

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021790.D
 Acq On : 04 Aug 2019 01:25
 Operator : HP/JU
 Sample : K3850-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS3

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Quant Time: Aug 04 05:00:28 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 04 04:24:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1238	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	4824	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.29	164	2858	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	7442m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	7820m	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	8933m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1235	0.16	ng/ul	-0.03
14) Fluoranthene-d10	19.08	212	4380m	0.17	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.47	128	1779	0.131	ng/ul	98
5) 2-Methylnaphthalene	12.11	142	1632	0.180	ng/ul	95
7) Acenaphthylene	14.01	152	10708	0.803	ng/ul	96
8) Acenaphthene	14.35	153	1911	0.175	ng/ul	95
9) Fluorene	15.35	166	3757	0.310	ng/ul	99
11) Pentachlorophenol	16.71	266	123m	0.090	ng/ul	
12) Phenanthrene	17.09	178	99212m	4.582	ng/ul	
13) Anthracene	17.18	178	18634m	1.009	ng/ul	
15) Fluoranthene	19.11	202	216958m	7.480	ng/ul	
17) Pyrene	19.47	202	166601	5.184	ng/ul#	95
18) Benzo(a)anthracene	21.22	228	102877	3.678	ng/ul	99
19) Chrysene	21.28	228	103512	2.877	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	133804m	4.442	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	54776m	1.607	ng/ul	
23) Benzo(a)pyrene	23.36	252	90892	2.967	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.67	276	72490	1.982	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.68	278	18784	0.635	ng/ul	95
26) Benzo(g,h,i)perylene	26.36	276	65895	2.001	ng/ul#	93

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

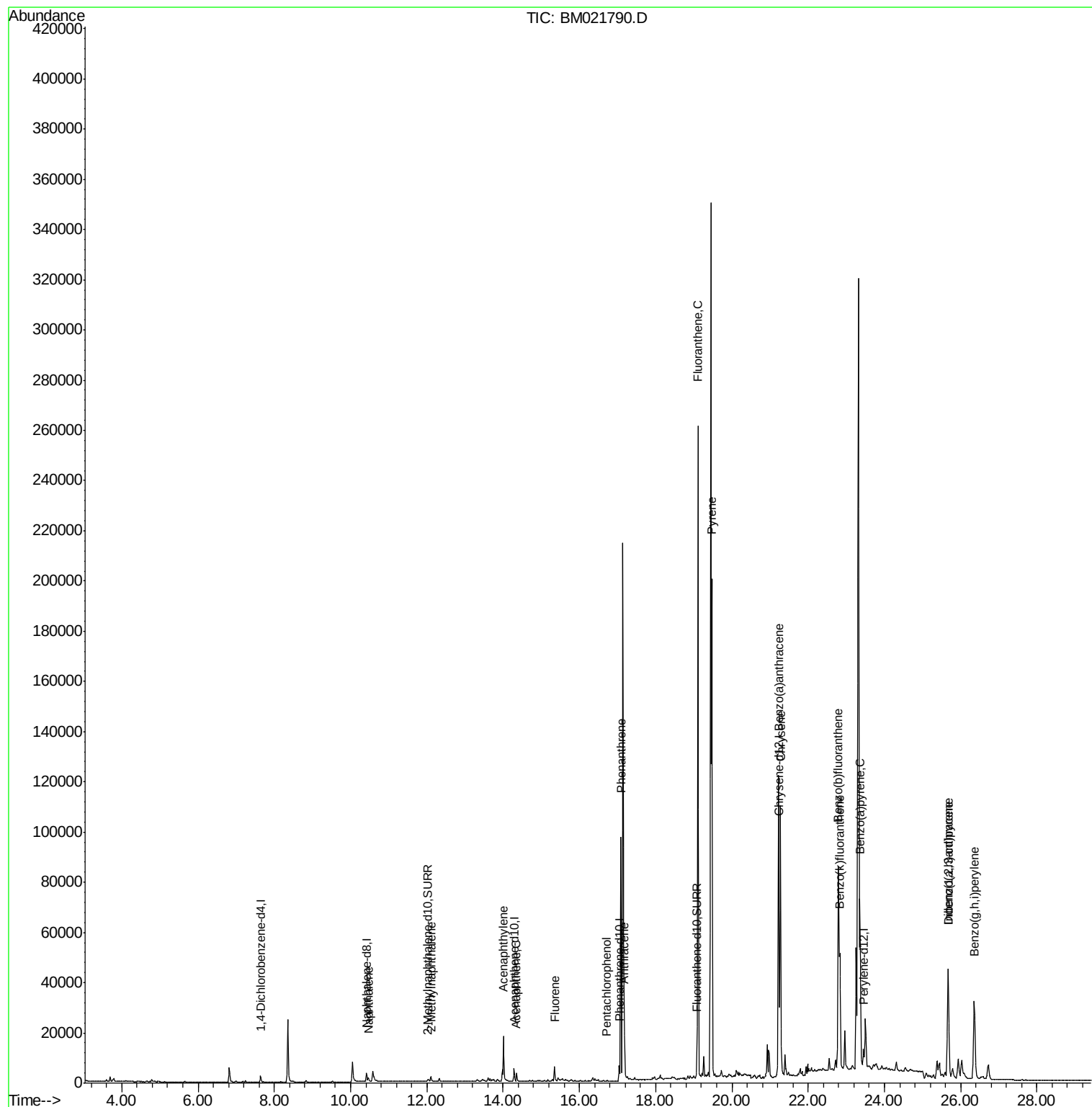
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
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Misc :
ALS Vial : 33 Sample Multiplier: 1

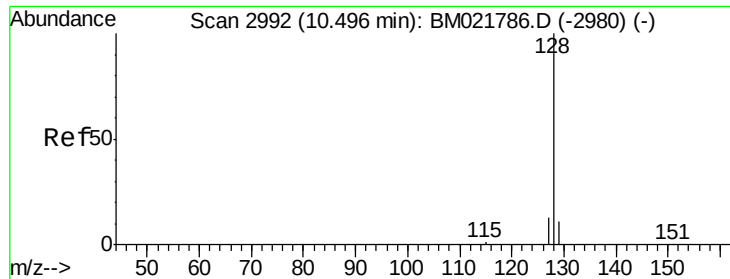
Instrument :
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QLast Update : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.131 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. -0.03 min

Lab File: BM021790.D

Acq: 04 Aug 2019 01:25

Instrument :

