/ul
RT: 10.43 min Scan# 2976
Delta R.T. -0.03 min
Lab File: BM022118.D
Acq: 14 Aug 2019 21:16

Instrument :
BNA_M
ClientSampleId :
CB5N5DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	12.3	18.5#
127	13.7	13.0	19.6

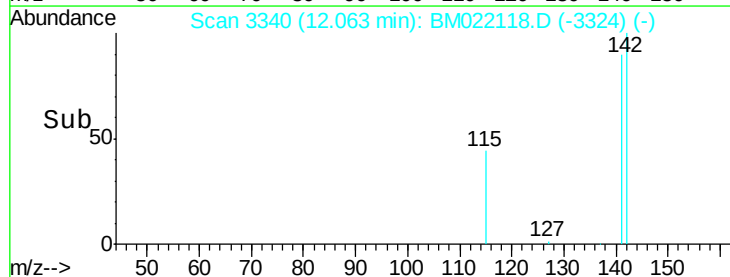
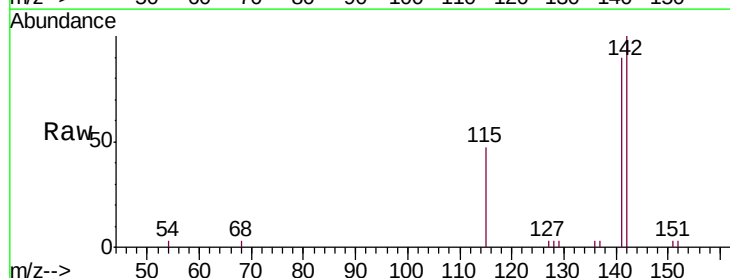
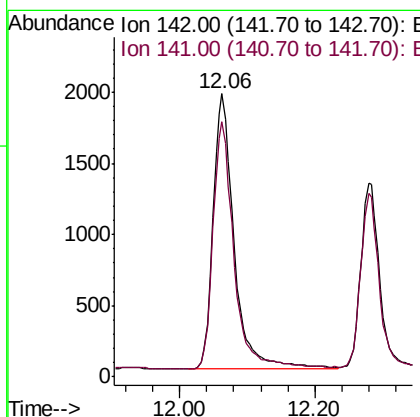
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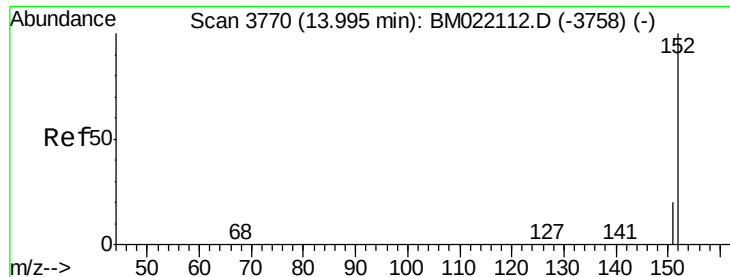
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#5
2-Methylnaphthalene
Concen: 0.508 ng/ul
RT: 12.06 min Scan# 3340
Delta R.T. -0.03 min
Lab File: BM022118.D
Acq: 14 Aug 2019 21:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	74.3	111.5





#7

Acenaphthylene

Concen: 0.350 ng/ul

RT: 13.98 min Scan# 3766

Delta R.T. -0.02 min

Lab File: BM022118.D

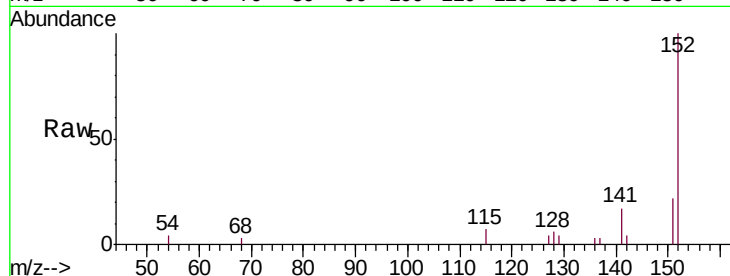
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Instrument :

BNA_M

ClientSampleId :

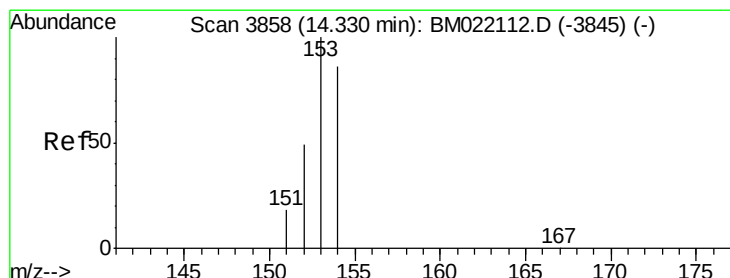
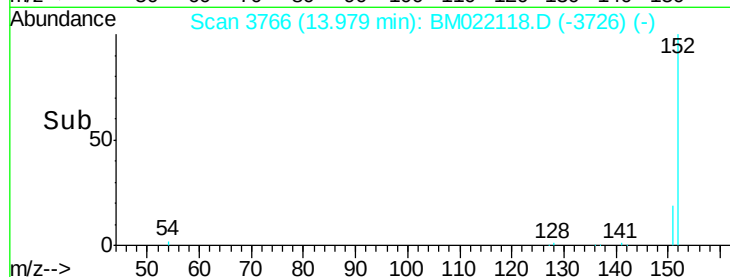
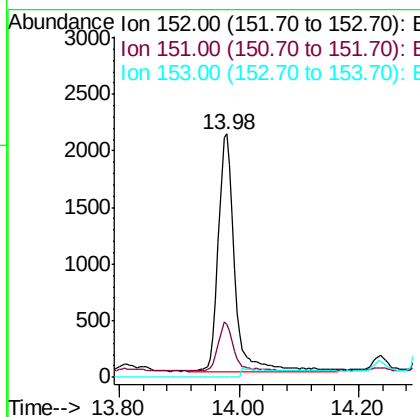
CB5N5DL



