

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021797.D
 Acq On : 04 Aug 2019 05:41
 Operator : HP/JU
 Sample : K3863-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52F7

Manual Integrations
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Quant Time: Aug 04 09:12:52 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	1078	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.42	136	4255	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.29	164	2510	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	6289m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.24	240	6445m	0.40	ng/ul	-0.01
20) Perylene-d12	23.46	264	6574m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1207	0.17	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	3948m	0.19	ng/ul	-0.02
Target Compounds				Qvalue		
12) Phenanthrene	17.08	178	1160m	0.063	ng/ul	
15) Fluoranthene	19.11	202	4084m	0.167	ng/ul	
17) Pyrene	19.47	202	4291	0.162	ng/ul#	94
18) Benzo(a)anthracene	21.23	228	1382	0.060	ng/ul#	84
19) Chrysene	21.28	228	2406	0.081	ng/ul#	91
21) Benzo(b)fluoranthene	22.79	252	3431m	0.155	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	1131m	0.045	ng/ul	
23) Benzo(a)pyrene	23.36	252	1803m	0.080	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.69	276	1620m	0.060	ng/ul	
26) Benzo(g,h,i)perylene	26.37	276	1680m	0.069	ng/ul	

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

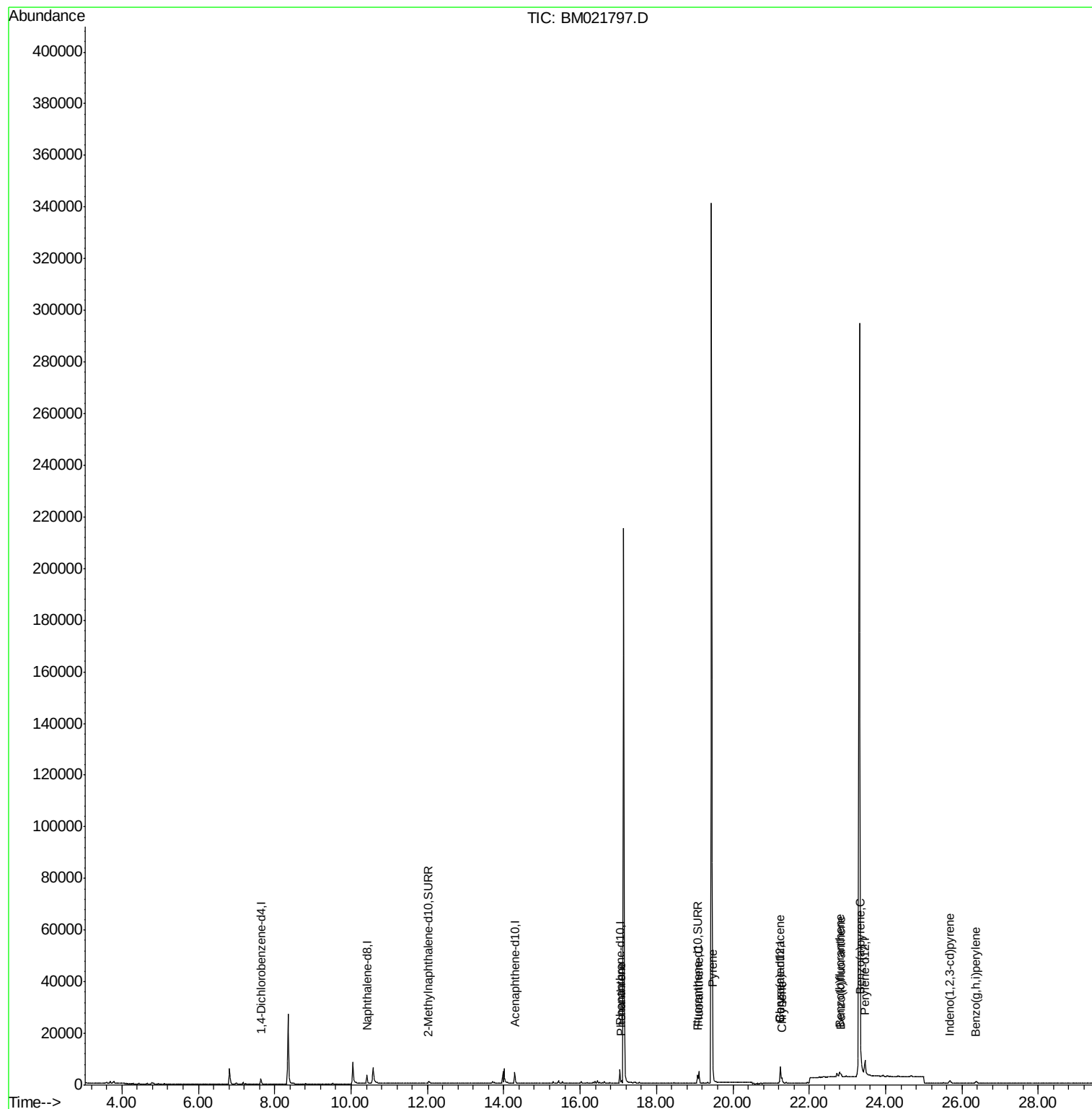
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021797.D
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Misc :
ALS Vial : 40 Sample Multiplier: 1

