

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021793.D
 Acq On : 04 Aug 2019 03:15
 Operator : HP/JU
 Sample : K3850-14
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS1

Manual Integrations
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mohammad
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Quant Time: Aug 04 05:13:03 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	1070	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.42	136	4253	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.29	164	2580	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	6698m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	7026m	0.40	ng/ul	-0.01
20) Perylene-d12	23.46	264	7638m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	992	0.14	ng/ul	-0.03
14) Fluoranthene-d10	19.08	212	3700m	0.16	ng/ul	-0.02
Target Compounds					Qvalue	
3) Naphthalene	10.46	128	564	0.047	ng/ul#	77
5) 2-Methylnaphthalene	12.11	142	396	0.049	ng/ul	96
7) Acenaphthylene	14.01	152	2545	0.212	ng/ul	98
8) Acenaphthene	14.35	153	672	0.068	ng/ul	96
9) Fluorene	15.35	166	996	0.091	ng/ul#	96
12) Phenanthrene	17.09	178	19622	1.007	ng/ul	98
13) Anthracene	17.18	178	3767m	0.227	ng/ul	
15) Fluoranthene	19.11	202	50486m	1.934	ng/ul	
17) Pyrene	19.47	202	42750	1.481	ng/ul	96
18) Benzo(a)anthracene	21.23	228	24824	0.988	ng/ul	98
19) Chrysene	21.28	228	29266	0.905	ng/ul	97
21) Benzo(b)fluoranthene	22.79	252	42589m	1.654	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	16752m	0.575	ng/ul	
23) Benzo(a)pyrene	23.36	252	28289	1.080	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.67	276	23990	0.767	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.68	278	5339	0.211	ng/ul#	80
26) Benzo(g,h,i)perylene	26.36	276	23237	0.825	ng/ul	96

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

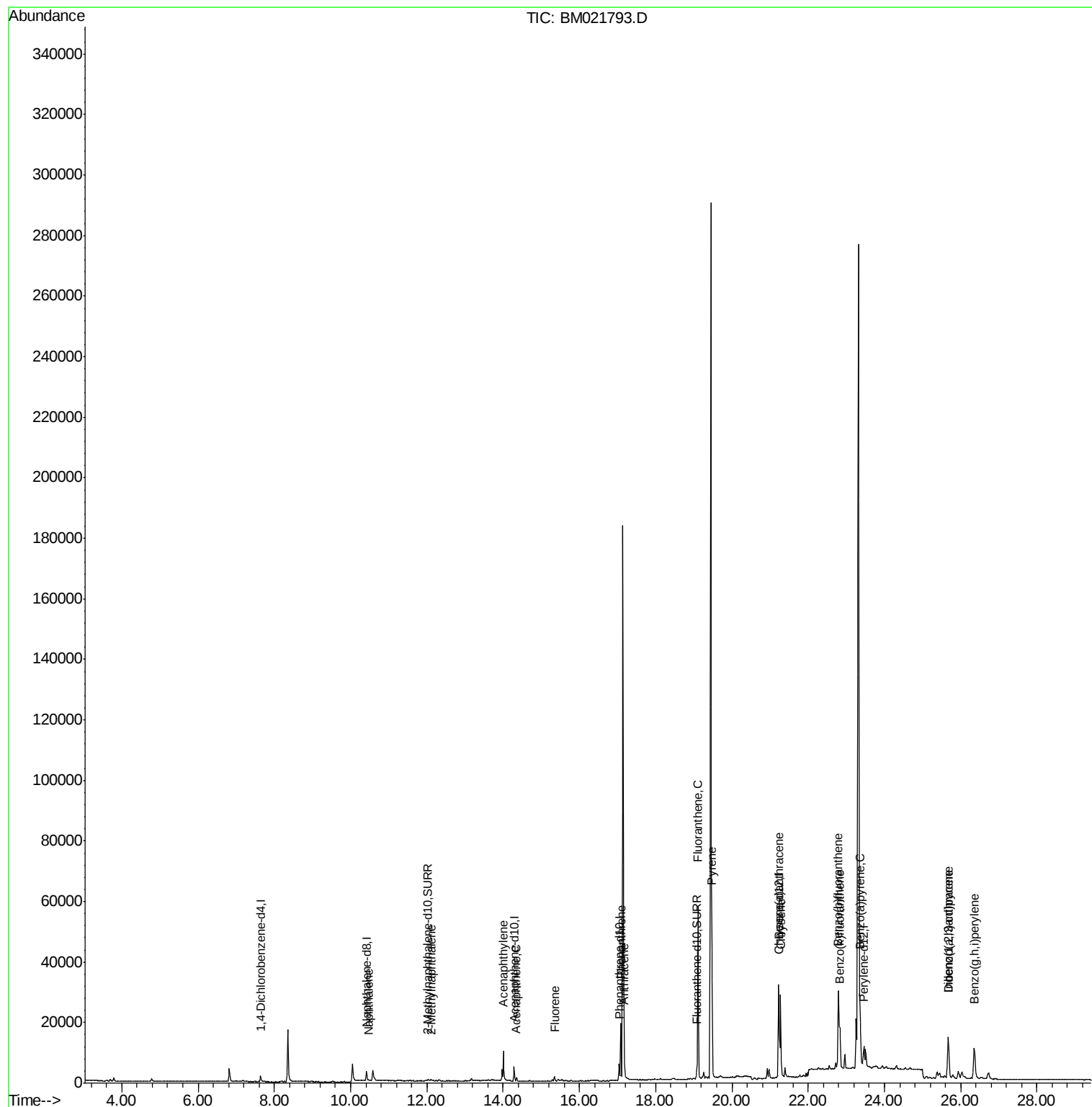
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021793.D
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ALS Vial : 36 Sample Multiplier: 1

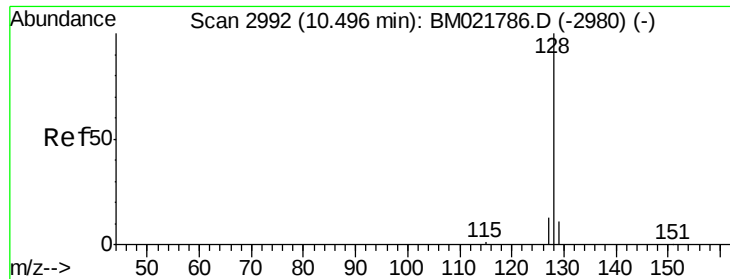
Instrument :
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Quant Time: Aug 04 05:13:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.047 ng/ul

RT: 10.46 min Scan# 2985

Delta R.T. -0.03 min

Lab File: BM021793.D

Acq: 04 Aug 2019 03:15

Instrument :

