

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
 Data File : BM022077.D
 Acq On : 13 Aug 2019 19:25
 Operator : HP/JU
 Sample : K4183-01
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF1

Manual Integrations
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Quant Time: Aug 14 07:51:43 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 : 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	7.61	152	718	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	2945	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1534	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	3398m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.23	240	2938m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	2993m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	883	0.18	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	2118m	0.18	ng/ul	-0.02
Target Compounds				Qvalue		
12) Phenanthrene	17.06	178	356m	0.036	ng/ul	
15) Fluoranthene	19.08	202	1083m	0.082	ng/ul	
17) Pyrene	19.45	202	1030m	0.085	ng/ul	
18) Benzo(a)anthracene	21.22	228	624	0.059	ng/ul#	74
19) Chrysene	21.27	228	693	0.051	ng/ul#	81
21) Benzo(b)fluoranthene	22.77	252	1107m	0.110	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	379m	0.033	ng/ul	
23) Benzo(a)pyrene	23.34	252	671	0.065	ng/ul#	41
24) Indeno(1,2,3-cd)pyrene	25.66	276	564	0.046	ng/ul#	100
26) Benzo(g,h,i)perylene	26.34	276	569	0.052	ng/ul#	48

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

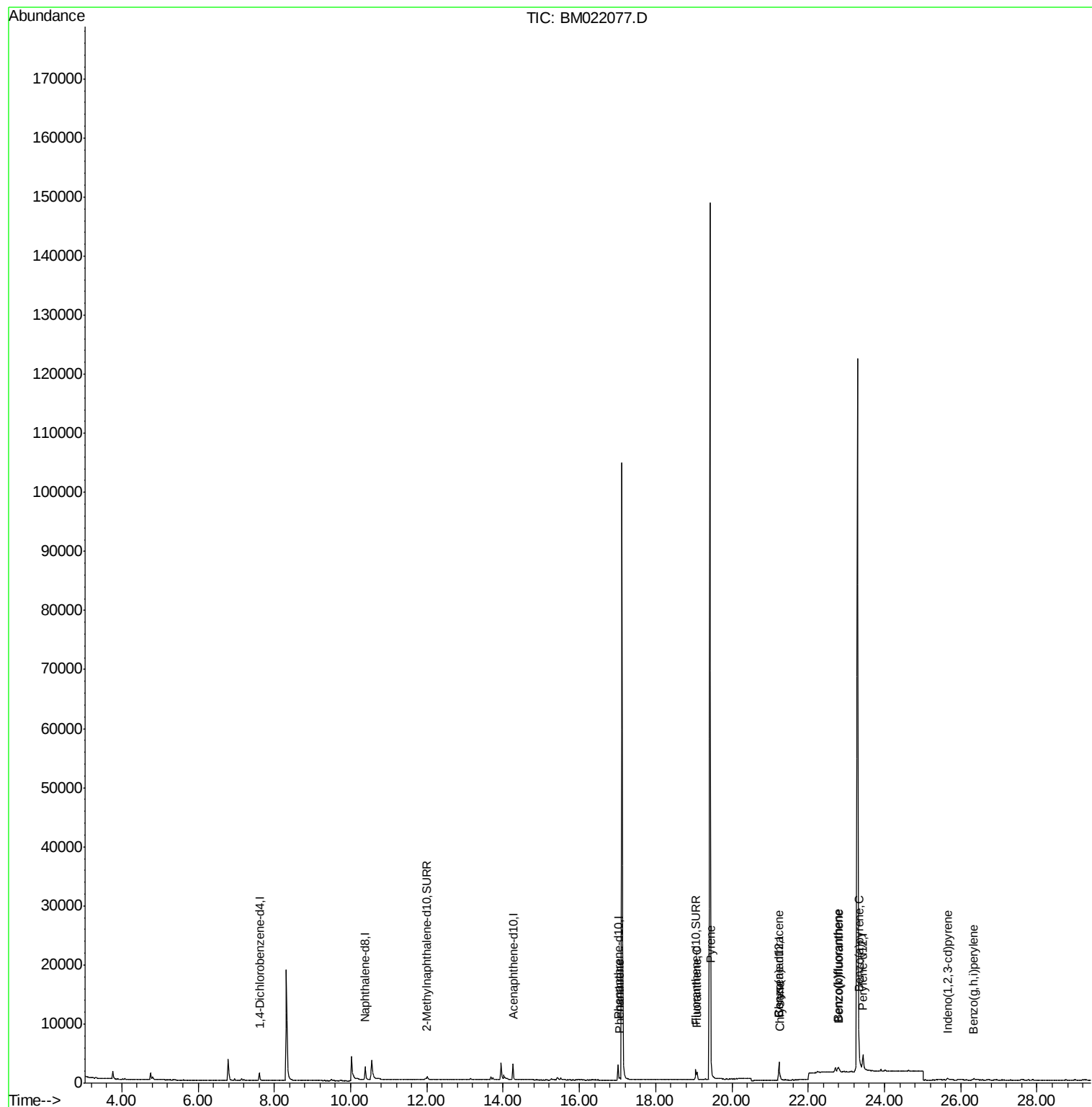
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022077.D
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Operator : HP/JU
Sample : K4183-01
Misc :
ALS Vial : 57 Sample Multiplier: 1

