

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM021988.D
 Acq On : 10 Aug 2019 02:38
 Operator : HP/JU
 Sample : K4041-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENT0

Manual Integrations
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 8/13/2019 8:34:02 AM

Quant Time: Aug 10 08:05:28 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	791	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	3400	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1883	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4158m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	3905m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	3709m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	985	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2561m	0.18	ng/ul	-0.02
Target Compounds				Qvalue		
12) Phenanthrene	17.07	178	899m	0.074	ng/ul	
15) Fluoranthene	19.09	202	3055m	0.189	ng/ul	
17) Pyrene	19.46	202	3044m	0.190	ng/ul	
18) Benzo(a)anthracene	21.22	228	1794	0.128	ng/ul#	91
19) Chrysene	21.27	228	1858	0.103	ng/ul#	90
21) Benzo(b)fluoranthene	22.78	252	2864m	0.229	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	883m	0.062	ng/ul	
23) Benzo(a)pyrene	23.34	252	1784m	0.140	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	1376m	0.091	ng/ul	
26) Benzo(g,h,i)perylene	26.35	276	1428m	0.104	ng/ul	

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

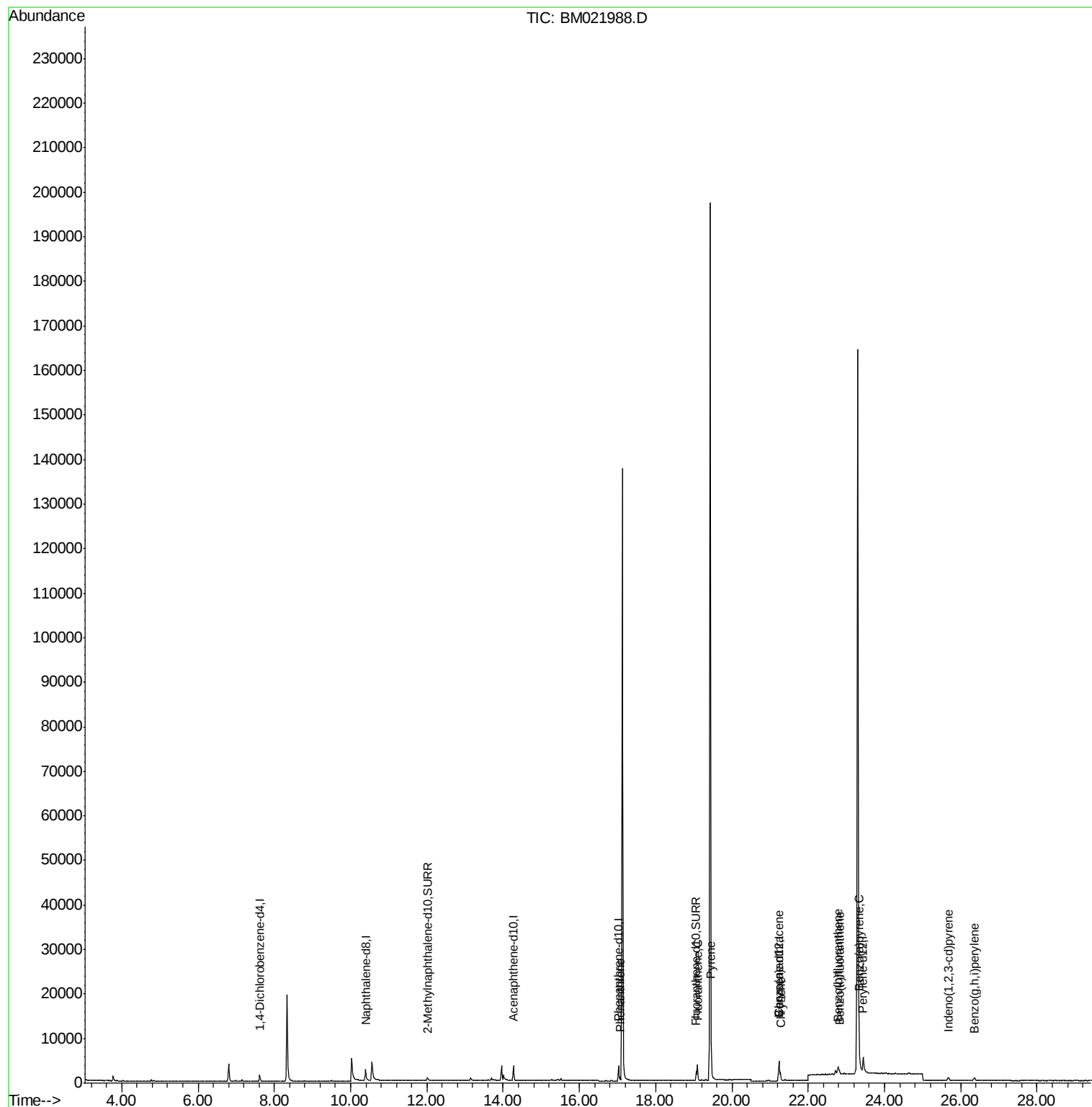
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
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ALS Vial : 25 Sample Multiplier: 1