BNA_M

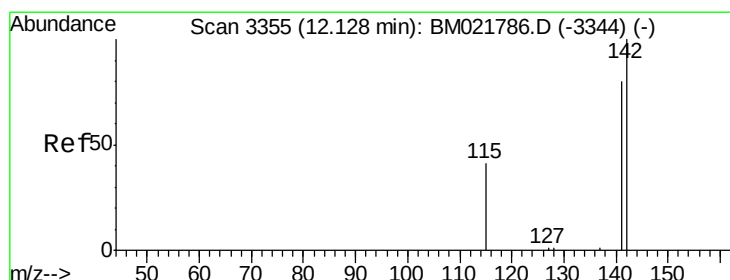
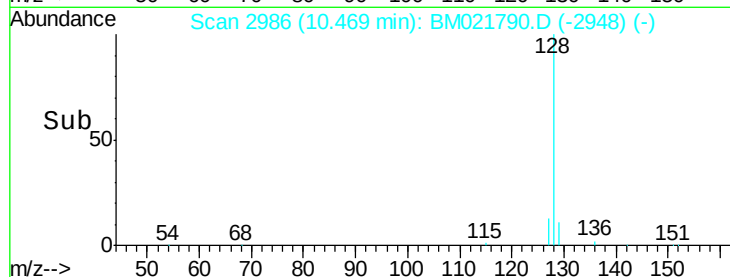
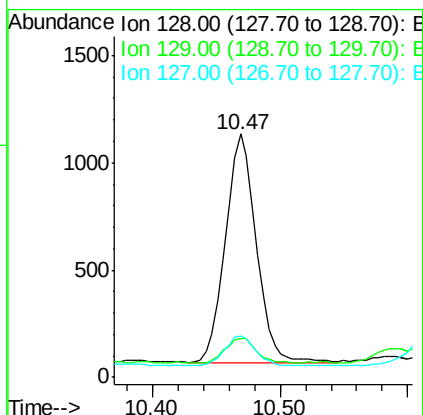
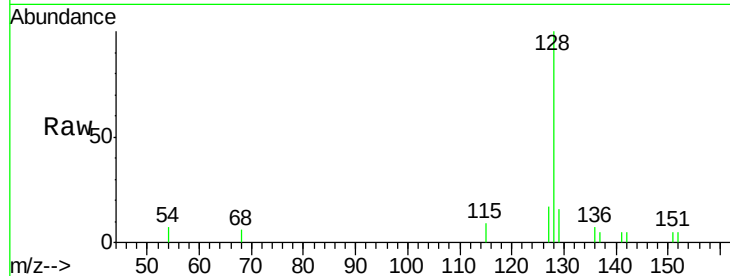
ClientSampleId :

BENS3

Tgt Ion:	128	Resp:	1779
Ion	Ratio	Lower	Upper
128	100		
129	16.1	12.3	18.5
127	17.2	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.180 ng/ul

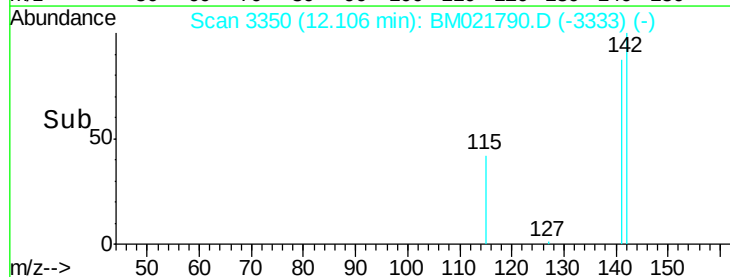
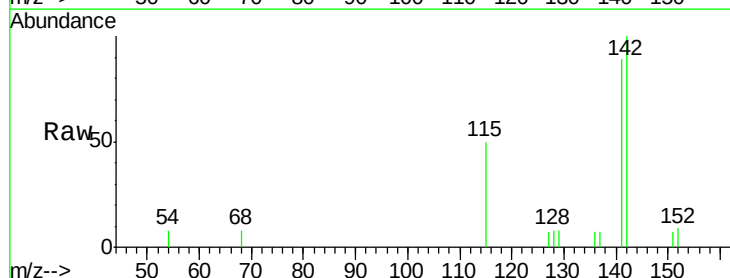
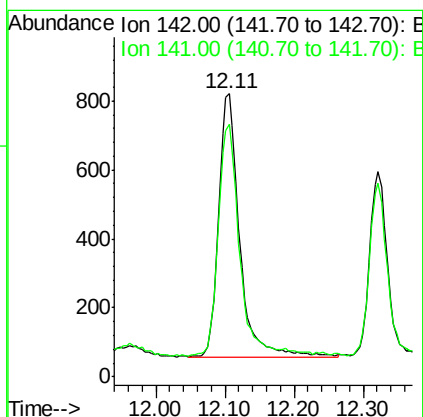
RT: 12.11 min Scan# 3350

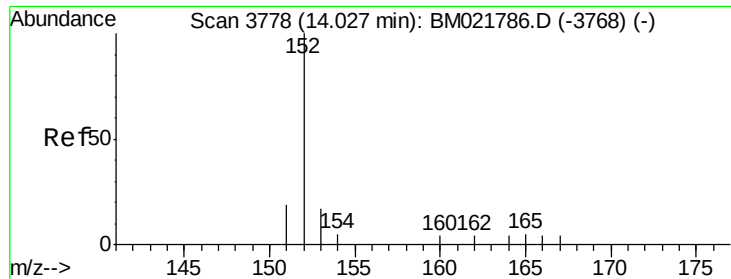
Delta R.T. -0.02 min

Lab File: BM021790.D

Acq: 04 Aug 2019 01:25

Tgt Ion:	142	Resp:	1632
Ion	Ratio	Lower	Upper
142	100		
141	88.5	74.3	111.5





#7

Acenaphthylene

Concen: 0.803 ng/ul

RT: 14.01 min Scan# 3774

Delta R.T. -0.02 min

Lab File: BM021790.D

Acq: 04 Aug 2019 01:25

Instrument :

BNA_M

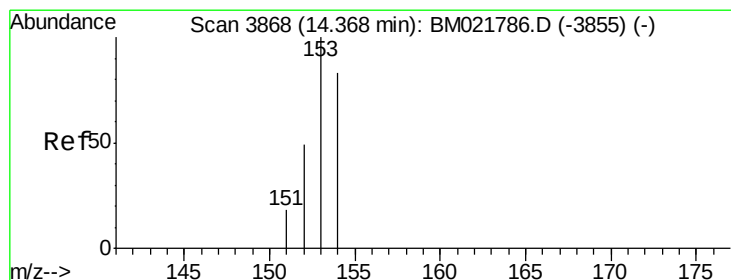
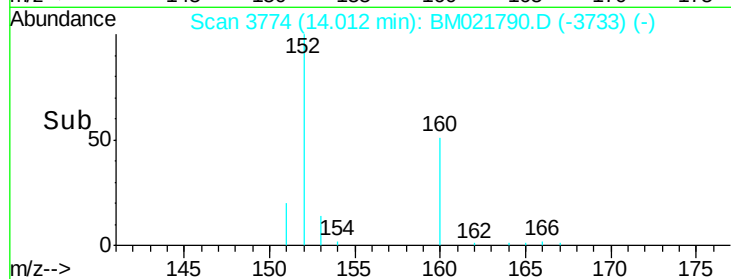
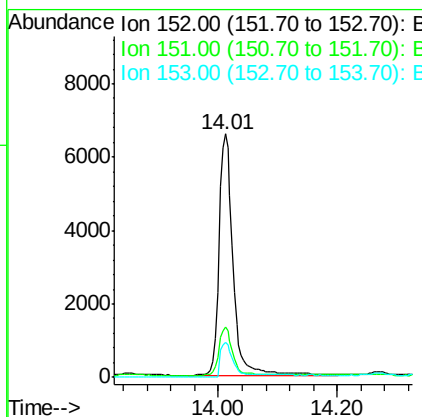
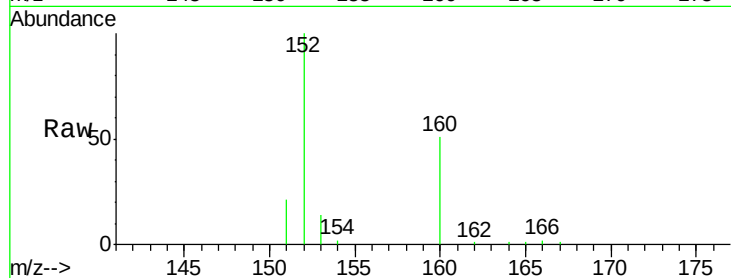
ClientSampled :