BNA_M

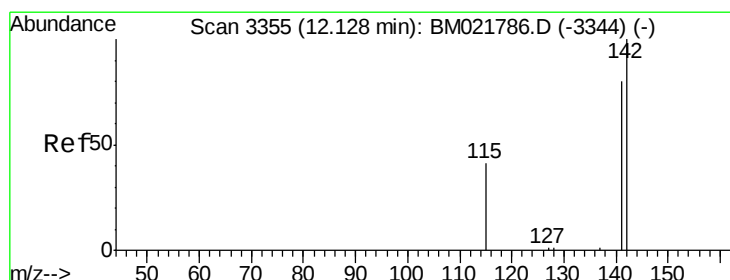
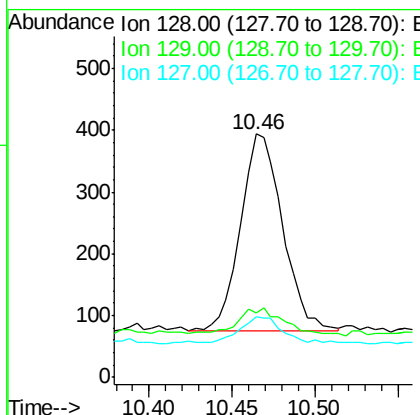
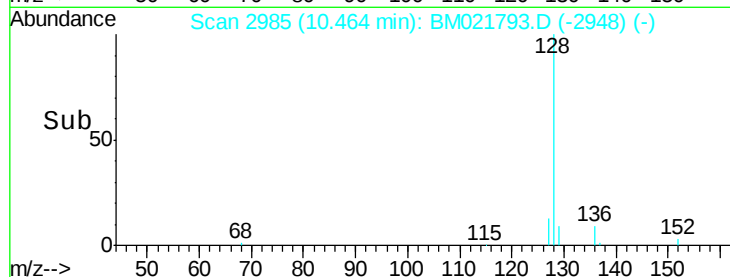
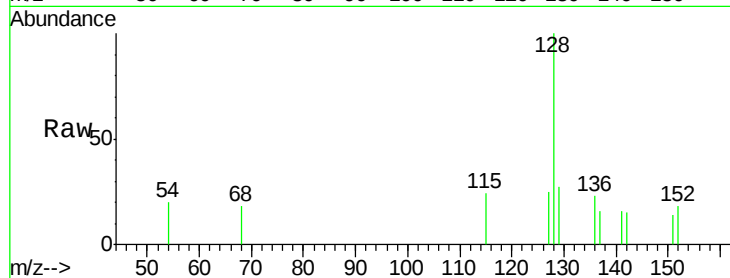
ClientSampleId :

BENS1

Tgt Ion:	128	Resp:	564
Ion Ratio		Lower	Upper
128	100		
129	26.6	12.3	18.5#
127	24.9	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.049 ng/ul

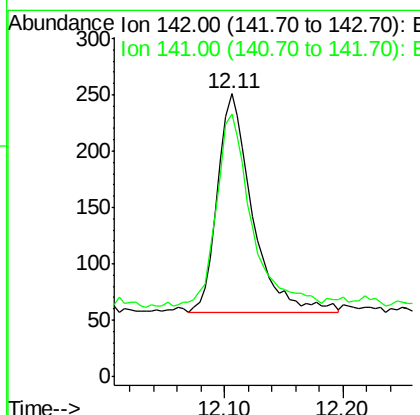
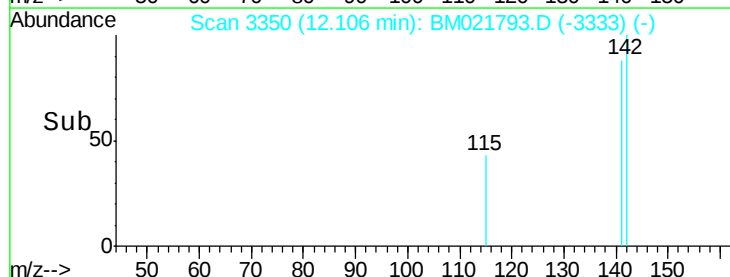
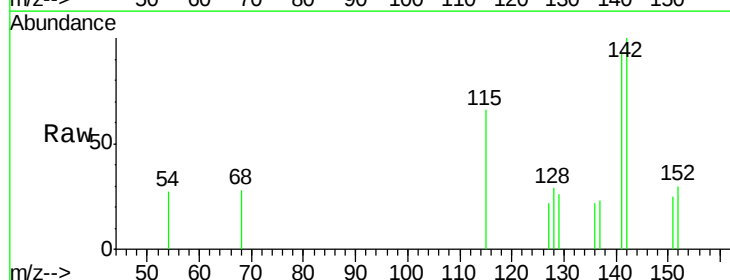
RT: 12.11 min Scan# 3350

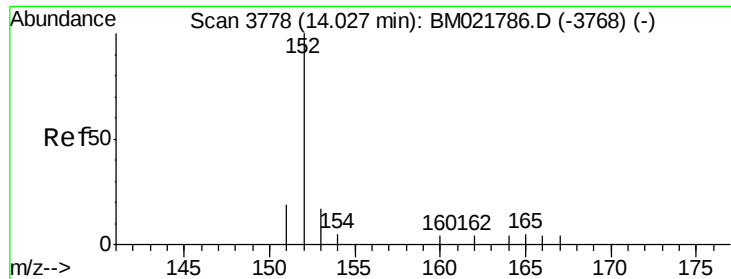
Delta R.T. -0.02 min

Lab File: BM021793.D

Acq: 04 Aug 2019 03:15

Tgt Ion:	142	Resp:	396
Ion Ratio		Lower	Upper
142	100		
141	88.6	74.3	111.5





#7

Acenaphthylene

Concen: 0.212 ng/ul

RT: 14.01 min Scan# 3774

Delta R.T. -0.02 min

Lab File: BM021793.D

Acq: 04 Aug 2019 03:15

Instrument :