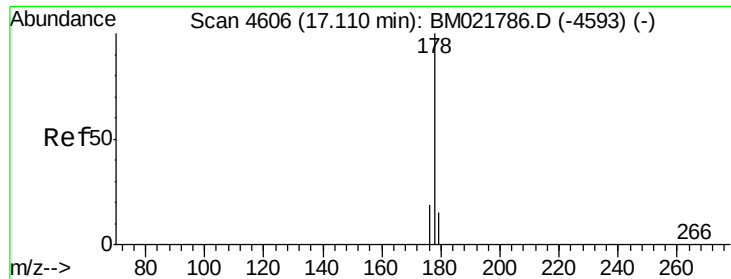
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Aug 04 09:12:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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#12

Phenanthrene

Concen: 0.063 ng/ul m

RT: 17.08 min Scan# 4598

Delta R.T. -0.03 min

Lab File: BM021797.D

Acq: 04 Aug 2019 05:41

Instrument :

BNA_M

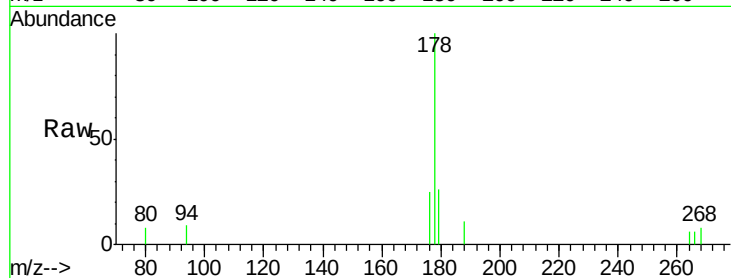
ClientSampleId :

A52F7

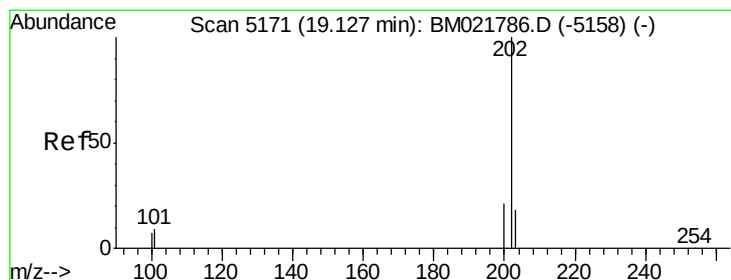
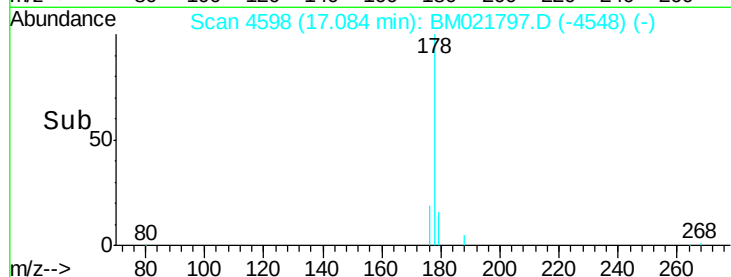
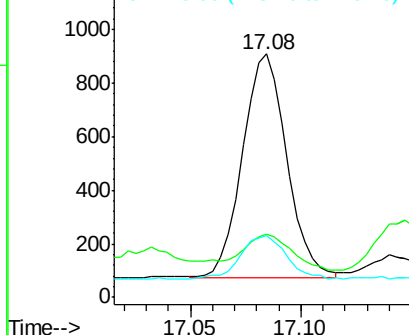
Tgt Ion:	178	Resp:	1160
Ion Ratio	Lower	Upper	
178	100		
179	25.7	14.2	21.2#
176	25.3	16.8	25.2#