BENS3

Tgt Ion:	152	Resp:	10708
Ion Ratio	Lower	Upper	
152	100		
151	20.7	18.3	27.5
153	14.2	12.8	19.2

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#8

Acenaphthene

Concen: 0.175 ng/ul

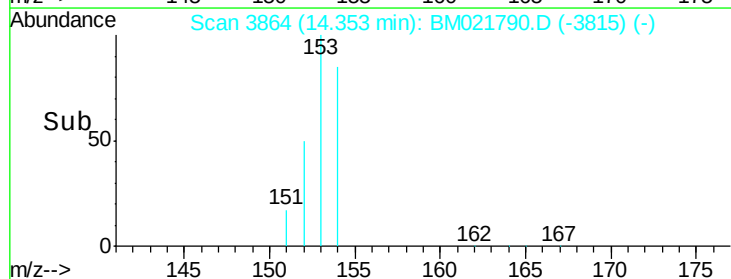
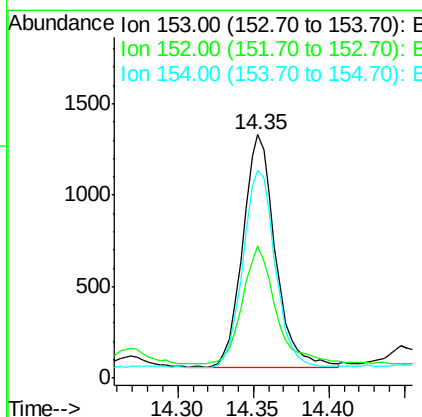
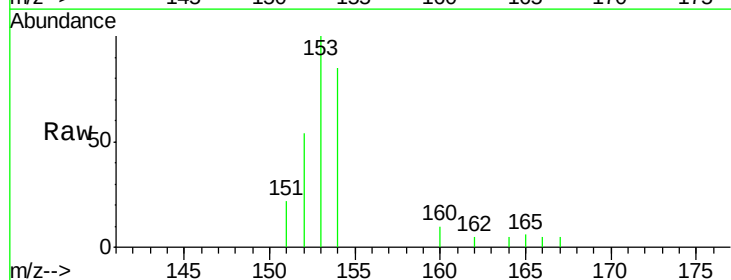
RT: 14.35 min Scan# 3864

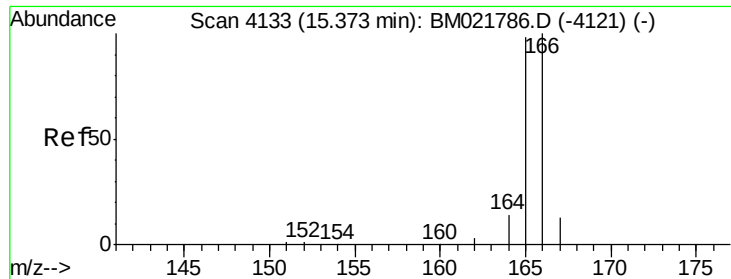
Delta R.T. -0.02 min

Lab File: BM021790.D

Acq: 04 Aug 2019 01:25

Tgt Ion:	153	Resp:	1911
Ion Ratio	Lower	Upper	
153	100		
152	54.4	41.3	61.9
154	85.2	72.3	108.5





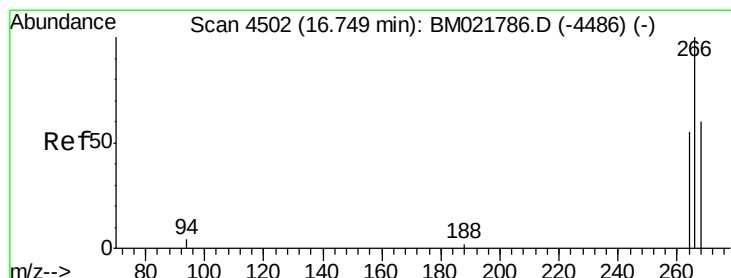
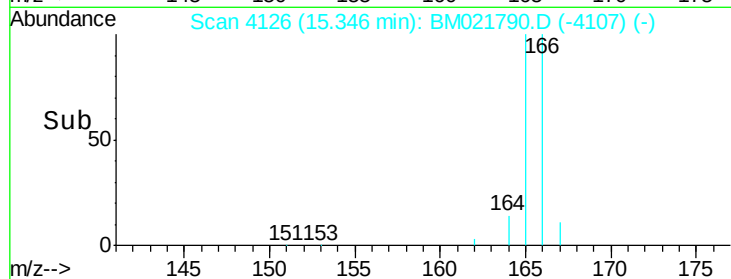
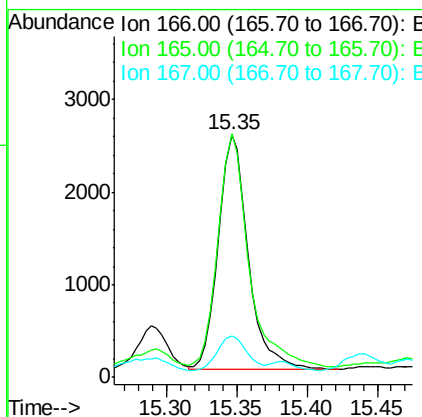
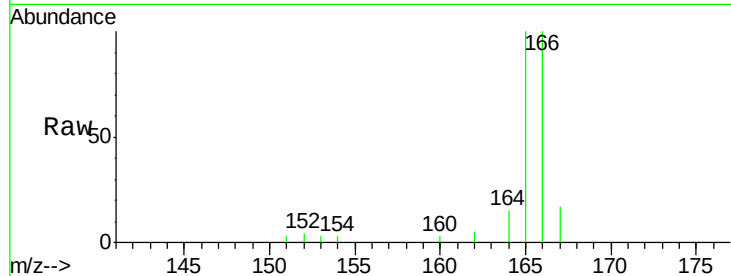
#9
Fluorene
 Concen: 0.310 ng/ul
 RT: 15.35 min Scan# 4126
 Delta R.T. -0.03 min
 Lab File: BM021790.D
 Acq: 04 Aug 2019 01:25

Instrument :
 BNA_M
 ClientSampleId :
 BENS3

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	81.4	122.0
167	17.0	13.7	20.5

