

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM021987.D
 Acq On : 10 Aug 2019 02:01
 Operator : HP/JU
 Sample : K4041-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS9

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:34:07 AM

Quant Time: Aug 10 07:58:37 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	833	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	3689	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2056	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4579m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4248m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6542	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	925	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2352m	0.15	ng/ul	-0.01
Target Compounds				Qvalue		
12) Phenanthrene	17.07	178	434m	0.033	ng/ul	
15) Fluoranthene	19.09	202	1315m	0.074	ng/ul	
17) Pyrene	19.46	202	1209m	0.069	ng/ul	
18) Benzo(a)anthracene	21.22	228	714	0.047	ng/ul#	79
19) Chrysene	21.27	228	702	0.036	ng/ul#	80
21) Benzo(b)fluoranthene	22.78	252	1114m	0.050	ng/ul	
23) Benzo(a)pyrene	23.34	252	693	0.031	ng/ul#	40

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

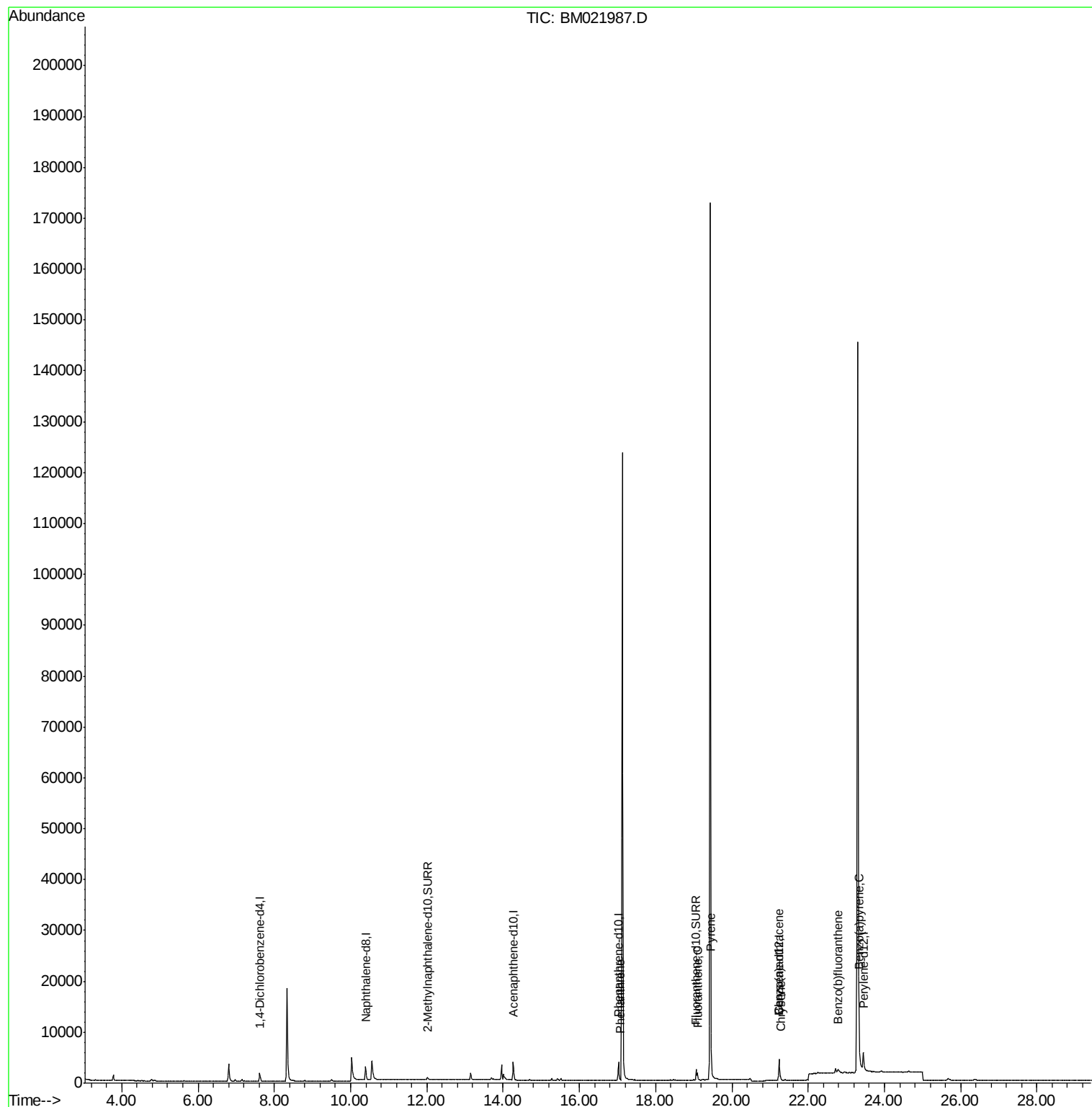
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ALS Vial : 24 Sample Multiplier: 1

