

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM022007.D
 Acq On : 10 Aug 2019 22:35
 Operator : HP/JU
 Sample : K4028-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP68

Manual Integrations
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Sohil
 8/13/2019 8:34:17 AM

Quant Time: Aug 11 02:58:43 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 : Sun Aug 11 01:49:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	654	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	2689	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1452	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	3660m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3792m	0.40	ng/ul	-0.02
20) Perylene-d12	23.44	264	3952m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	879	0.20	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	2995m	0.24	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.44	128	3388	0.446	ng/ul	97
5) 2-Methylnaphthalene	12.07	142	2106	0.416	ng/ul	98
7) Acenaphthylene	13.99	152	9916	1.464	ng/ul#	82
8) Acenaphthene	14.32	153	5370	0.969	ng/ul	95
9) Fluorene	15.32	166	6022	0.979	ng/ul	100
11) Pentachlorophenol	16.69	266	118m	0.175	ng/ul	
12) Phenanthrene	17.06	178	134061m	12.589	ng/ul	
13) Anthracene	17.15	178	34597m	3.808	ng/ul	
15) Fluoranthene	19.09	202	339845m	23.823	ng/ul	
17) Pyrene	19.45	202	434758	27.900	ng/ul	98
18) Benzo(a)anthracene	21.21	228	293493m	21.638	ng/ul	
19) Chrysene	21.26	228	296971	17.024	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	321619m	24.133	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	115912m	7.686	ng/ul	
23) Benzo(a)pyrene	23.34	252	274164m	20.229	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.64	276	154090m	9.522	ng/ul	
25) Dibenzo(a,h)anthracene	25.64	278	49209m	3.762	ng/ul	
26) Benzo(g,h,i)perylene	26.32	276	163099m	11.195	ng/ul	

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

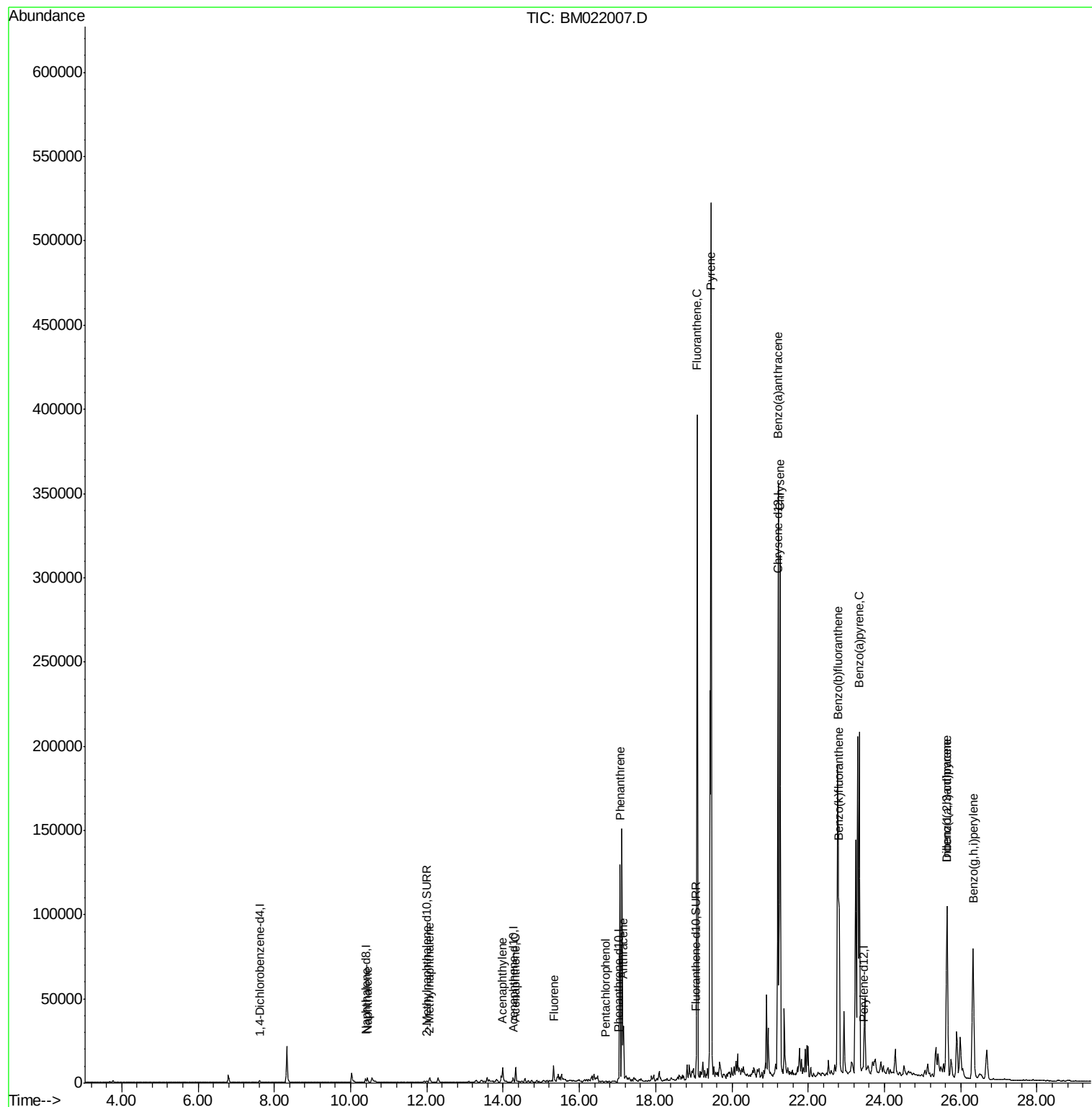
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM022007.D
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Sample : K4028-02
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ALS Vial : 44 Sample Multiplier: 1

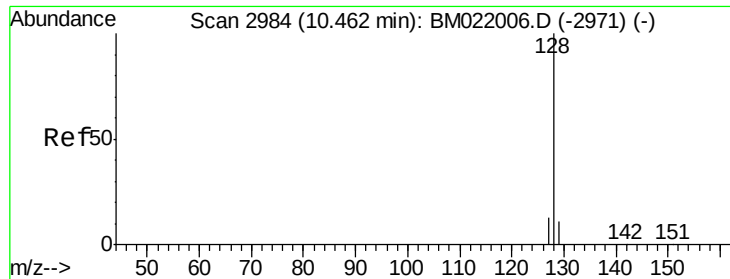
Instrument :
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BEP68

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Quant Time: Aug 11 02:58:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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#3

Naphthalene

Concen: 0.446 ng/ul

RT: 10.44 min Scan# 2979

Delta R.T. -0.02 min

Lab File: BM022007.D

Acq: 10 Aug 2019 22:35

Instrument :