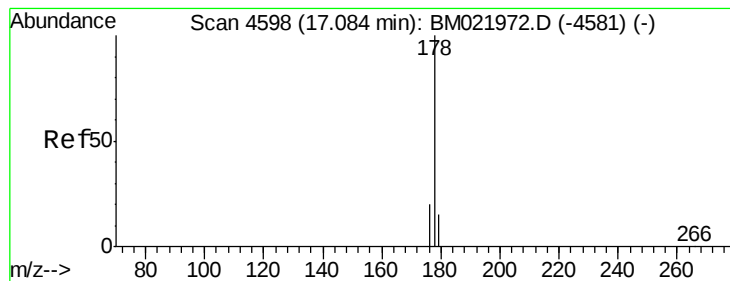
Instrument :
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#12

Phenanthrene

Concen: 0.074 ng/ul m

RT: 17.07 min Scan# 4593

Delta R.T. -0.02 min

Lab File: BM021988.D

Acq: 10 Aug 2019 02:38

Instrument :

BNA_M

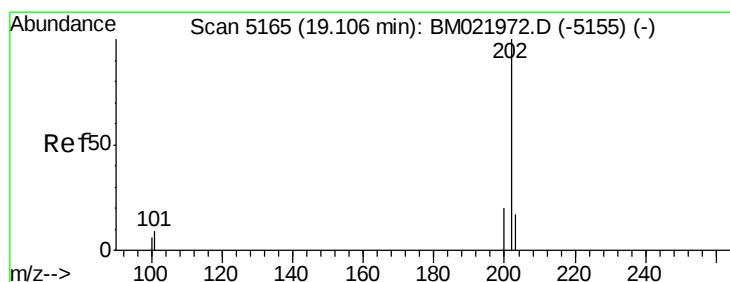
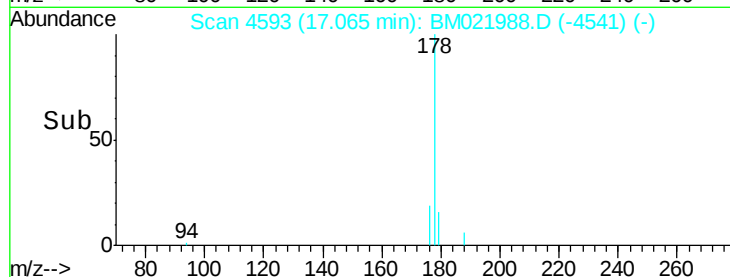
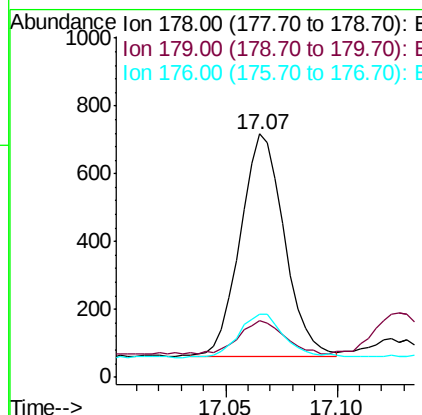
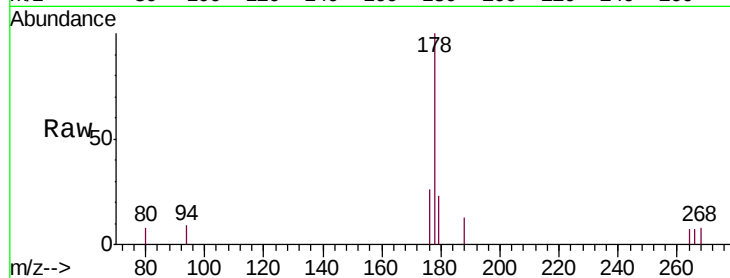
ClientSampleId :

