

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM022003.D
 Acq On : 10 Aug 2019 18:54
 Operator : HP/JU
 Sample : K4041-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENT3

Manual Integrations
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Quant Time: Aug 11 02:18:01 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 11 01:49:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	775	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	3298	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1788	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	4146m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	3604m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4679	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1052	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2746m	0.20	ng/ul	-0.02
Target Compounds				Qvalue		
7) Acenaphthylene	13.99	152	198	0.024	ng/ul#	52
12) Phenanthrene	17.06	178	835m	0.069	ng/ul	
15) Fluoranthene	19.09	202	2307m	0.143	ng/ul	
17) Pyrene	19.45	202	2684	0.181	ng/ul#	83
18) Benzo(a)anthracene	21.22	228	1287	0.100	ng/ul#	86
19) Chrysene	21.27	228	1368	0.083	ng/ul#	89
21) Benzo(b)fluoranthene	22.78	252	2114m	0.134	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	852m	0.048	ng/ul	
23) Benzo(a)pyrene	23.34	252	1286	0.080	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	25.67	276	1109	0.058	ng/ul#	96
26) Benzo(g,h,i)perylene	26.35	276	1178	0.068	ng/ul#	75

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

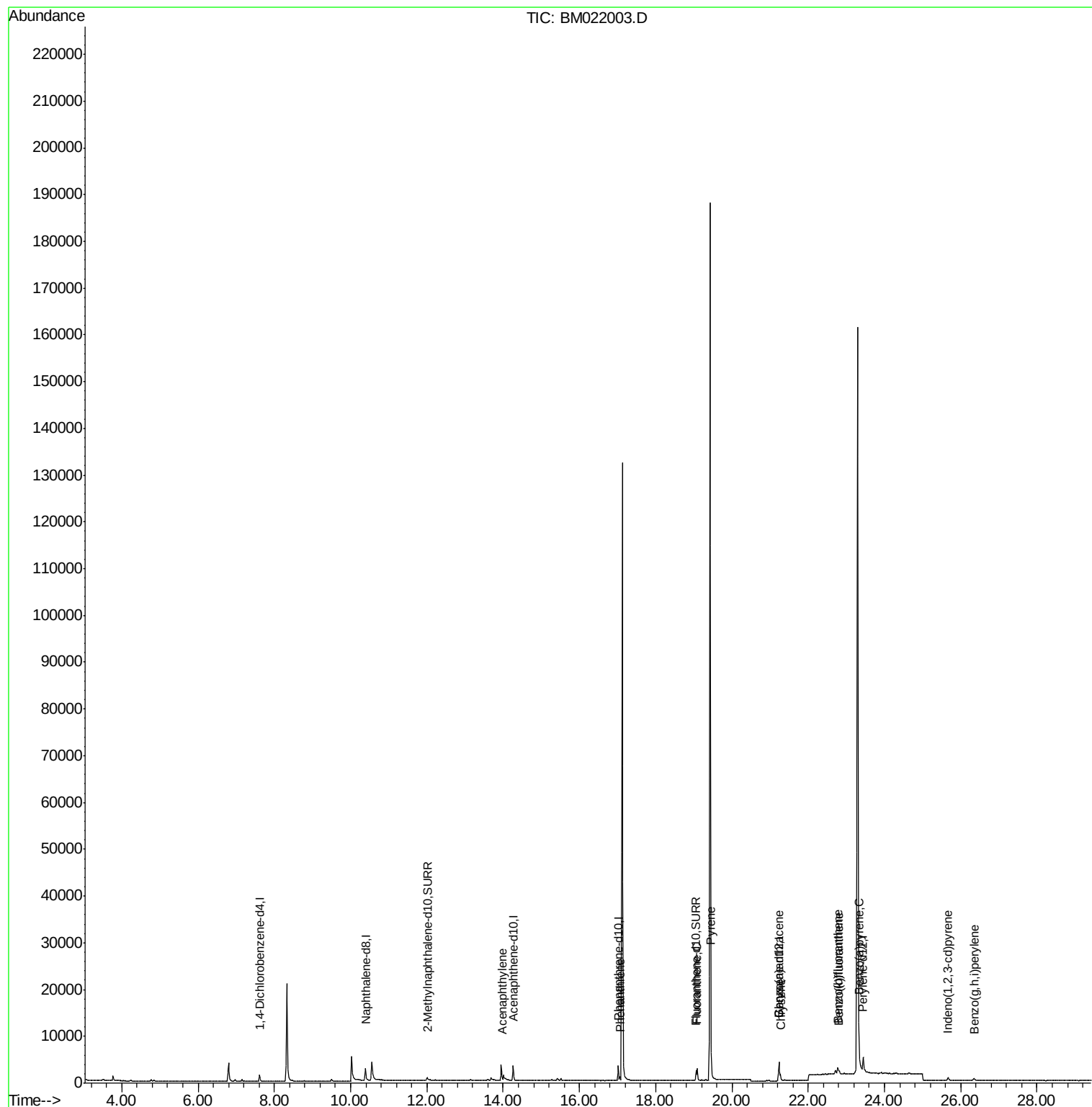
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM022003.D
Acq On : 10 Aug 2019 18:54
Operator : HP/JU
Sample : K4041-09
Misc :
ALS Vial : 40 Sample Multiplier: 1

