

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022117.D
 Acq On : 14 Aug 2019 20:39
 Operator : HP/JU
 Sample : K4304-03DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N4DL

Manual Integrations
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mohammad
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Quant Time: Aug 15 11:13:32 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	1017	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	4137	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	2146	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	4531	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4612	0.40	ng/ul	-0.01
20) Perylene-d12	23.42	264	4740	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	456	0.07	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	1105	0.07	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.43	128	4717	0.404	ng/ul	95
5) 2-Methylnaphthalene	12.07	142	1776	0.228	ng/ul	96
7) Acenaphthylene	13.98	152	2462	0.246	ng/ul#	84
8) Acenaphthene	14.32	153	2777	0.339	ng/ul	97
9) Fluorene	15.32	166	3489	0.384	ng/ul	97
12) Phenanthrene	17.05	178	68304	5.181	ng/ul	96
13) Anthracene	17.15	178	16675	1.483	ng/ul	95
15) Fluoranthene	19.08	202	133345	7.551	ng/ul	96
17) Pyrene	19.45	202	108274	5.713	ng/ul	98
18) Benzo(a)anthracene	21.20	228	59669	3.617	ng/ul	99
19) Chrysene	21.25	228	59088	2.785	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	73644m	4.607	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	27962m	1.546	ng/ul	
23) Benzo(a)pyrene	23.33	252	45852	2.821	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.63	276	29582	1.524	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.63	278	8407	0.536	ng/ul	94
26) Benzo(g,h,i)perylene	26.31	276	25759	1.474	ng/ul	98

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

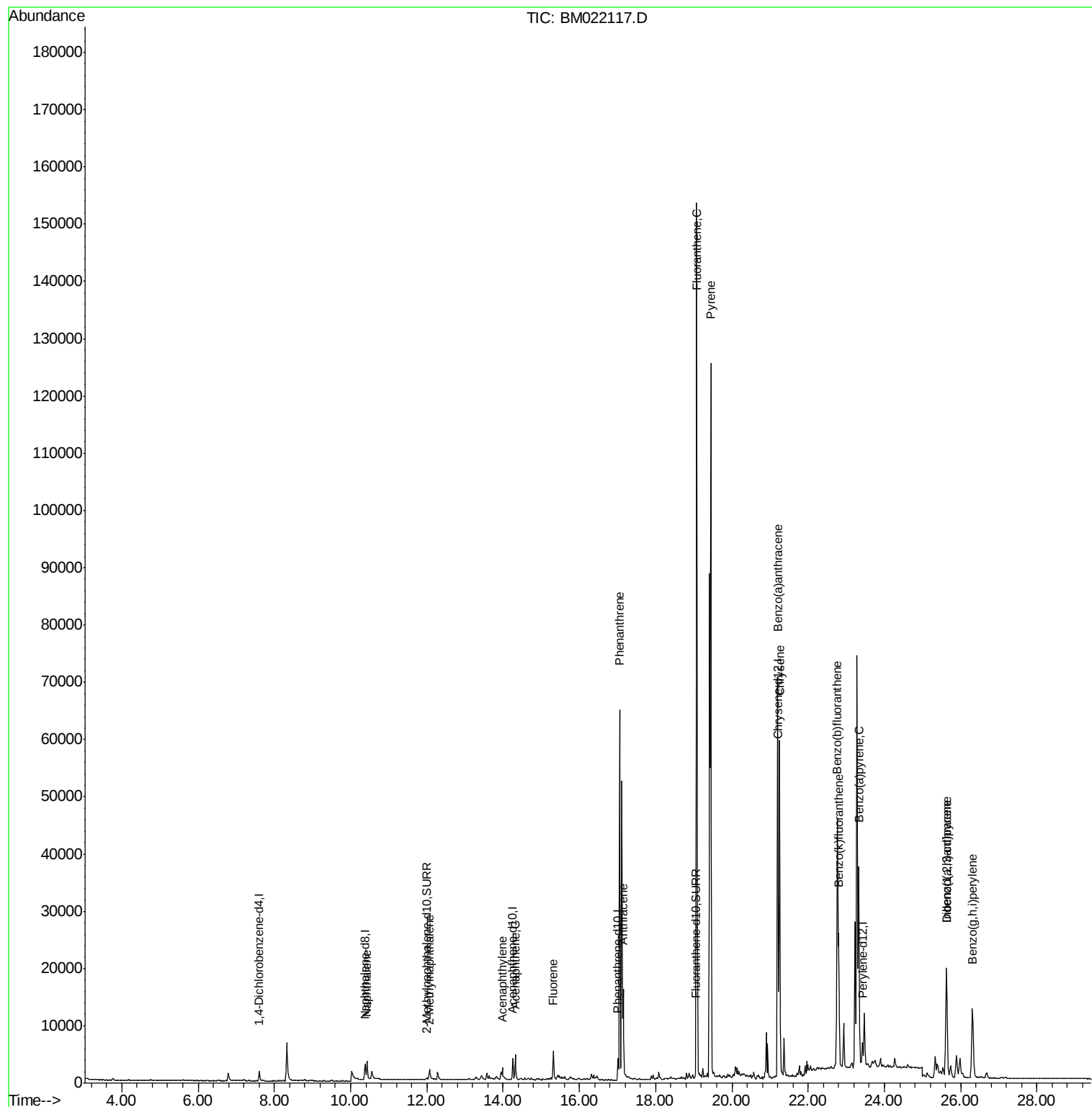
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022117.D
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ALS Vial : 20 Sample Multiplier: 1

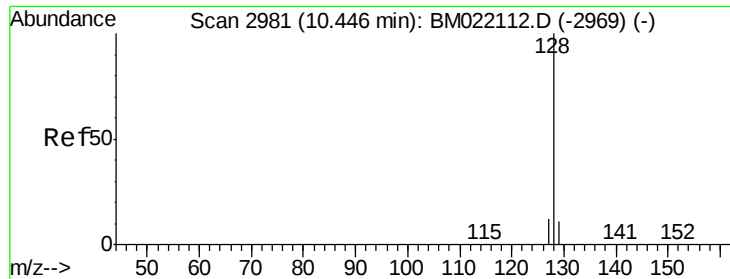
Instrument :
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Quant Time: Aug 15 11:13:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.404 ng/ul

RT: 10.43 min Scan# 2977

Delta R.T. -0.02 min

Lab File: BM022117.D

Acq: 14 Aug 2019 20:39

Instrument :