BNA_M

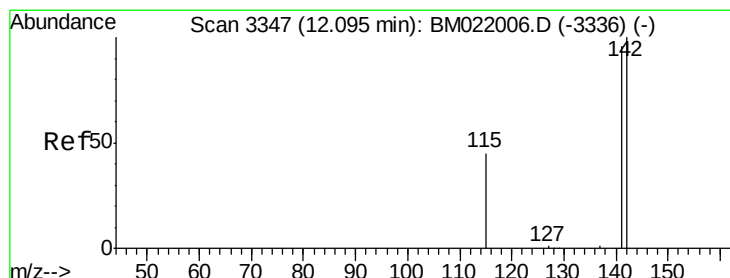
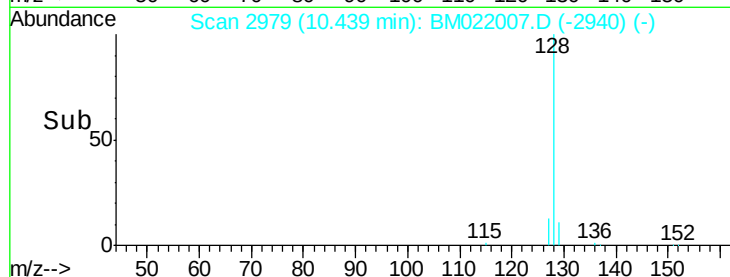
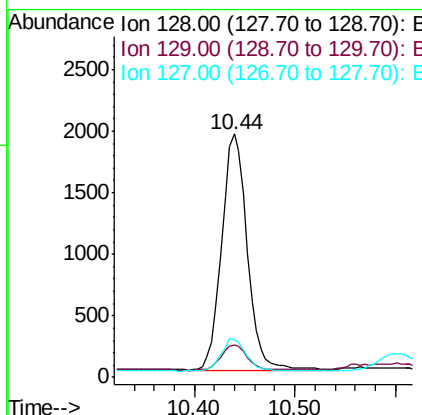
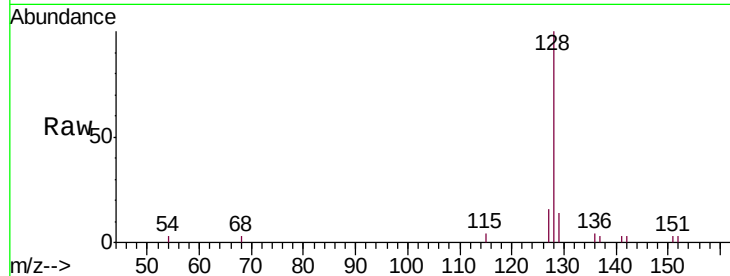
ClientSampled :

BEP68

Tgt Ion:	128	Resp:	3388
Ion Ratio	Lower	Upper	
128	100		
129	13.5	12.3	18.5
127	15.5	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.416 ng/ul

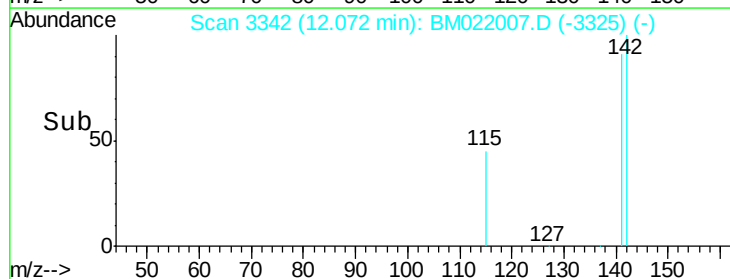
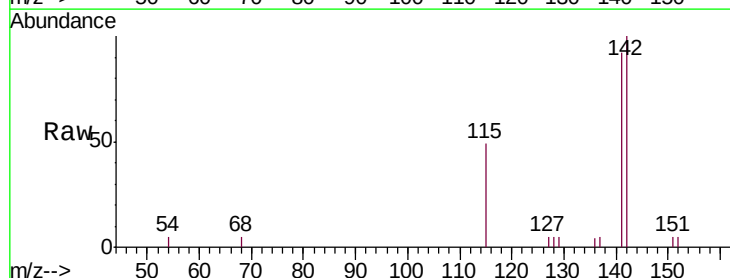
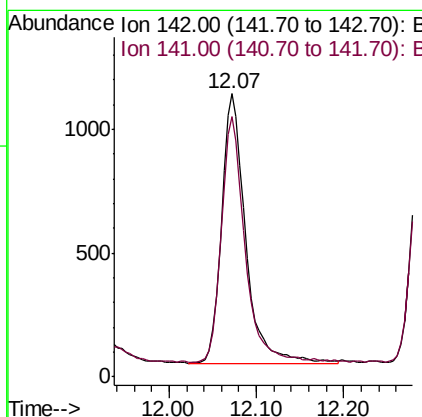
RT: 12.07 min Scan# 3342

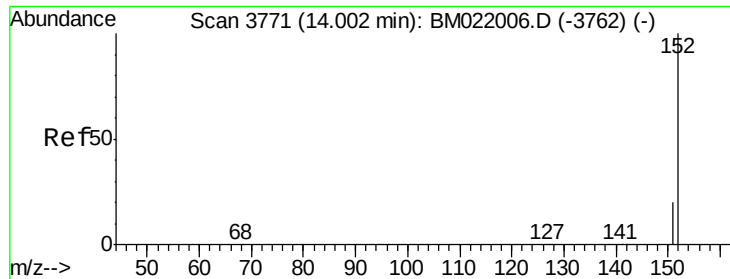
Delta R.T. -0.02 min

Lab File: BM022007.D

Acq: 10 Aug 2019 22:35

Tgt Ion:	142	Resp:	2106
Ion Ratio	Lower	Upper	
142	100		
141	90.6	74.3	111.5





#7

Acenaphthylene

Concen: 1.464 ng/ul

RT: 13.99 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BM022007.D

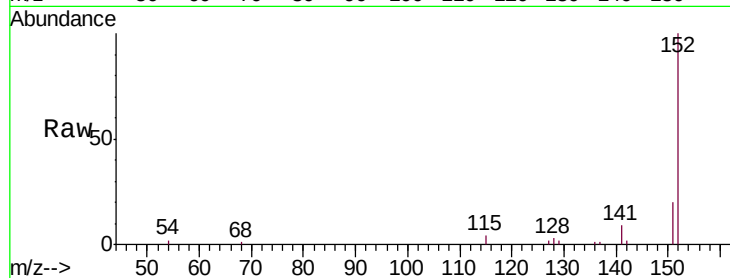
Acq: 10 Aug 2019 22:35

Instrument :

BNA_M

ClientSampleId :

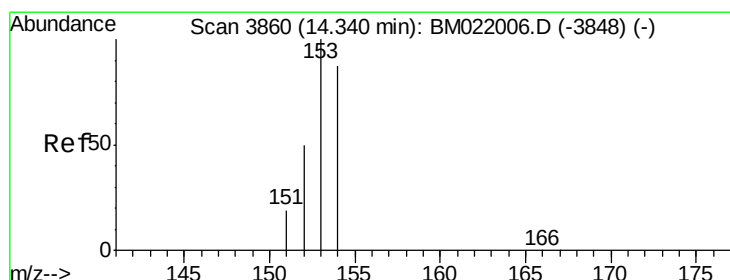
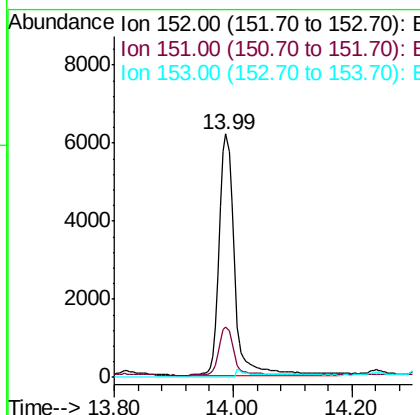
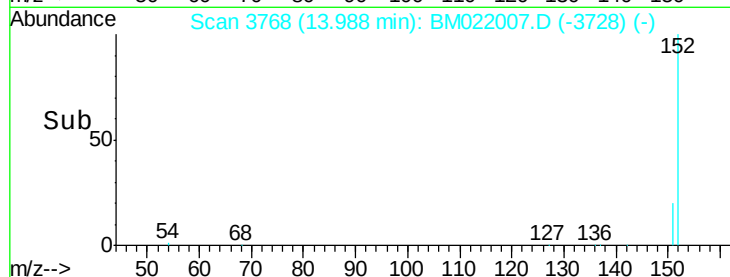
BEP68