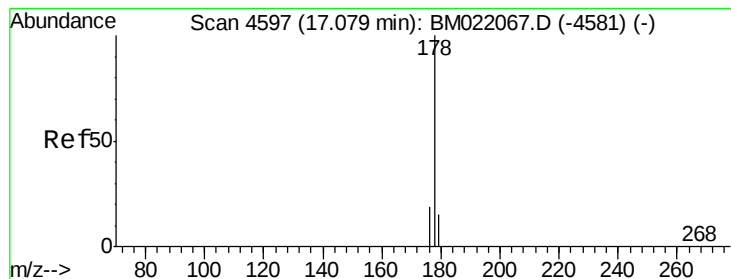
Instrument :
BNA_M
ClientSampleId :
C0AF1

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#12

Phenanthrene

Concen: 0.036 ng/ul m

RT: 17.06 min Scan# 4591

Delta R.T. -0.02 min

Lab File: BM022077.D

Acq: 13 Aug 2019 19:25

Instrument :

BNA_M

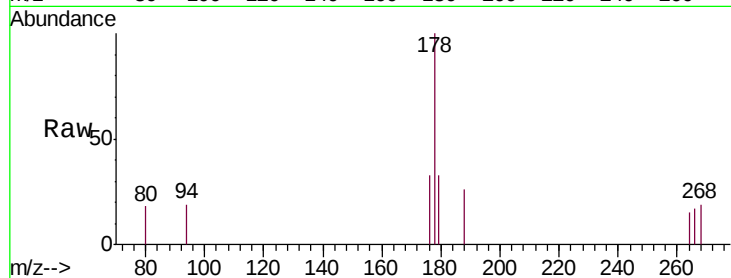
ClientSampleId :

C0AF1

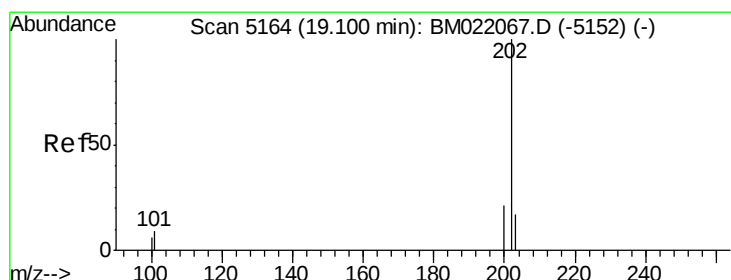
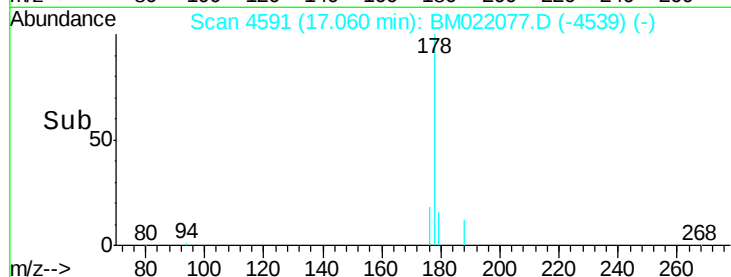
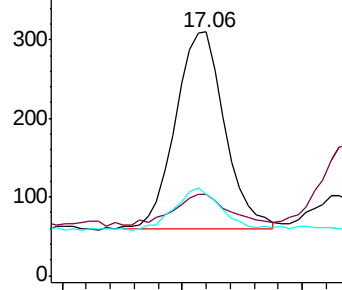
Tgt Ion:	178	Resp:	356
Ion Ratio	Lower	Upper	
178	100		
179	33.2	14.2	21.2#
176	33.2	16.8	25.2#