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.167 ng/ul m

RT: 19.11 min Scan# 5166

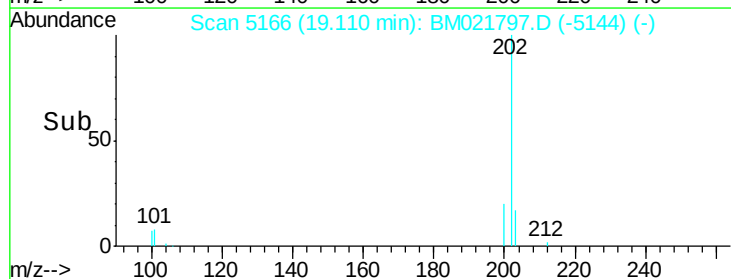
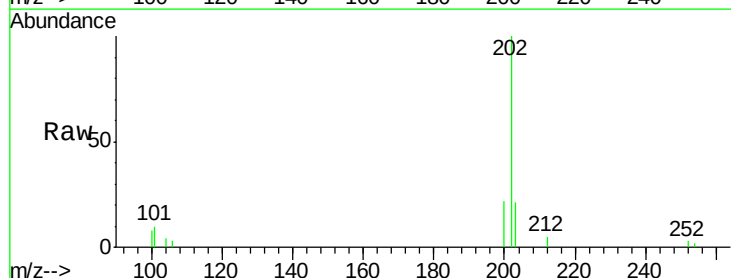
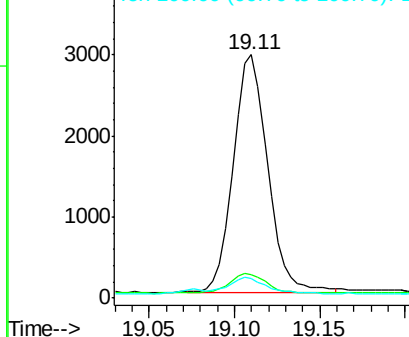
Delta R.T. -0.02 min

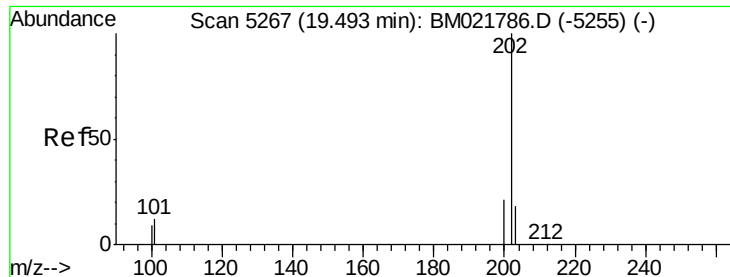
Lab File: BM021797.D

Acq: 04 Aug 2019 05:41

Tgt Ion:	202	Resp:	4084
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.2
100	8.1	0.0	28.1

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





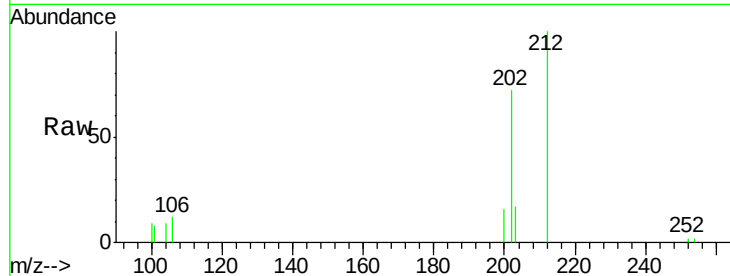
#17
Pyrene
Concen: 0.162 ng/ul
RT: 19.47 min Scan# 5261
Delta R.T. -0.02 min
Lab File: BM021797.D
Acq: 04 Aug 2019 05:41