BNA_M

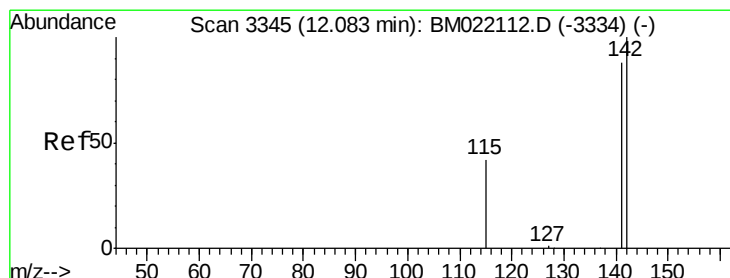
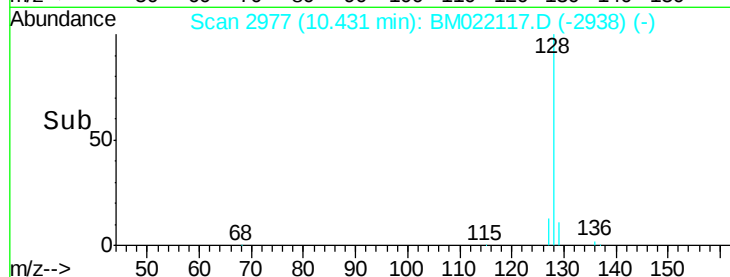
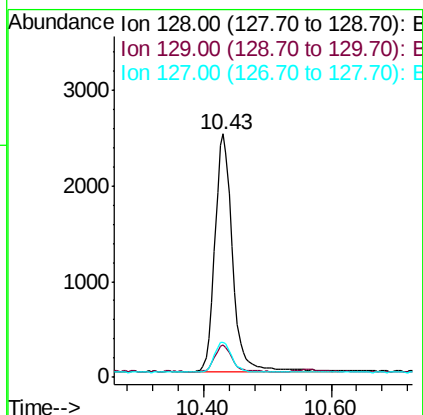
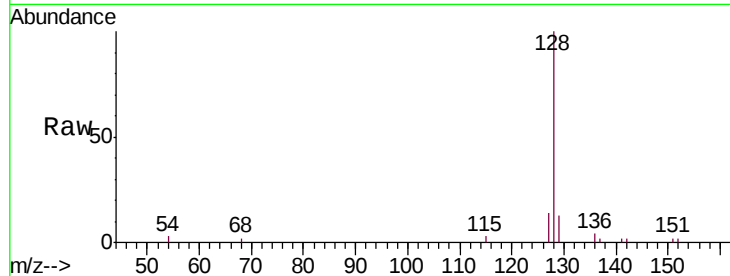
ClientSampleId :

CB5N4DL

Tgt Ion:	128	Resp:	4717
Ion	Ratio	Lower	Upper
128	100		
129	13.2	12.3	18.5
127	14.3	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.228 ng/ul

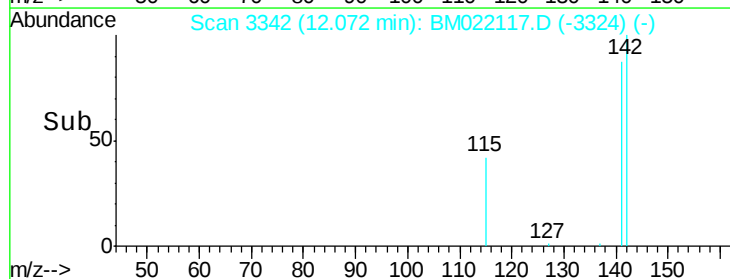
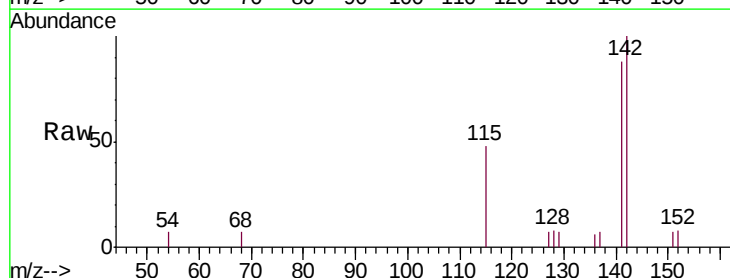
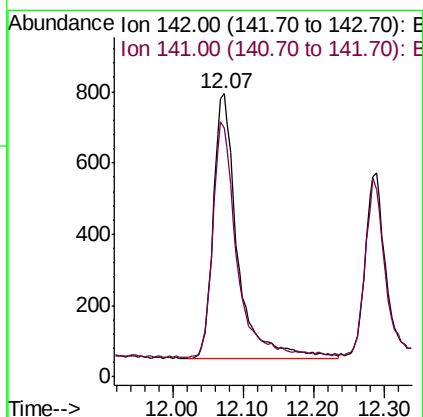
RT: 12.07 min Scan# 3342

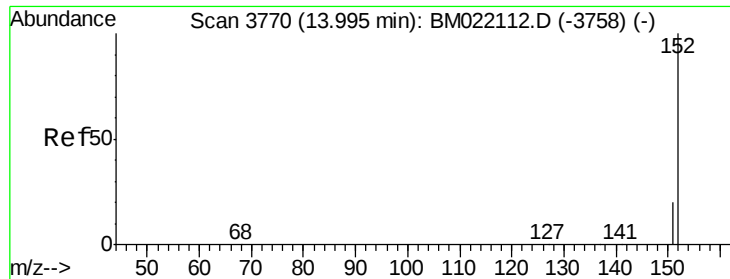
Delta R.T. -0.02 min

Lab File: BM022117.D

Acq: 14 Aug 2019 20:39

Tgt Ion:	142	Resp:	1776
Ion	Ratio	Lower	Upper
142	100		
141	88.8	74.3	111.5





#7

Acenaphthylene

Concen: 0.246 ng/ul

RT: 13.98 min Scan# 3766

Delta R.T. -0.02 min

Lab File: BM022117.D

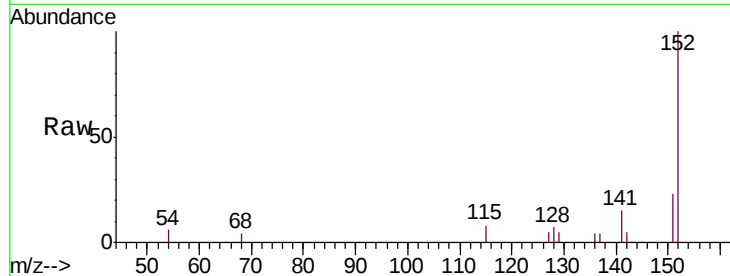
Acq: 14 Aug 2019 20:39

Instrument :

BNA_M

ClientSampleId :