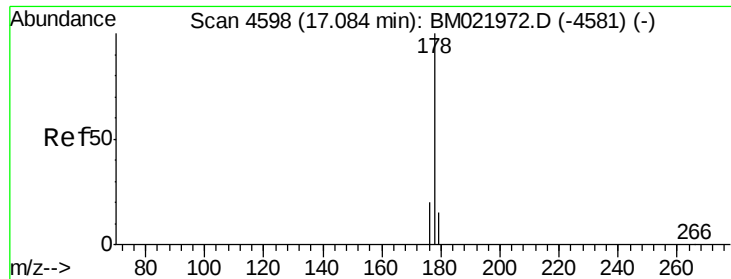
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#12

Phenanthrene

Concen: 0.033 ng/ul m

RT: 17.07 min Scan# 4593

Delta R.T. -0.02 min

Lab File: BM021987.D

Acq: 10 Aug 2019 02:01

Instrument :

BNA_M

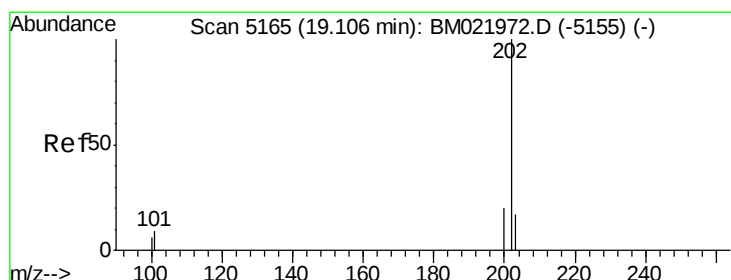
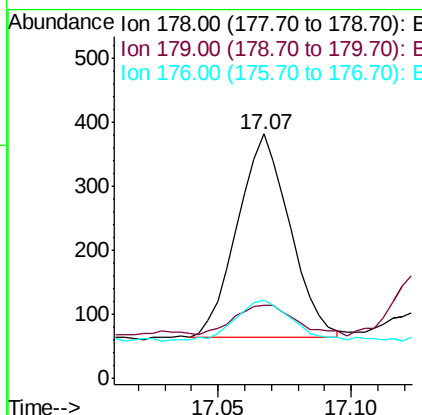
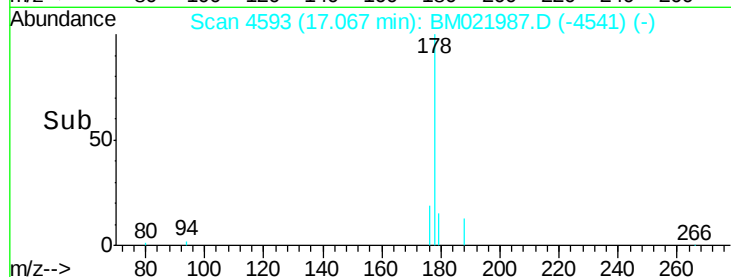
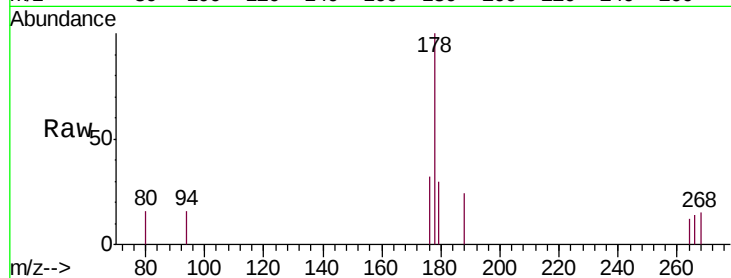
ClientSampleId :