Tgt Ion:	152	Resp:	9916
Ion Ratio	Lower	Upper	
152	100		
151	20.4	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.969 ng/ul

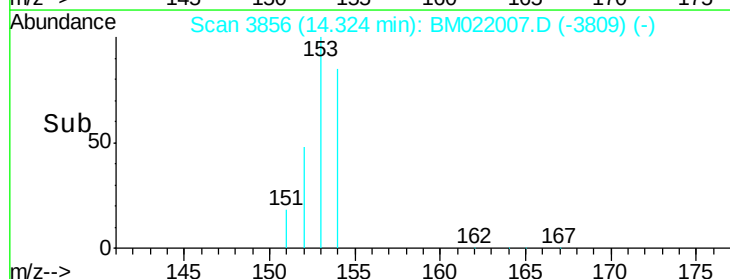
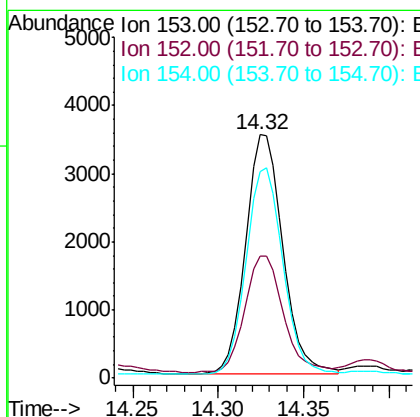
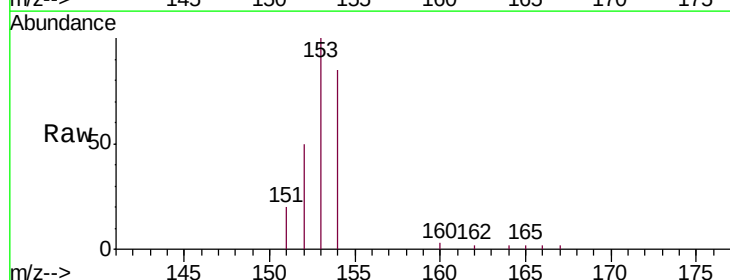
RT: 14.32 min Scan# 3856

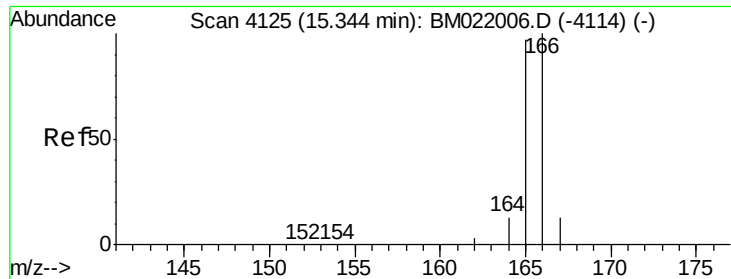
Delta R.T. -0.02 min

Lab File: BM022007.D

Acq: 10 Aug 2019 22:35

Tgt Ion:	153	Resp:	5370
Ion Ratio	Lower	Upper	
153	100		
152	50.1	41.3	61.9
154	84.9	72.3	108.5





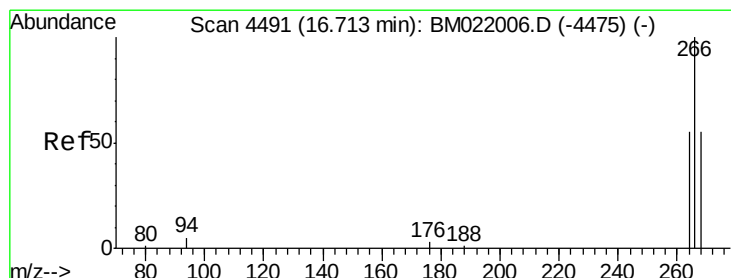
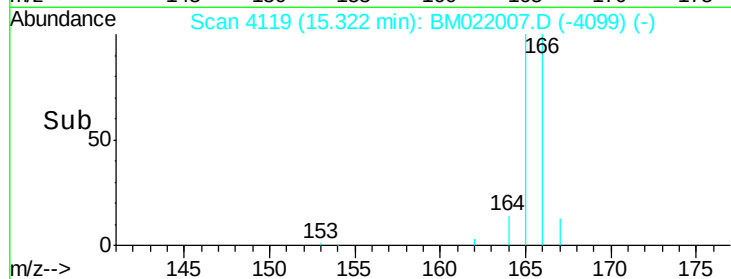
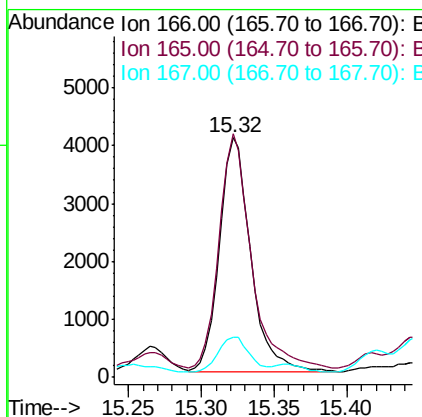
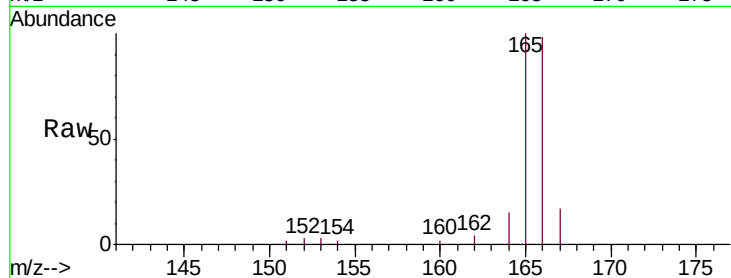
#9
Fluorene
 Concen: 0.979 ng/ul
 RT: 15.32 min Scan# 4119
 Delta R.T. -0.02 min
 Lab File: BM022007.D
 Acq: 10 Aug 2019 22:35

Instrument :
 BNA_M
 ClientSampleId :
 BEP68

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.7	81.4	122.0
167	17.0	13.7	20.5