BNA_M

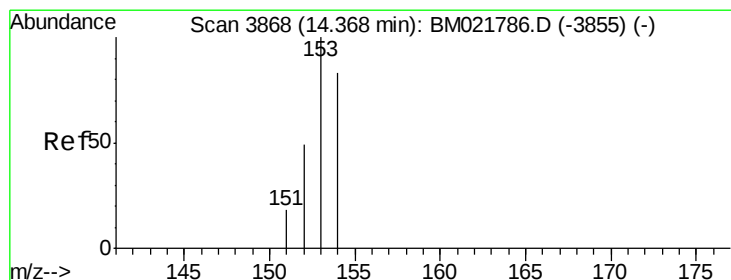
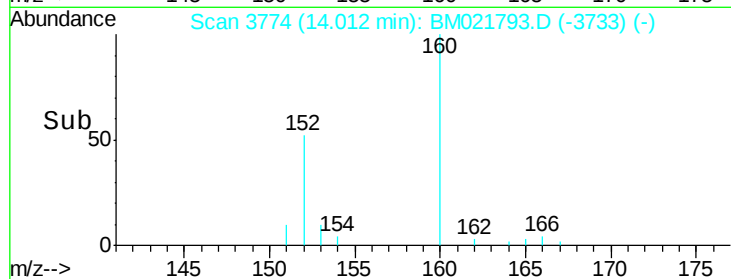
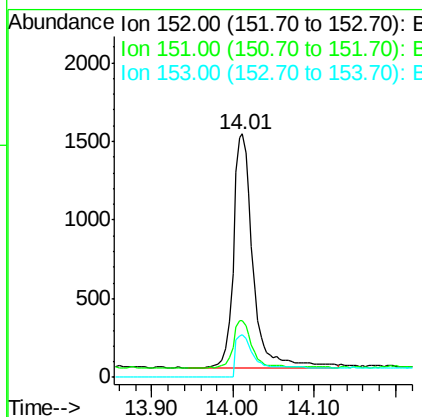
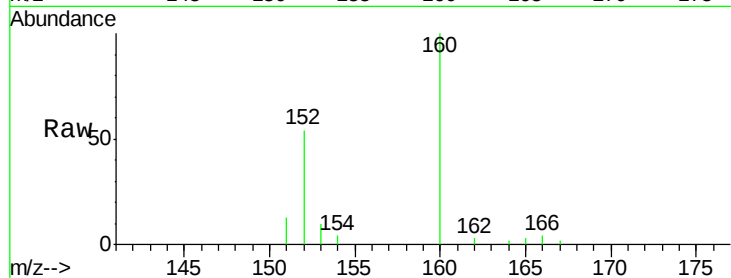
ClientSampleId :

BENS1

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.2	18.3	27.5
153	17.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.068 ng/ul

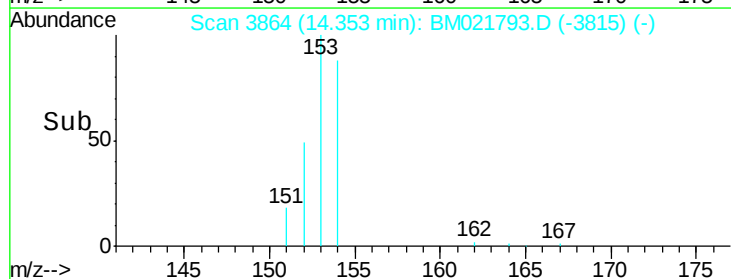
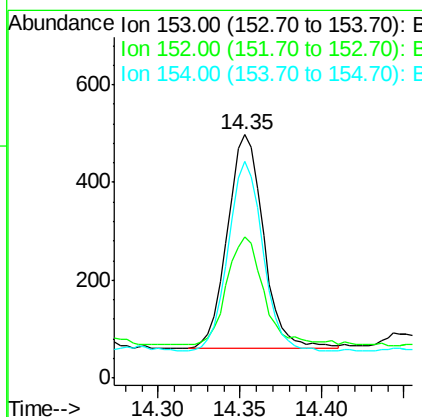
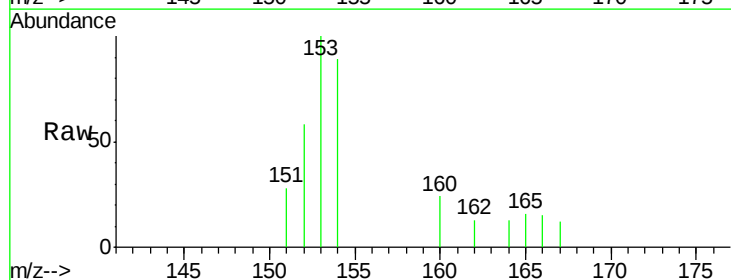
RT: 14.35 min Scan# 3864

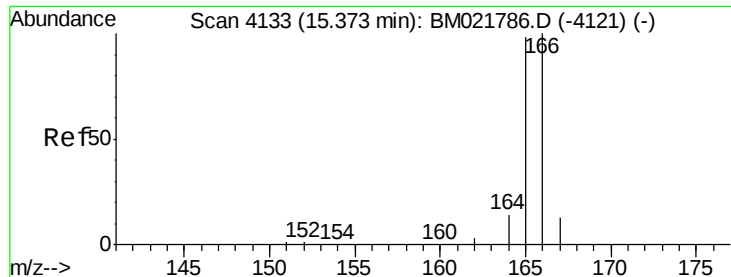
Delta R.T. -0.02 min

Lab File: BM021793.D

Acq: 04 Aug 2019 03:15

Tgt Ion	Ratio	Lower	Upper
153	100		
152	58.2	41.3	61.9
154	89.0	72.3	108.5





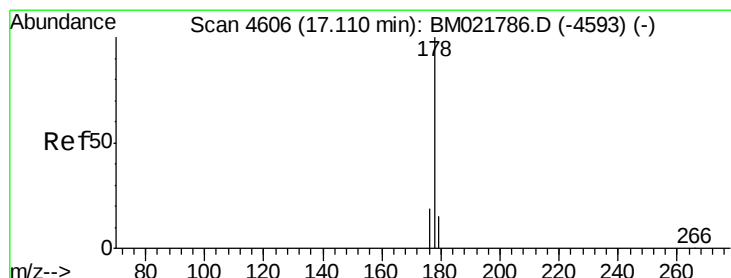
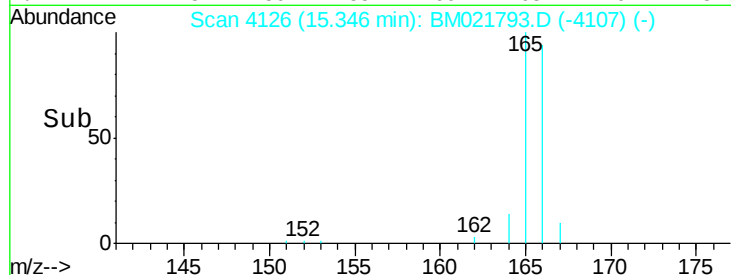
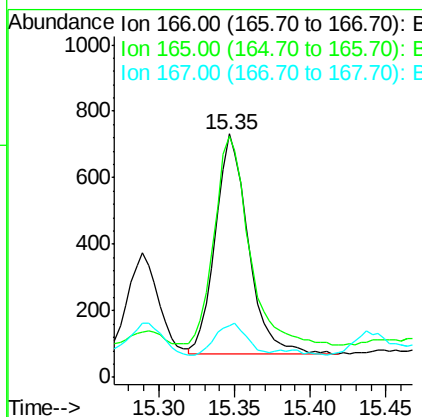
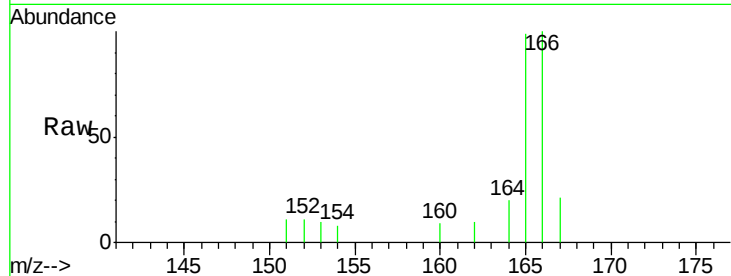
#9
Fluorene
 Concen: 0.091 ng/ul
 RT: 15.35 min Scan# 4126
 Delta R.T. -0.03 min
 Lab File: BM021793.D
 Acq: 04 Aug 2019 03:15