Tgt Ion:	152	Resp:	3626
Ion Ratio	Lower	Upper	
152	100		
151	21.7	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 1.143 ng/ul

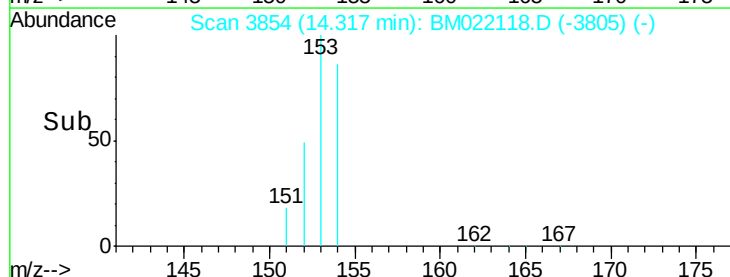
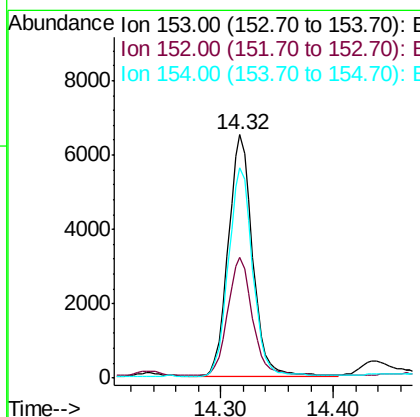
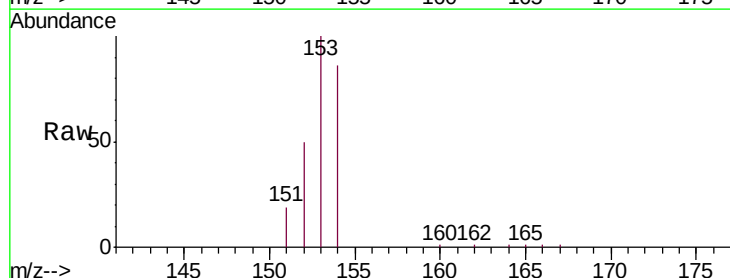
RT: 14.32 min Scan# 3854

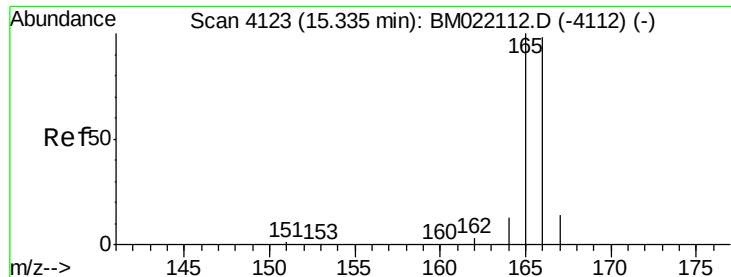
Delta R.T. -0.02 min

Lab File: BM022118.D

Acq: 14 Aug 2019 21:16

Tgt Ion:	153	Resp:	9699
Ion Ratio	Lower	Upper	
153	100		
152	49.6	41.3	61.9
154	86.5	72.3	108.5





#9

Fluorene

Concen: 1.169 ng/ul

RT: 15.31 min Scan# 4117

Delta R.T. -0.02 min

Lab File: BM022118.D

Acq: 14 Aug 2019 21:16

Instrument :

BNA_M

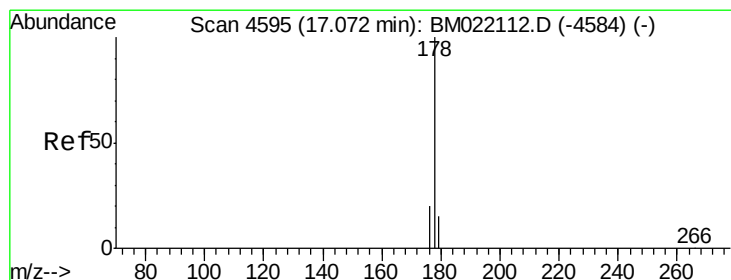
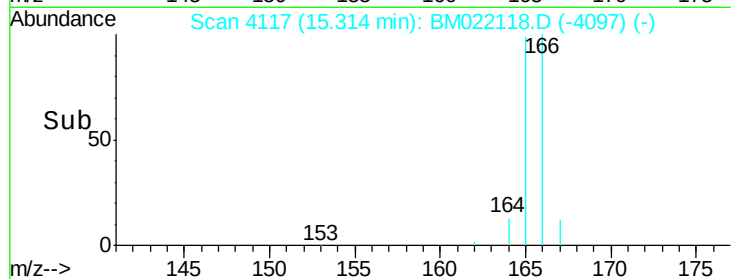
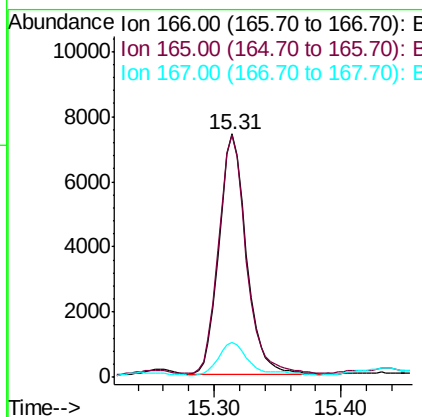
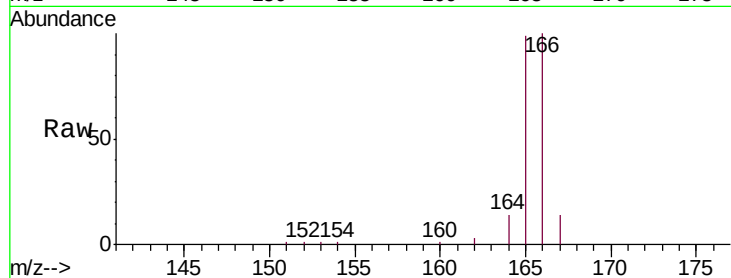
ClientSampleId :