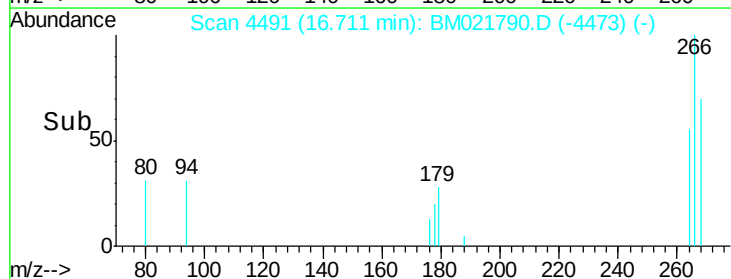
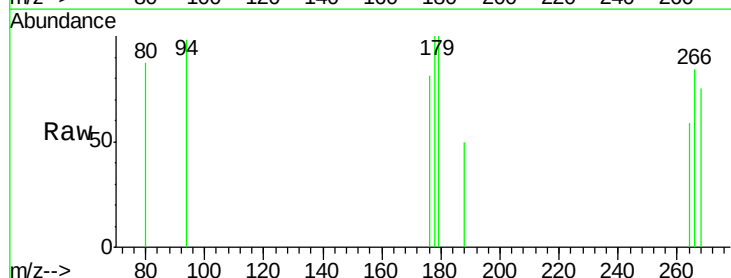
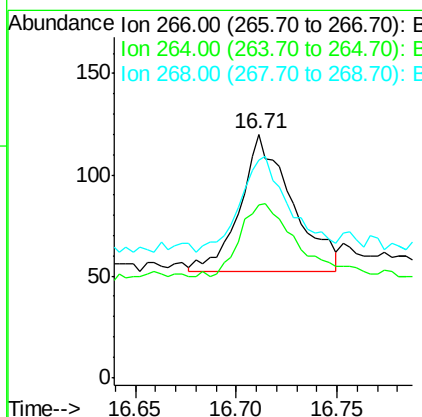
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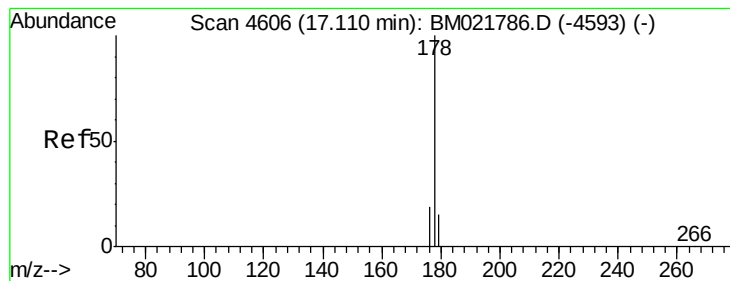
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#11
Pentachlorophenol
 Concen: 0.090 ng/ul m
 RT: 16.71 min Scan# 4491
 Delta R.T. -0.04 min
 Lab File: BM021790.D
 Acq: 04 Aug 2019 01:25

Tgt Ion	Ratio	Lower	Upper
266	100		
264	0.0	54.2	81.2#
268	8.1	57.6	86.4#





#12

Phenanthrene

Concen: 4.582 ng/ul m

RT: 17.09 min Scan# 4599

Delta R.T. -0.02 min

Lab File: BM021790.D

Acq: 04 Aug 2019 01:25

Instrument :

BNA_M

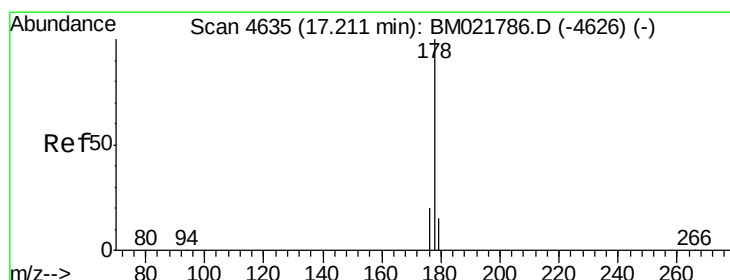
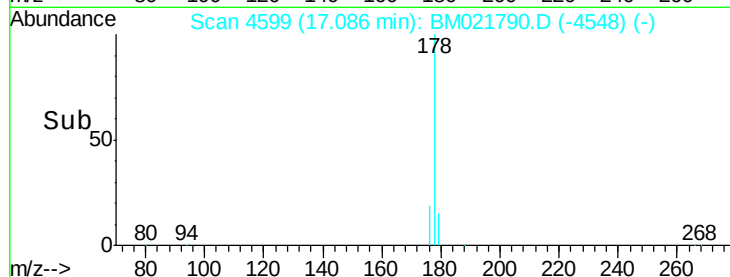
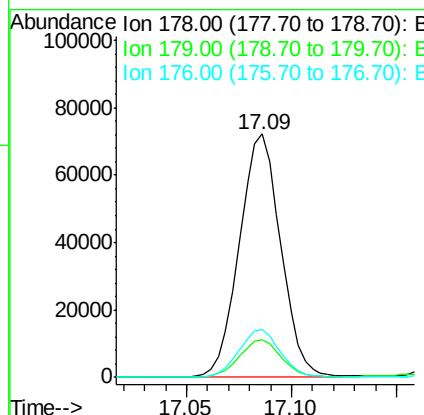
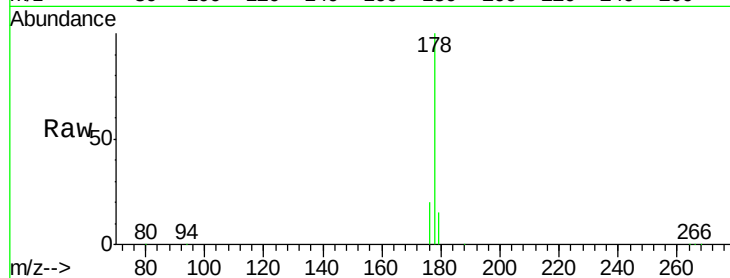
ClientSampleId :

BENS3

Tgt Ion:	178	Resp:	99212
Ion Ratio	Lower	Upper	
178	100		
179	15.5	14.2	21.2
176	19.5	16.8	25.2

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#13

Anthracene

Concen: 1.009 ng/ul m

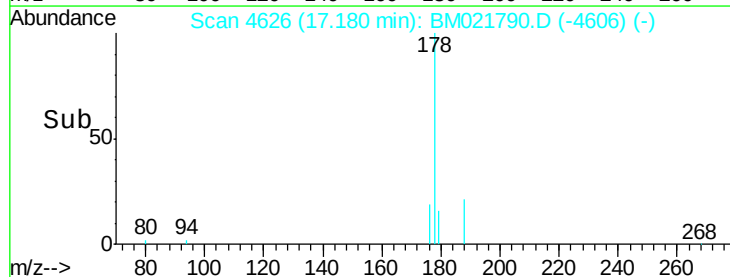
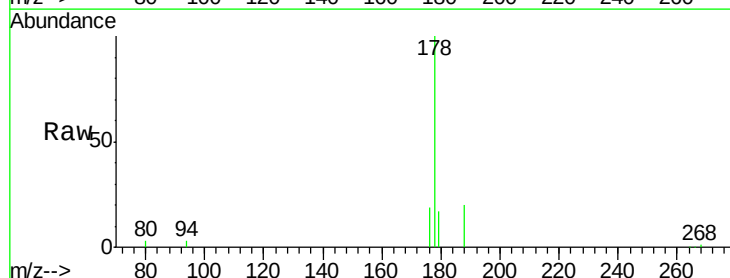
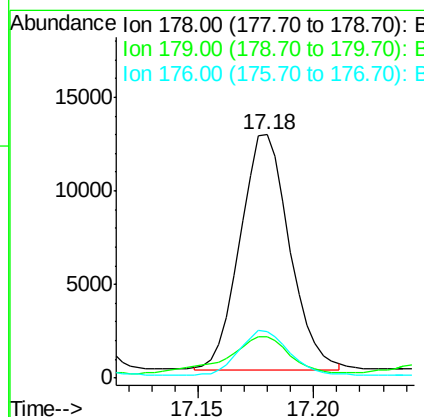
RT: 17.18 min Scan# 4626