BENT0

Tgt Ion:	178	Resp:	899
Ion Ratio	Lower	Upper	
178	100		
179	23.4	14.2	21.2#
176	25.6	16.8	25.2#

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#15

Fluoranthene

Concen: 0.189 ng/ul m

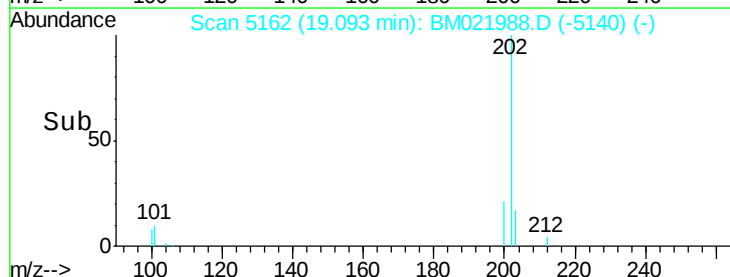
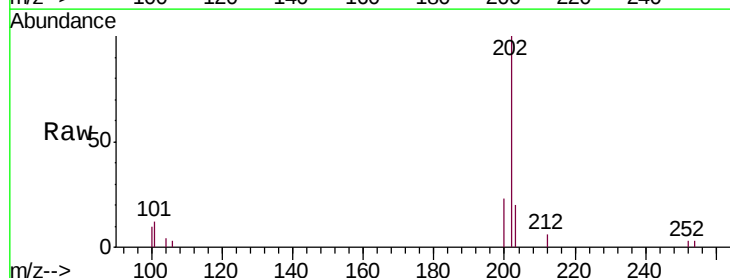
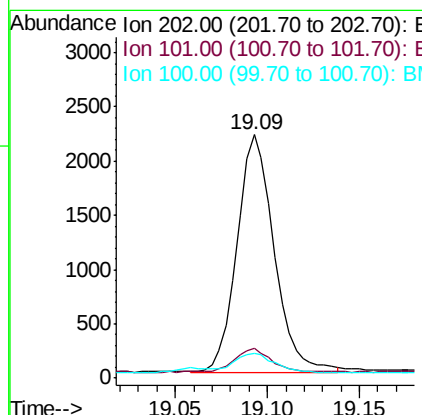
RT: 19.09 min Scan# 5162

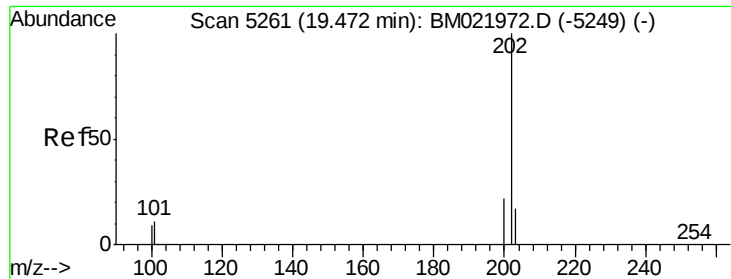
Delta R.T. -0.02 min

Lab File: BM021988.D

Acq: 10 Aug 2019 02:38

Tgt Ion:	202	Resp:	3055
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	30.2
100	9.9	0.0	28.1





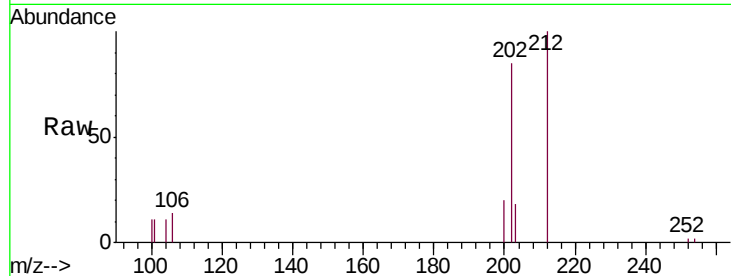
#17
 Pyrene
 Concen: 0.190 ng/ul m
 RT: 19.46 min Scan# 5258
 Delta R.T. -0.02 min
 Lab File: BM021988.D
 Acq: 10 Aug 2019 02:38

