

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022080.D
 Acq On : 13 Aug 2019 21:15
 Operator : HP/JU
 Sample : K4183-19
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK4

Manual Integrations
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Quant Time: Aug 14 08:03:26 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 07:18:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	734	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3217	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	1834	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4449m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.23	240	4139m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4187m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1618	0.30	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	4363m	0.29	ng/ul	-0.02
Target Compounds				Qvalue		
12) Phenanthrene	17.06	178	926m	0.072	ng/ul	
15) Fluoranthene	19.08	202	1660m	0.096	ng/ul	
17) Pyrene	19.45	202	1459	0.086	ng/ul#	67
18) Benzo(a)anthracene	21.22	228	953	0.064	ng/ul#	79
19) Chrysene	21.27	228	819	0.043	ng/ul#	77
21) Benzo(b)fluoranthene	22.77	252	1019m	0.072	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	474m	0.030	ng/ul	
23) Benzo(a)pyrene	23.33	252	600	0.042	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.67	276	454	0.026	ng/ul#	67
26) Benzo(g,h,i)perylene	26.34	276	481	0.031	ng/ul#	1

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

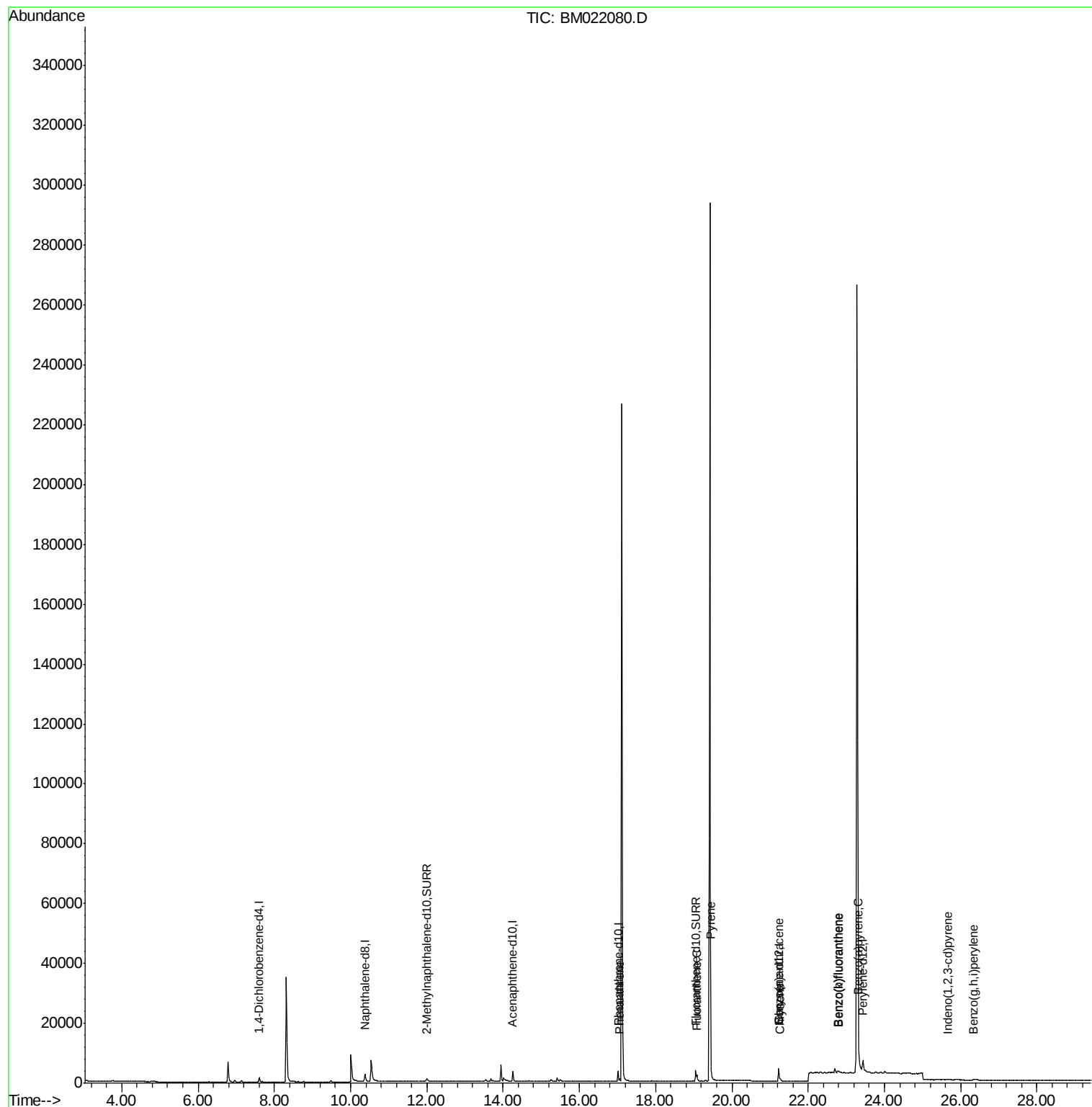
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022080.D
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Sample : K4183-19
Misc :
ALS Vial : 60 Sample Multiplier: 1