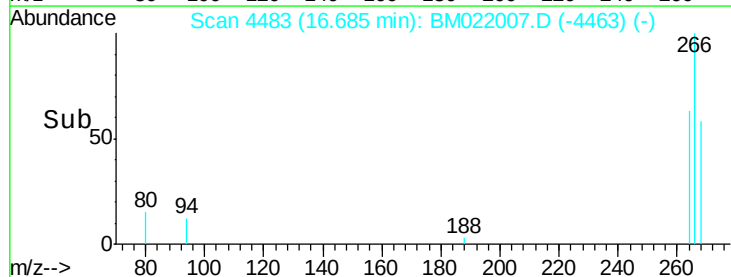
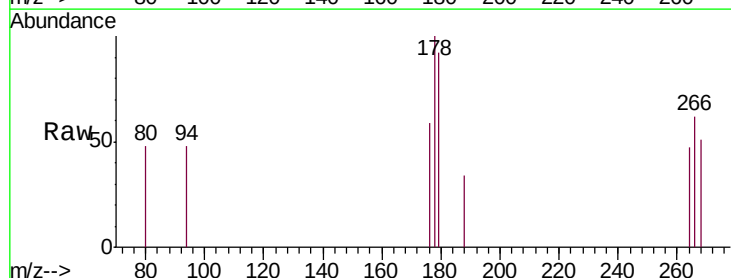
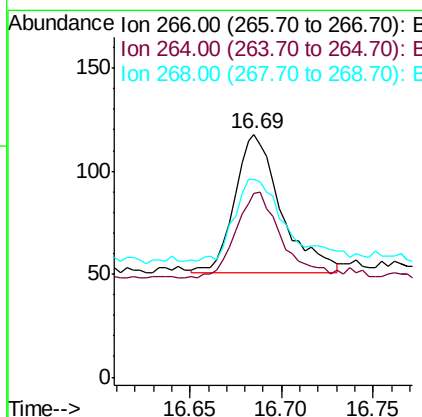
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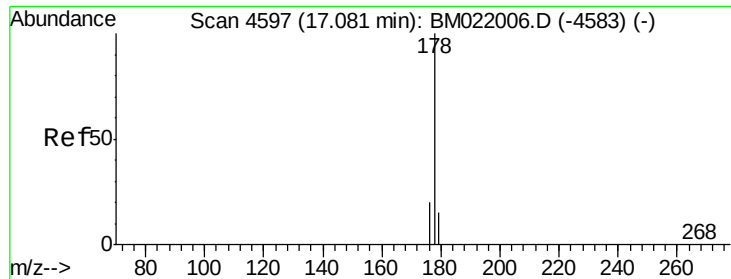
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#11
Pentachlorophenol
 Concen: 0.175 ng/ul m
 RT: 16.69 min Scan# 4483
 Delta R.T. -0.03 min
 Lab File: BM022007.D
 Acq: 10 Aug 2019 22:35

Tgt Ion	Ratio	Lower	Upper
266	100		
264	2.5	54.2	81.2#
268	2.5	57.6	86.4#





#12

Phenanthrene

Concen: 12.589 ng/ul m

RT: 17.06 min Scan# 4592

Delta R.T. -0.02 min

Lab File: BM022007.D

Acq: 10 Aug 2019 22:35

Instrument :

BNA_M

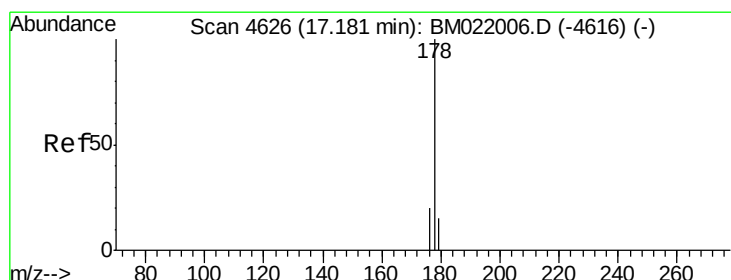
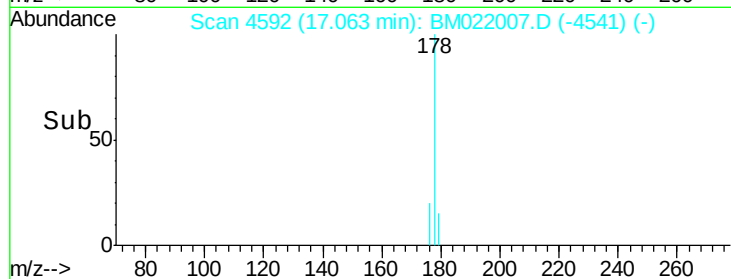
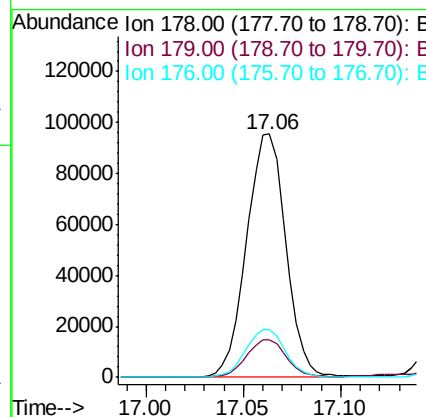
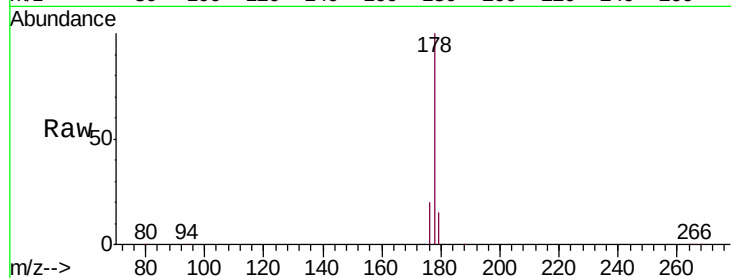
ClientSampleId :

BEP68

Tgt Ion:	178	Resp:	134061
Ion Ratio	Lower	Upper	
178	100		
179	15.5	14.2	21.2
176	19.6	16.8	25.2

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#13

Anthracene

Concen: 3.808 ng/ul m

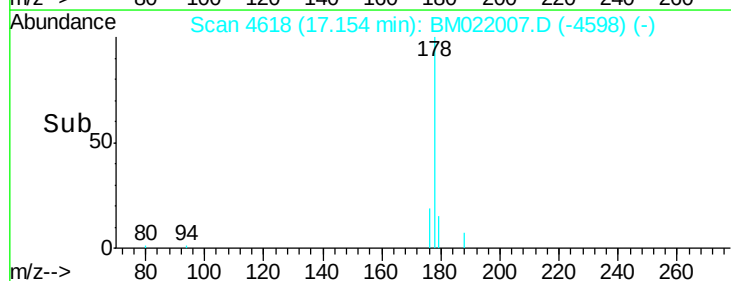
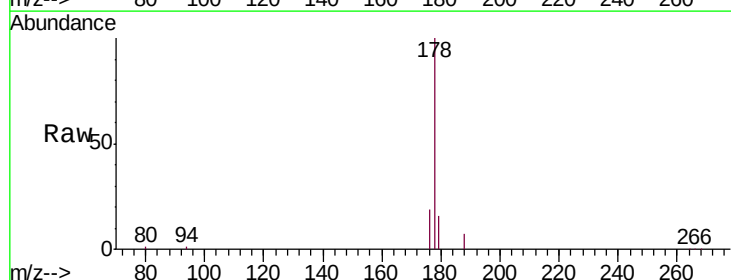
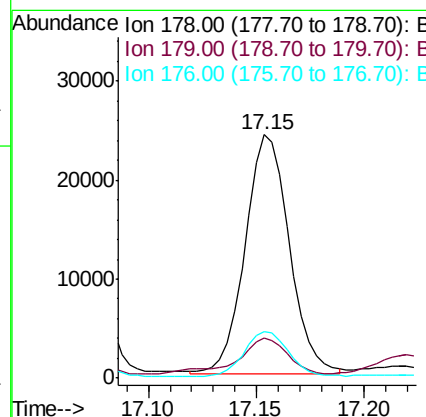
RT: 17.15 min Scan# 4618