Instrument :
 BNA_M
 ClientSampled :
 BENT0

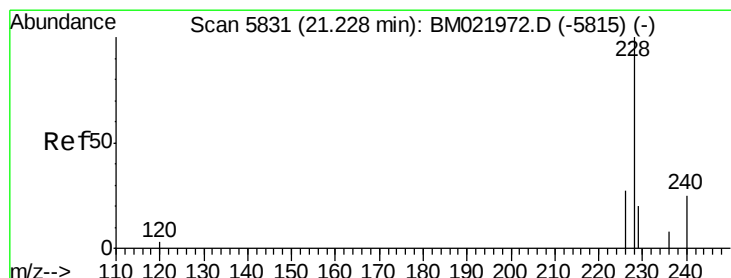
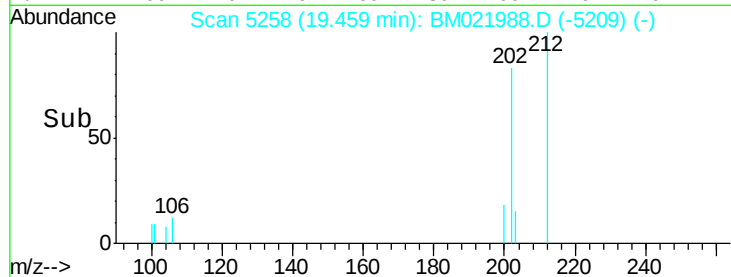
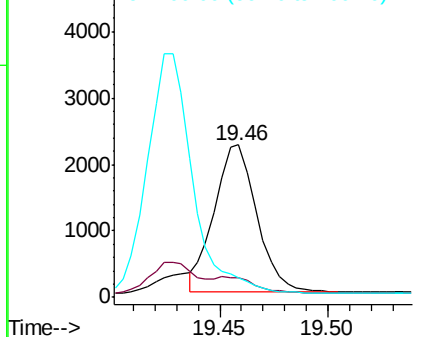
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	3044		
101	12.7	8.3	12.5#	
100	13.2	7.2	10.8#	

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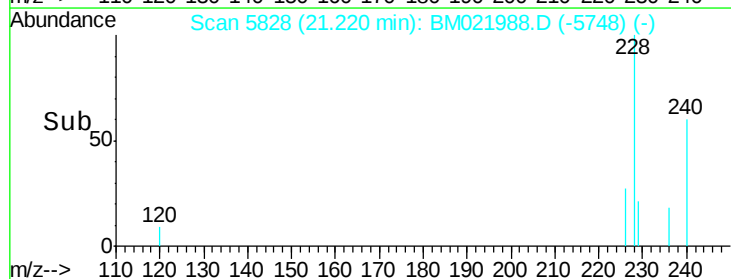
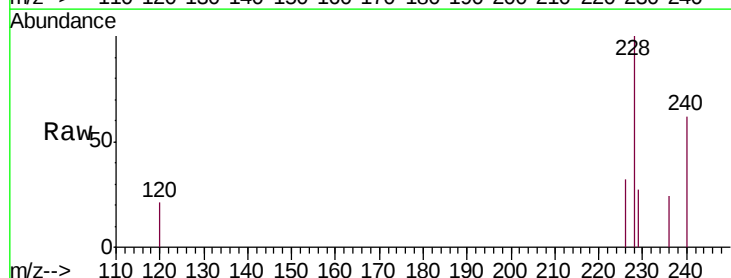
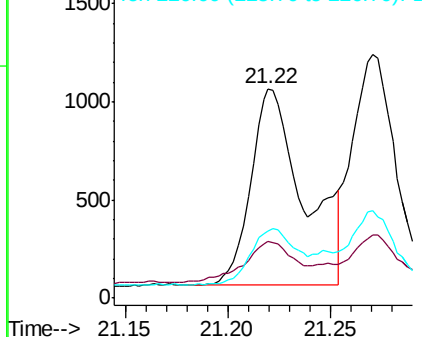
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