Instrument :
BNA_M
ClientSampleId :
A52F7

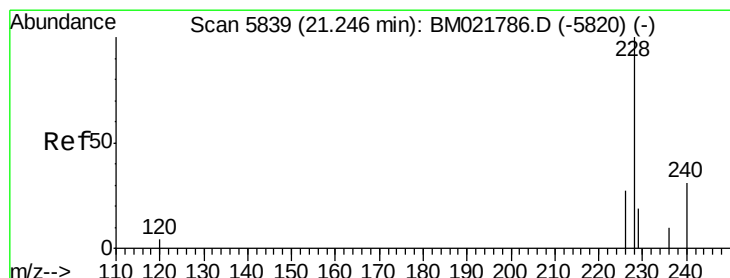
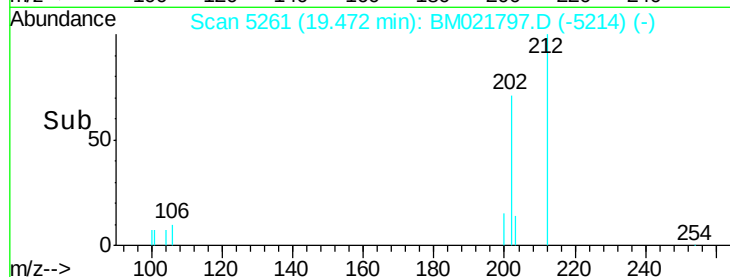
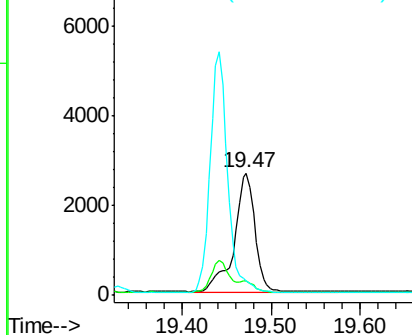
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.7	8.3	12.5
100	11.9	7.2	10.8

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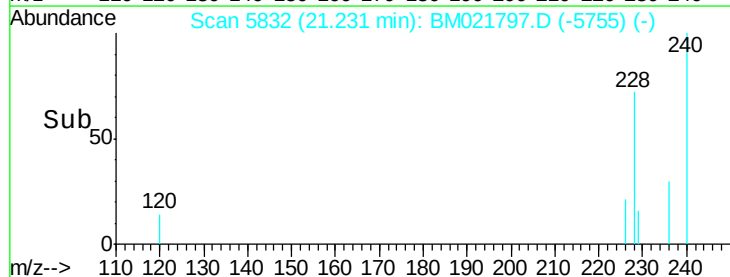
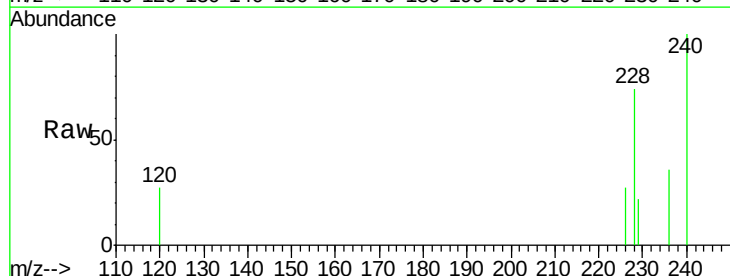
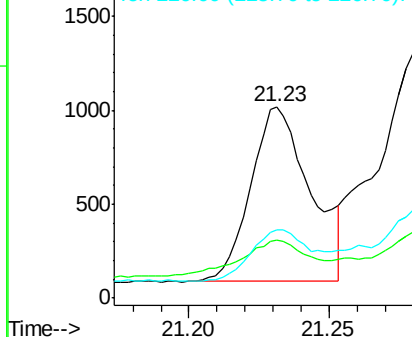
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