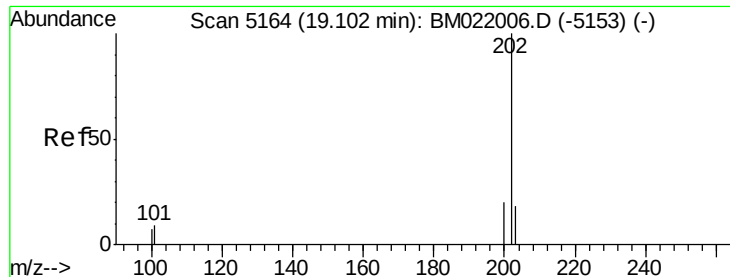
Delta R.T. -0.03 min

Lab File: BM022007.D

Acq: 10 Aug 2019 22:35

Tgt Ion:	178	Resp:	34597
Ion Ratio	Lower	Upper	
178	100		
179	16.3	15.5	23.3
176	19.3	16.6	25.0





#15

Fluoranthene

Concen: 23.823 ng/ul m

RT: 19.09 min Scan# 5160

Delta R.T. -0.02 min

Lab File: BM022007.D

Acq: 10 Aug 2019 22:35

Instrument :

BNA_M

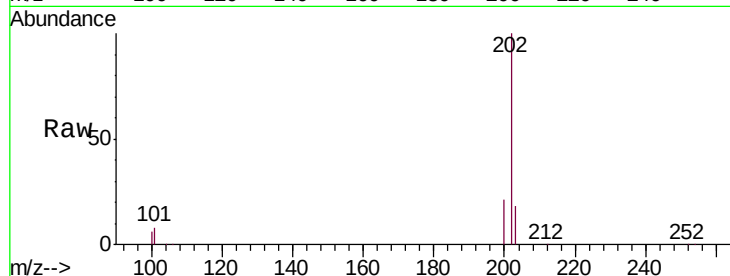
ClientSampleId :

BEP68

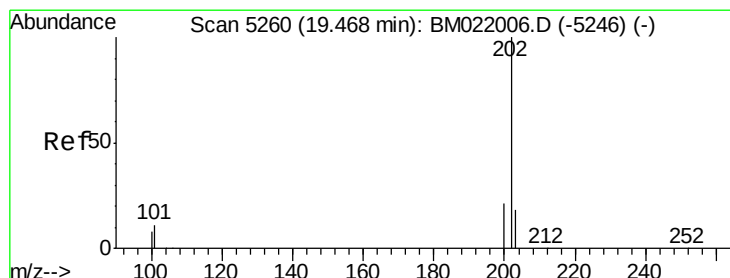
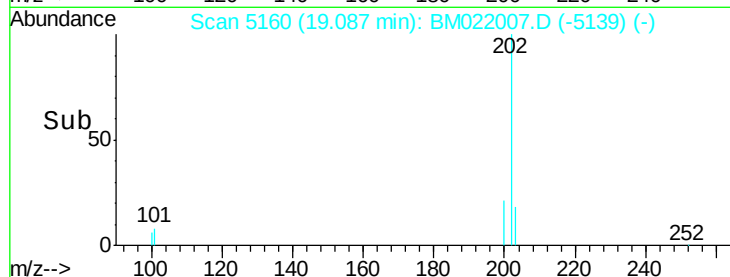
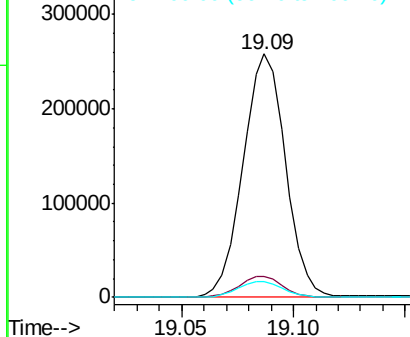
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		339845		
101	8.4	0.0	30.2		
100	6.5	0.0	28.1		

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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: 27.900 ng/ul

RT: 19.45 min Scan# 5256

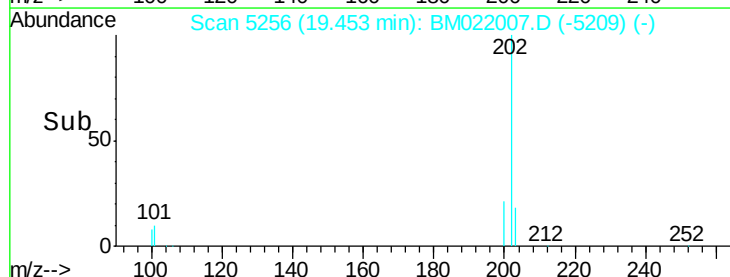
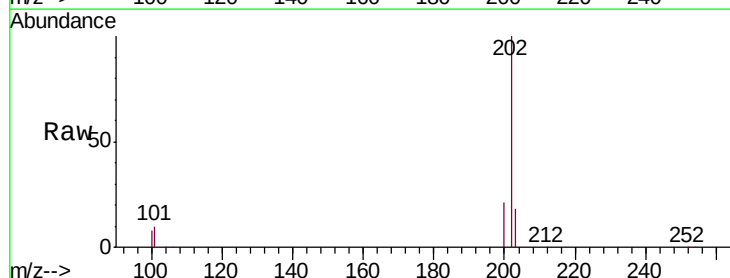
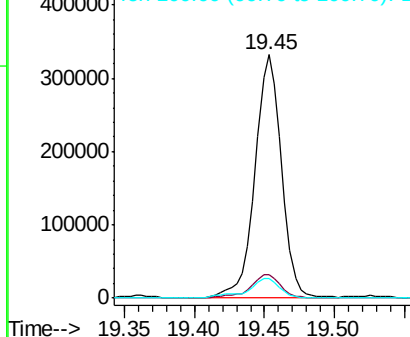
Delta R.T. -0.02 min

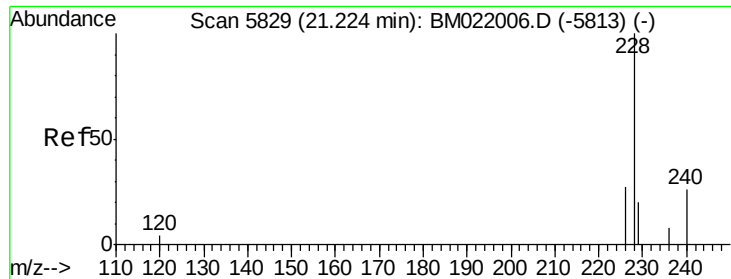
Lab File: BM022007.D

Acq: 10 Aug 2019 22:35

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		434758		
101	9.6	8.3	12.5		
100	8.0	7.2	10.8		