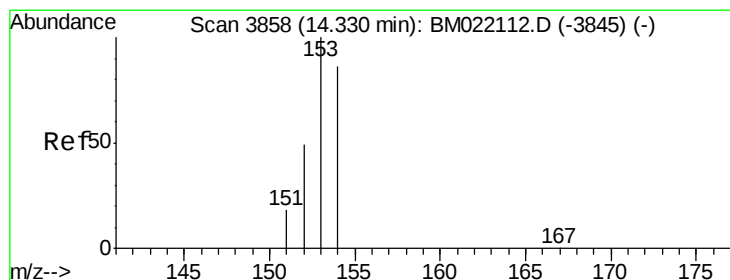
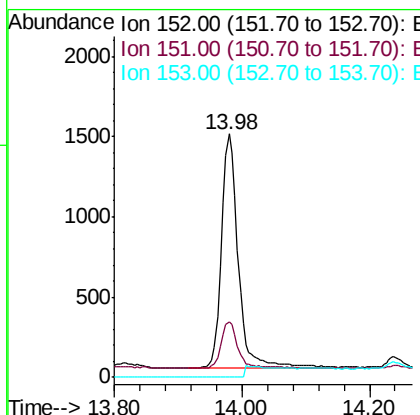
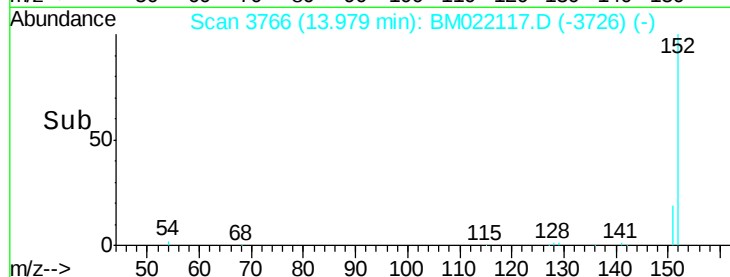
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Tgt Ion:	152	Resp:	2462
Ion Ratio	Lower	Upper	
152	100		
151	22.6	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.339 ng/ul

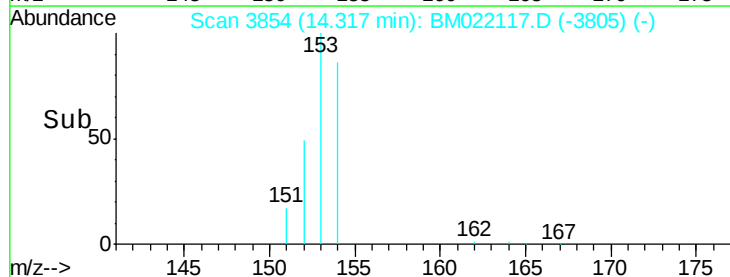
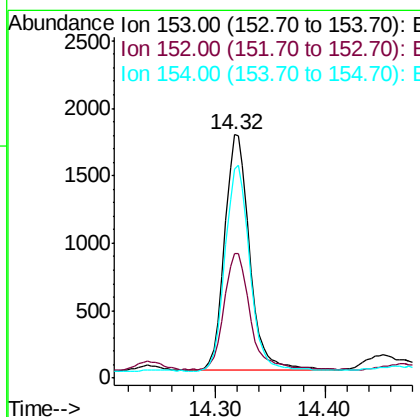
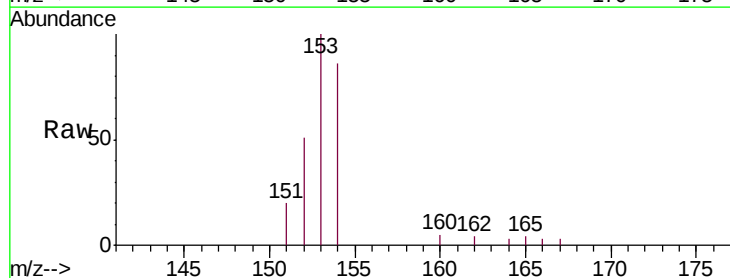
RT: 14.32 min Scan# 3854

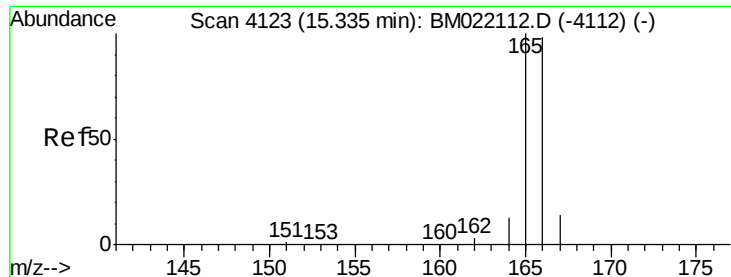
Delta R.T. -0.02 min

Lab File: BM022117.D

Acq: 14 Aug 2019 20:39

Tgt Ion:	153	Resp:	2777
Ion Ratio	Lower	Upper	
153	100		
152	50.9	41.3	61.9
154	86.0	72.3	108.5





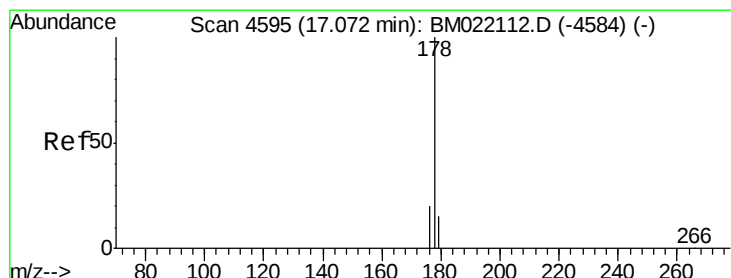
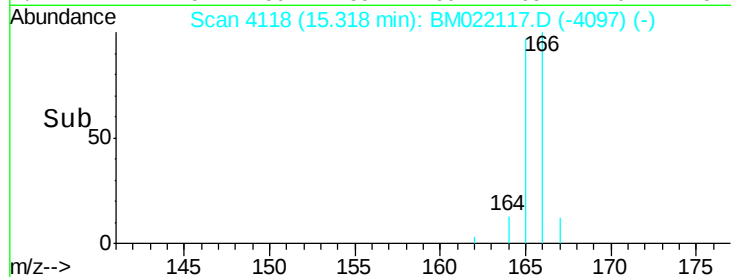
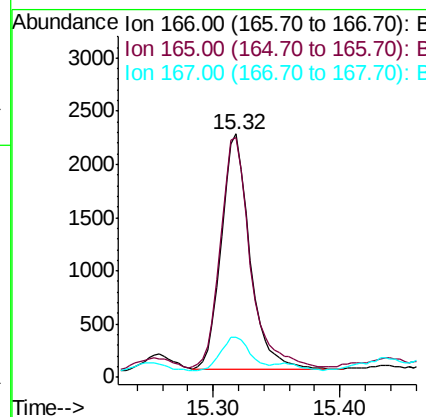
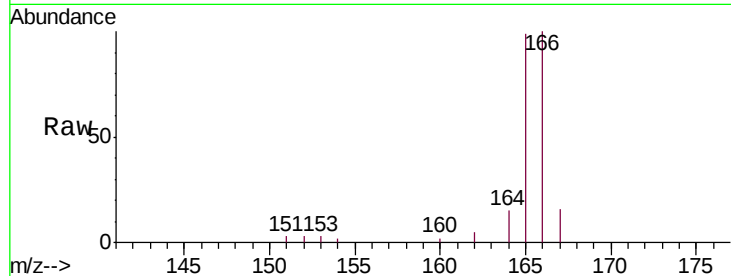
#9
Fluorene
 Concen: 0.384 ng/ul
 RT: 15.32 min Scan# 4118
 Delta R.T. -0.02 min
 Lab File: BM022117.D
 Acq: 14 Aug 2019 20:39