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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: 0.082 ng/ul m

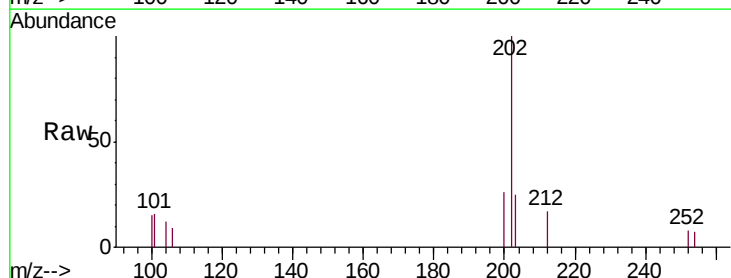
RT: 19.08 min Scan# 5159

Delta R.T. -0.02 min

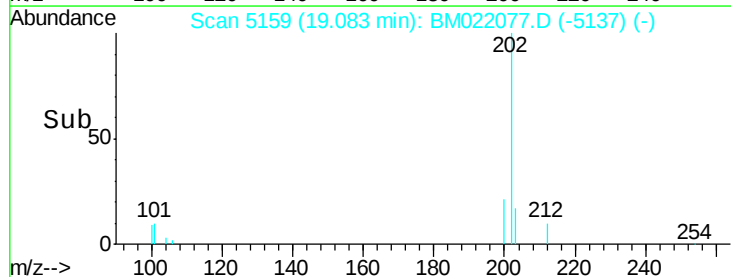
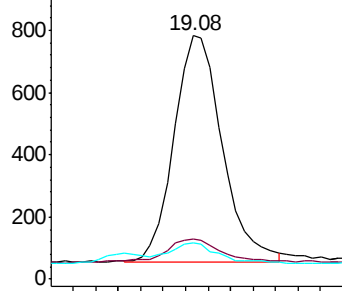
Lab File: BM022077.D

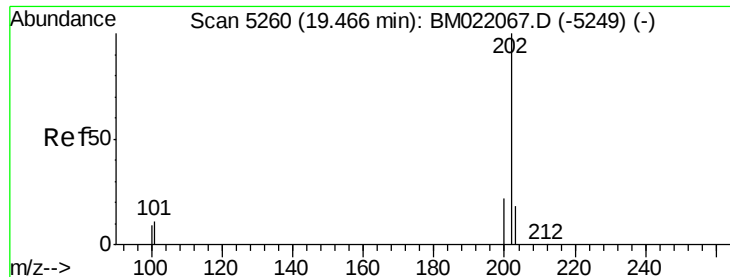
Acq: 13 Aug 2019 19:25

Tgt Ion:	202	Resp:	1083
Ion Ratio	Lower	Upper	
202	100		
101	16.3	0.0	30.2
100	14.9	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





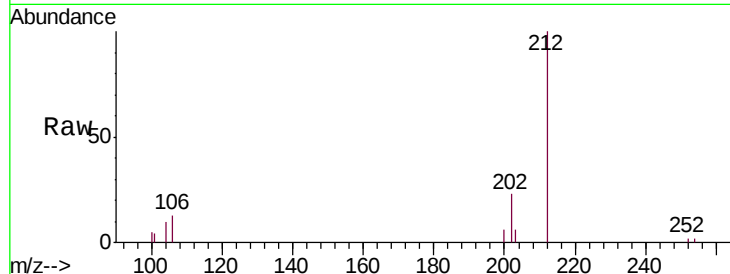
#17
 Pyrene
 Concen: 0.085 ng/ul m
 RT: 19.45 min Scan# 5255
 Delta R.T. -0.02 min
 Lab File: BM022077.D
 Acq: 13 Aug 2019 19:25