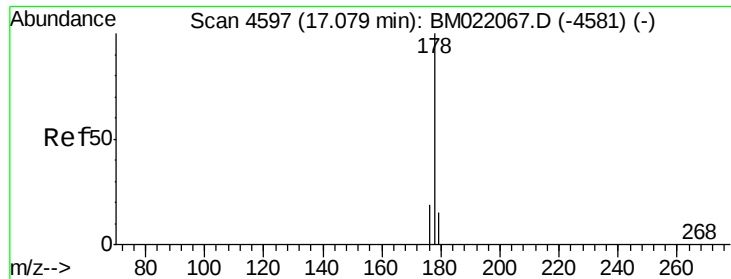
Instrument :
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ClientSampleId :
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#12

Phenanthrene

Concen: 0.072 ng/ul m

RT: 17.06 min Scan# 4590

Delta R.T. -0.02 min

Lab File: BM022080.D

Acq: 13 Aug 2019 21:15

Instrument :

BNA_M

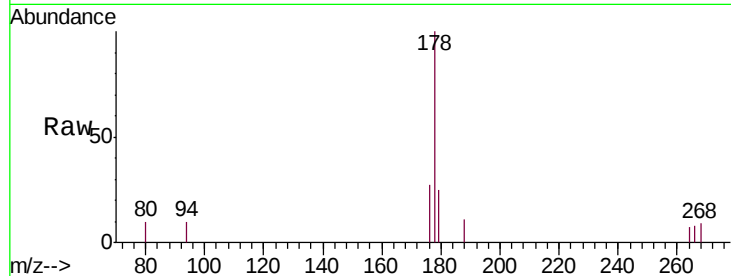
ClientSampleId :

C0AK4

Tgt Ion:	178	Resp:	926
Ion Ratio	Lower	Upper	
178	100		
179	24.8	14.2	21.2#
176	26.9	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

17.06

800

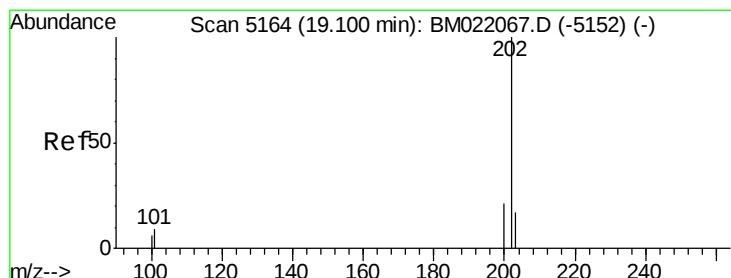
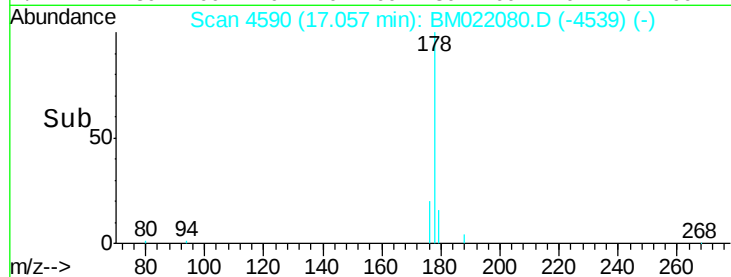
600