Instrument :
 BNA_M
 ClientSampleId :
 CB5N4DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	3489		
165	98.6	81.4	122.0	
167	16.4	13.7	20.5	

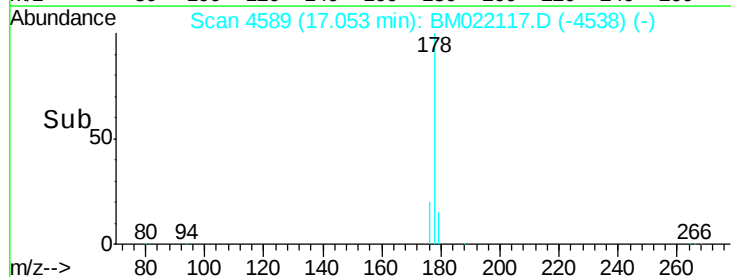
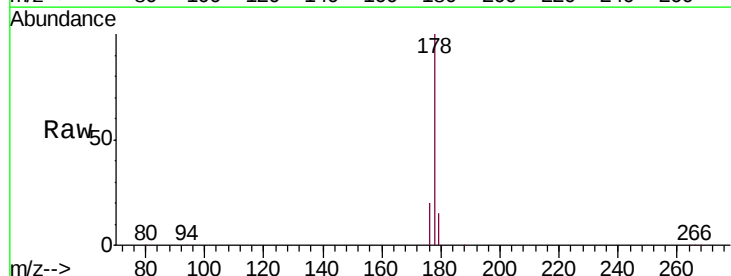
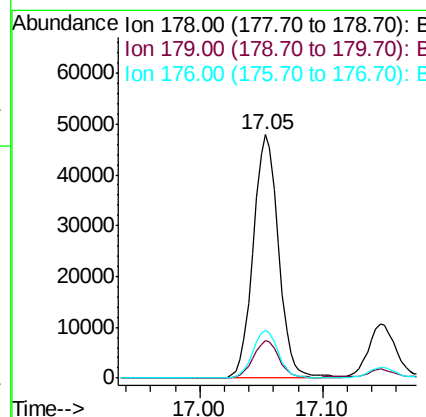
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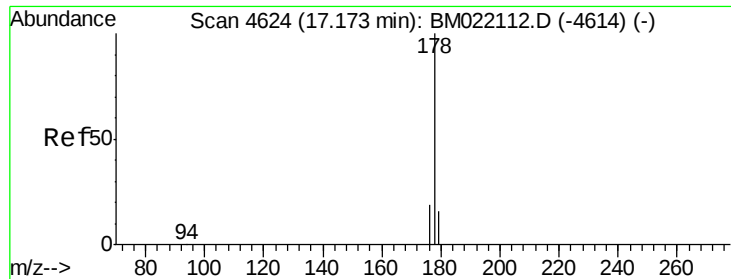
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#12
Phenanthrene
 Concen: 5.181 ng/ul
 RT: 17.05 min Scan# 4589
 Delta R.T. -0.02 min
 Lab File: BM022117.D
 Acq: 14 Aug 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	68304		
179	15.4	14.2	21.2	
176	19.9	16.8	25.2	





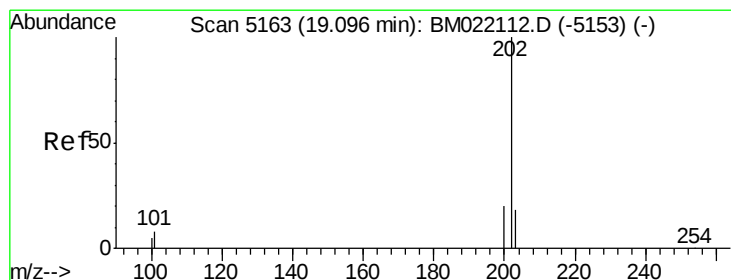
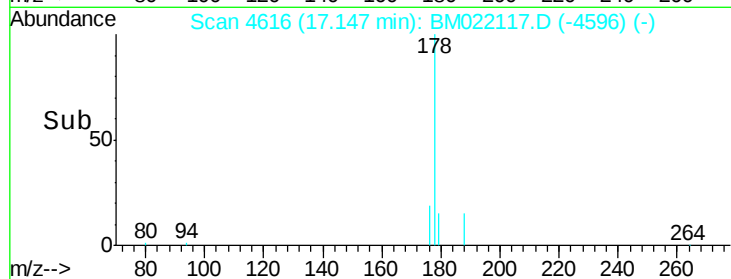
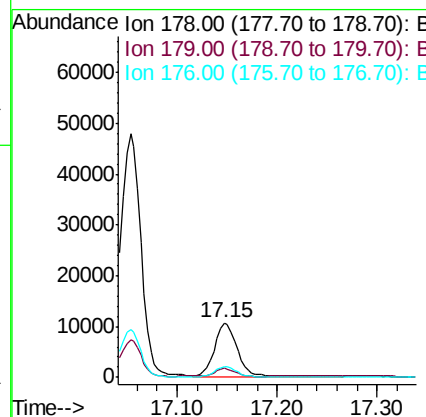
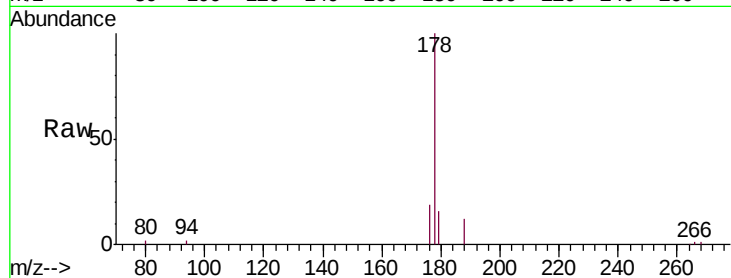
#13
 Anthracene
 Concen: 1.483 ng/ul
 RT: 17.15 min Scan# 4616
 Delta R.T. -0.03 min
 Lab File: BM022117.D
 Acq: 14 Aug 2019 20:39