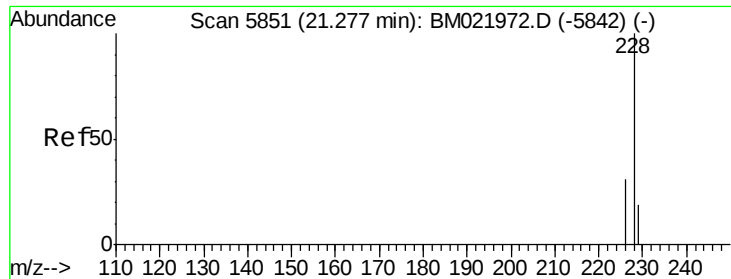


#18
 Benzo(a)anthracene
 Concen: 0.128 ng/ul
 RT: 21.22 min Scan# 5828
 Delta R.T. -0.01 min
 Lab File: BM021988.D
 Acq: 10 Aug 2019 02:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1794		
229	27.1	17.2	25.8#	
226	31.8	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: 0.103 ng/ul

RT: 21.27 min Scan# 5849

Delta R.T. -0.01 min

Lab File: BM021988.D

Acq: 10 Aug 2019 02:38

Instrument :

BNA_M

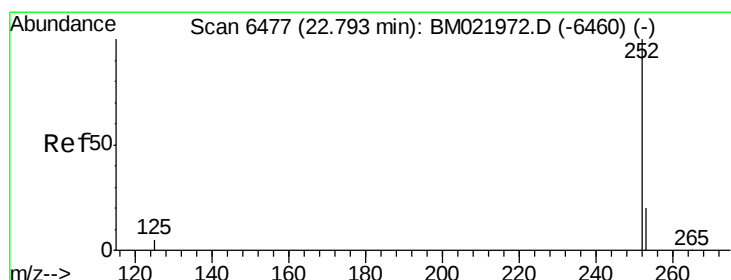
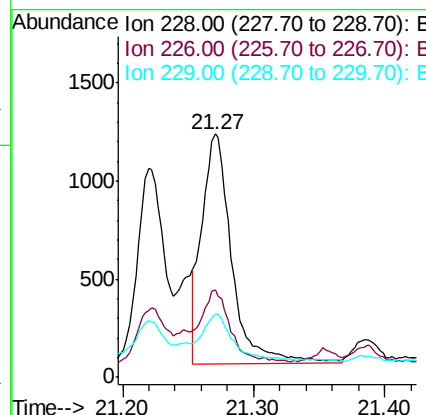
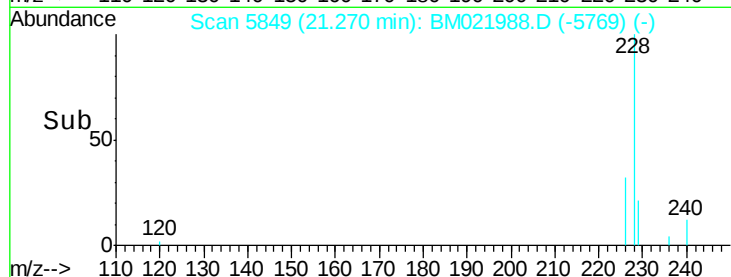
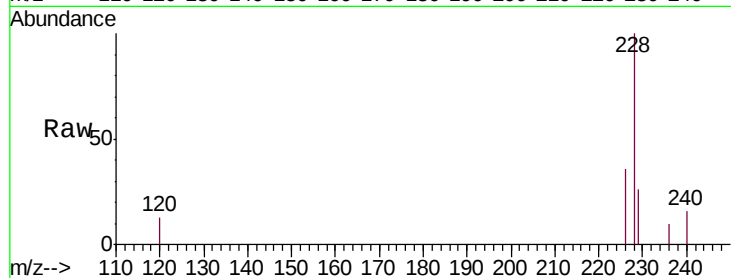
ClientSampleId :