CB5N5DL

Tgt Ion:	166	Resp:	11014
Ion	Ratio	Lower	Upper
166	100		
165	99.4	81.4	122.0
167	14.2	13.7	20.5

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#12

Phenanthrene

Concen: 10.285 ng/ul

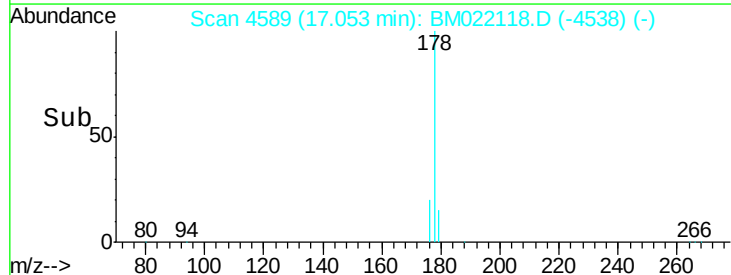
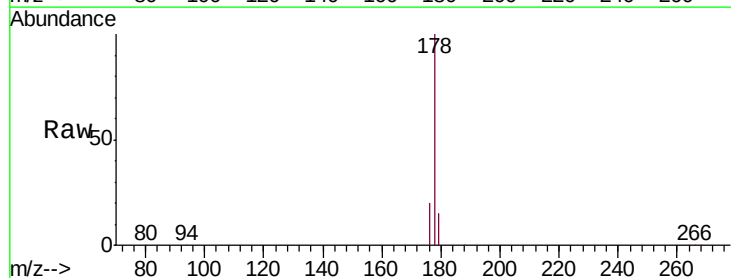
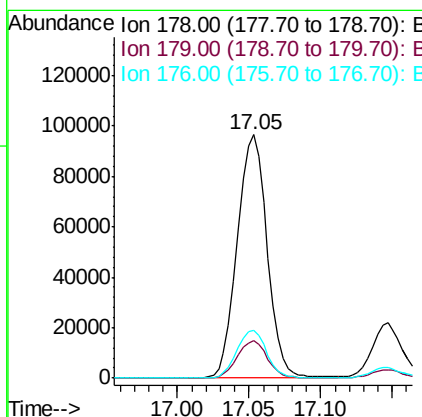
RT: 17.05 min Scan# 4589

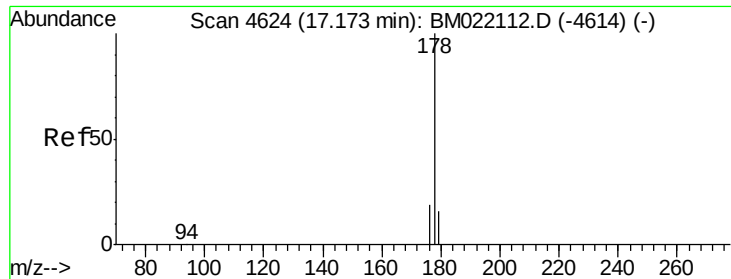
Delta R.T. -0.02 min

Lab File: BM022118.D

Acq: 14 Aug 2019 21:16

Tgt Ion:	178	Resp:	139848
Ion	Ratio	Lower	Upper
178	100		
179	15.3	14.2	21.2
176	19.6	16.8	25.2





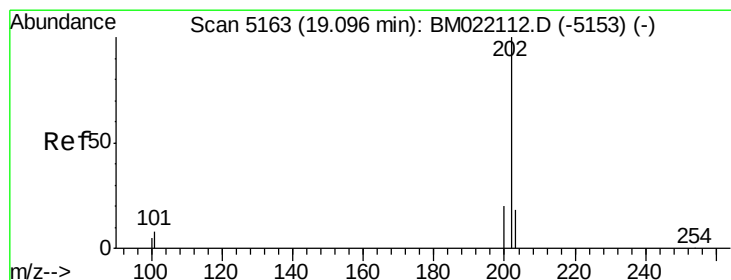
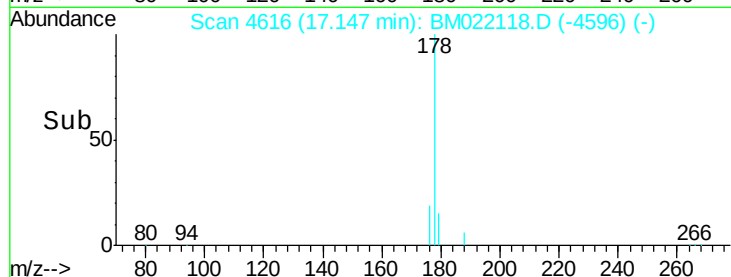
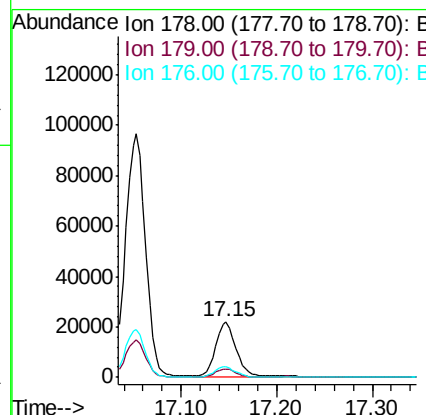
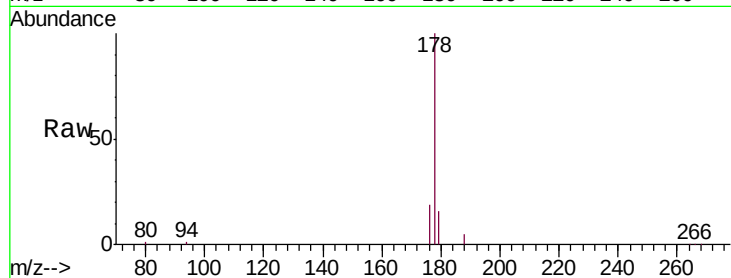
#13
 Anthracene
 Concen: 2.820 ng/ul
 RT: 17.15 min Scan# 4616
 Delta R.T. -0.03 min
 Lab File: BM022118.D
 Acq: 14 Aug 2019 21:16