Instrument :
 BNA_M
 ClientSampleId :
 CB5N4DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	15.5	23.3
176	19.3	16.6	25.0

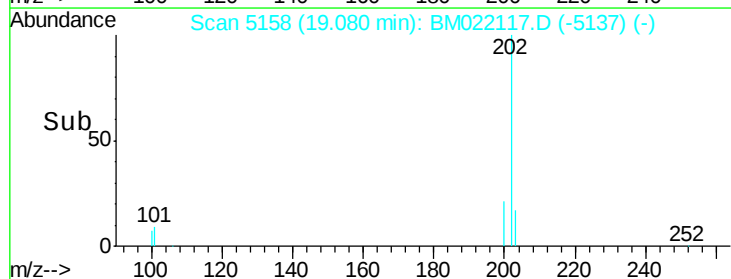
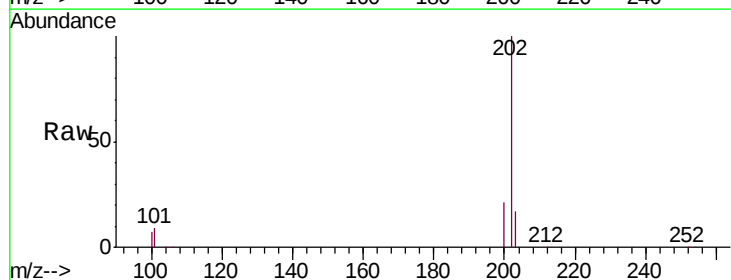
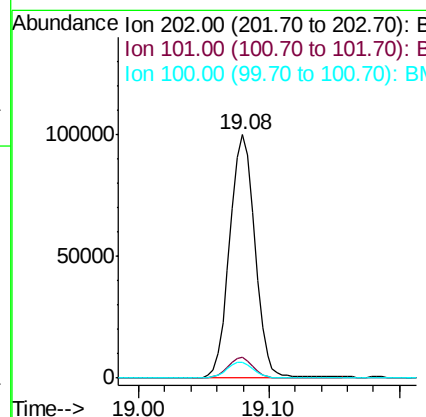
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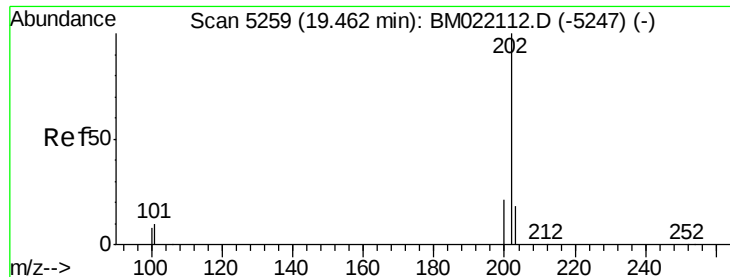
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#15
 Fluoranthene
 Concen: 7.551 ng/ul
 RT: 19.08 min Scan# 5158
 Delta R.T. -0.02 min
 Lab File: BM022117.D
 Acq: 14 Aug 2019 20:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.2
100	6.6	0.0	28.1





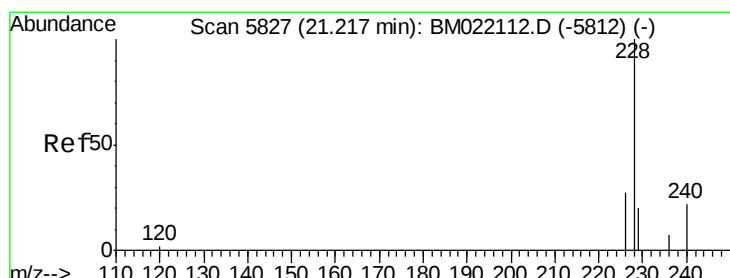
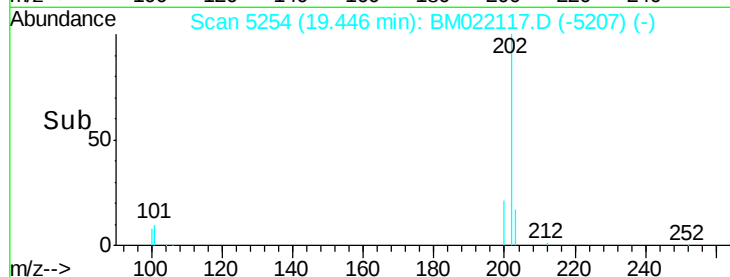
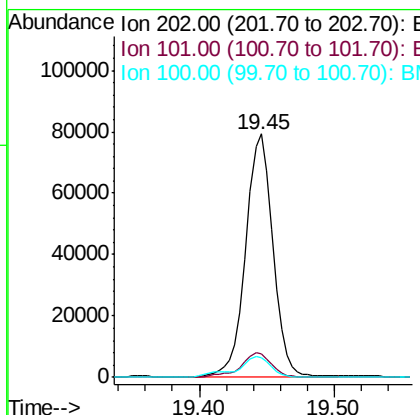
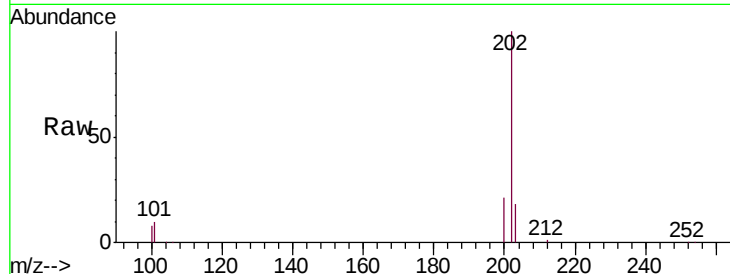
#17
Pyrene
Concen: 5.713 ng/ul
RT: 19.45 min Scan# 5254
Delta R.T. -0.02 min
Lab File: BM022117.D
Acq: 14 Aug 2019 20:39

Instrument :
BNA_M
ClientSampleId :
CB5N4DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.8	8.3	12.5
100	8.2	7.2	10.8