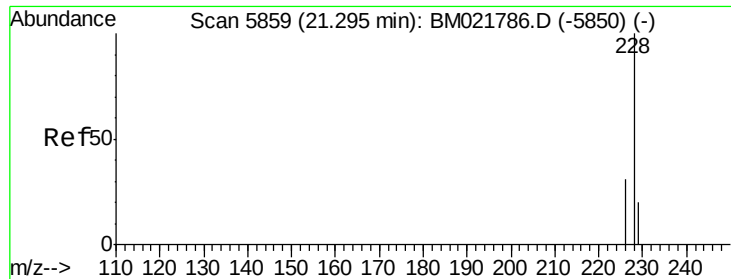


#18
Benzo(a)anthracene
Concen: 0.060 ng/ul
RT: 21.23 min Scan# 5832
Delta R.T. -0.01 min
Lab File: BM021797.D
Acq: 04 Aug 2019 05:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	30.1	17.2	25.8
226	36.0	22.6	34.0

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.081 ng/ul

RT: 21.28 min Scan# 5853

Delta R.T. -0.01 min

Lab File: BM021797.D

Acq: 04 Aug 2019 05:41

Instrument :

BNA_M

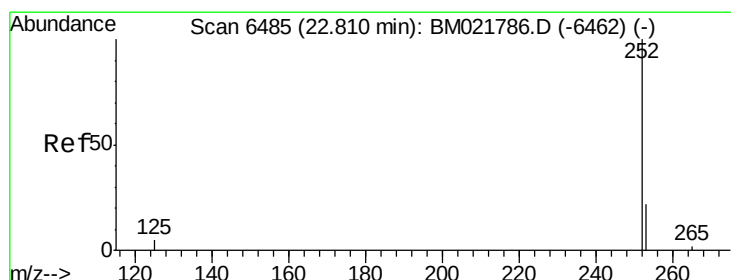
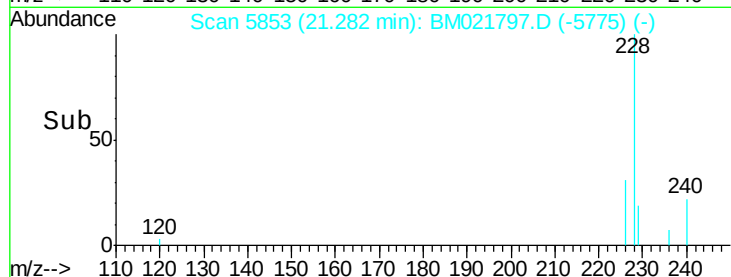
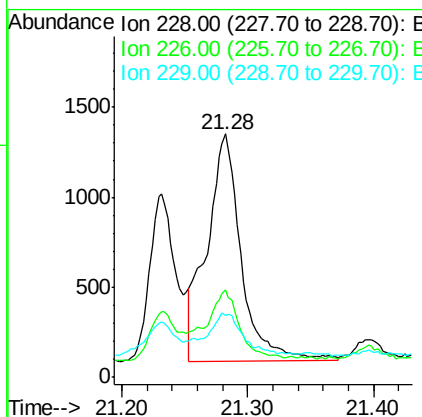
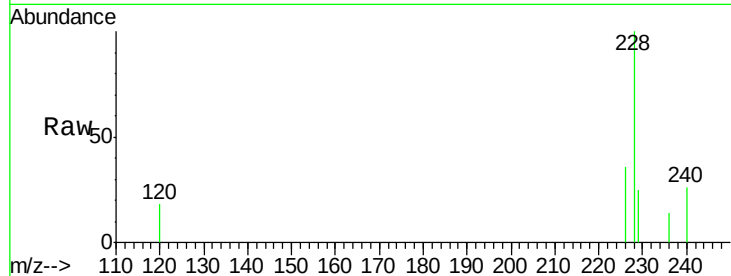
ClientSampleId :

A52F7

Tgt Ion:	228	Resp:	2406
Ion Ratio	Lower	Upper	
228	100		
226	35.7	24.9	37.3
229	25.4	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 0.155 ng/ul m