Instrument :
 BNA_M
 ClientSampleId :
 C0AF1

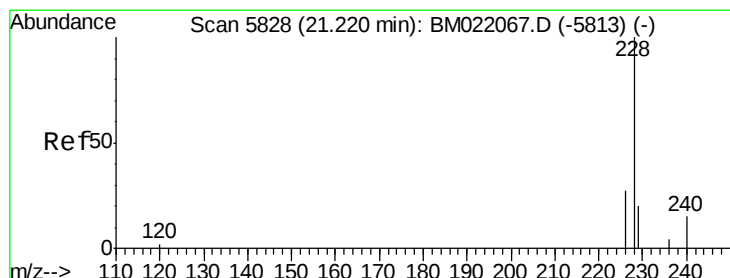
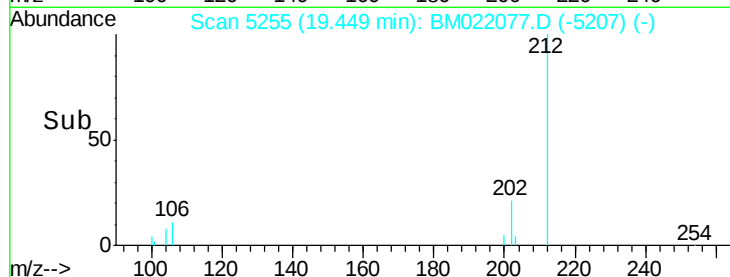
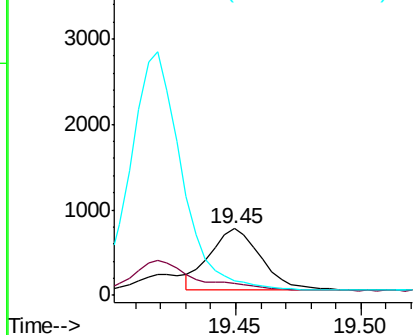
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1030		
101	18.0	8.3	12.5#	
100	22.6	7.2	10.8#	

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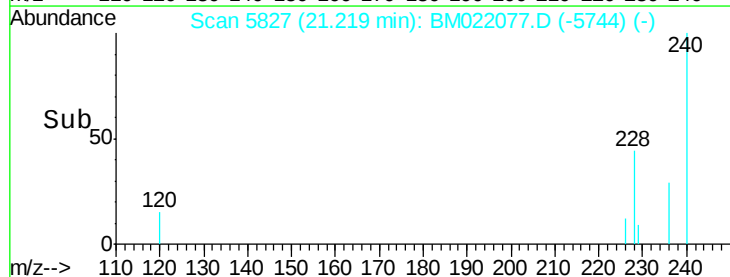
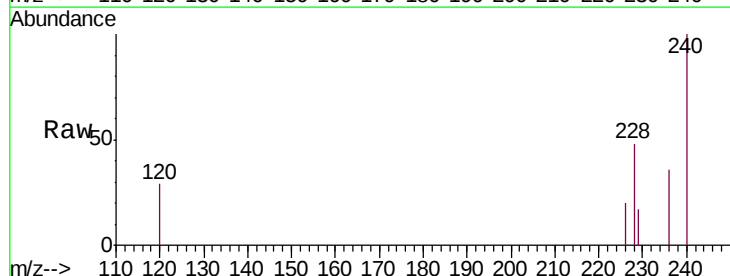
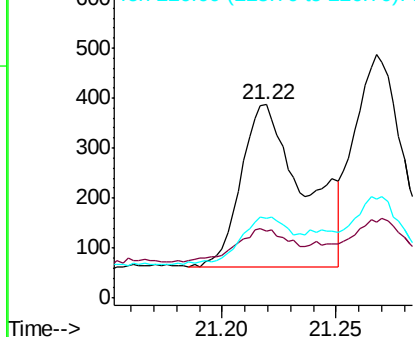
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