Instrument :
 BNA_M
 ClientSampleId :
 CB5N5DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	15.5	23.3
176	19.1	16.6	25.0

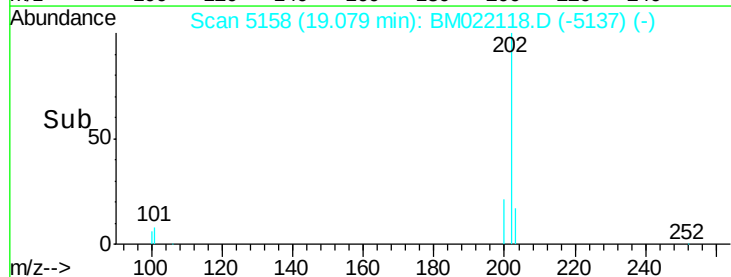
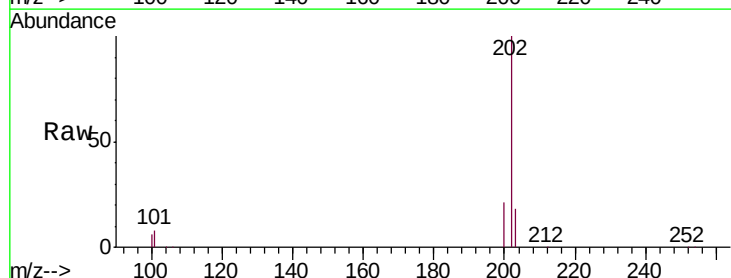
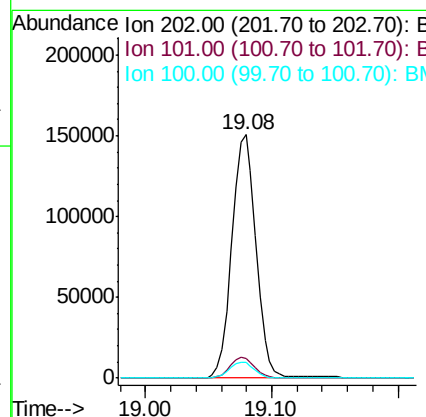
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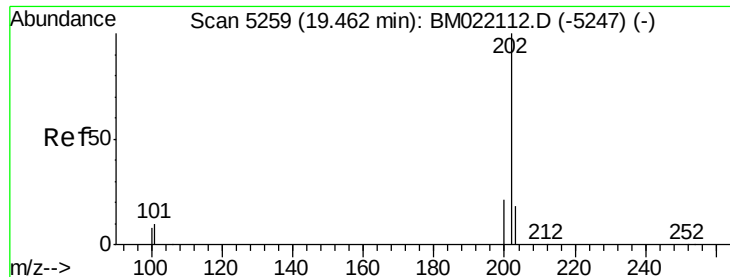
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#15
 Fluoranthene
 Concen: 11.020 ng/ul
 RT: 19.08 min Scan# 5158
 Delta R.T. -0.02 min
 Lab File: BM022118.D
 Acq: 14 Aug 2019 21:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	30.2
100	6.3	0.0	28.1





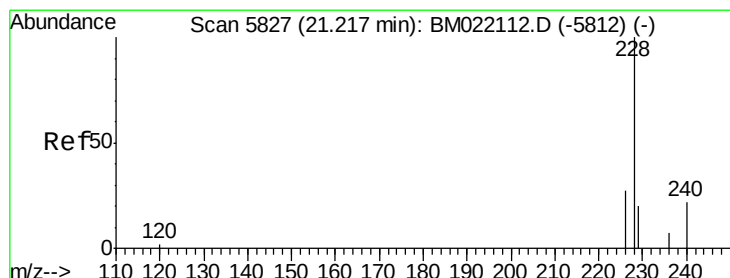
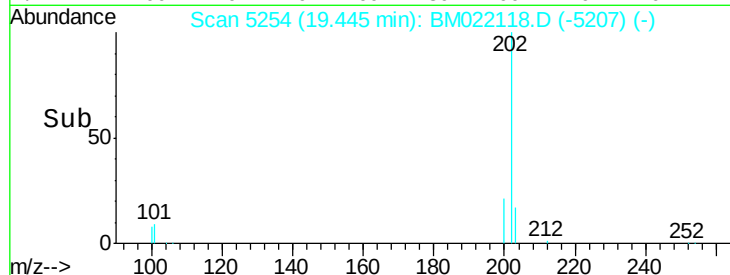
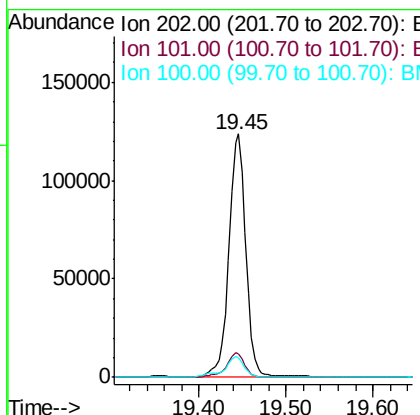
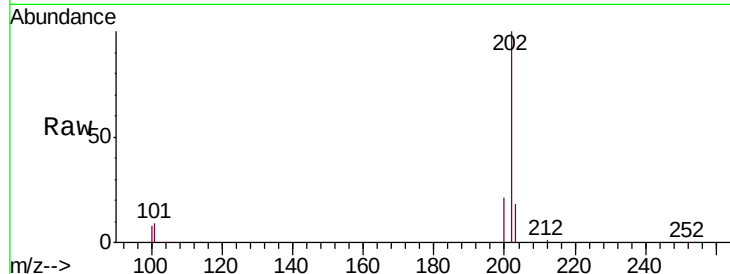
#17
 Pyrene
 Concen: 8.918 ng/ul
 RT: 19.45 min Scan# 5254
 Delta R.T. -0.02 min
 Lab File: BM022118.D
 Acq: 14 Aug 2019 21:16