400

200

0

Time-->



#15

Fluoranthene

Concen: 0.096 ng/ul m

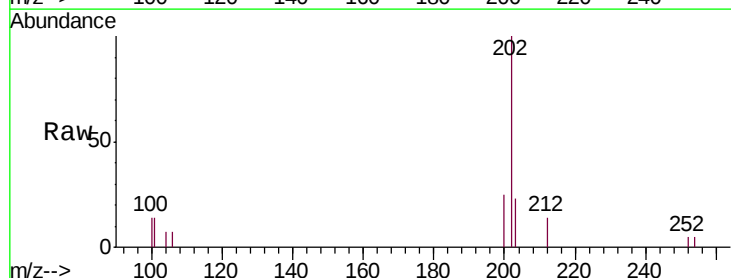
RT: 19.08 min Scan# 5159

Delta R.T. -0.02 min

Lab File: BM022080.D

Acq: 13 Aug 2019 21:15

Tgt Ion:	202	Resp:	1660
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	30.2
100	13.5	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

19.08

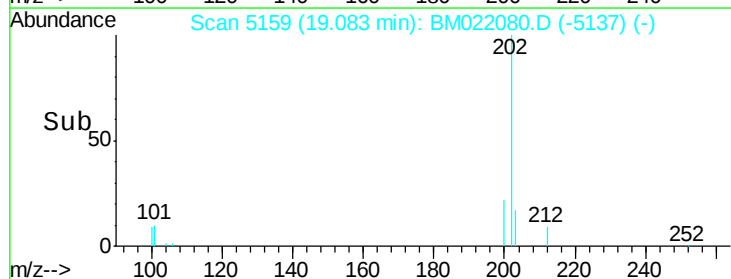
1500

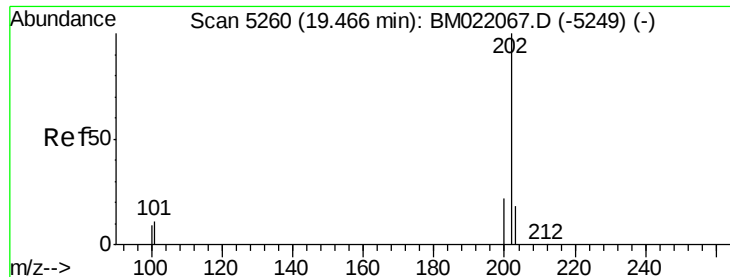
1000

500

0

Time-->





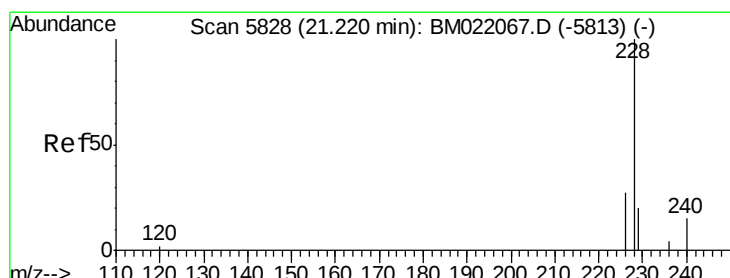
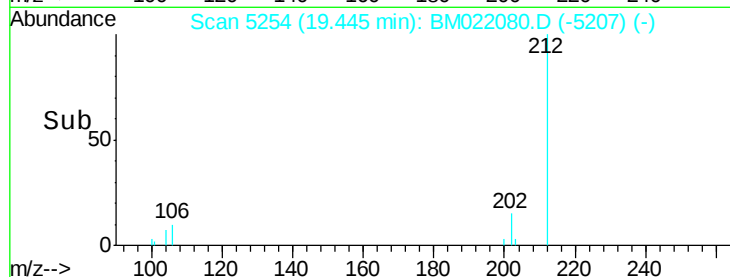
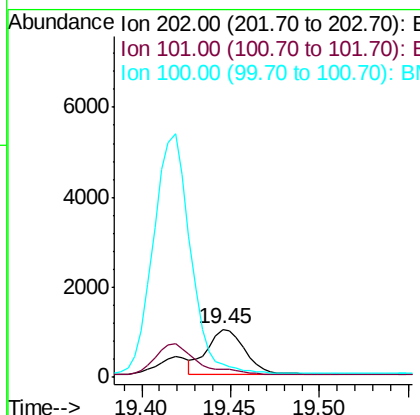
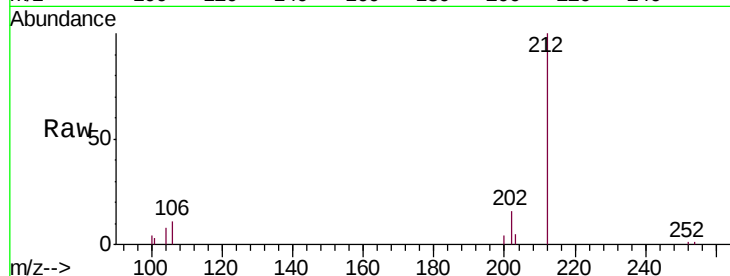
#17
Pyrene
Concen: 0.086 ng/u1
RT: 19.45 min Scan# 5254
Delta R.T. -0.02 min