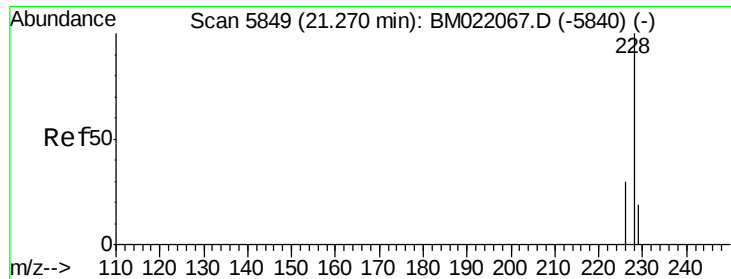


#18
 Benzo(a)anthracene
 Concen: 0.059 ng/ul
 RT: 21.22 min Scan# 5827
 Delta R.T. -0.00 min
 Lab File: BM022077.D
 Acq: 13 Aug 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	624		
229	34.6	17.2	25.8#	
226	41.3	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: 0.051 ng/ul

RT: 21.27 min Scan# 5847

Delta R.T. -0.00 min

Lab File: BM022077.D

Acq: 13 Aug 2019 19:25

Instrument :

BNA_M

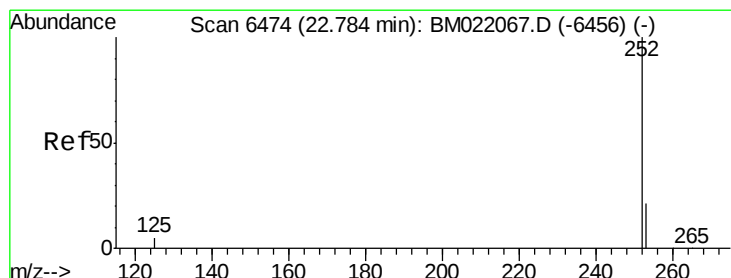
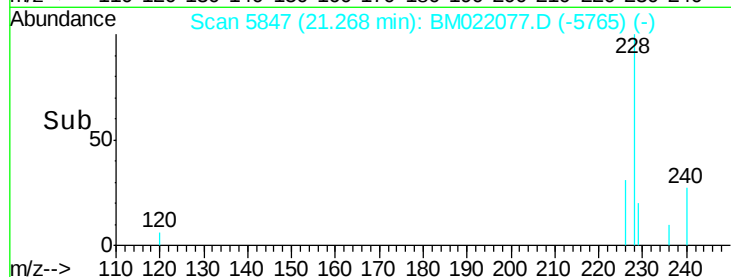
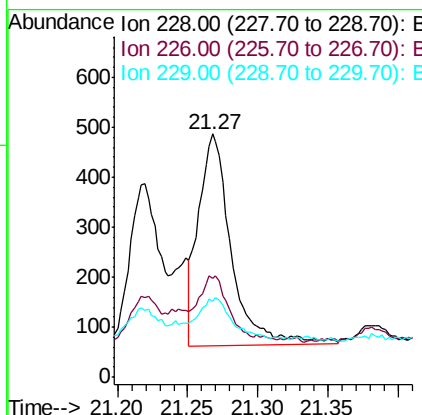
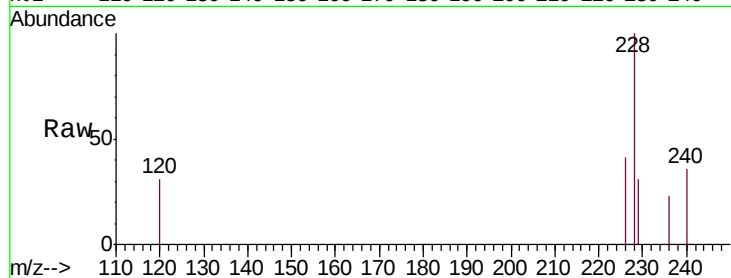
ClientSampleId :

C0AF1

Tgt Ion:	228	Resp:	693
Ion Ratio	Lower	Upper	
228	100		
226	40.9	24.9	37.3#
229	31.0	16.6	25.0#