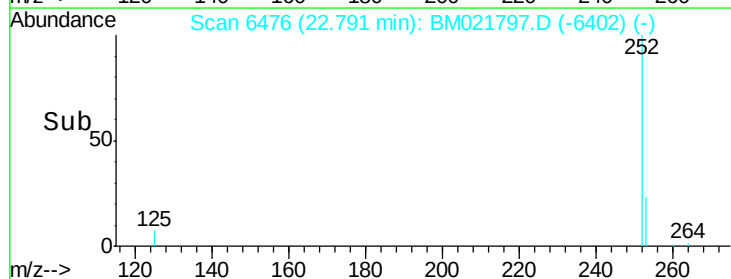
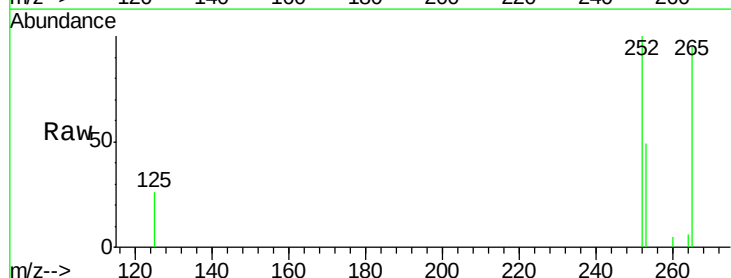
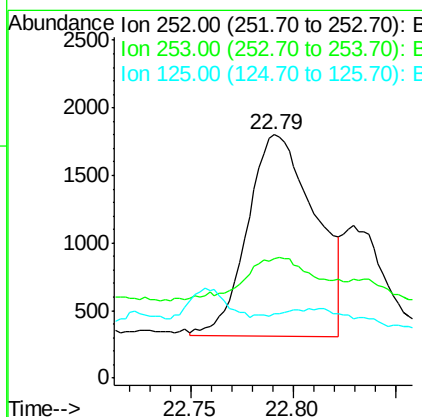
RT: 22.79 min Scan# 6476

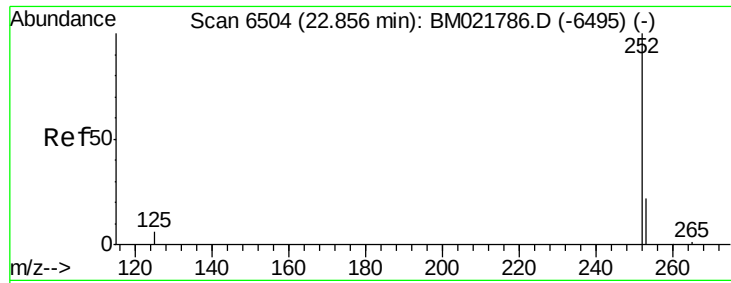
Delta R.T. -0.02 min

Lab File: BM021797.D

Acq: 04 Aug 2019 05:41

Tgt Ion:	252	Resp:	3431
Ion Ratio	Lower	Upper	
252	100		
253	49.1	0.0	67.4
125	26.5	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.045 ng/ul m

RT: 22.83 min Scan# 6492

Delta R.T. -0.03 min

Lab File: BM021797.D

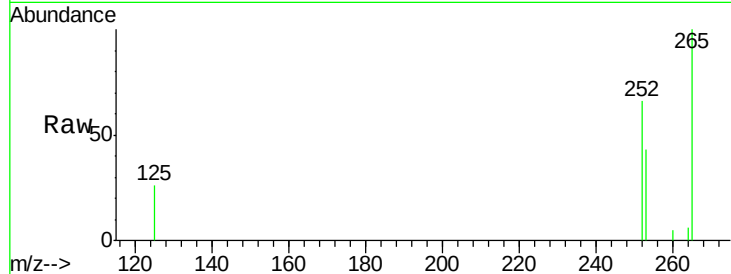
Acq: 04 Aug 2019 05:41

Instrument :

BNA_M

ClientSampleId :