Instrument :
 BNA_M
 ClientSampled :
 BENS1

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	996		
165	98.8		81.4	122.0
167	21.3		13.7	20.5

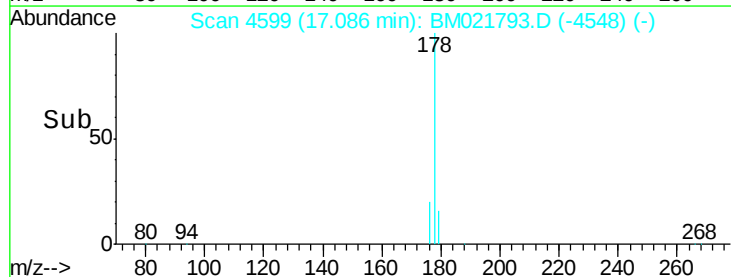
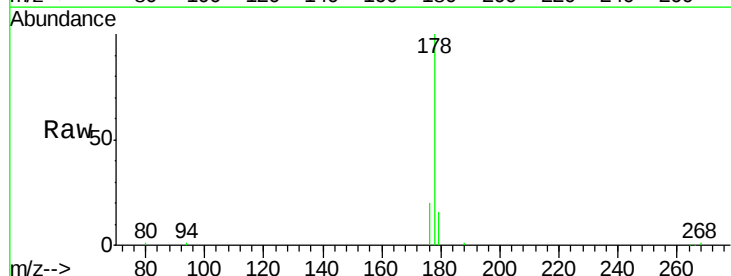
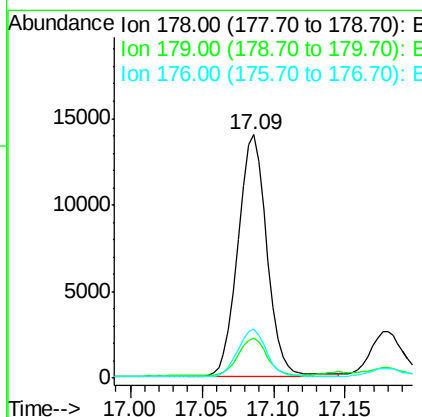
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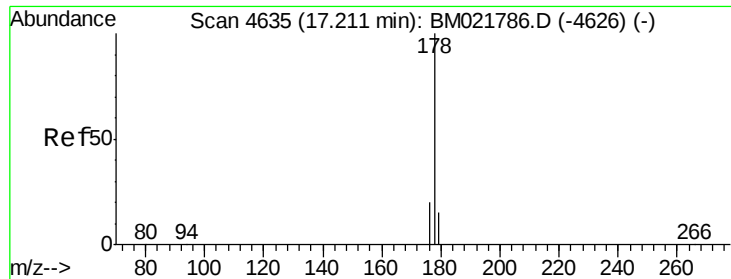
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#12
Phenanthrene
 Concen: 1.007 ng/ul
 RT: 17.09 min Scan# 4599
 Delta R.T. -0.02 min
 Lab File: BM021793.D
 Acq: 04 Aug 2019 03:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	19622		
179	16.3		14.2	21.2
176	20.1		16.8	25.2





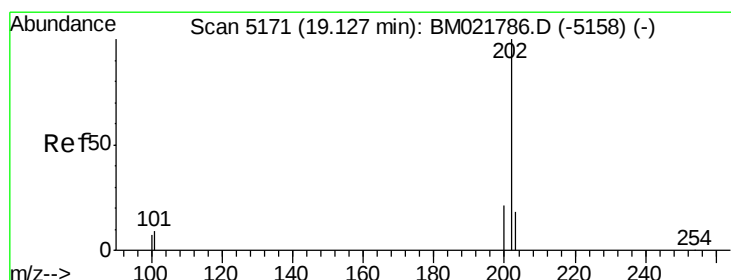
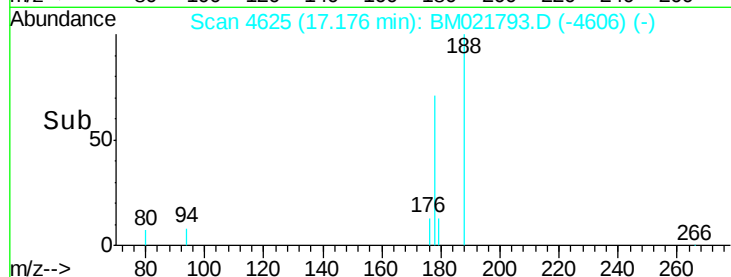
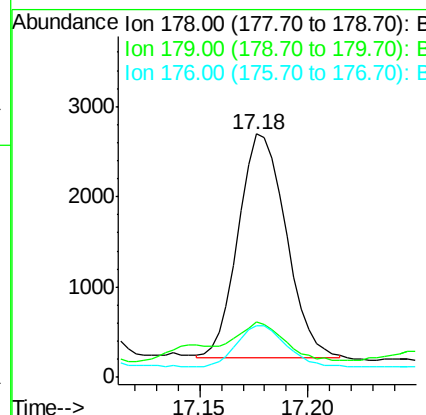
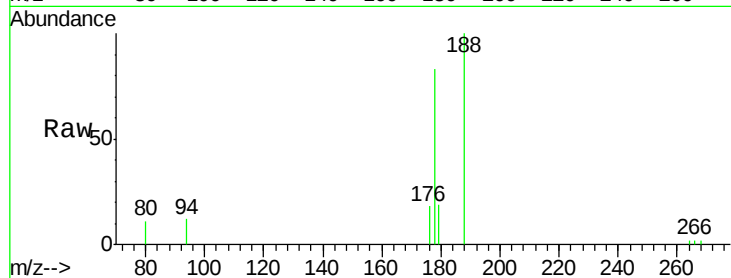
#13
 Anthracene
 Concen: 0.227 ng/ul m
 RT: 17.18 min Scan# 4625
 Delta R.T. -0.03 min
 Lab File: BM021793.D
 Acq: 04 Aug 2019 03:15

Instrument :
 BNA_M
 ClientSampleId :
 BENS1

Tgt Ion:	178	Resp:	3767
Ion	Ratio	Lower	Upper
178	100		
179	22.8	15.5	23.3
176	21.3	16.6	25.0