Lab File: BM022080.D
Acq: 13 Aug 2019 21:15

Instrument :
BNA_M
ClientSampleId :
C0AK4

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1459		
101	17.3	8.3	12.5#	
100	26.9	7.2	10.8#	

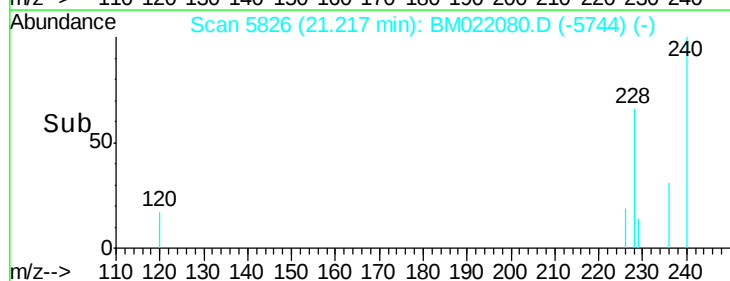
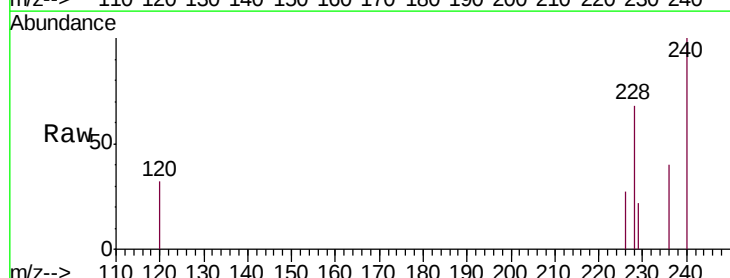
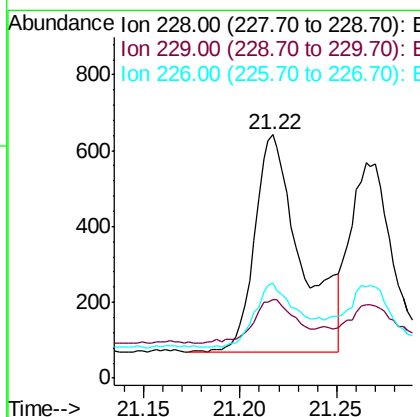
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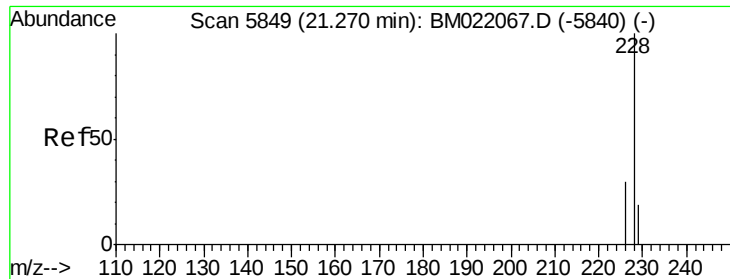
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#18
Benzo(a)anthracene
Concen: 0.064 ng/u1
RT: 21.22 min Scan# 5826
Delta R.T. -0.00 min
Lab File: BM022080.D
Acq: 13 Aug 2019 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	953		
229	32.1	17.2	25.8#	
226	39.1	22.6	34.0#	