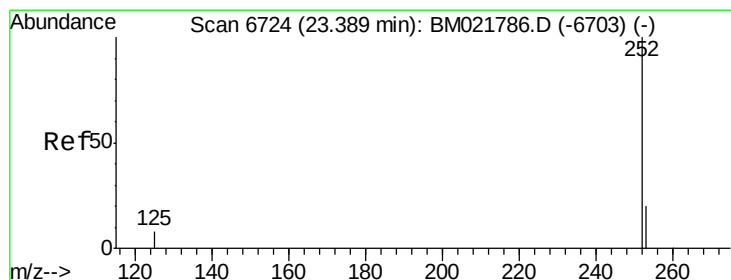
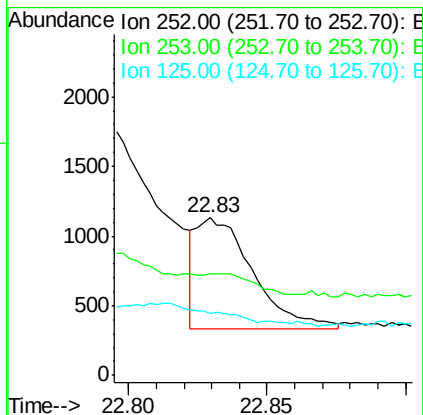
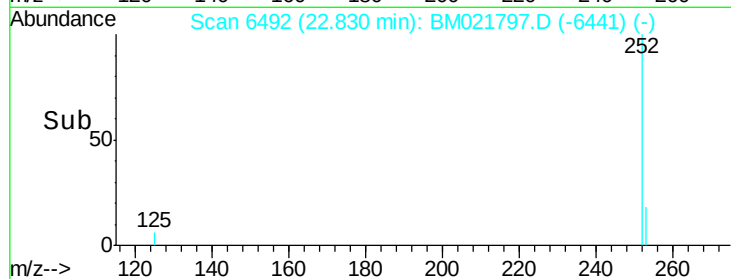
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	64.4	27.0	40.4#
125	38.9	12.2	18.2#

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#23

Benzo(a)pyrene

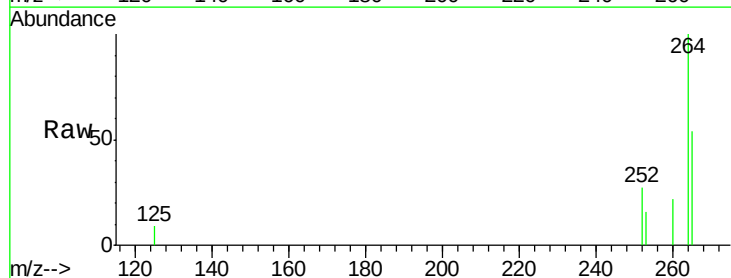
Concen: 0.080 ng/ul m

RT: 23.36 min Scan# 6709

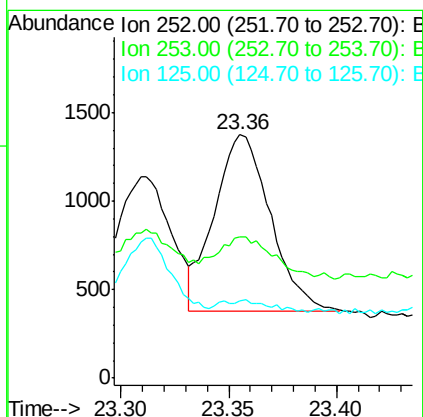
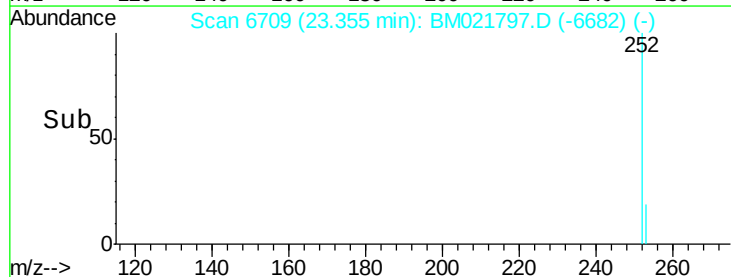
Delta R.T. -0.03 min