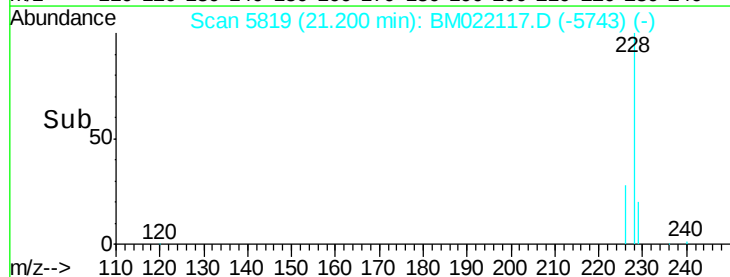
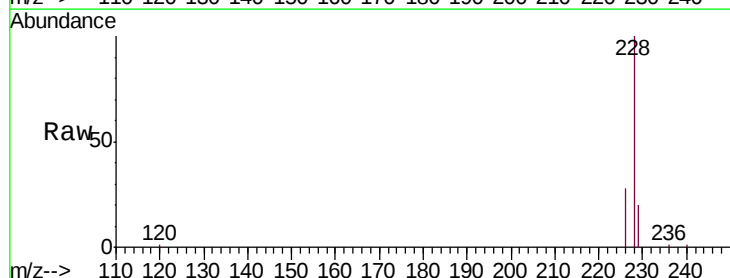
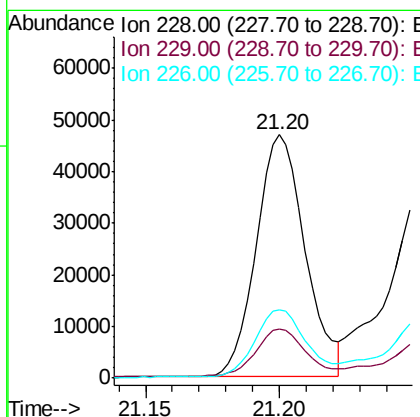
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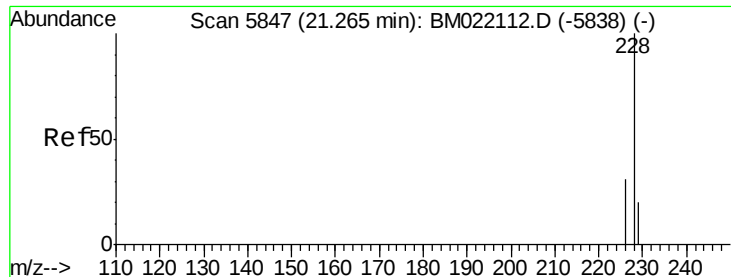
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#18
Benzo(a)anthracene
Concen: 3.617 ng/ul
RT: 21.20 min Scan# 5819
Delta R.T. -0.02 min
Lab File: BM022117.D
Acq: 14 Aug 2019 20:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.1	17.2	25.8
226	28.2	22.6	34.0





#19

Chrysene

Concen: 2.785 ng/ul

RT: 21.25 min Scan# 5841

Delta R.T. -0.02 min

Lab File: BM022117.D

Acq: 14 Aug 2019 20:39

Instrument :

BNA_M

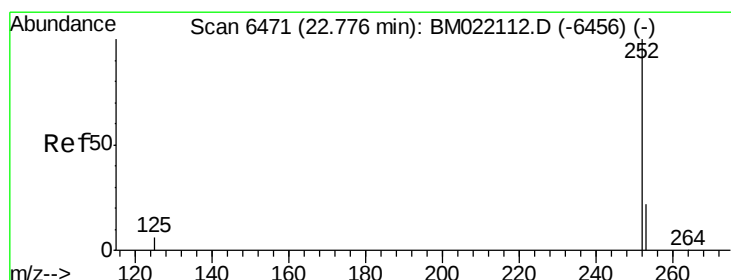
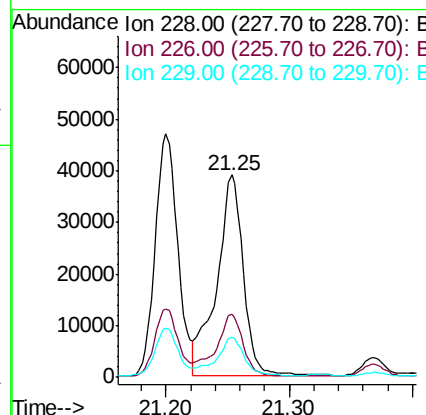
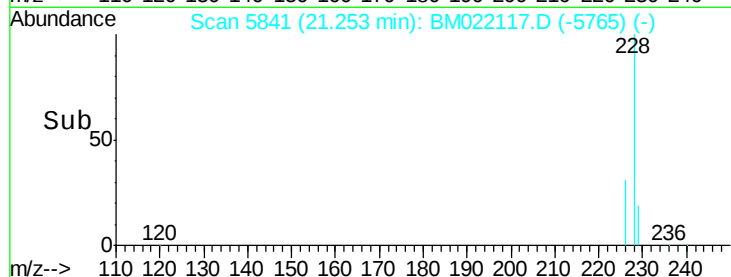
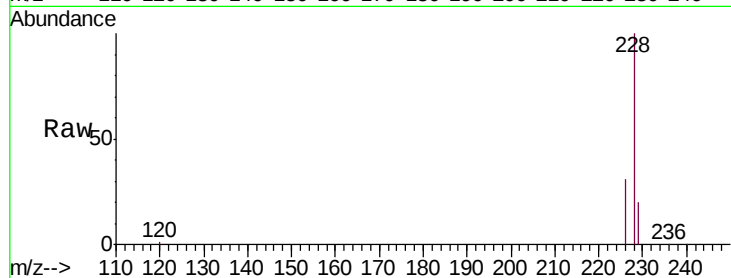
ClientSampleId :

CB5N4DL

Tgt Ion:	228	Resp:	59088
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.9	37.3
229	20.0	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 4.607 ng/ul m

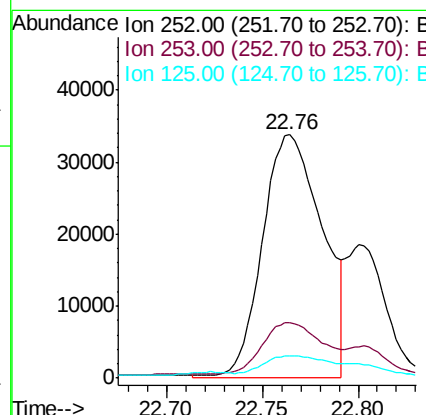
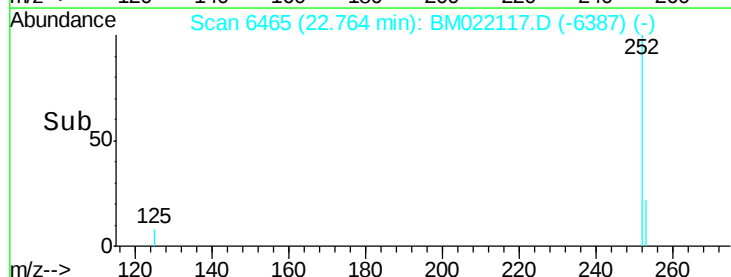
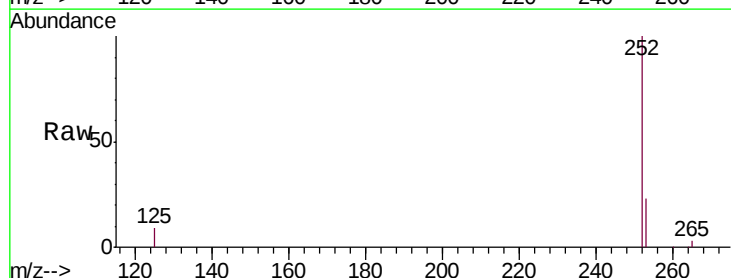
RT: 22.76 min Scan# 6465