#19

Chrysene

Concen: 0.043 ng/ul

RT: 21.27 min Scan# 5846

Delta R.T. -0.01 min

Lab File: BM022080.D

Acq: 13 Aug 2019 21:15

Instrument :

BNA_M

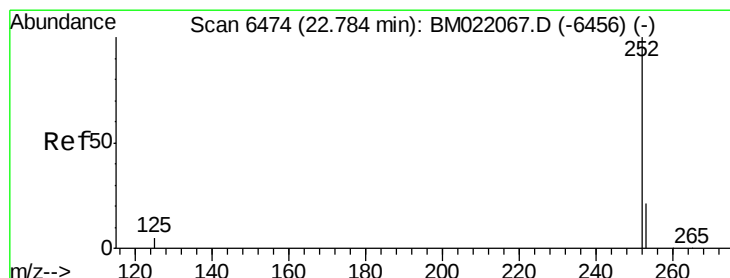
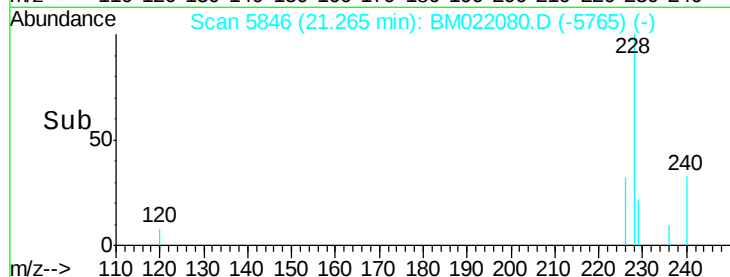
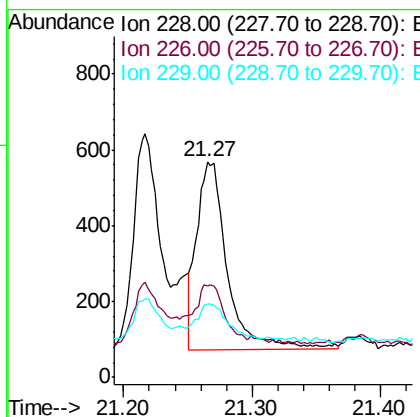
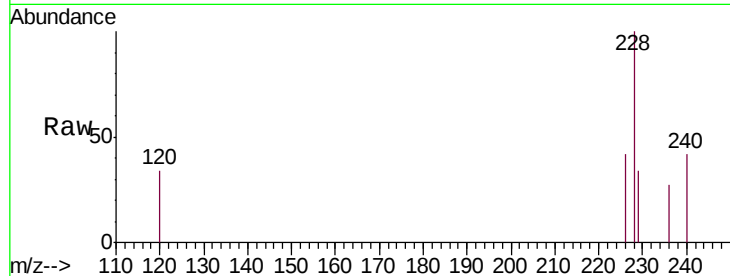
ClientSampleId :

C0AK4

Tgt Ion:	228	Resp:	819
Ion Ratio	Lower	Upper	
228	100		
226	42.2	24.9	37.3#
229	33.9	16.6	25.0#