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





#18

Benzo(a)anthracene

Concen: 21.638 ng/ul m

RT: 21.21 min Scan# 5822

Delta R.T. -0.02 min

Lab File: BM022007.D

Acq: 10 Aug 2019 22:35

Instrument :

BNA_M

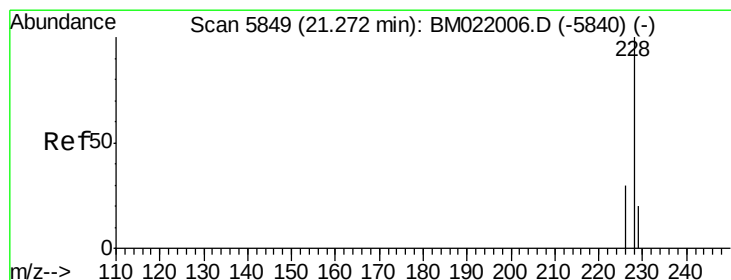
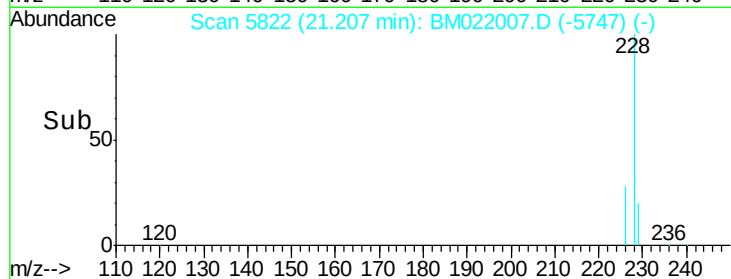
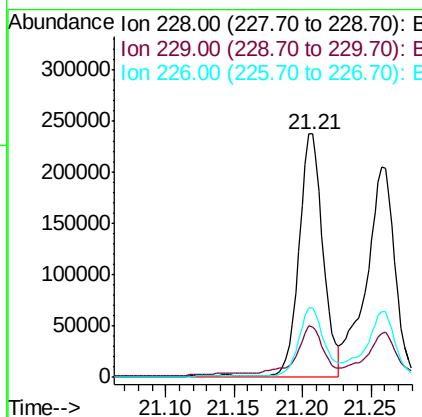
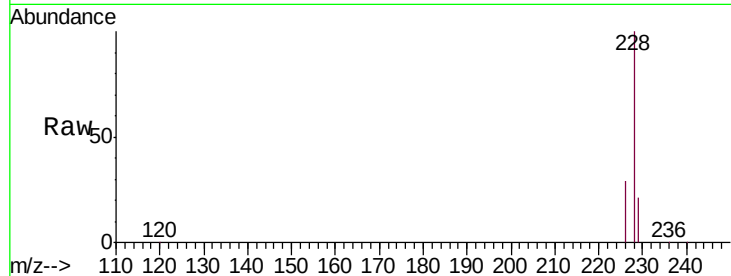
ClientSampleId :

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Tgt Ion:	228	Resp:	293493
Ion Ratio	Lower	Upper	
228	100		
229	20.9	17.2	25.8
226	28.5	22.6	34.0

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#19

Chrysene

Concen: 17.024 ng/ul

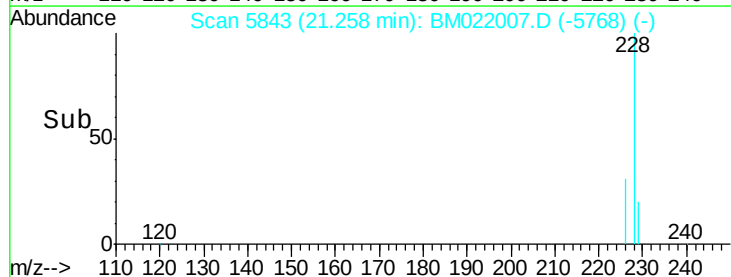
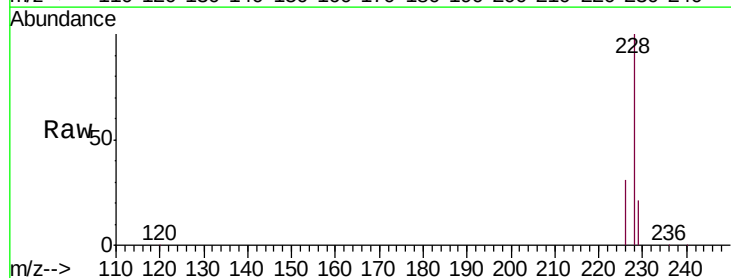
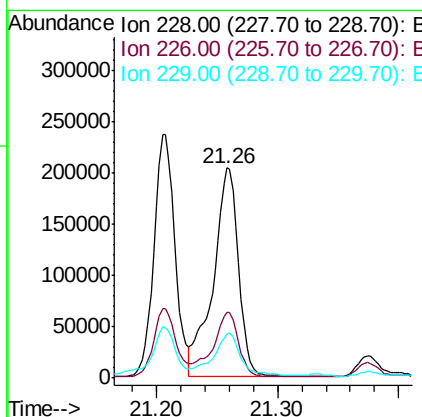
RT: 21.26 min Scan# 5843

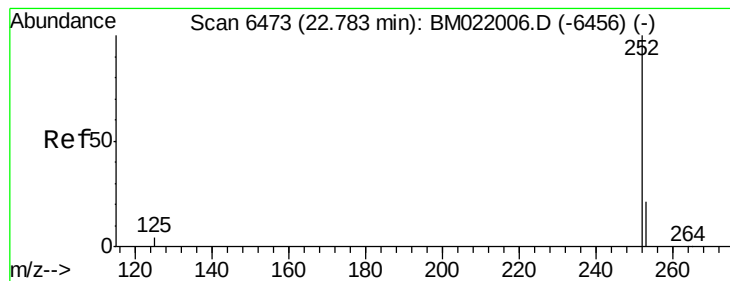
Delta R.T. -0.02 min

Lab File: BM022007.D

Acq: 10 Aug 2019 22:35

Tgt Ion:	228	Resp:	296971
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.9	37.3
229	21.2	16.6	25.0





#21

Benzo(b)fluoranthene

Concen: 24.133 ng/ul m

RT: 22.77 min Scan# 6468

Delta R.T. -0.02 min

Lab File: BM022007.D

Acq: 10 Aug 2019 22:35

Instrument :