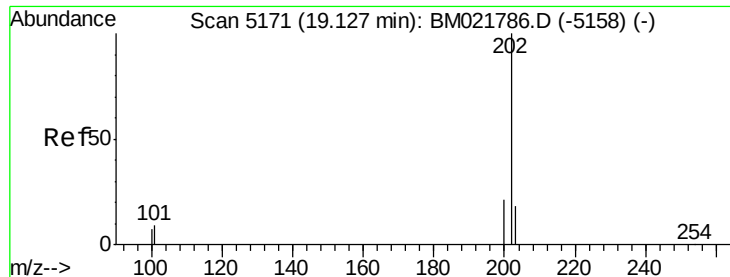
Delta R.T. -0.03 min

Lab File: BM021790.D

Acq: 04 Aug 2019 01:25

Tgt Ion:	178	Resp:	18634
Ion Ratio	Lower	Upper	
178	100		
179	16.8	15.5	23.3
176	19.3	16.6	25.0





#15

Fluoranthene

Concen: 7.480 ng/ul m

RT: 19.11 min Scan# 5166

Delta R.T. -0.02 min

Lab File: BM021790.D

Acq: 04 Aug 2019 01:25

Instrument :

BNA_M

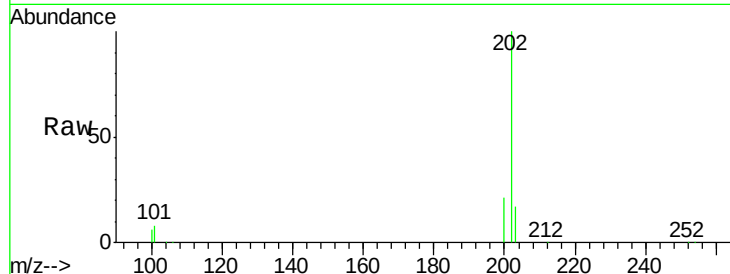
ClientSampleId :

BENS3

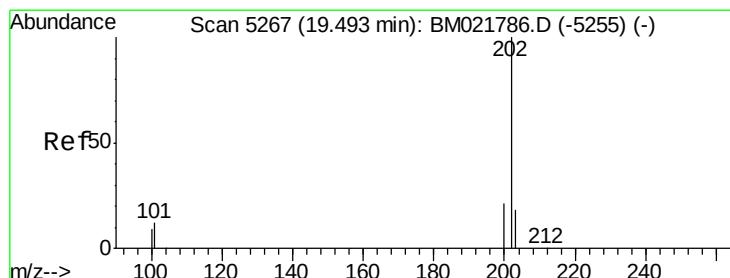
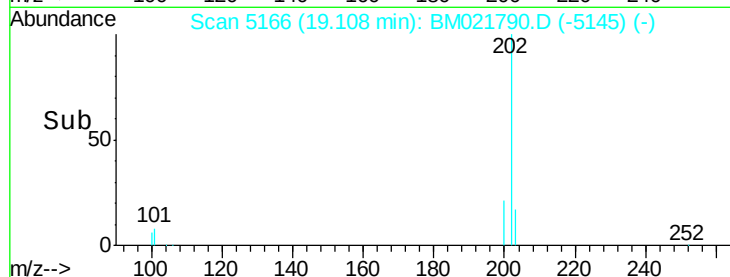
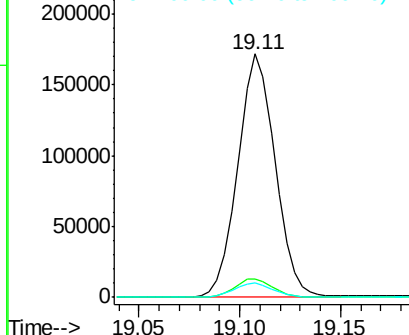
Tgt	Ion	202	Resp:	216958
Ion	Ratio	Lower	Upper	
202	100			
101	7.7	0.0	30.2	
100	5.9	0.0	28.1	

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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: 5.184 ng/ul

RT: 19.47 min Scan# 5262

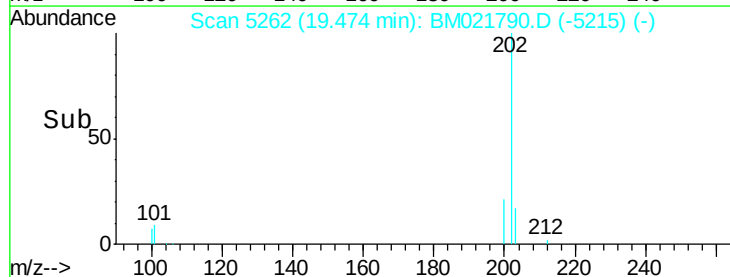
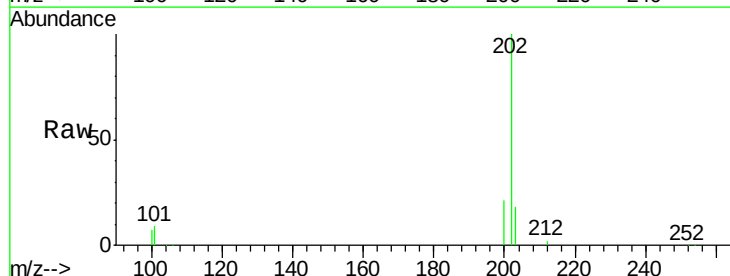
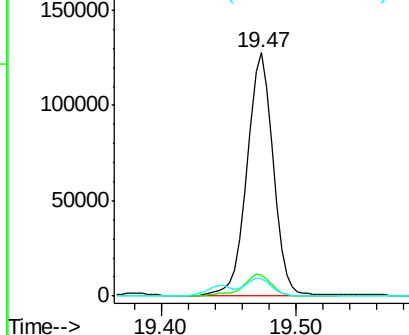
Delta R.T. -0.02 min

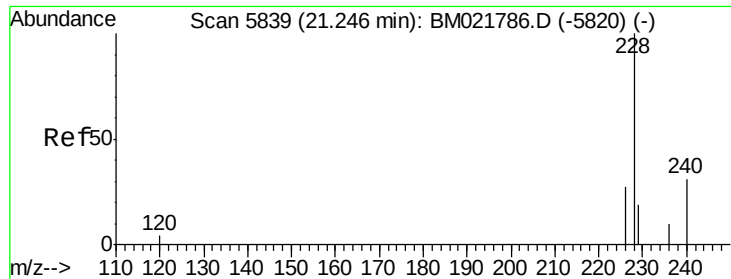
Lab File: BM021790.D

Acq: 04 Aug 2019 01:25

Tgt	Ion	202	Resp:	166601
Ion	Ratio	Lower	Upper	
202	100			
101	8.6	8.3	12.5	
100	7.0	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