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#21

Benzo(b)fluoranthene

Concen: 0.110 ng/ul m

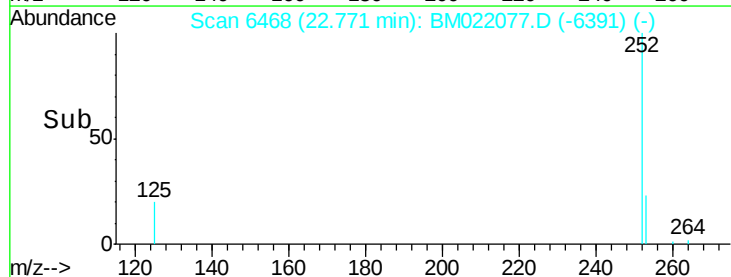
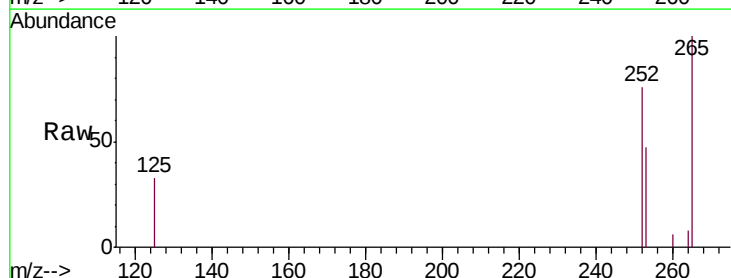
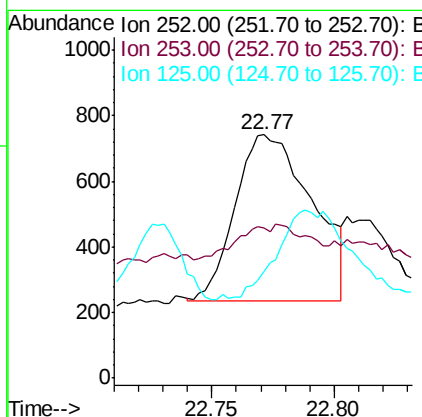
RT: 22.77 min Scan# 6468

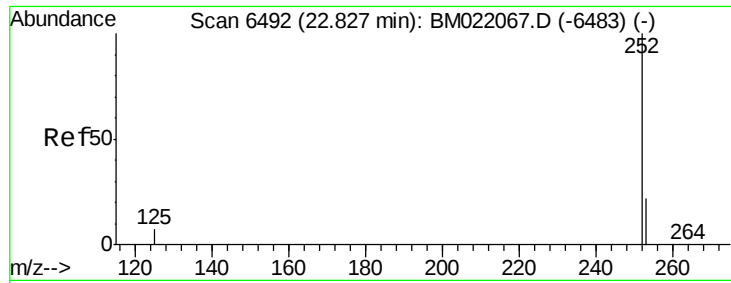
Delta R.T. -0.01 min

Lab File: BM022077.D

Acq: 13 Aug 2019 19:25

Tgt Ion:	252	Resp:	1107
Ion Ratio	Lower	Upper	
252	100		
253	61.5	0.0	67.4
125	43.9	0.0	31.0#