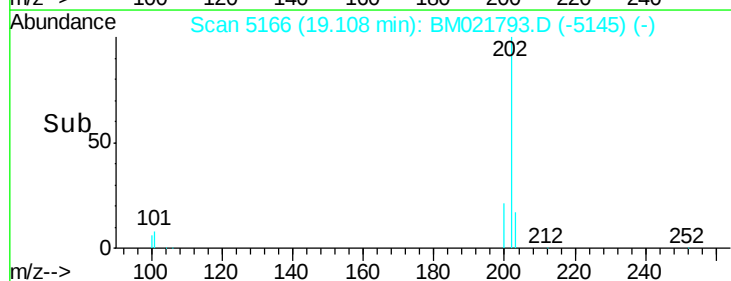
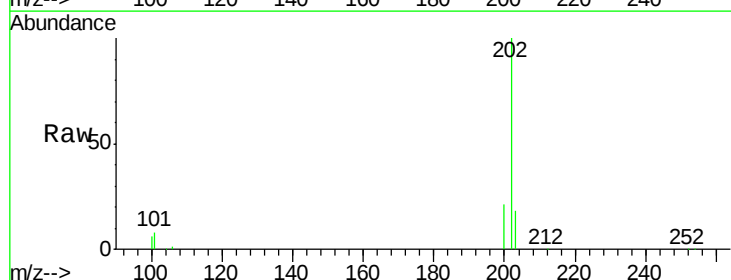
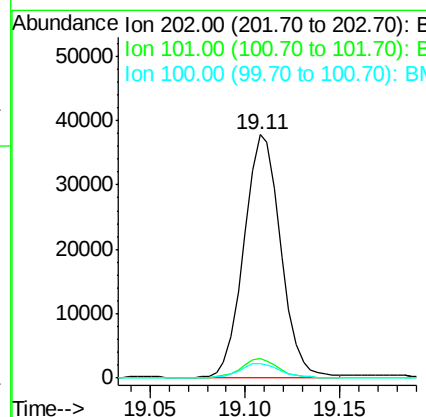
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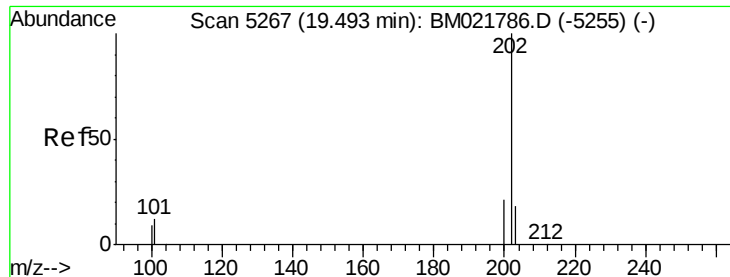
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#15
 Fluoranthene
 Concen: 1.934 ng/ul m
 RT: 19.11 min Scan# 5166
 Delta R.T. -0.02 min
 Lab File: BM021793.D
 Acq: 04 Aug 2019 03:15

Tgt Ion:	202	Resp:	50486
Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	30.2
100	6.2	0.0	28.1





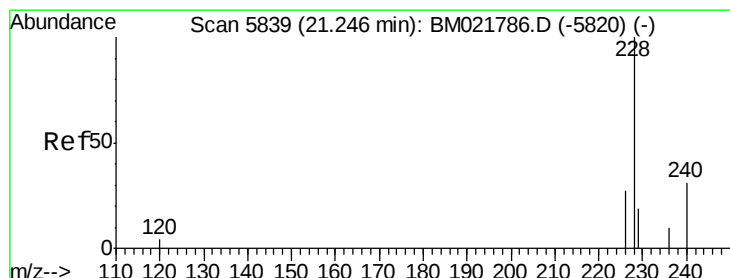
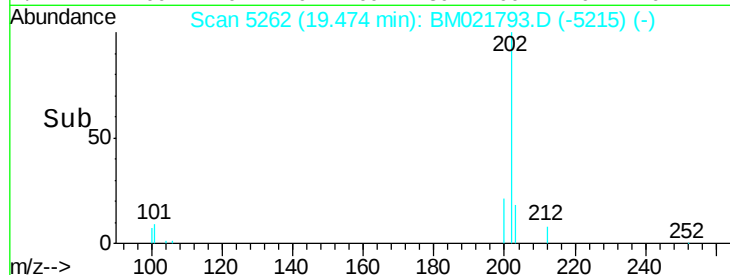
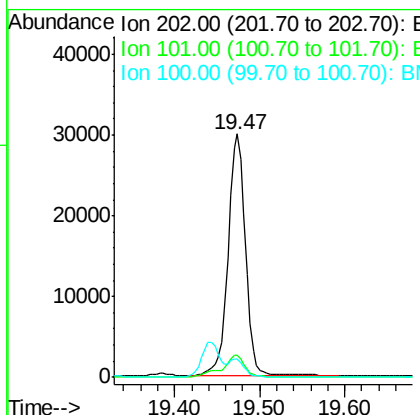
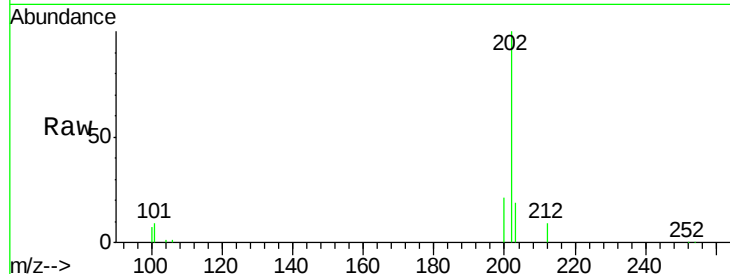
#17
 Pyrene
 Concen: 1.481 ng/u1
 RT: 19.47 min Scan# 5262
 Delta R.T. -0.02 min
 Lab File: BM021793.D
 Acq: 04 Aug 2019 03:15

Instrument :
 BNA_M
 ClientSampleId :
 BENS1

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.0	8.3	12.5
100	7.3	7.2	10.8