BNA_M

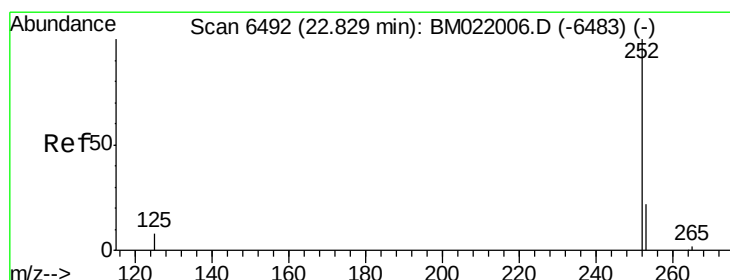
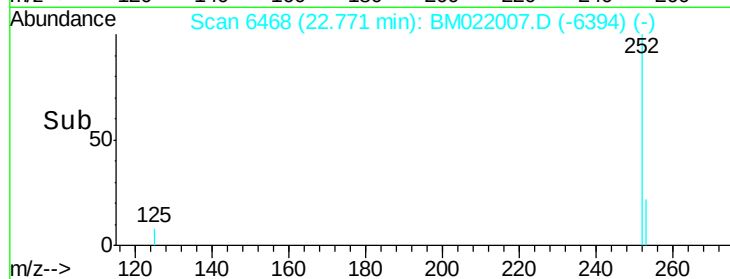
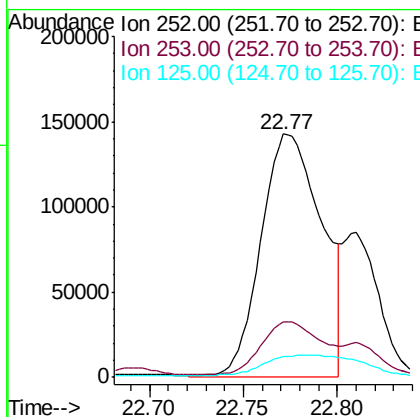
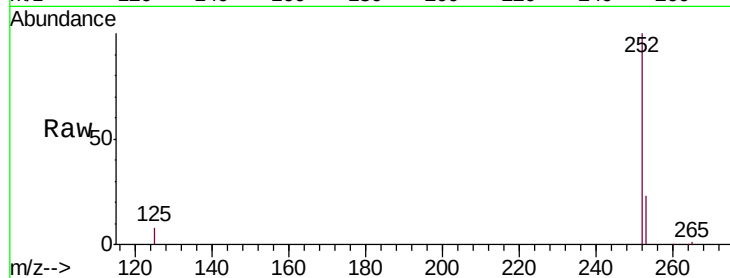
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	321619		
253	22.6	0.0	67.4	
125	8.5	0.0	31.0	

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#22

Benzo(k)fluoranthene

Concen: 7.686 ng/ul m

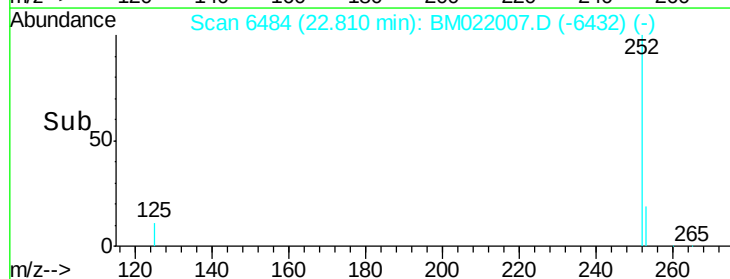
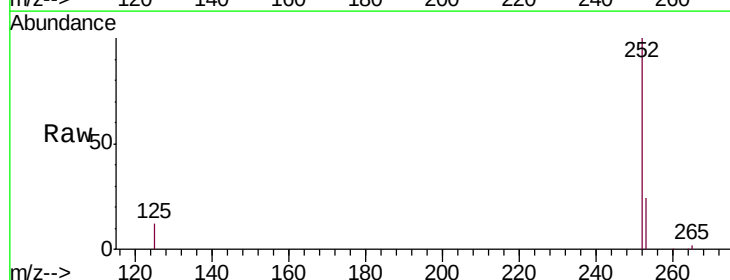
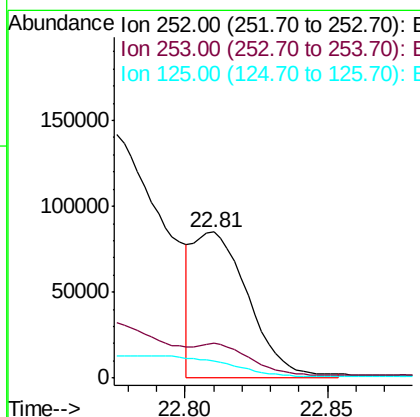
RT: 22.81 min Scan# 6484

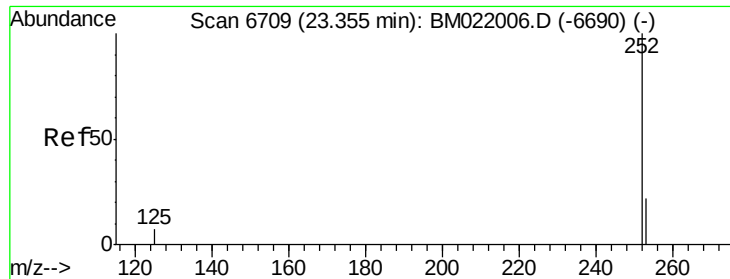
Delta R.T. -0.02 min

Lab File: BM022007.D

Acq: 10 Aug 2019 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	115912		
253	23.8	27.0	40.4#	
125	11.8	12.2	18.2#	





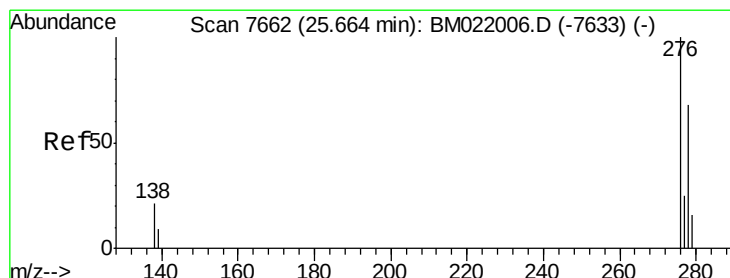
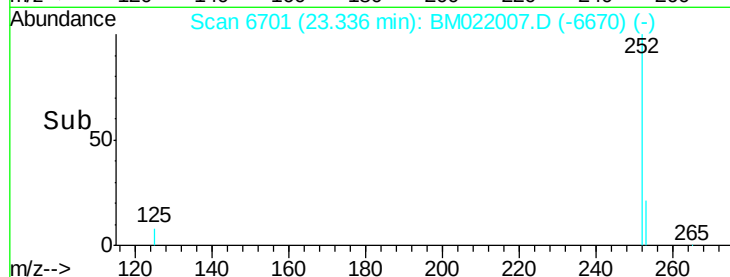
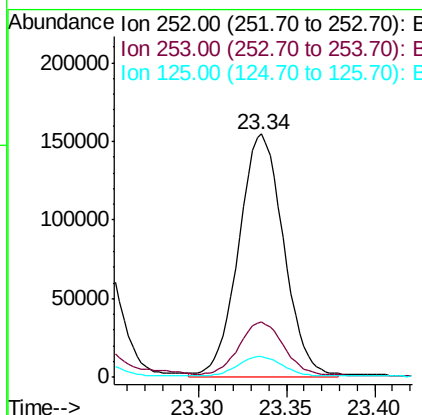
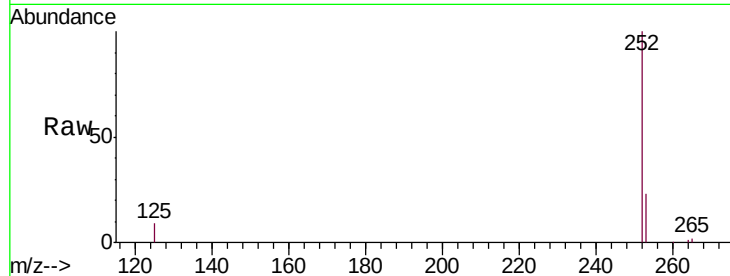
#23
Benzo(a)pyrene
Concen: 20.229 ng/ul m
RT: 23.34 min Scan# 6701
Delta R.T. -0.02 min
Lab File: BM022007.D
Acq: 10 Aug 2019 22:35