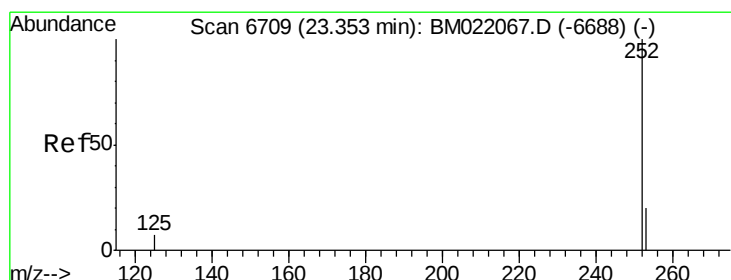
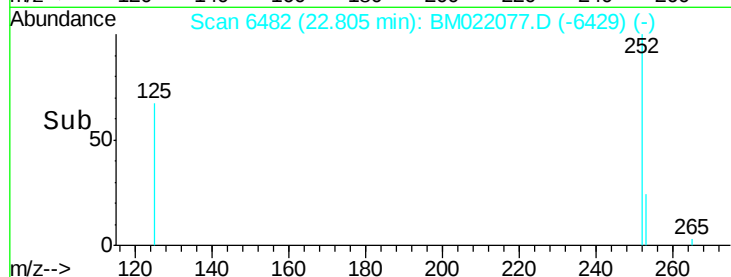
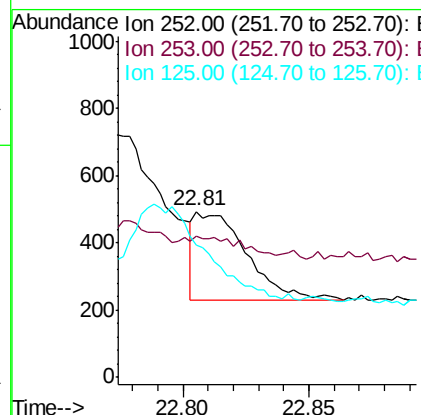
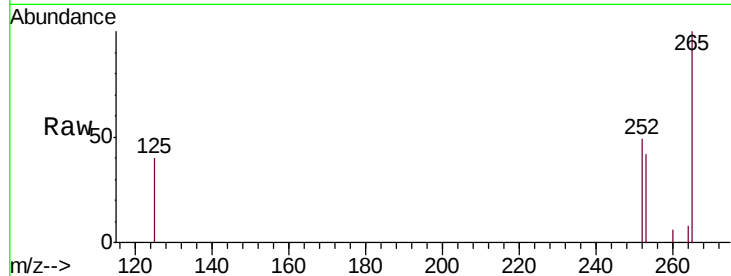
#22
Benzo(k)fluoranthene
Concen: 0.033 ng/u1 m
RT: 22.81 min Scan# 6482
Delta R.T. -0.02 min
Lab File: BM022077.D
Acq: 13 Aug 2019 19:25

Instrument :
BNA_M
ClientSampled :
C0AF1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	85.4	27.0	40.4#
125	79.9	12.2	18.2#

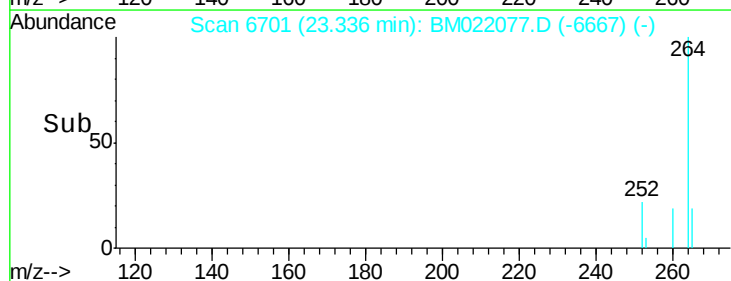
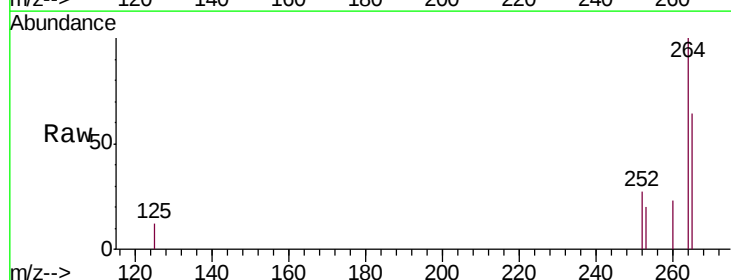
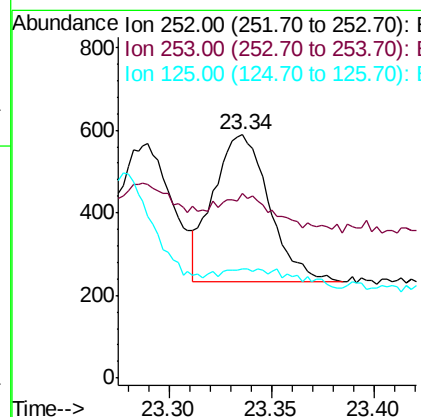
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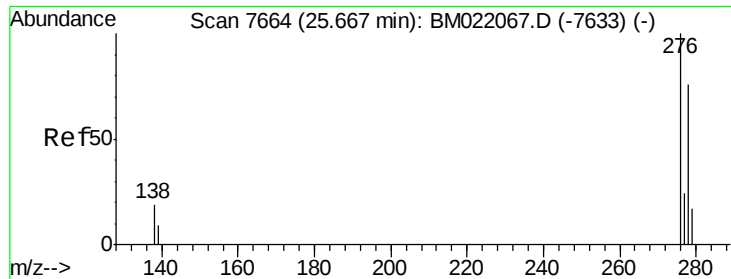
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#23
Benzo(a)pyrene
Concen: 0.065 ng/u1
RT: 23.34 min Scan# 6701
Delta R.T. -0.02 min
Lab File: BM022077.D
Acq: 13 Aug 2019 19:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	75.9	31.7	47.5#
125	44.7	14.6	21.8#