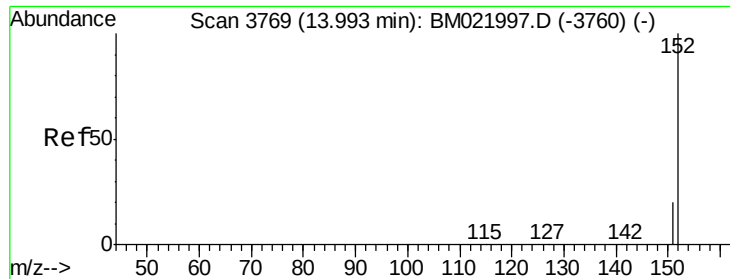
Instrument :
BNA_M
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BENT3

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#7

Acenaphthylene

Concen: 0.024 ng/ul

RT: 13.99 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BM022003.D

Acq: 10 Aug 2019 18:54

Instrument :

BNA_M

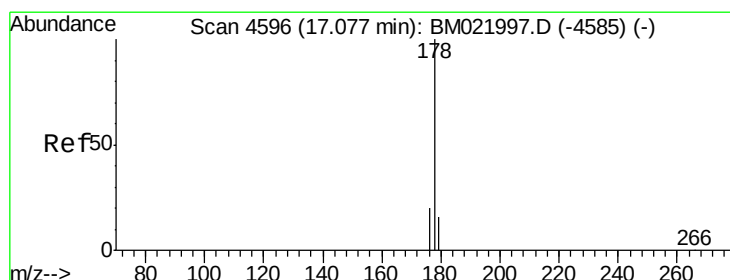
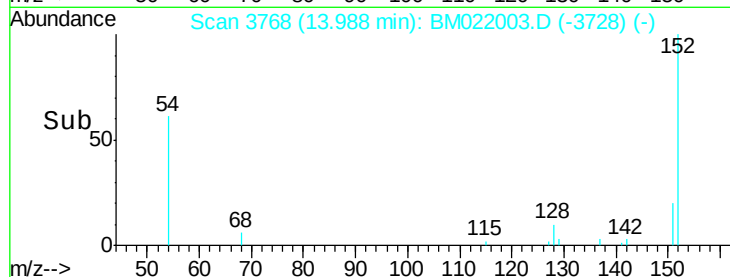
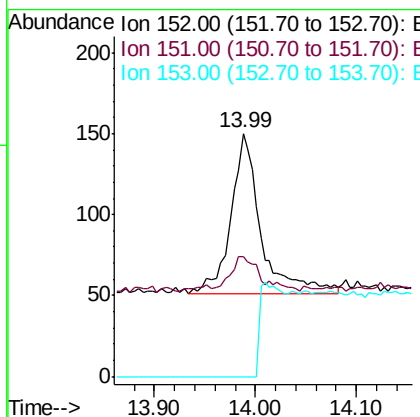
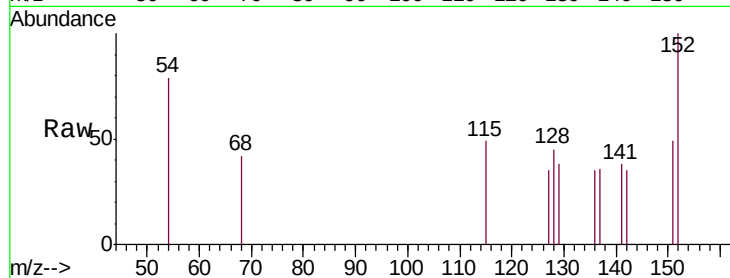
ClientSampled :

BENT3

Tgt Ion:	152	Resp:	198
Ion Ratio	Lower	Upper	
152	100		
151	49.3	18.3	27.5#
153	0.0	12.8	19.2#