Instrument :
 BNA_M
 ClientSampleId :
 CB5N5DL

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

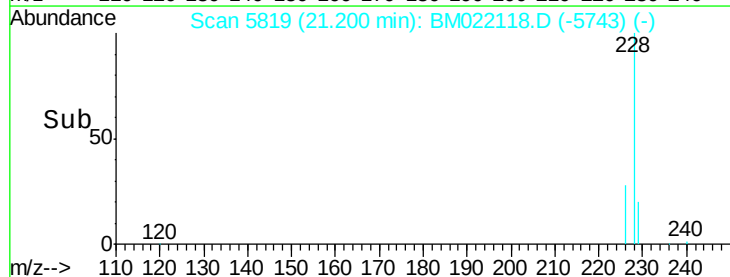
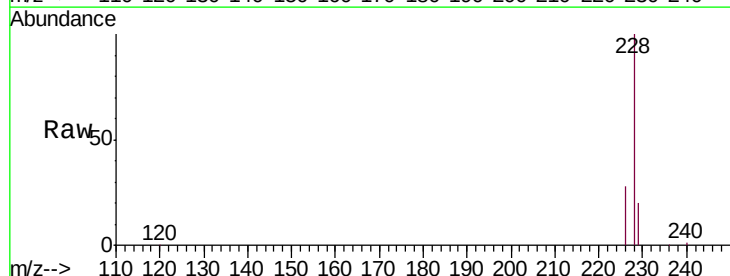
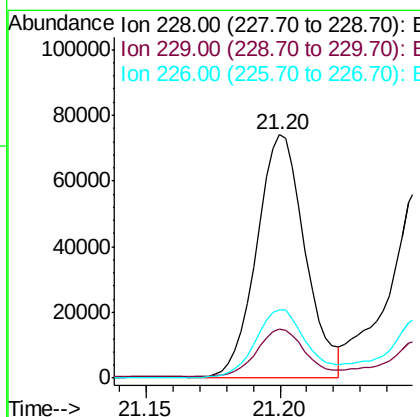
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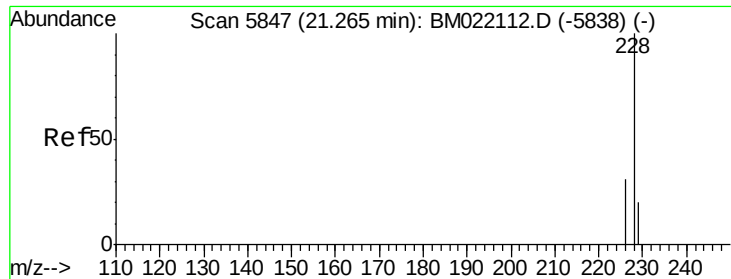
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#18
 Benzo(a)anthracene
 Concen: 5.668 ng/ul
 RT: 21.20 min Scan# 5819
 Delta R.T. -0.02 min
 Lab File: BM022118.D
 Acq: 14 Aug 2019 21:16

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

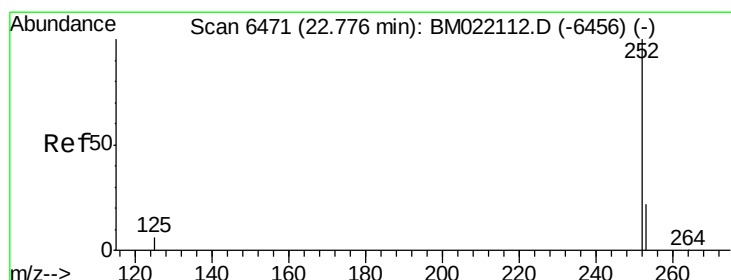
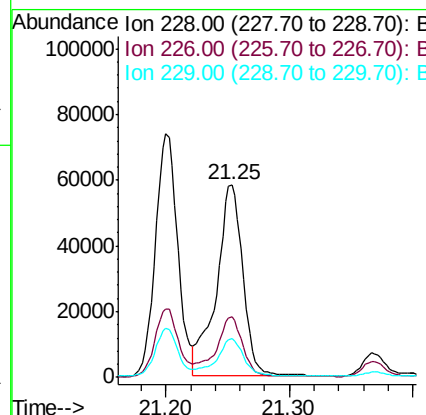
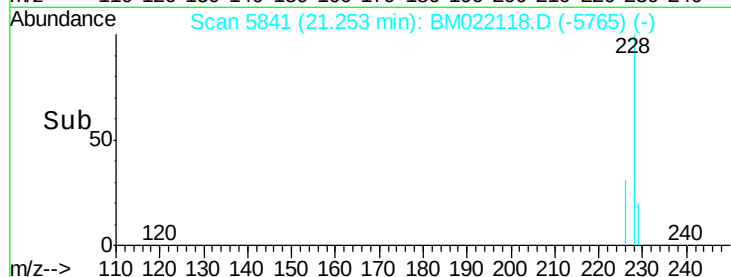
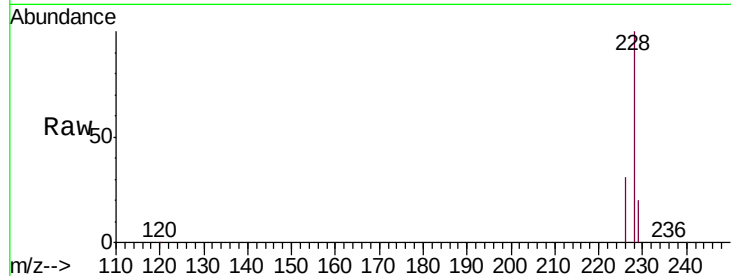
Concen: 4.180 ng/ul
 RT: 21.25 min Scan# 5841
 Delta R.T. -0.02 min
 Lab File: BM022118.D
 Acq: 14 Aug 2019 21:16