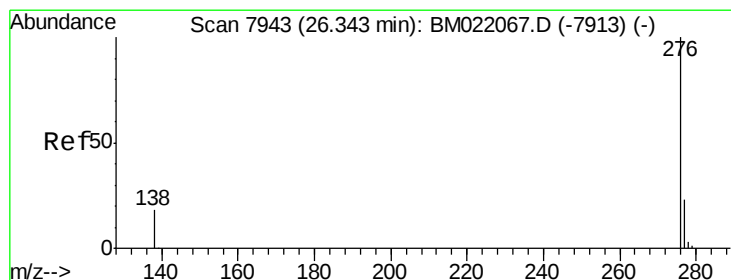
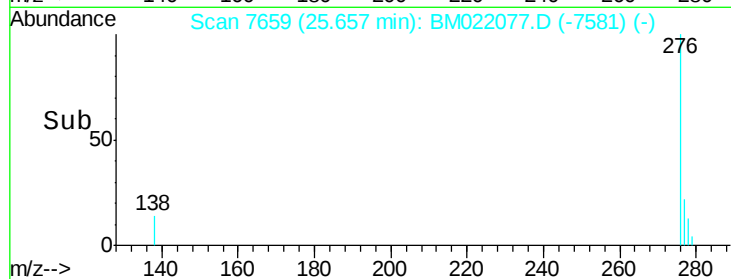
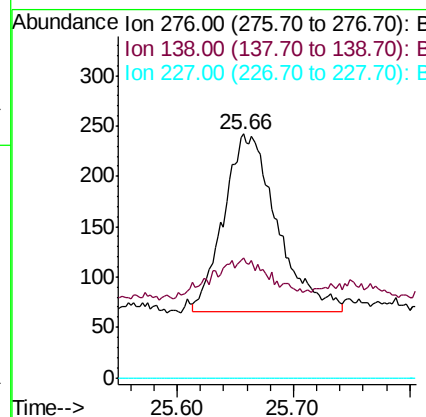
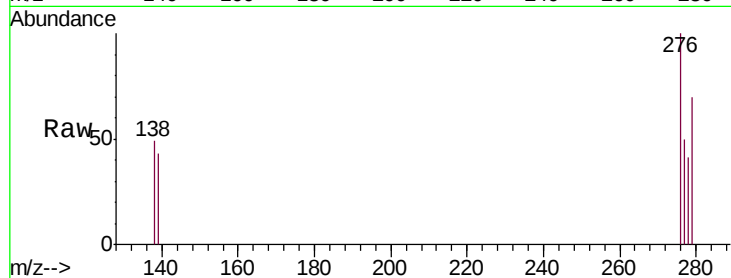
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.046 ng/u1
 RT: 25.66 min Scan# 7659
 Delta R.T. -0.01 min
 Lab File: BM022077.D
 Acq: 13 Aug 2019 19:25

Instrument :
 BNA_M
 ClientSampleId :
 C0AF1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.1	22.7
227	0.0	0.0	0.0

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#26
 Benzo(g,h,i)perylene
 Concen: 0.052 ng/u1
 RT: 26.34 min Scan# 7940
 Delta R.T. -0.01 min
 Lab File: BM022077.D
 Acq: 13 Aug 2019 19:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	46.9	15.5	23.3#
277	50.6	21.4	32.2#