BENS9

Tgt Ion:	178	Resp:	434
Ion Ratio	Lower	Upper	
178	100		
179	29.9	14.2	21.2#
176	32.0	16.8	25.2#

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#15

Fluoranthene

Concen: 0.074 ng/ul m

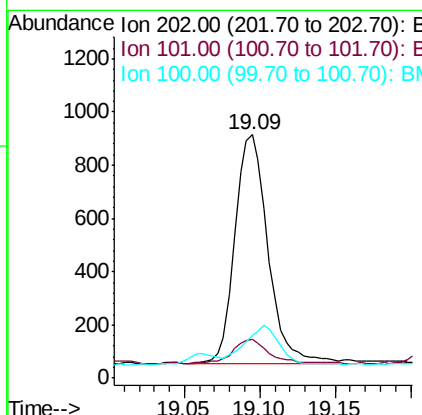
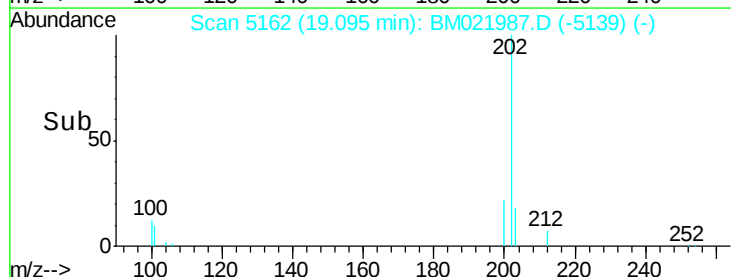
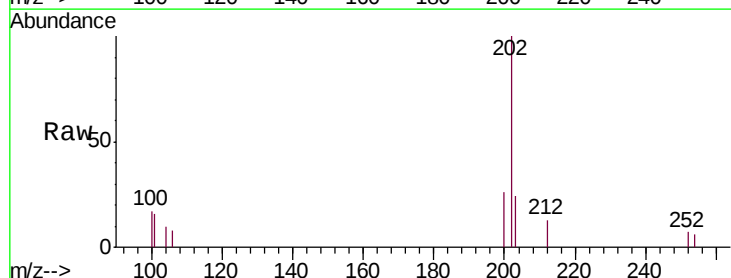
RT: 19.09 min Scan# 5162

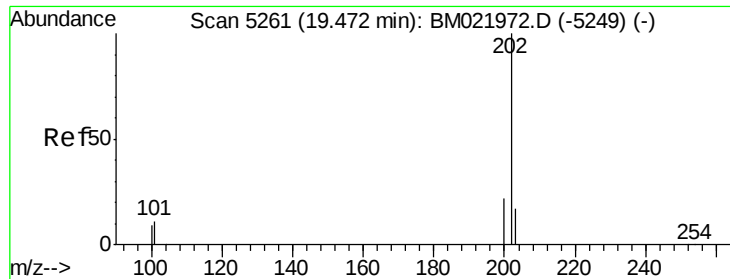
Delta R.T. -0.01 min

Lab File: BM021987.D

Acq: 10 Aug 2019 02:01

Tgt Ion:	202	Resp:	1315
Ion Ratio	Lower	Upper	
202	100		
101	16.2	0.0	30.2
100	17.4	0.0	28.1