Instrument :
 BNA_M
 ClientSampleId :
 CB5N5DL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.1	16.6	25.0

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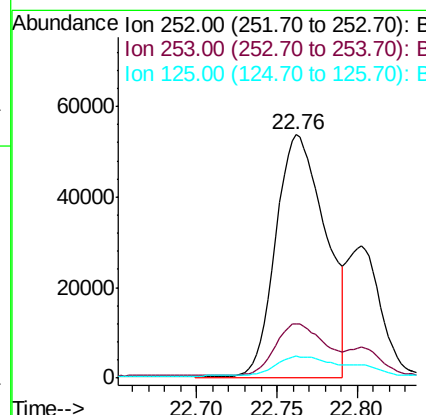
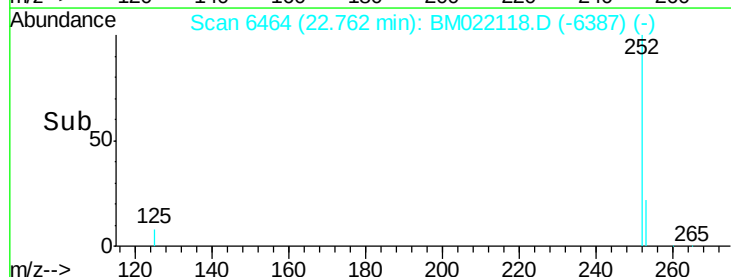
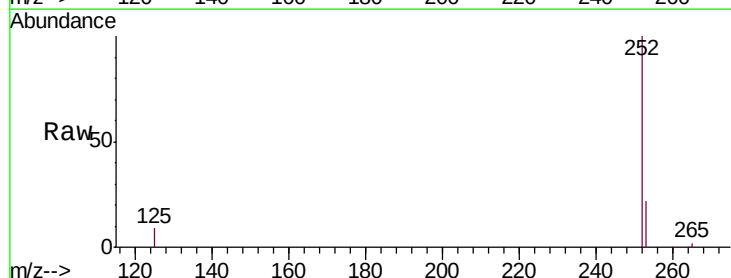


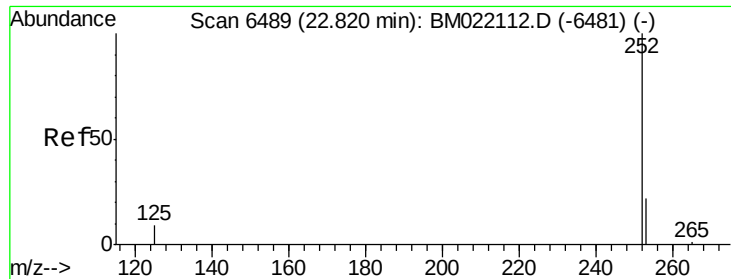
#21

Benzo(b)fluoranthene

Concen: 6.868 ng/ul m
 RT: 22.76 min Scan# 6464
 Delta R.T. -0.01 min
 Lab File: BM022118.D
 Acq: 14 Aug 2019 21:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	67.4
125	8.9	0.0	31.0





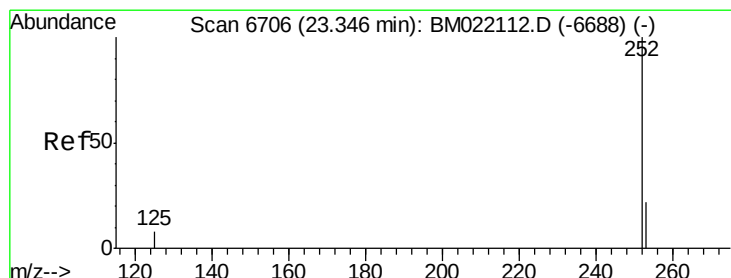
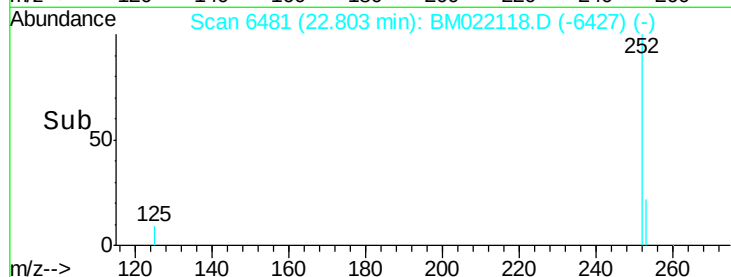
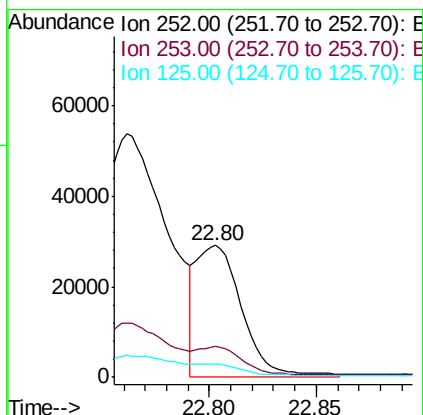
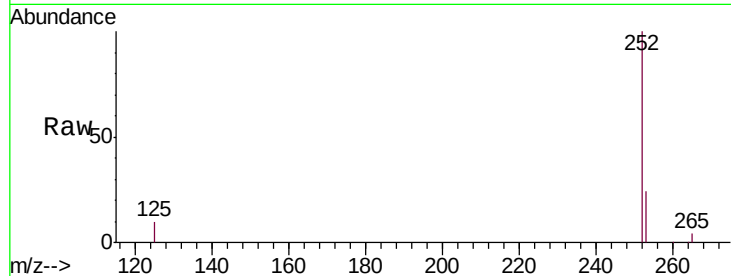
#22
Benzo(k)fluoranthene
Concen: 2.317 ng/ul m
RT: 22.80 min Scan# 6481
Delta R.T. -0.02 min
Lab File: BM022118.D
Acq: 14 Aug 2019 21:16