Instrument :
BNA_M
ClientSampleId :
BEP68

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.7	31.7	47.5#
125	8.6	14.6	21.8#

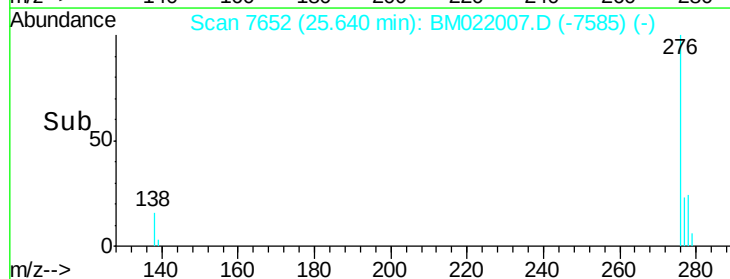
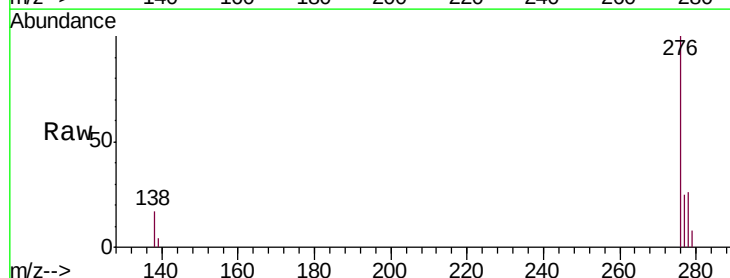
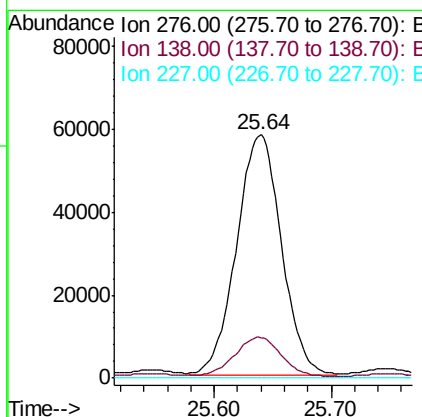
Manual Integrations
APPROVED

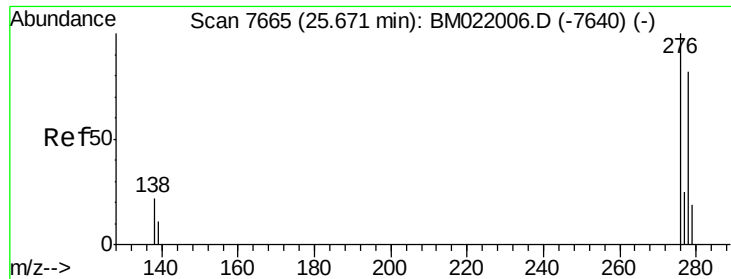
Sohil
8/13/2019 8:34:17 AM



#24
Indeno(1,2,3-cd)pyrene
Concen: 9.522 ng/ul m
RT: 25.64 min Scan# 7652
Delta R.T. -0.04 min
Lab File: BM022007.D
Acq: 10 Aug 2019 22:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	1.1	15.1	22.7#
227	0.0	0.0	0.0





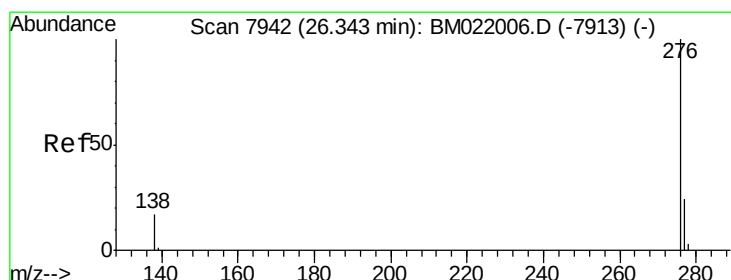
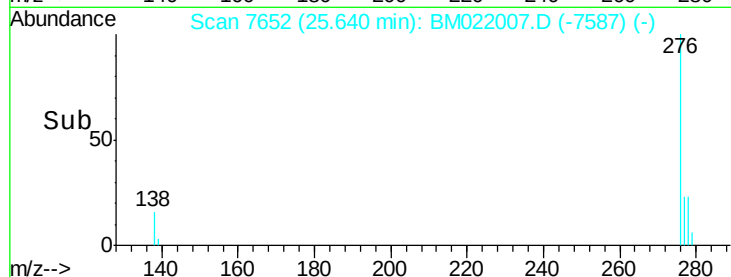
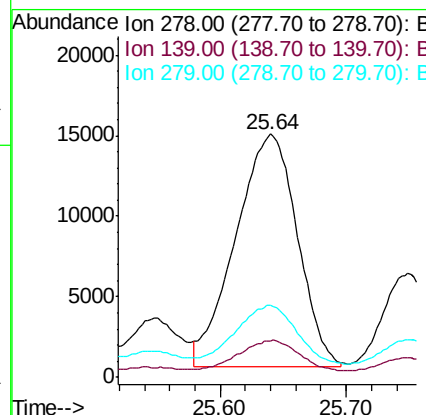
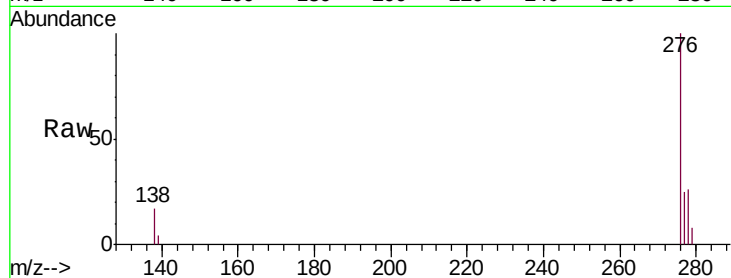
#25
Dibenzo(a,h)anthracene
Concen: 3.762 ng/ul m
RT: 25.64 min Scan# 7652
Delta R.T. -0.04 min
Lab File: BM022007.D
Acq: 10 Aug 2019 22:35

Instrument :
BNA_M
ClientSampleId :
BEP68

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	14.2	21.2
279	29.4	28.3	42.5

Manual Integrations
APPROVED

Sohil
8/13/2019 8:34:17 AM



#26
Benzo(g,h,i)perylene
Concen: 11.195 ng/ul m
RT: 26.32 min Scan# 7933
Delta R.T. -0.04 min
Lab File: BM022007.D
Acq: 10 Aug 2019 22:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	15.5	23.3
277	24.4	21.4	32.2