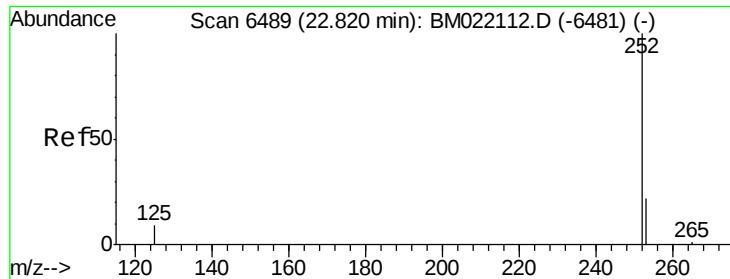
Delta R.T. -0.01 min

Lab File: BM022117.D

Acq: 14 Aug 2019 20:39

Tgt Ion:	252	Resp:	73644
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	67.4
125	9.2	0.0	31.0





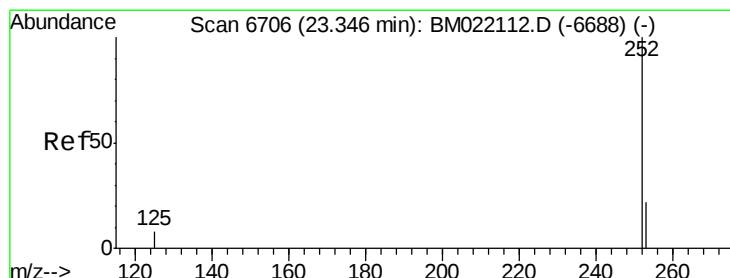
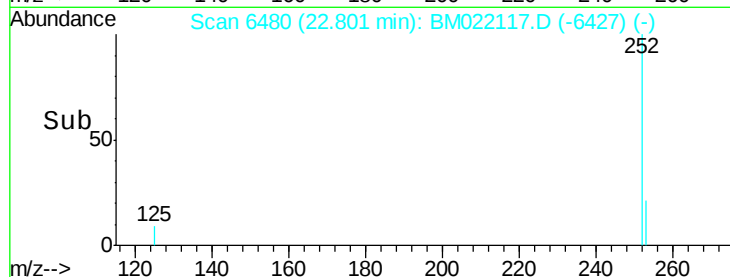
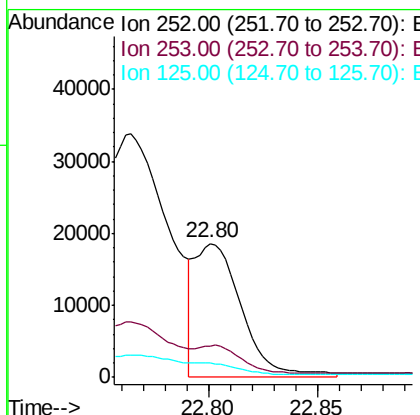
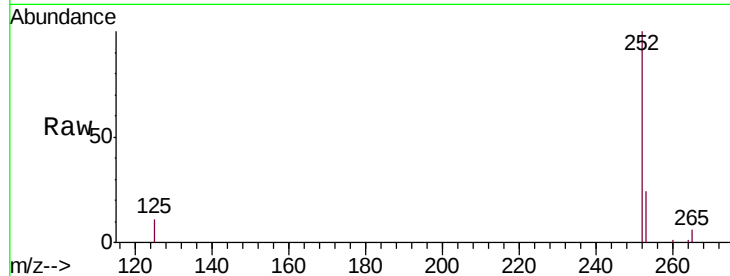
#22
Benzo(k)fluoranthene
Concen: 1.546 ng/ul m
RT: 22.80 min Scan# 6480
Delta R.T. -0.02 min
Lab File: BM022117.D
Acq: 14 Aug 2019 20:39

Instrument :
BNA_M
ClientSampleId :
CB5N4DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	27.0	40.4#
125	10.6	12.2	18.2#

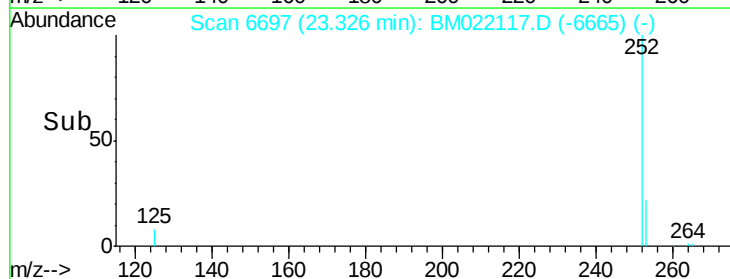
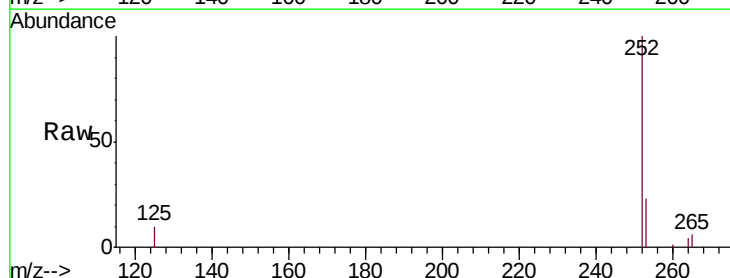
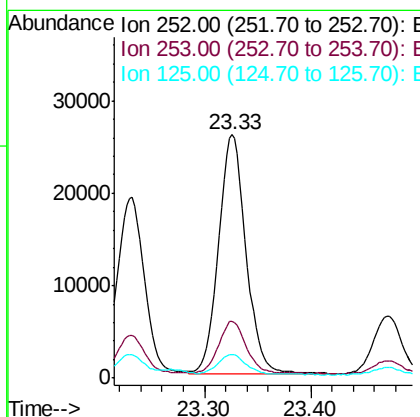
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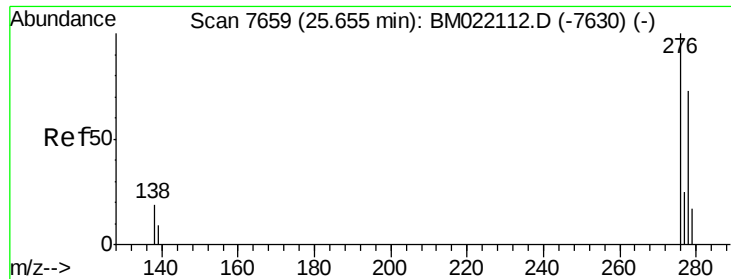
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#23
Benzo(a)pyrene
Concen: 2.821 ng/ul
RT: 23.33 min Scan# 6697
Delta R.T. -0.02 min
Lab File: BM022117.D
Acq: 14 Aug 2019 20:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	31.7	47.5#
125	9.8	14.6	21.8#