Instrument :
BNA_M
ClientSampleId :
CB5N5DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	27.0	40.4#
125	10.0	12.2	18.2#

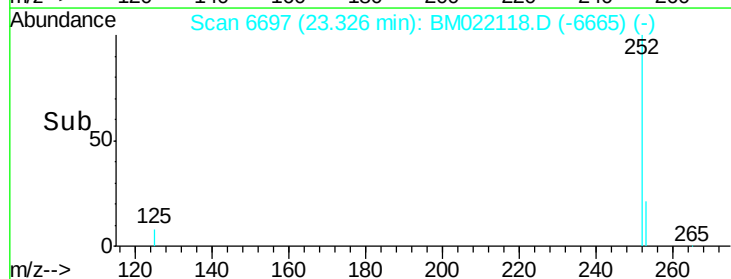
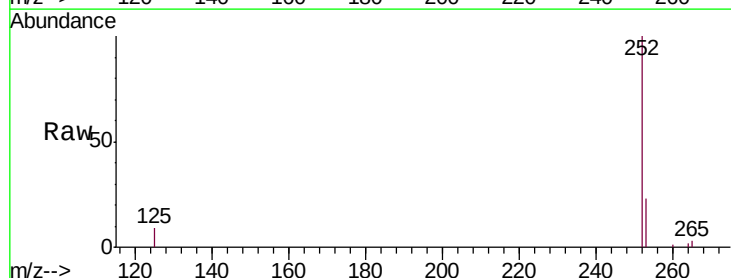
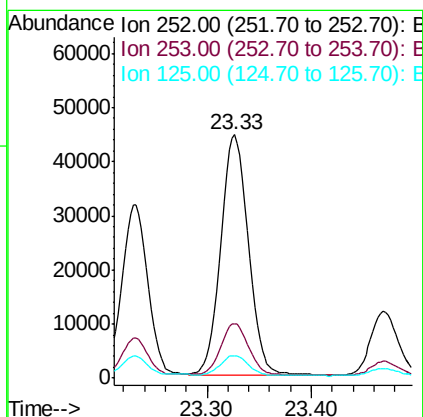
Manual Integrations
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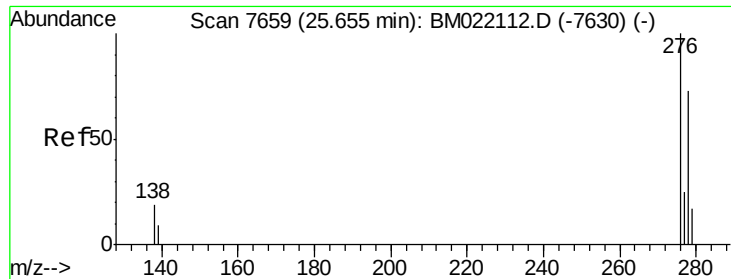
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#23
Benzo(a)pyrene
Concen: 4.708 ng/ul
RT: 23.33 min Scan# 6697
Delta R.T. -0.02 min
Lab File: BM022118.D
Acq: 14 Aug 2019 21:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	31.7	47.5#
125	9.2	14.6	21.8#





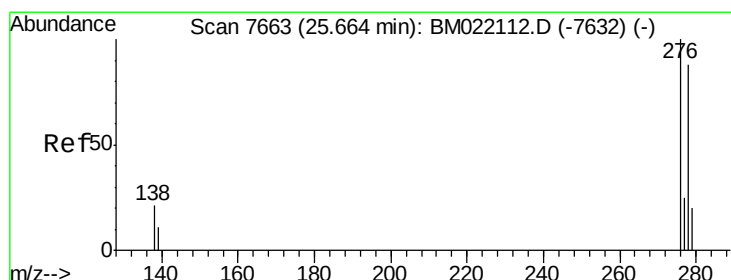
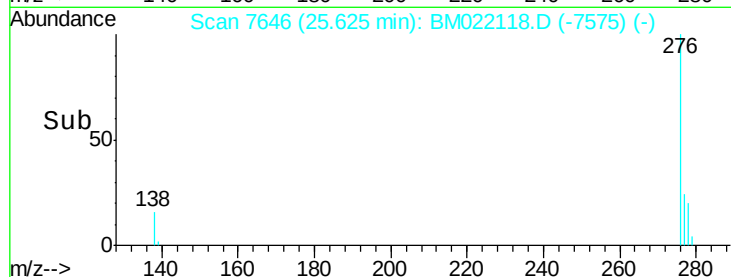
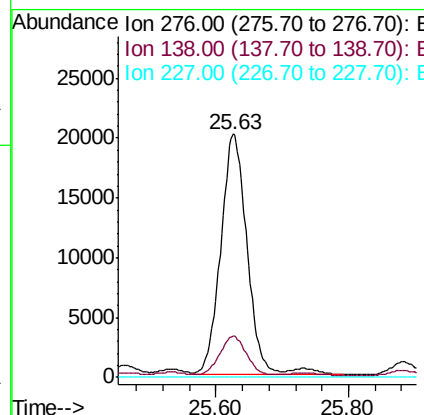
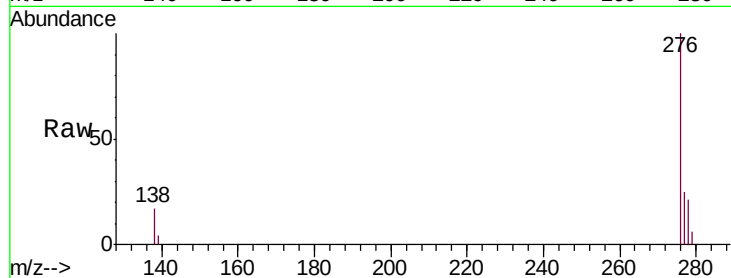
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.739 ng/ul
 RT: 25.63 min Scan# 7646
 Delta R.T. -0.03 min
 Lab File: BM022118.D
 Acq: 14 Aug 2019 21:16