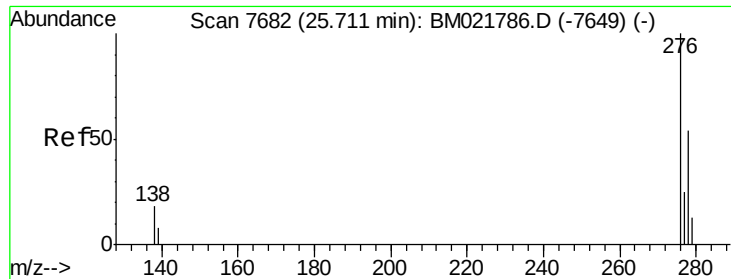
Lab File: BM021797.D

Acq: 04 Aug 2019 05:41



Tgt Ion	Ratio	Lower	Upper
252	100		
253	57.9	31.7	47.5#
125	31.6	14.6	21.8#





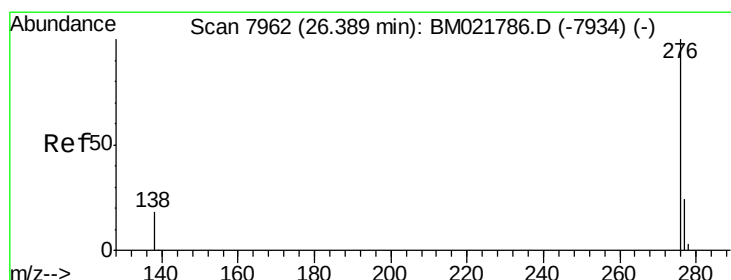
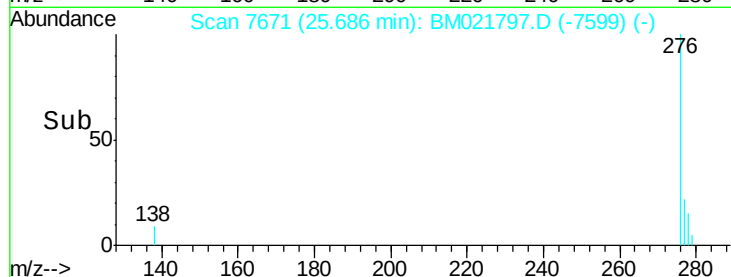
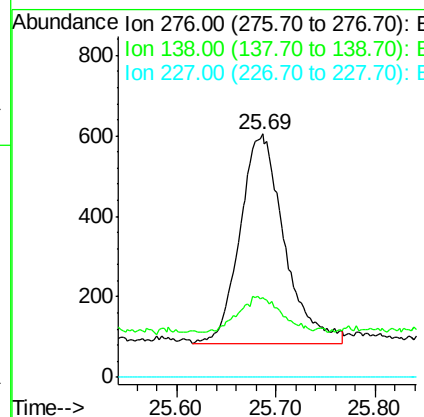
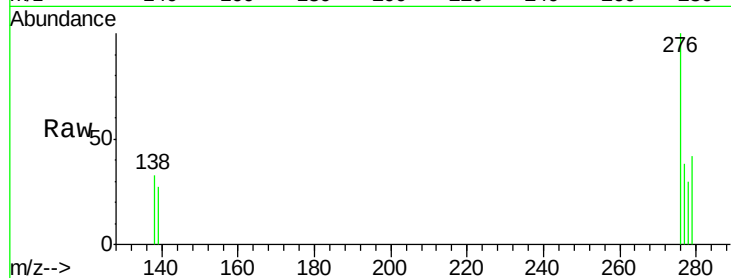
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.060 ng/ul m
 RT: 25.69 min Scan# 7671
 Delta R.T. -0.02 min
 Lab File: BM021797.D
 Acq: 04 Aug 2019 05:41

Instrument :
 BNA_M
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 A52F7

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

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#26
 Benzo(g,h,i)perylene
 Concen: 0.069 ng/ul m
 RT: 26.37 min Scan# 7952
 Delta R.T. -0.02 min
 Lab File: BM021797.D
 Acq: 04 Aug 2019 05:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	32.7	15.5	23.3#
277	39.4	21.4	32.2#