BENT0

Tgt Ion:	228	Resp:	1858
Ion Ratio	Lower	Upper	
228	100		
226	35.8	24.9	37.3
229	26.0	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 0.229 ng/ul m

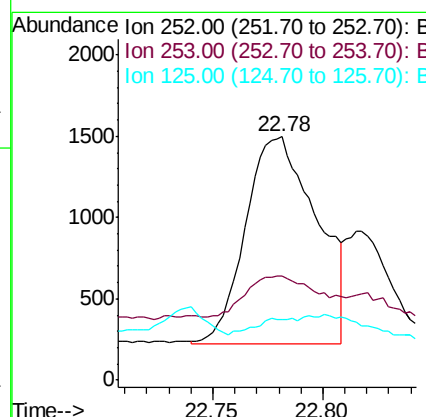
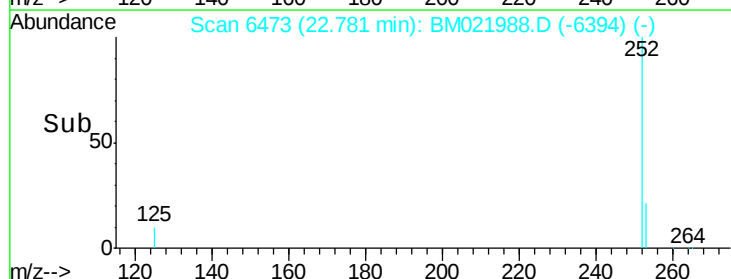
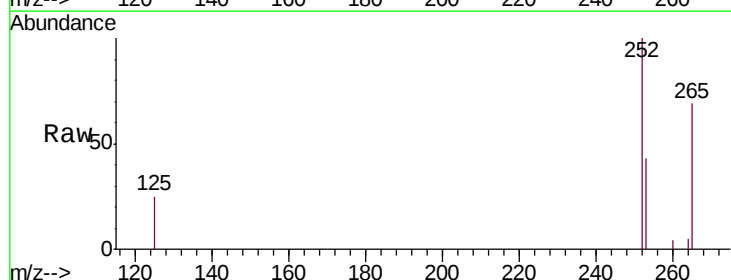
RT: 22.78 min Scan# 6473

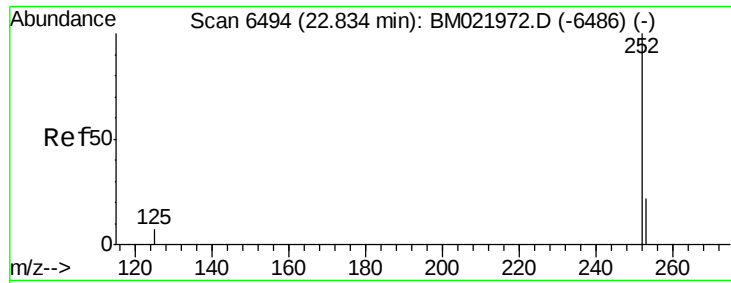
Delta R.T. -0.01 min

Lab File: BM021988.D

Acq: 10 Aug 2019 02:38

Tgt Ion:	252	Resp:	2864
Ion Ratio	Lower	Upper	
252	100		
253	43.0	0.0	67.4
125	24.9	0.0	31.0