Instrument :
 BNA_M
 ClientSampled :
 CB5N5DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	15.1	22.7
227	0.0	0.0	0.0

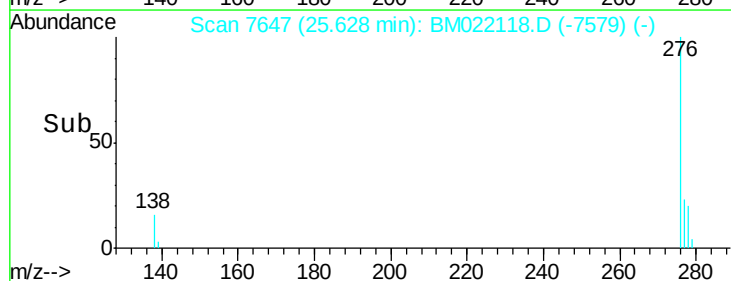
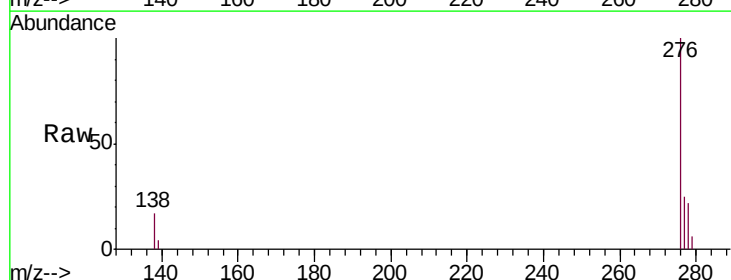
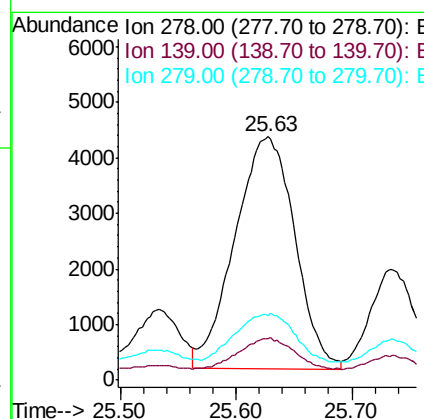
Manual Integrations
 APPROVED

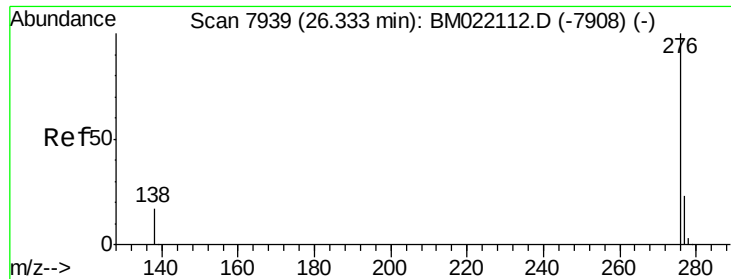
mohammad
 8/15/2019 5:09:36 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.907 ng/ul m
 RT: 25.63 min Scan# 7647
 Delta R.T. -0.04 min
 Lab File: BM022118.D
 Acq: 14 Aug 2019 21:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.2	21.2
279	26.7	28.3	42.5#





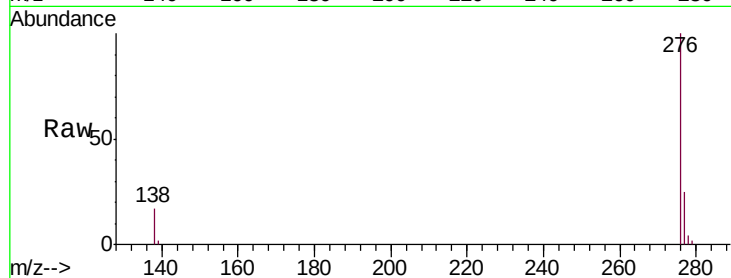
#26
 Benzo(g,h,i)perylene
 Concen: 2.416 ng/ul
 RT: 26.30 min Scan# 7926
 Delta R.T. -0.03 min
 Lab File: BM022118.D
 Acq: 14 Aug 2019 21:16

Instrument :
 BNA_M
 ClientSampleId :
 CB5N5DL

Tgt	Ion	276	Resp:	44602
	Ion	Ratio	Lower	Upper
	276	100		
	138	17.4	15.5	23.3
	277	24.7	21.4	32.2

Manual Integrations
 APPROVED

mohammad
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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