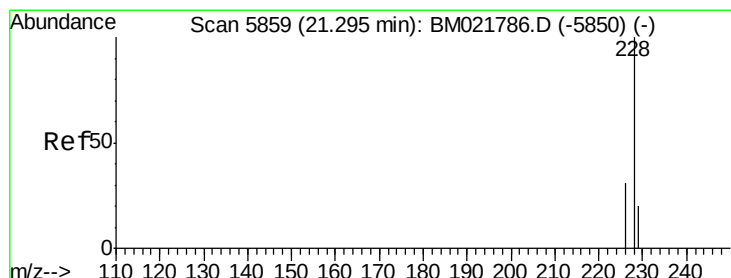
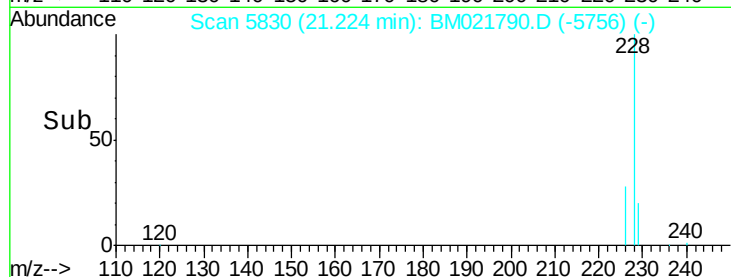
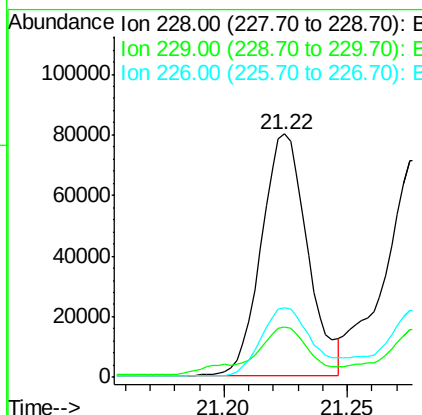
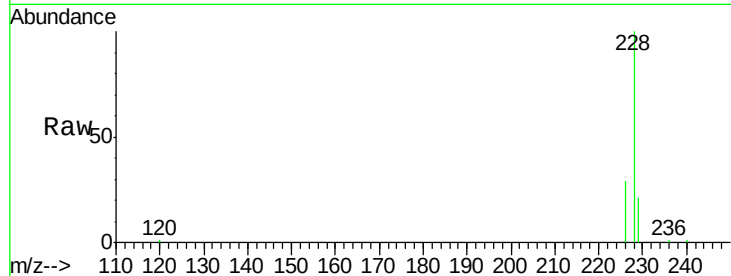
#18
Benzo(a)anthracene
Concen: 3.678 ng/ul
RT: 21.22 min Scan# 5830
Delta R.T. -0.02 min
Lab File: BM021790.D
Acq: 04 Aug 2019 01:25

Instrument :
BNA_M
ClientSampleId :
BENS3

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	17.2	25.8
226	28.8	22.6	34.0

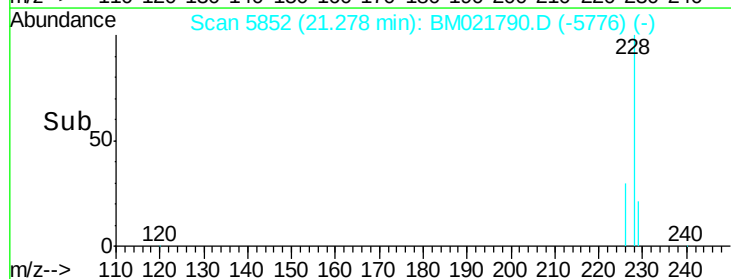
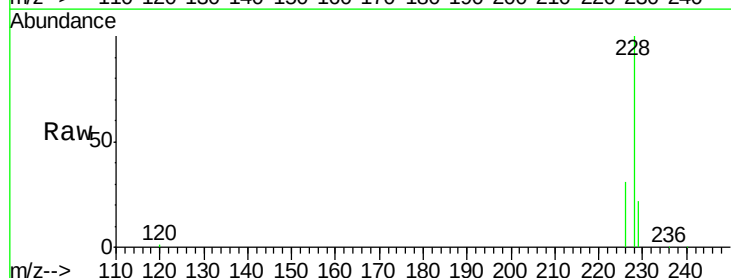
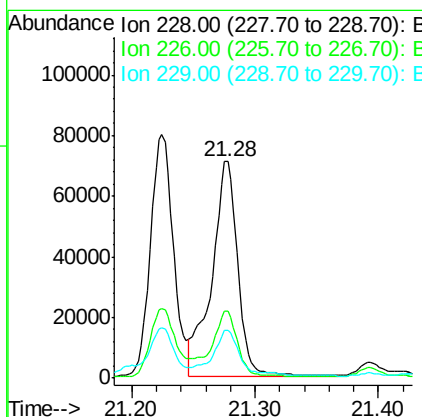
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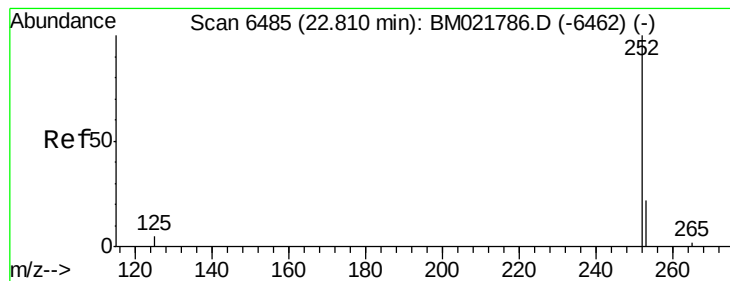
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#19
Chrysene
Concen: 2.877 ng/ul
RT: 21.28 min Scan# 5852
Delta R.T. -0.02 min
Lab File: BM021790.D
Acq: 04 Aug 2019 01:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	22.1	16.6	25.0





#21

Benzo(b)fluoranthene

Concen: 4.442 ng/ul m

RT: 22.79 min Scan# 6477

Delta R.T. -0.02 min

Lab File: BM021790.D

Acq: 04 Aug 2019 01:25

Instrument :