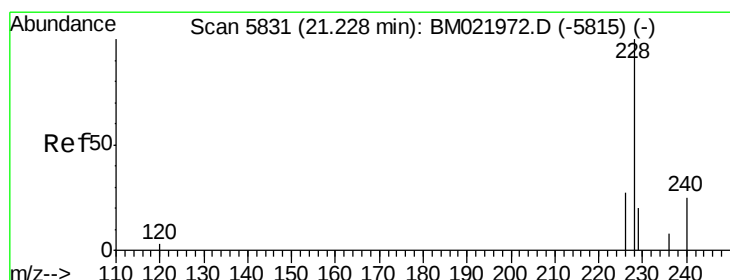
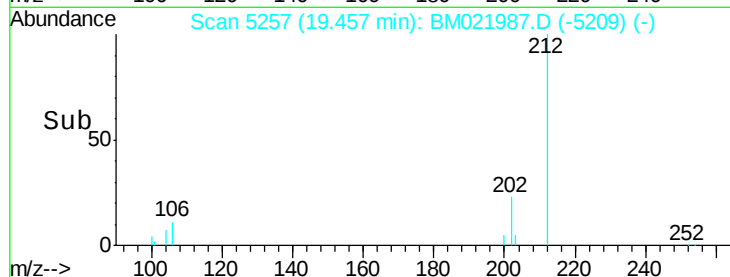
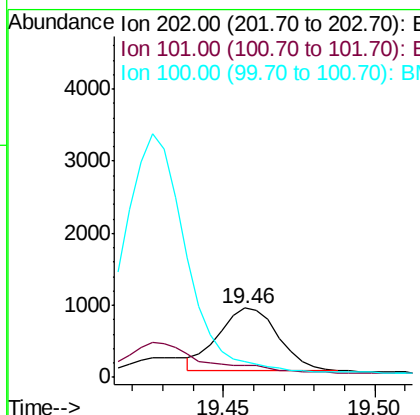
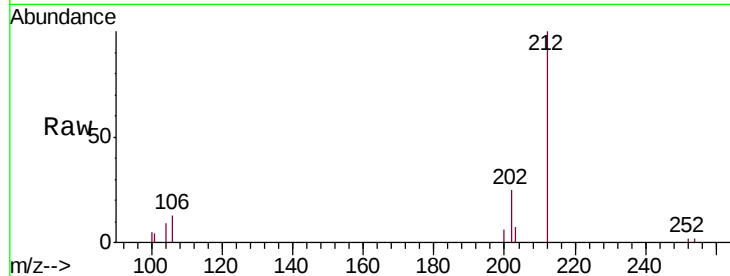
#17
 Pyrene
 Concen: 0.069 ng/ul m
 RT: 19.46 min Scan# 5257
 Delta R.T. -0.02 min
 Lab File: BM021987.D
 Acq: 10 Aug 2019 02:01

Instrument :
 BNA_M
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1209		
101	16.4	8.3	12.5#	
100	22.3	7.2	10.8#	

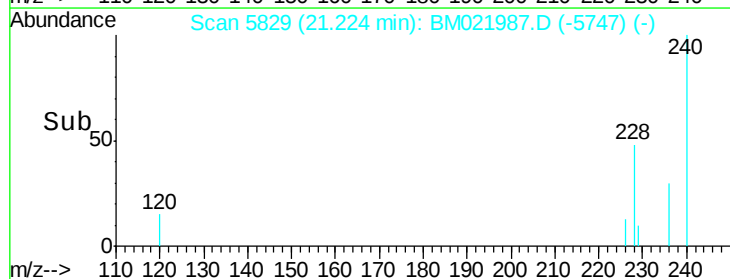
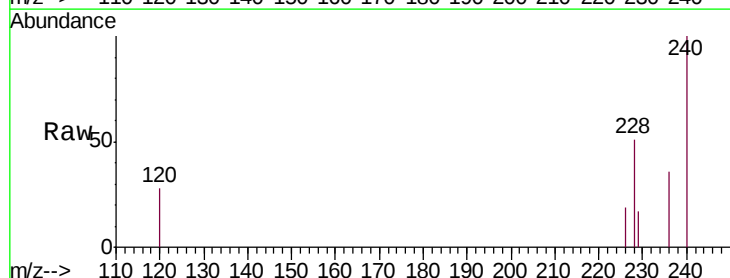
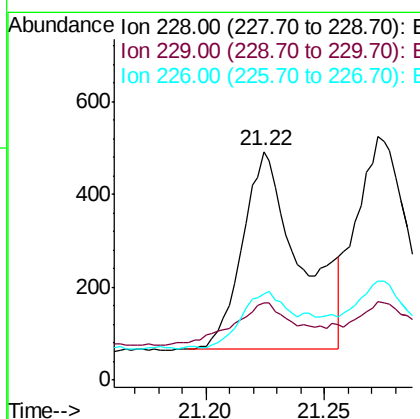
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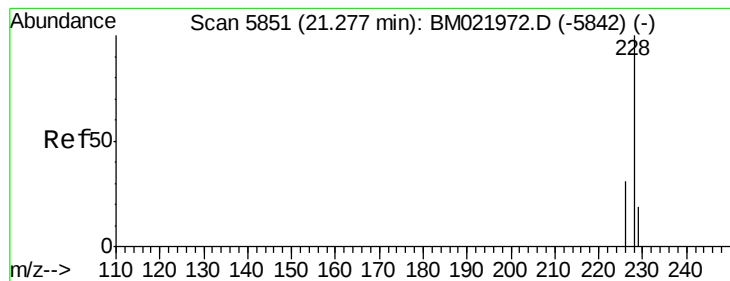
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#18
 Benzo(a)anthracene
 Concen: 0.047 ng/ul
 RT: 21.22 min Scan# 5829
 Delta R.T. -0.00 min
 Lab File: BM021987.D
 Acq: 10 Aug 2019 02:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	714		
229	33.5	17.2	25.8#	
226	37.4	22.6	34.0#	