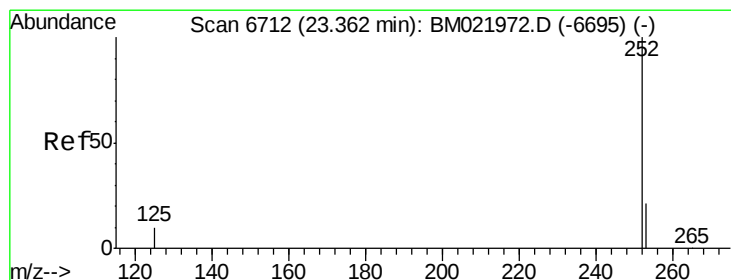
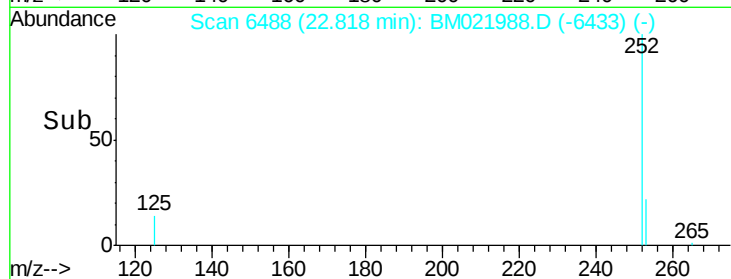
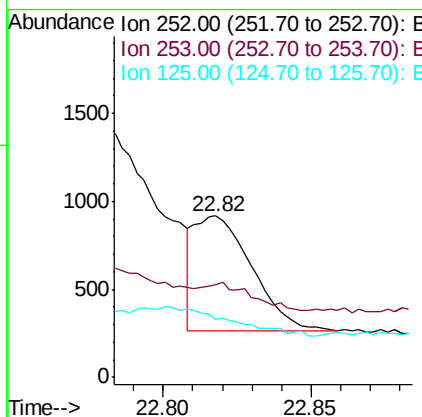
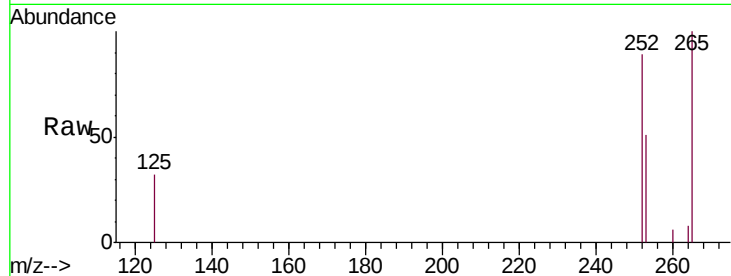
#22
Benzo(k)fluoranthene
Concen: 0.062 ng/ul m
RT: 22.82 min Scan# 6488
Delta R.T. -0.02 min
Lab File: BM021988.D
Acq: 10 Aug 2019 02:38

Instrument :
BNA_M
ClientSampleId :
BENT0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	57.5	27.0	40.4#
125	36.0	12.2	18.2#

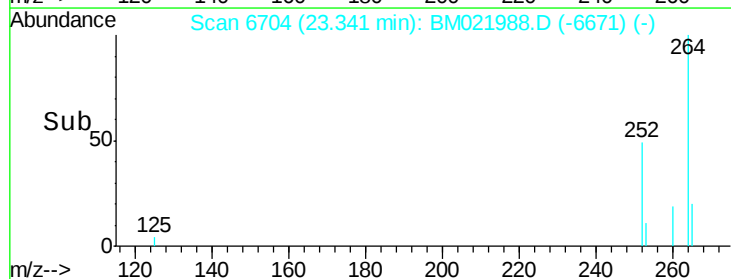
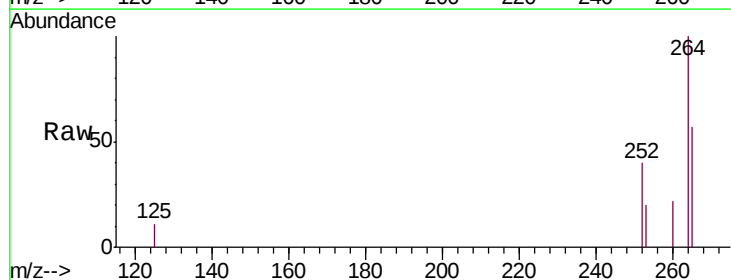
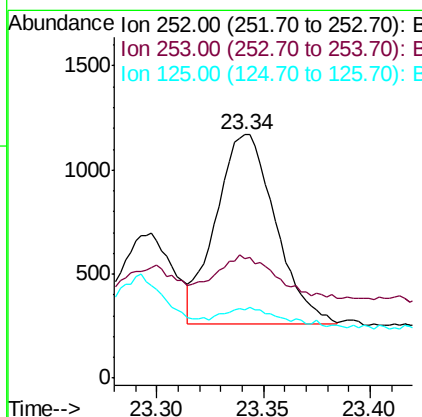
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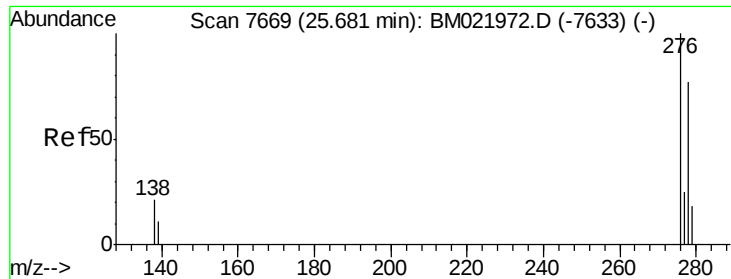
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#23
Benzo(a)pyrene
Concen: 0.140 ng/ul m
RT: 23.34 min Scan# 6704
Delta R.T. -0.02 min
Lab File: BM021988.D
Acq: 10 Aug 2019 02:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	49.1	31.7	47.5#
125	27.9	14.6	21.8#