BNA_M

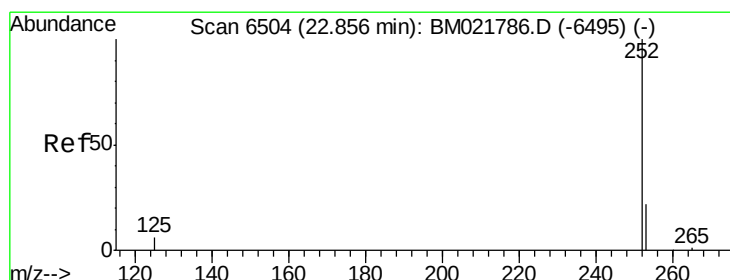
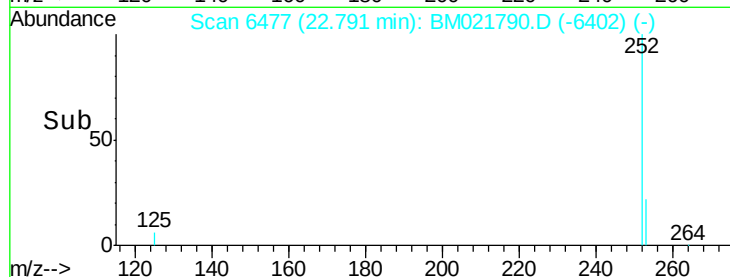
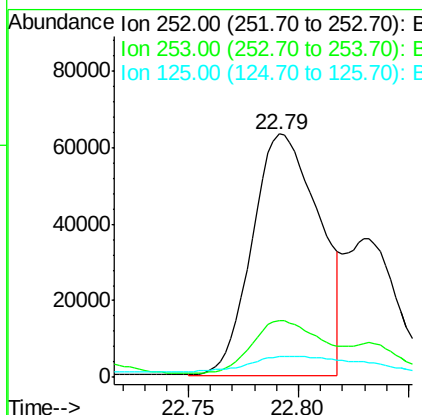
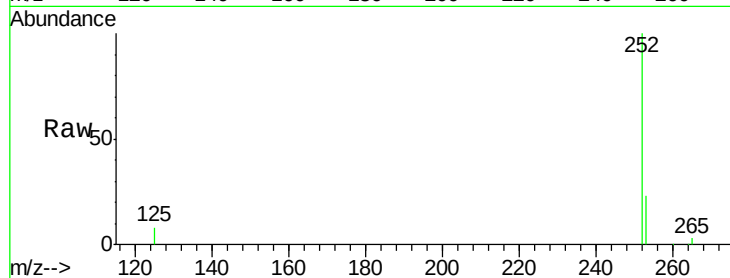
ClientSampleId :

BENS3

Tgt Ion:	252	Resp:	133804
Ion Ratio	Lower	Upper	
252	100		
253	23.4	0.0	67.4
125	8.5	0.0	31.0

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#22

Benzo(k)fluoranthene

Concen: 1.607 ng/ul m

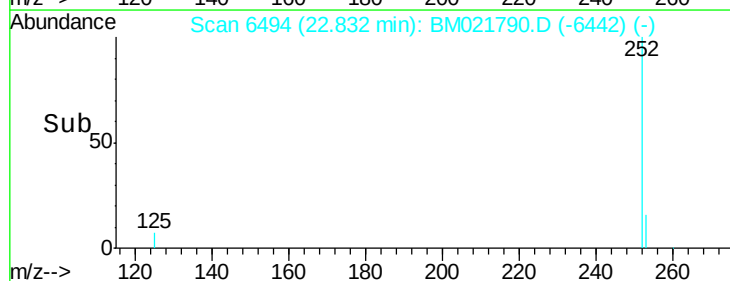
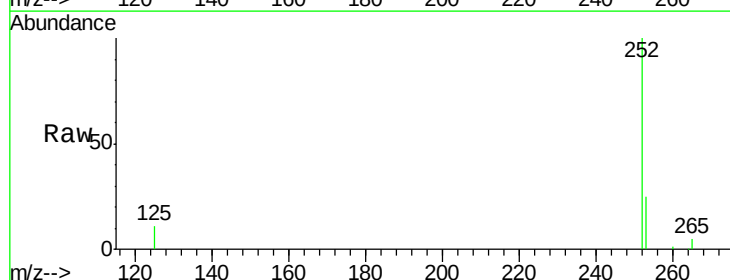
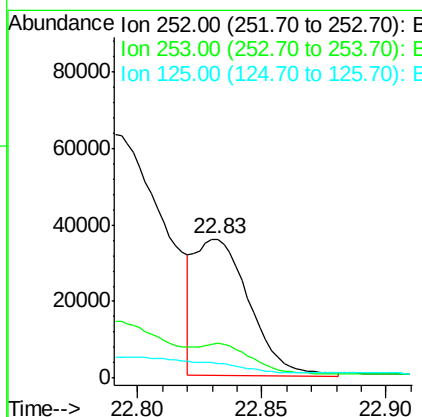
RT: 22.83 min Scan# 6494

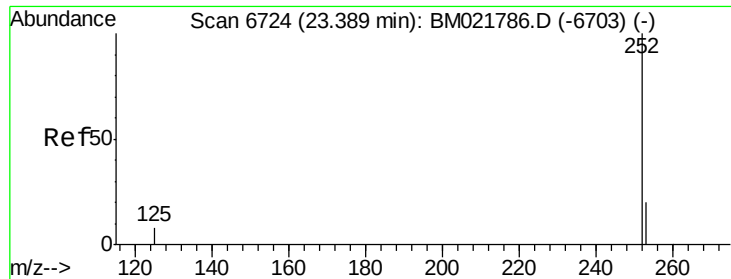
Delta R.T. -0.02 min

Lab File: BM021790.D

Acq: 04 Aug 2019 01:25

Tgt Ion:	252	Resp:	54776
Ion Ratio	Lower	Upper	
252	100		
253	25.0	27.0	40.4#
125	10.8	12.2	18.2#





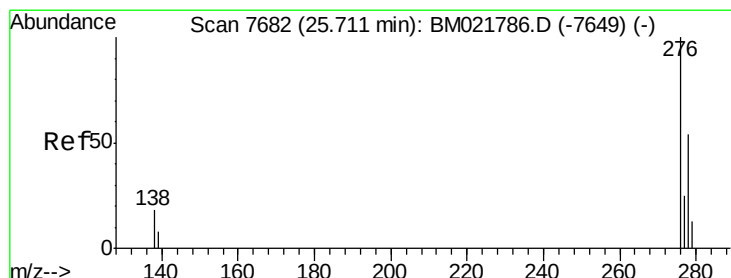
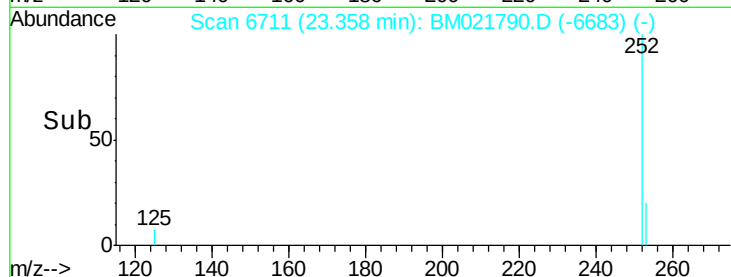
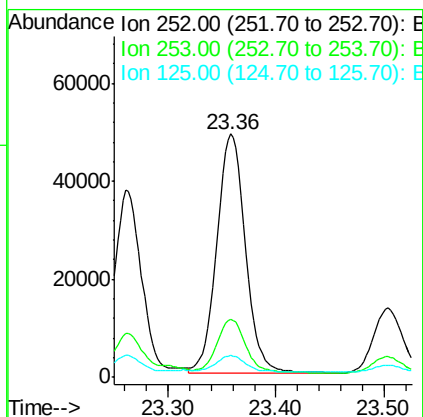
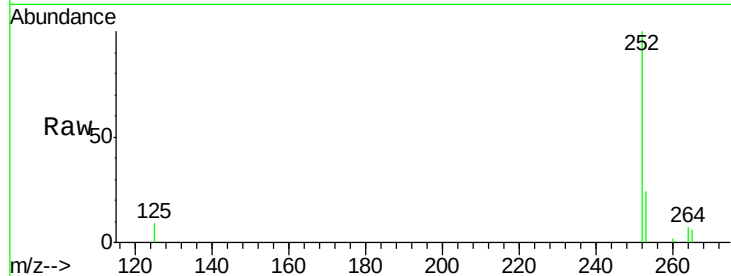
#23
Benzo(a)pyrene
Concen: 2.967 ng/ul
RT: 23.36 min Scan# 6711
Delta R.T. -0.03 min
Lab File: BM021790.D
Acq: 04 Aug 2019 01:25