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#21

Benzo(b)fluoranthene

Concen: 0.072 ng/ul m

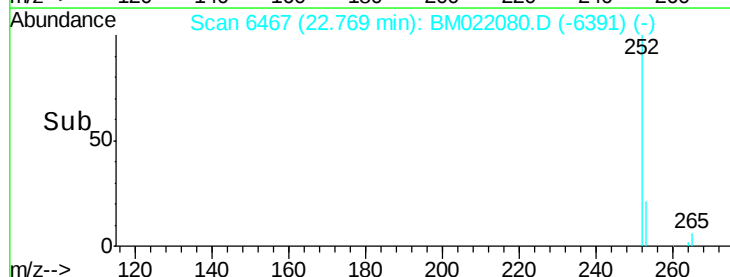
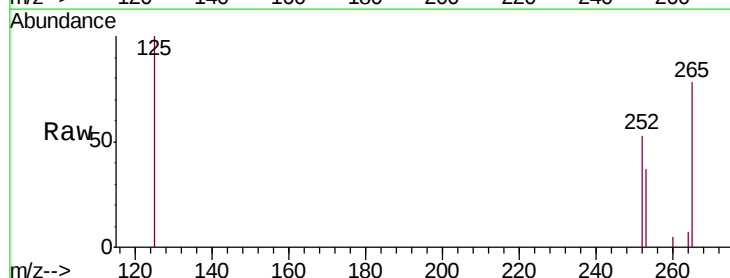
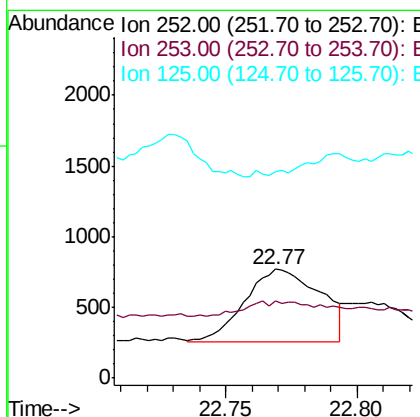
RT: 22.77 min Scan# 6467

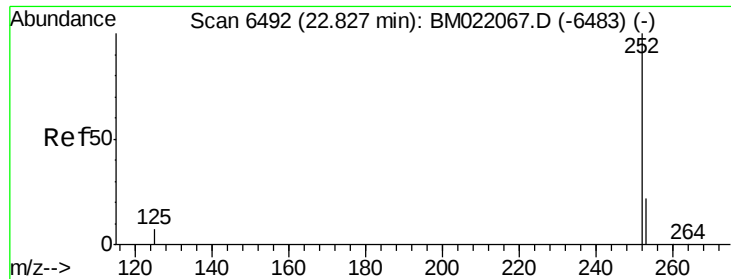
Delta R.T. -0.01 min

Lab File: BM022080.D

Acq: 13 Aug 2019 21:15

Tgt Ion:	252	Resp:	1019
Ion Ratio	Lower	Upper	
252	100		
253	70.4	0.0	67.4#
125	189.9	0.0	31.0#





#22

Benzo(k)fluoranthene

Concen: 0.030 ng/ul

RT: 22.81 min Scan# 6482

Delta R.T. -0.02 min

Lab File: BM022080.D

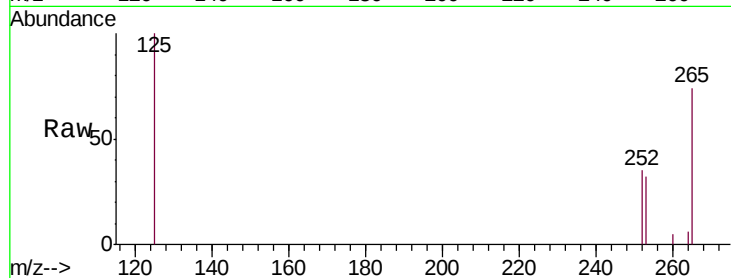
Acq: 13 Aug 2019 21:15

Instrument :

BNA_M

ClientSampleId :