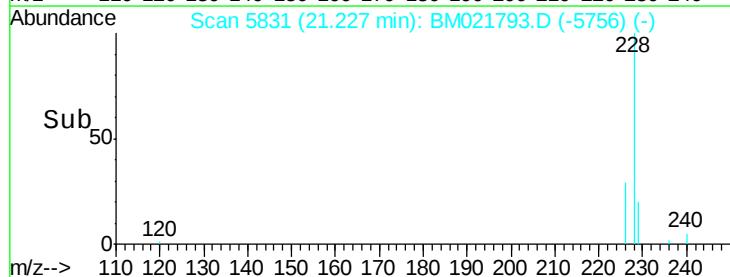
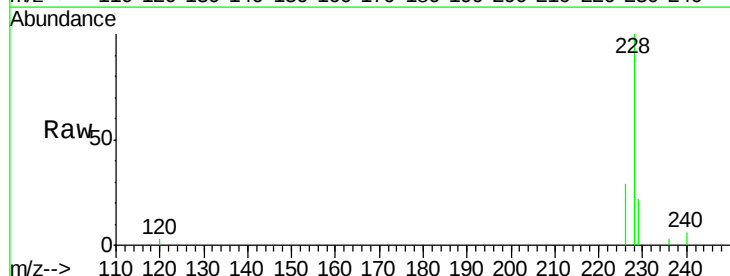
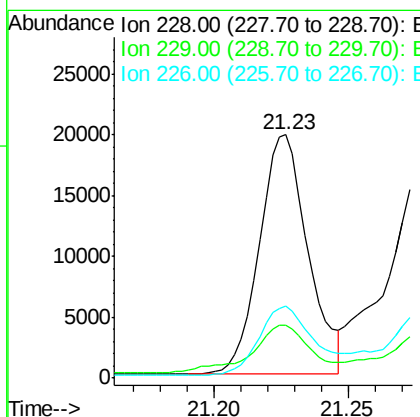
Manual Integrations
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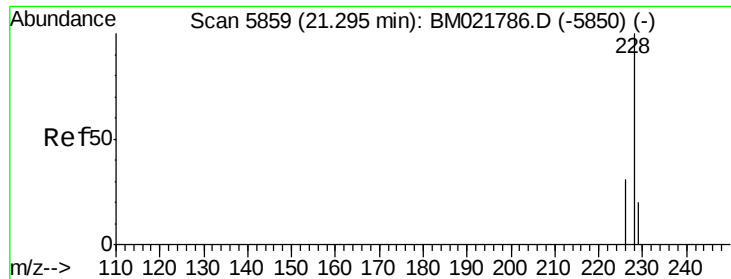
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#18
 Benzo(a)anthracene
 Concen: 0.988 ng/u1
 RT: 21.23 min Scan# 5831
 Delta R.T. -0.02 min
 Lab File: BM021793.D
 Acq: 04 Aug 2019 03:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.9	17.2	25.8
226	29.4	22.6	34.0





#19

Chrysene

Concen: 0.905 ng/ul

RT: 21.28 min Scan# 5852

Delta R.T. -0.02 min

Lab File: BM021793.D

Acq: 04 Aug 2019 03:15

Instrument :

BNA_M

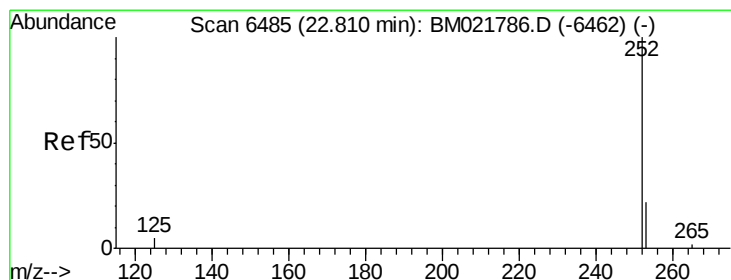
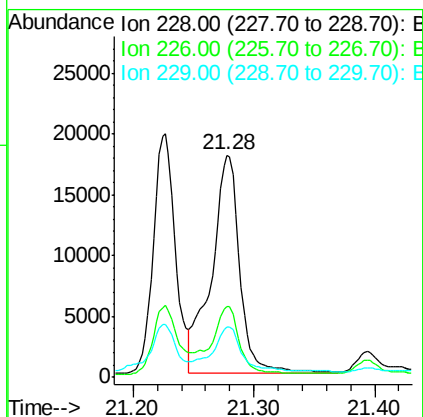
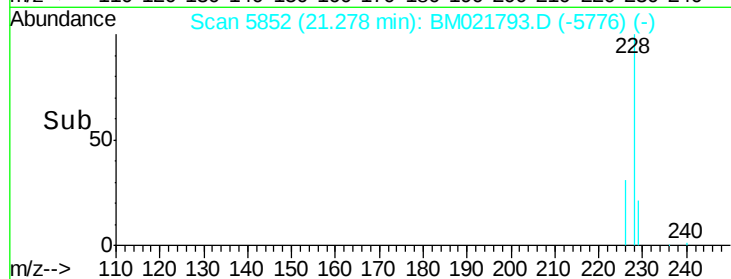
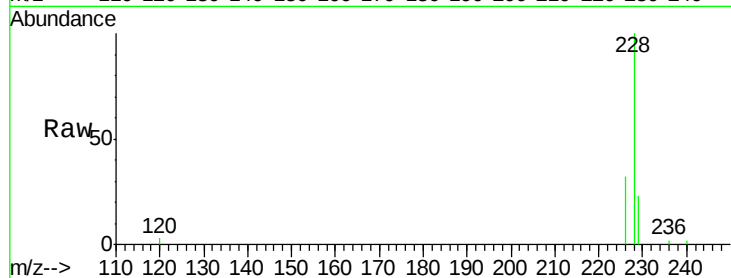
ClientSampleId :

BENS1

Tgt Ion:	228	Resp:	29266
Ion Ratio	Lower	Upper	
228	100		
226	32.0	24.9	37.3
229	22.7	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 1.654 ng/ul m

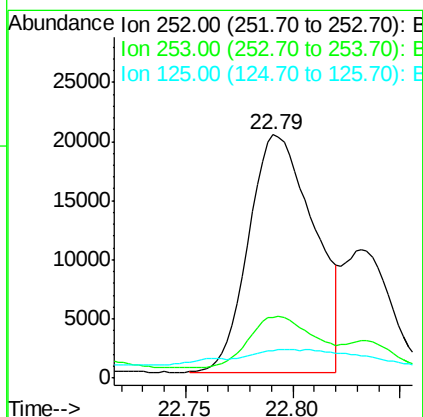
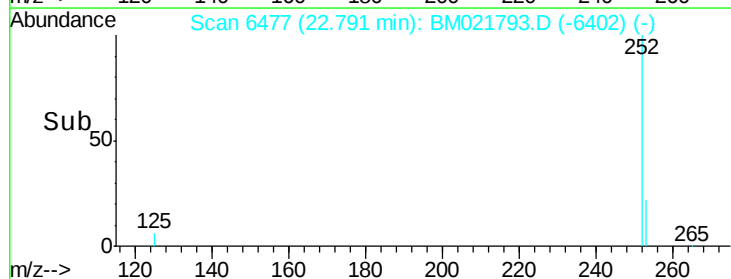
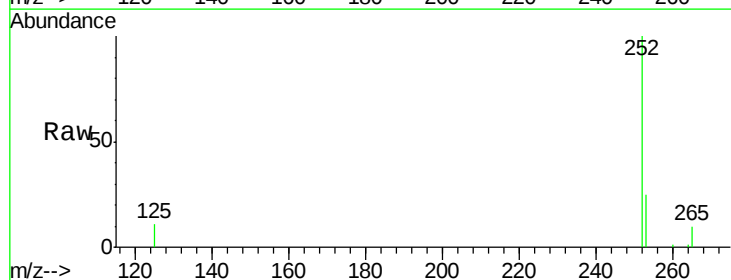
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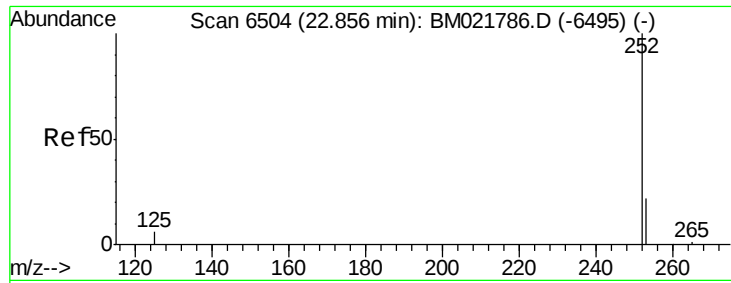
Delta R.T. -0.02 min