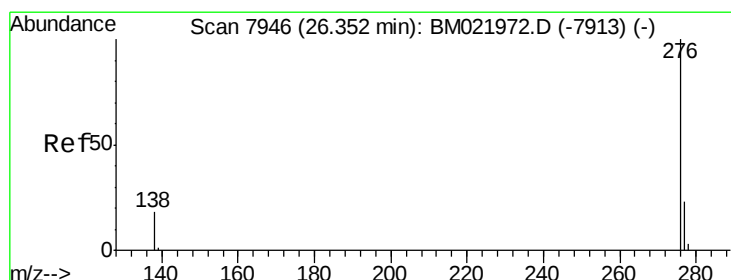
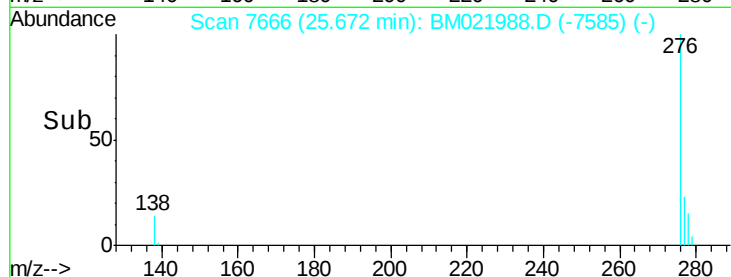
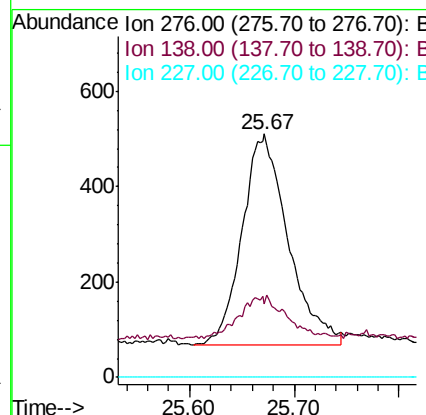
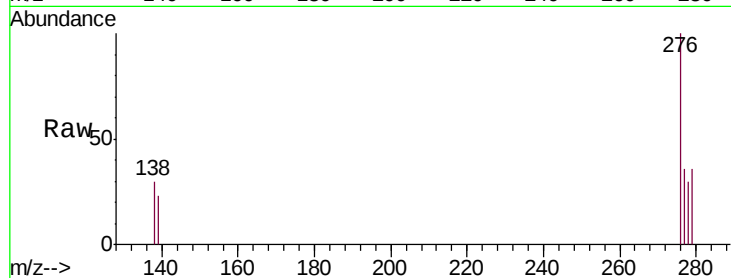
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.091 ng/ul m
 RT: 25.67 min Scan# 7666
 Delta R.T. -0.00 min
 Lab File: BM021988.D
 Acq: 10 Aug 2019 02:38

Instrument :
 BNA_M
 ClientSampleId :
 BENT0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.0	15.1	22.7#
227	0.0	0.0	0.0

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#26
 Benzo(g,h,i)perylene
 Concen: 0.104 ng/ul m
 RT: 26.35 min Scan# 7946
 Delta R.T. -0.01 min
 Lab File: BM021988.D
 Acq: 10 Aug 2019 02:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.9	15.5	23.3#
277	36.6	21.4	32.2#