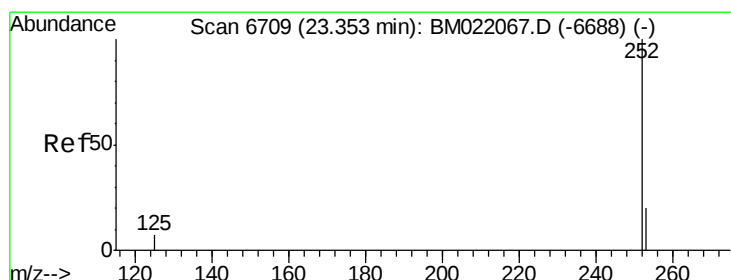
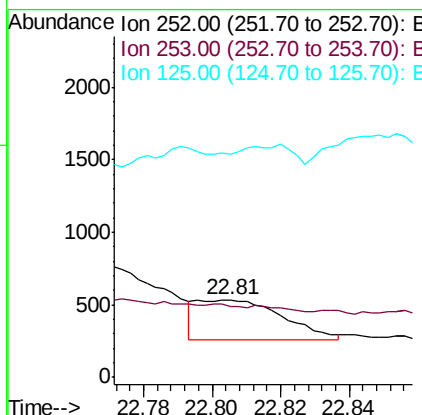
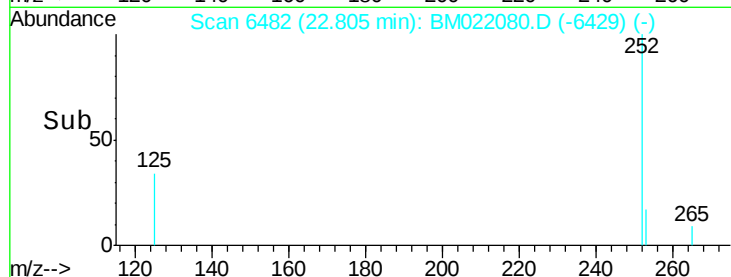
C0AK4



Tgt Ion:	252	Resp:	474
Ion Ratio	Lower	Upper	
252	100		
253	91.2	27.0	40.4#
125	287.1	12.2	18.2#

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#23

Benzo(a)pyrene

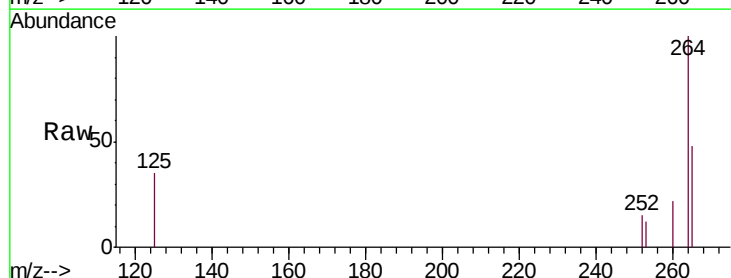
Concen: 0.042 ng/ul

RT: 23.33 min Scan# 6699

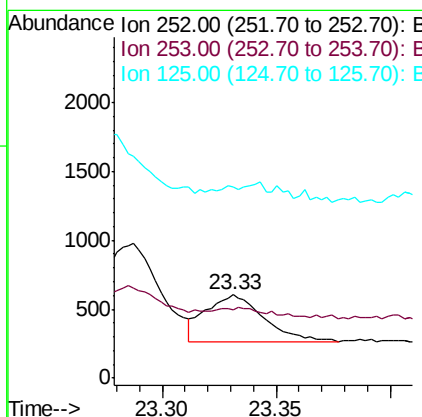
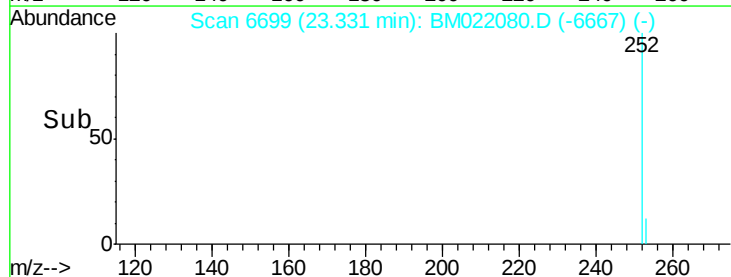
Delta R.T. -0.02 min