Instrument :
BNA_M
ClientSampleId :
BENS3

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.6	31.7	47.5#
125	8.9	14.6	21.8#

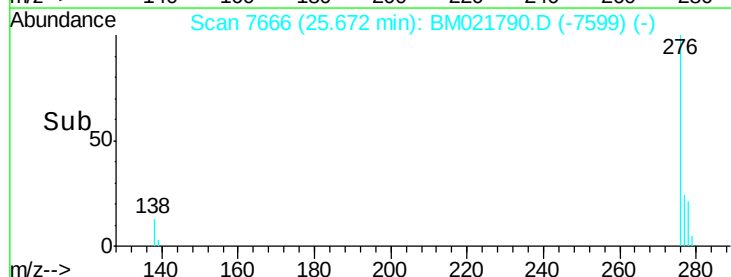
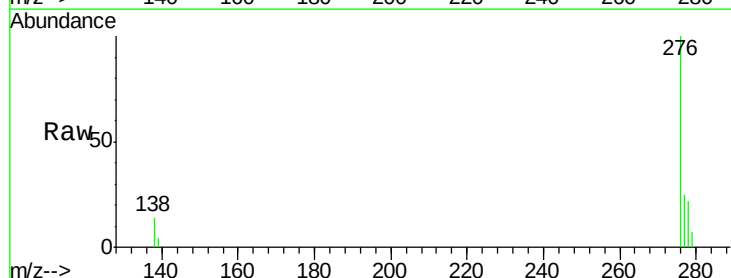
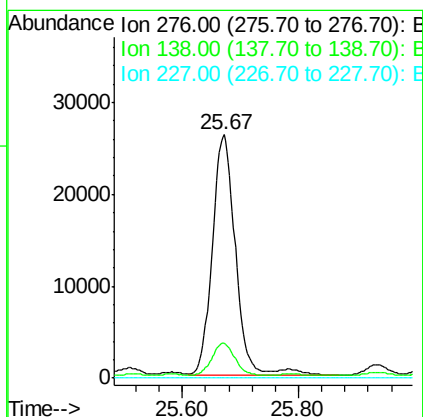
Manual Integrations
APPROVED

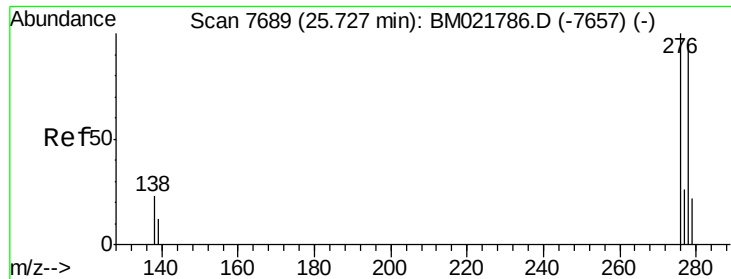
mohammad
8/5/2019 10:14:13 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 1.982 ng/ul
RT: 25.67 min Scan# 7666
Delta R.T. -0.04 min
Lab File: BM021790.D
Acq: 04 Aug 2019 01:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	13.1	15.1	22.7#
227	0.0	0.0	0.0





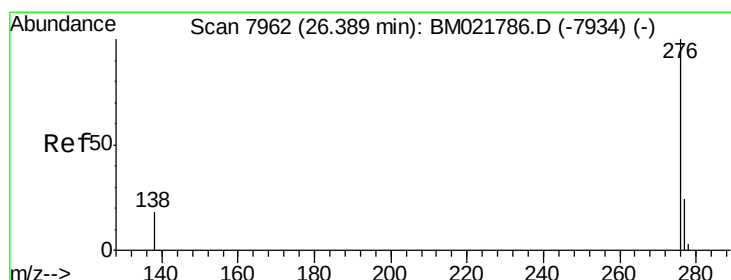
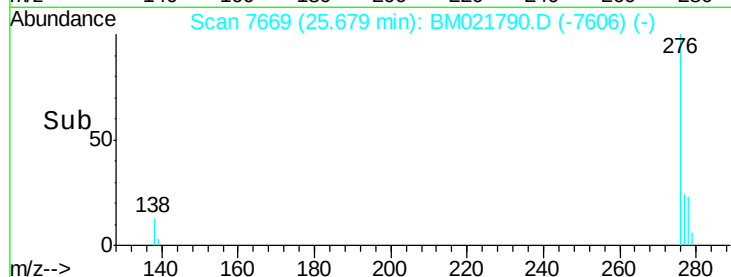
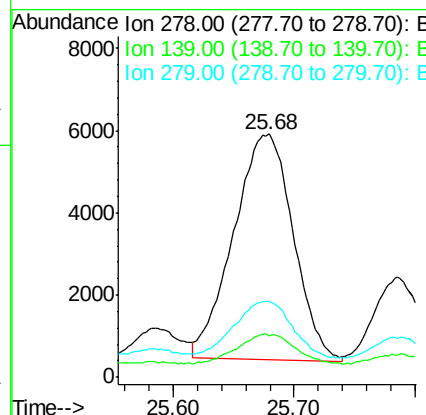
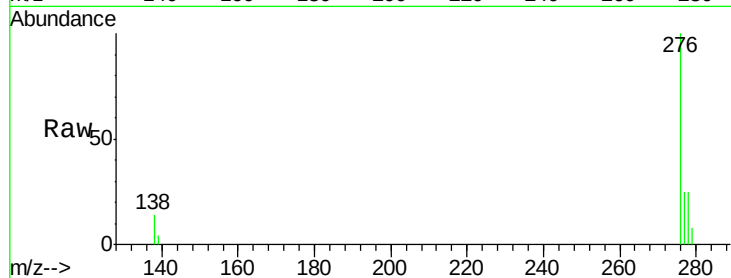
#25
Dibenzo(a,h)anthracene
Concen: 0.635 ng/ul
RT: 25.68 min Scan# 7669
Delta R.T. -0.05 min
Lab File: BM021790.D
Acq: 04 Aug 2019 01:25

Instrument :
BNA_M
ClientSampleId :
BENS3

Tgt Ion:	278	Resp:	18784
Ion Ratio	Lower	Upper	
278	100		
139	17.1	14.2	21.2
279	31.1	28.3	42.5

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:13 PM



#26
Benzo(g,h,i)perylene
Concen: 2.001 ng/ul
RT: 26.36 min Scan# 7949
Delta R.T. -0.03 min
Lab File: BM021790.D
Acq: 04 Aug 2019 01:25

Tgt Ion:	276	Resp:	65895
Ion Ratio	Lower	Upper	
276	100		
138	14.6	15.5	23.3#
277	24.5	21.4	32.2