Lab File: BM021793.D

Acq: 04 Aug 2019 03:15

Tgt Ion:	252	Resp:	42589
Ion Ratio	Lower	Upper	
252	100		
253	25.1	0.0	67.4
125	11.3	0.0	31.0





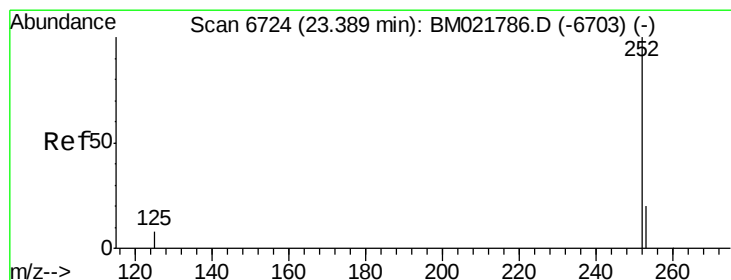
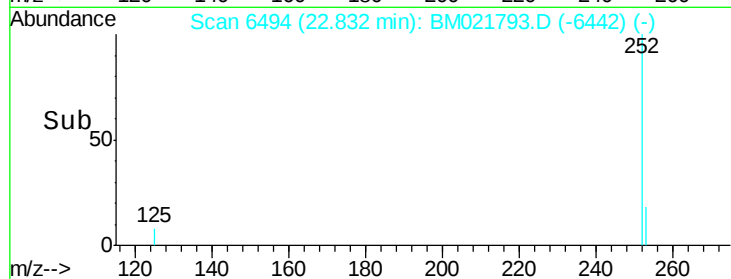
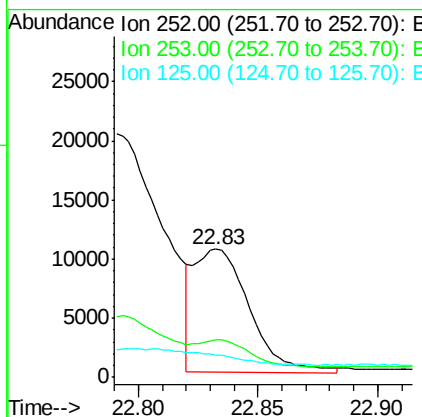
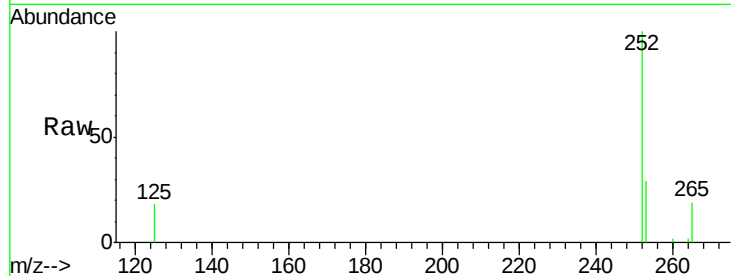
#22
Benzo(k)fluoranthene
Concen: 0.575 ng/ul m
RT: 22.83 min Scan# 6494
Delta R.T. -0.02 min
Lab File: BM021793.D
Acq: 04 Aug 2019 03:15

Instrument :
BNA_M
ClientSampleId :
BENS1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.2	27.0	40.4
125	17.5	12.2	18.2

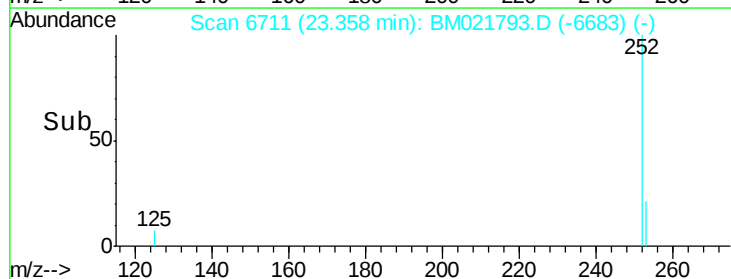
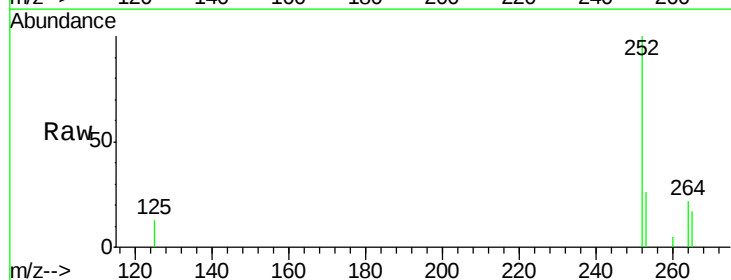
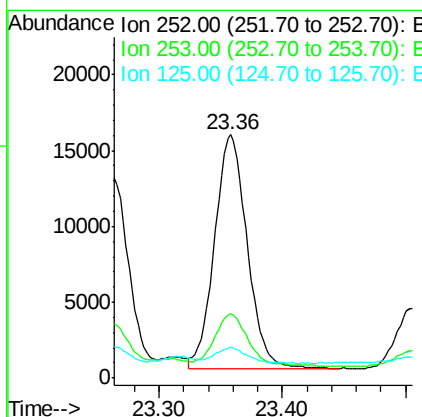
Manual Integrations
APPROVED

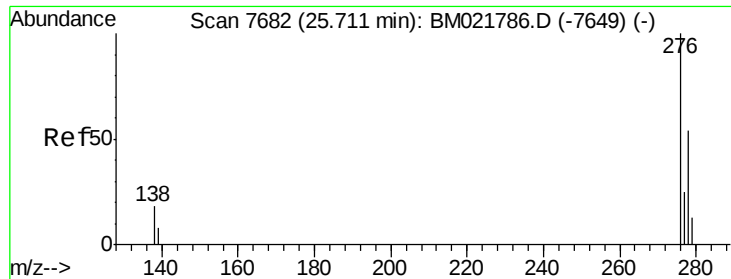
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#23
Benzo(a)pyrene
Concen: 1.080 ng/ul
RT: 23.36 min Scan# 6711
Delta R.T. -0.03 min
Lab File: BM021793.D
Acq: 04 Aug 2019 03:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	31.7	47.5#
125	12.6	14.6	21.8#