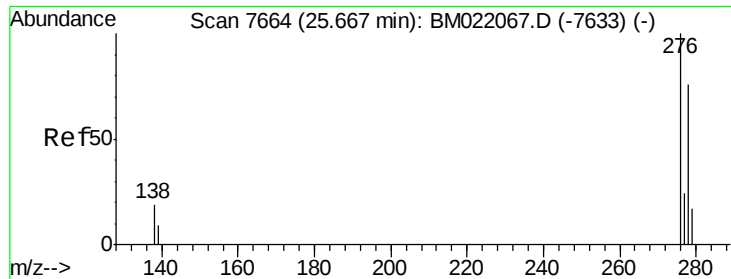
Lab File: BM022080.D

Acq: 13 Aug 2019 21:15



Tgt Ion:	252	Resp:	600
Ion Ratio	Lower	Upper	
252	100		
253	82.9	31.7	47.5#
125	230.5	14.6	21.8#





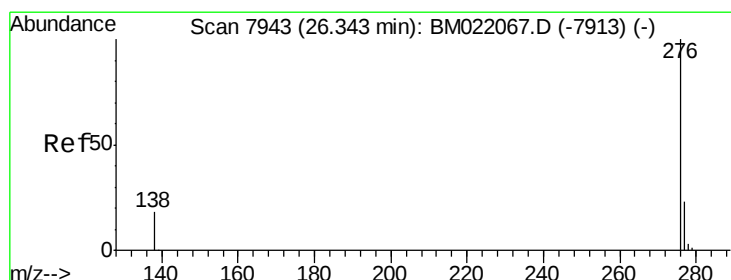
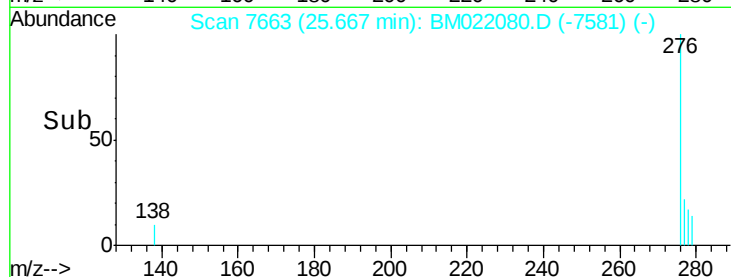
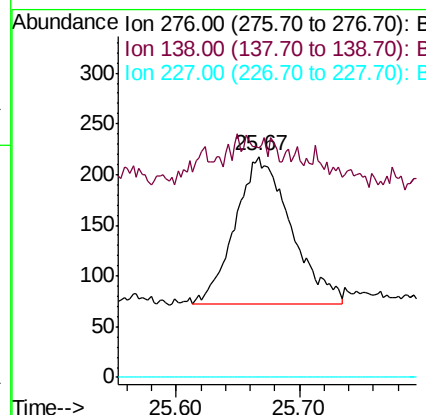
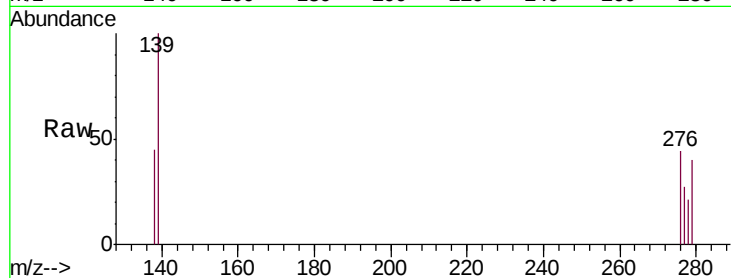
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.026 ng/u1
 RT: 25.67 min Scan# 7663
 Delta R.T. -0.00 min
 Lab File: BM022080.D
 Acq: 13 Aug 2019 21:15

Instrument :
 BNA_M
 ClientSampleId :
 C0AK4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.2	15.1	22.7#
227	0.0	0.0	0.0

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#26
 Benzo(g,h,i)perylene
 Concen: 0.031 ng/u1
 RT: 26.34 min Scan# 7942
 Delta R.T. -0.00 min
 Lab File: BM022080.D
 Acq: 13 Aug 2019 21:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	109.1	15.5	23.3#
277	59.8	21.4	32.2#