#19

Chrysene

Concen: 0.036 ng/ul

RT: 21.27 min Scan# 5849

Delta R.T. -0.00 min

Lab File: BM021987.D

Acq: 10 Aug 2019 02:01

Instrument :

BNA_M

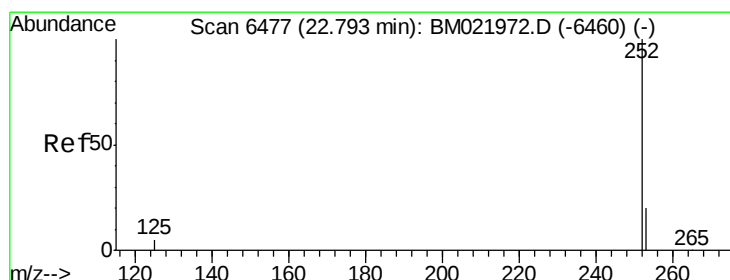
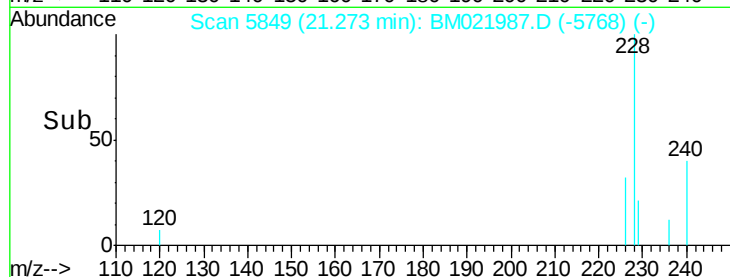
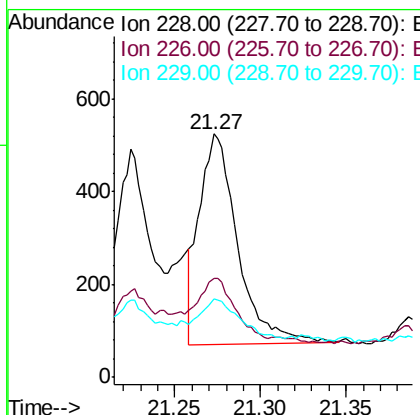
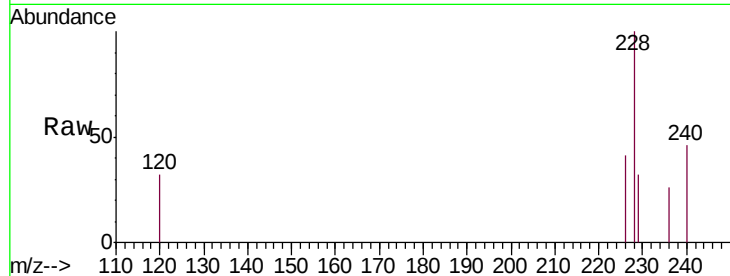
ClientSampleId :

BENS9

Tgt Ion:	228	Resp:	702
Ion Ratio	Lower	Upper	
228	100		
226	40.8	24.9	37.3#
229	32.3	16.6	25.0#