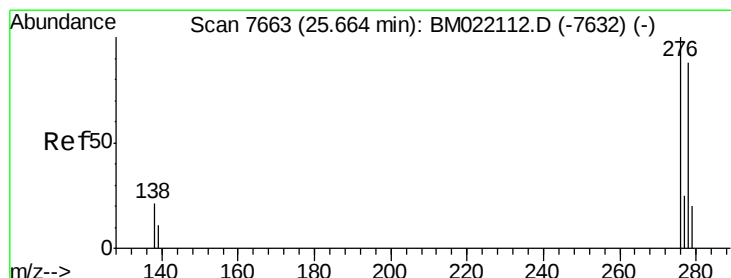
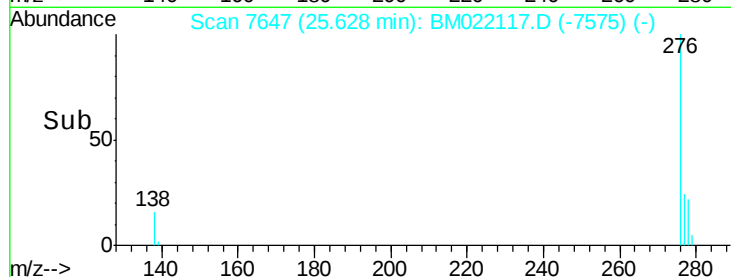
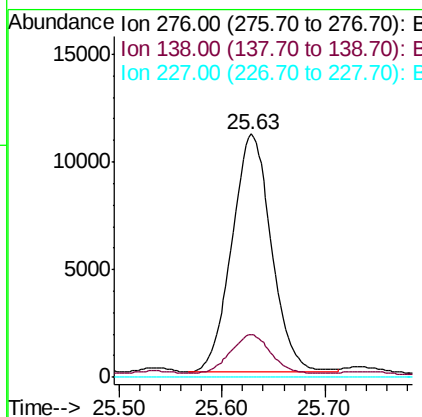
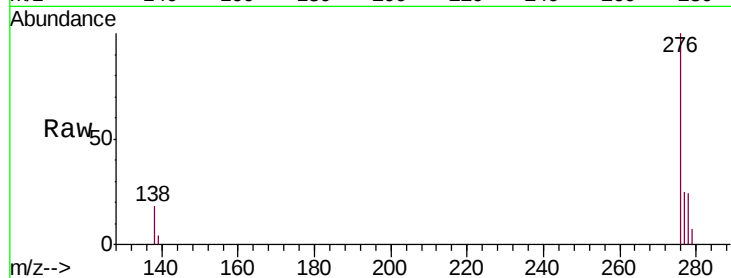
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.524 ng/u1
 RT: 25.63 min Scan# 7647
 Delta R.T. -0.03 min
 Lab File: BM022117.D
 Acq: 14 Aug 2019 20:39

Instrument :
 BNA_M
 ClientSampleId :
 CB5N4DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	15.1	22.7
227	0.0	0.0	0.0

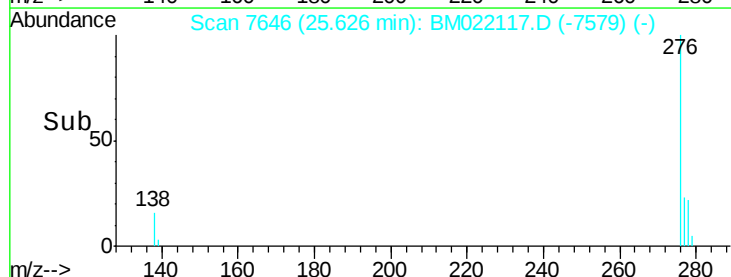
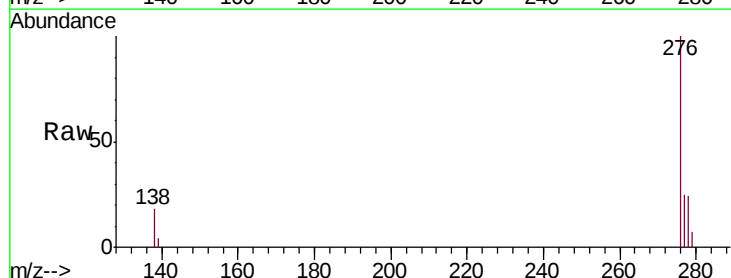
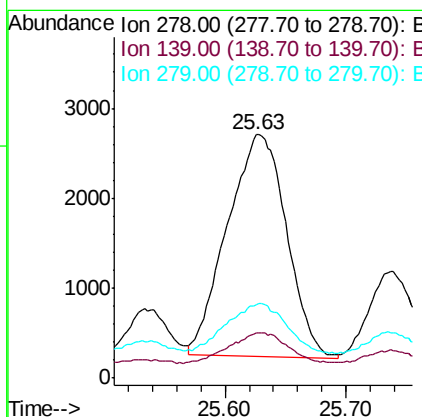
Manual Integrations
 APPROVED

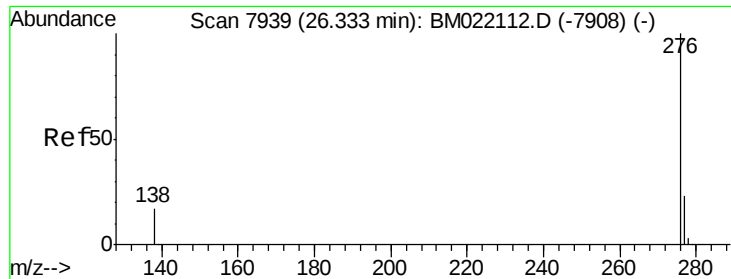
mohammad
 8/15/2019 5:09:28 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.536 ng/u1
 RT: 25.63 min Scan# 7646
 Delta R.T. -0.04 min
 Lab File: BM022117.D
 Acq: 14 Aug 2019 20:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.2	21.2
279	30.2	28.3	42.5





#26
Benzo(g,h,i)perylene
Concen: 1.474 ng/ul
RT: 26.31 min Scan# 7928
Delta R.T. -0.03 min
Lab File: BM022117.D
Acq: 14 Aug 2019 20:39

Instrument :
BNA_M
ClientSampleId :
CB5N4DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.5	23.3
277	25.7	21.4	32.2

Manual Integrations
APPROVED

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