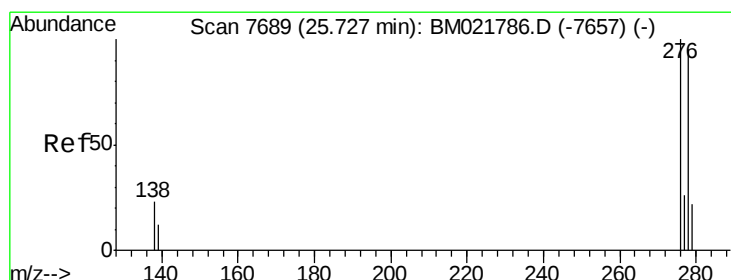
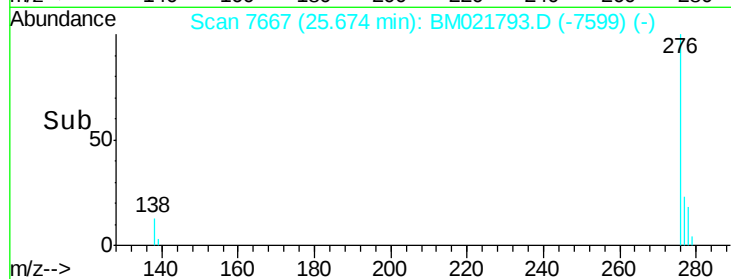
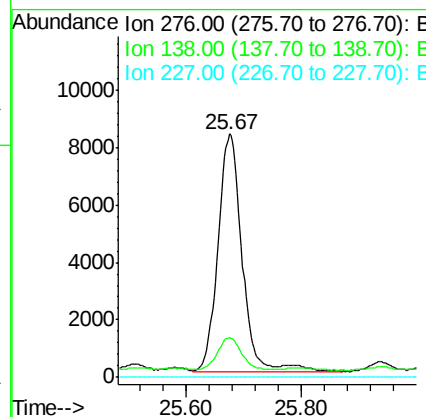
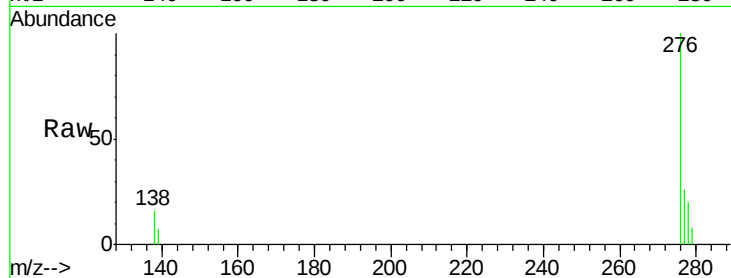
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.767 ng/ul
 RT: 25.67 min Scan# 7667
 Delta R.T. -0.04 min
 Lab File: BM021793.D
 Acq: 04 Aug 2019 03:15

Instrument :
 BNA_M
 ClientSampleId :
 BENS1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.2	15.1	22.7#
227	0.0	0.0	0.0

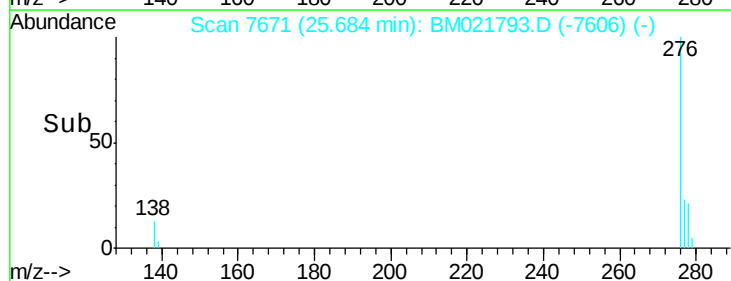
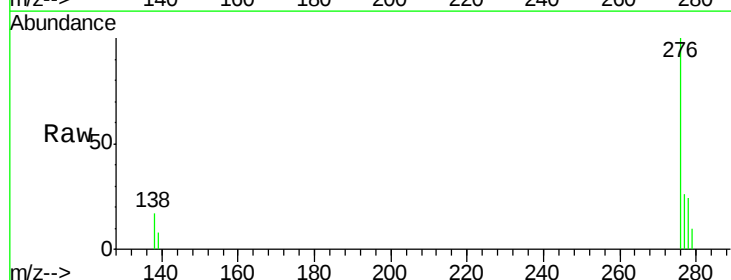
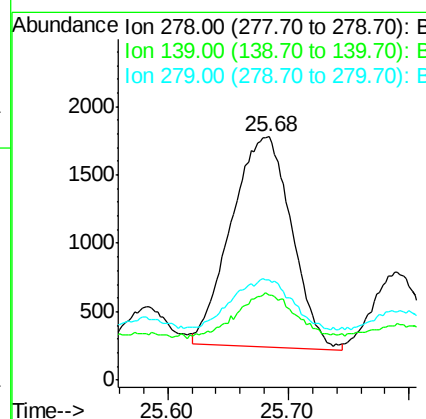
Manual Integrations
 APPROVED

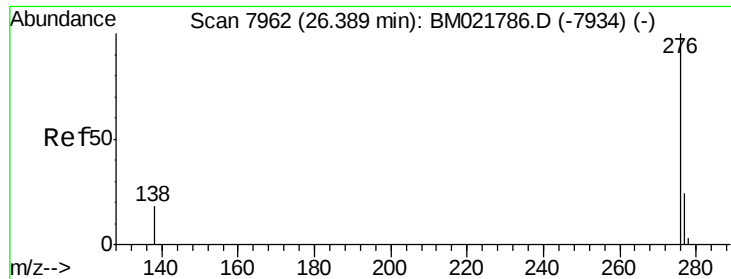
mohammad
 8/5/2019 10:14:34 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.211 ng/ul
 RT: 25.68 min Scan# 7671
 Delta R.T. -0.04 min
 Lab File: BM021793.D
 Acq: 04 Aug 2019 03:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.0	14.2	21.2#
279	41.3	28.3	42.5





#26

Benzo(g,h,i)perylene

Concen: 0.825 ng/ul

RT: 26.36 min Scan# 7949

Delta R.T. -0.03 min

Lab File: BM021793.D

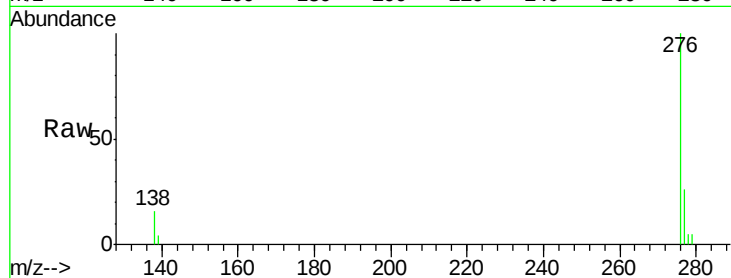
Acq: 04 Aug 2019 03:15

Instrument :

BNA_M

ClientSampleId :

BENS1



Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	15.5	23.3
277	25.7	21.4	32.2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:14:34 PM