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#21

Benzo(b)fluoranthene

Concen: 0.050 ng/ul m

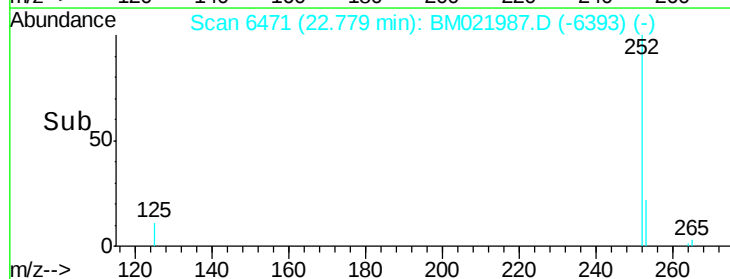
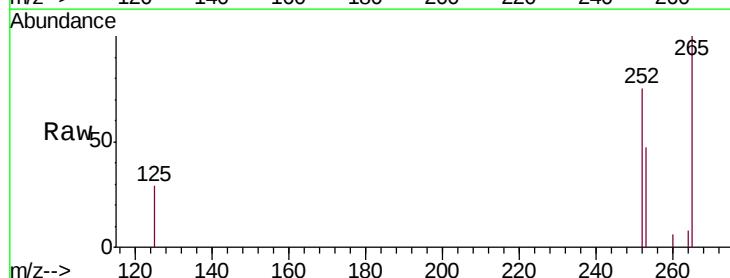
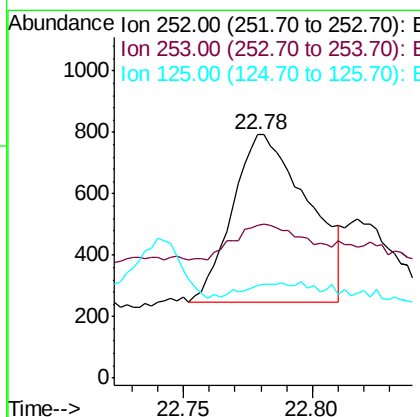
RT: 22.78 min Scan# 6471

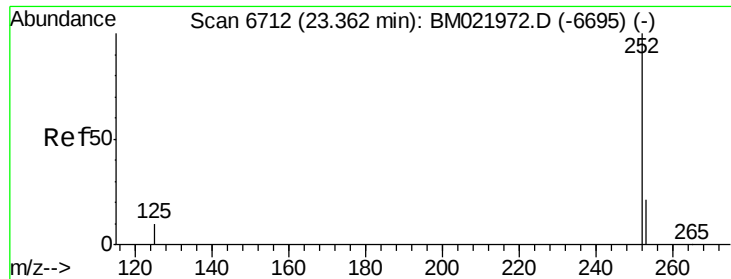
Delta R.T. -0.01 min

Lab File: BM021987.D

Acq: 10 Aug 2019 02:01

Tgt Ion:	252	Resp:	1114
Ion Ratio	Lower	Upper	
252	100		
253	62.7	0.0	67.4
125	38.2	0.0	31.0#





#23

Benzo(a)pyrene

Concen: 0.031 ng/ul

RT: 23.34 min Scan# 6703

Delta R.T. -0.02 min

Lab File: BM021987.D

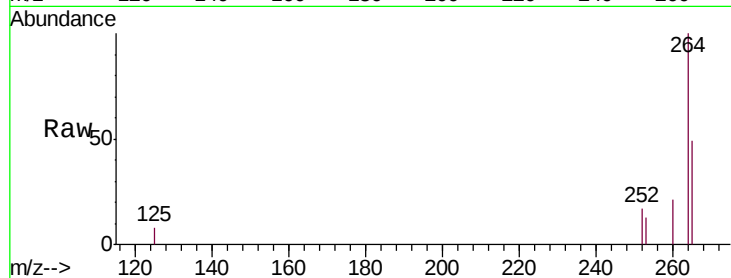
Acq: 10 Aug 2019 02:01

Instrument :

BNA_M

ClientSampleId :

BENS9



Tgt Ion	Ratio	Lower	Upper
252	100		
253	75.0	31.7	47.5#
125	47.4	14.6	21.8#

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8/13/2019 8:34:07 AM