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#12

Phenanthrene

Concen: 0.069 ng/ul m

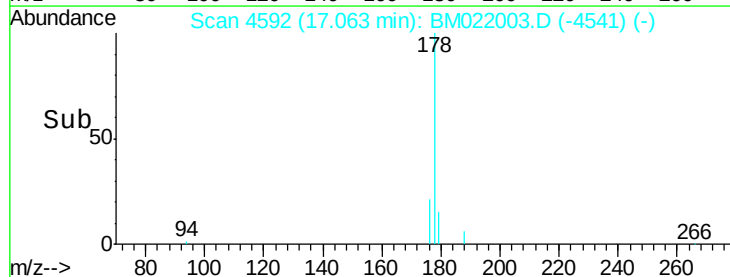
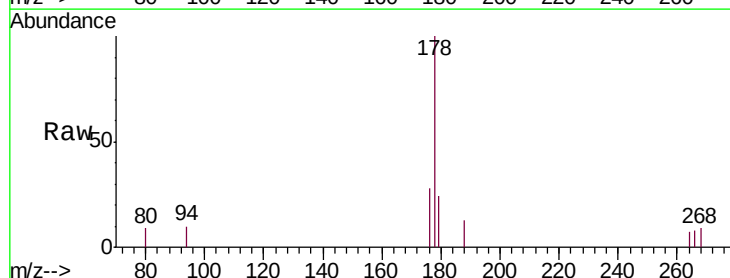
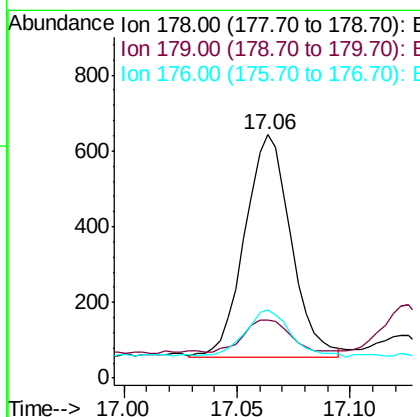
RT: 17.06 min Scan# 4592

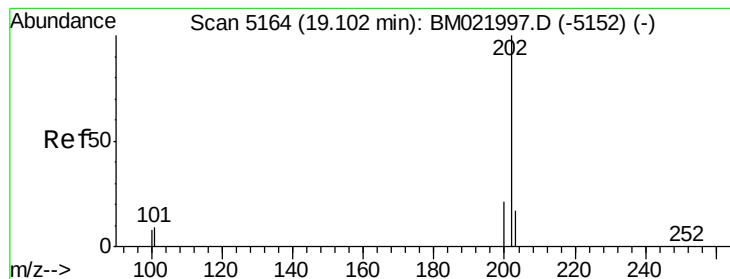
Delta R.T. -0.02 min

Lab File: BM022003.D

Acq: 10 Aug 2019 18:54

Tgt Ion:	178	Resp:	835
Ion Ratio	Lower	Upper	
178	100		
179	23.6	14.2	21.2#
176	27.8	16.8	25.2#





#15

Fluoranthene

Concen: 0.143 ng/ul m

RT: 19.09 min Scan# 5161

Delta R.T. -0.02 min

Lab File: BM022003.D

Acq: 10 Aug 2019 18:54

Instrument :

BNA_M

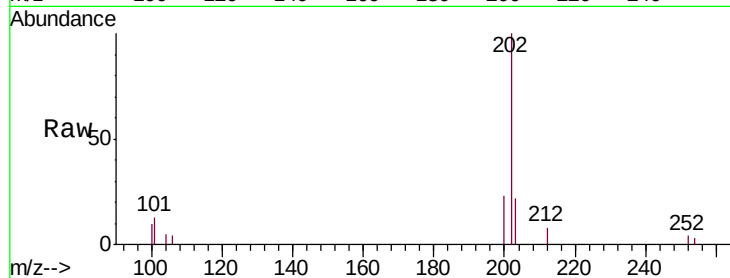
ClientSampleId :

BENT3

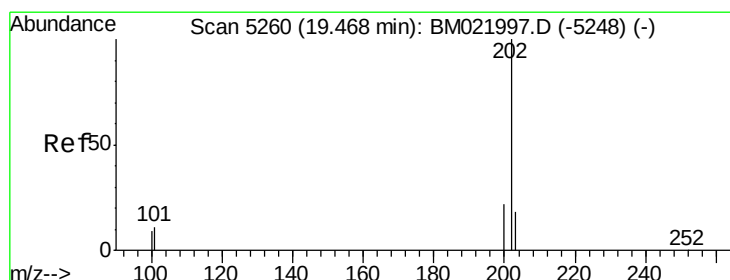
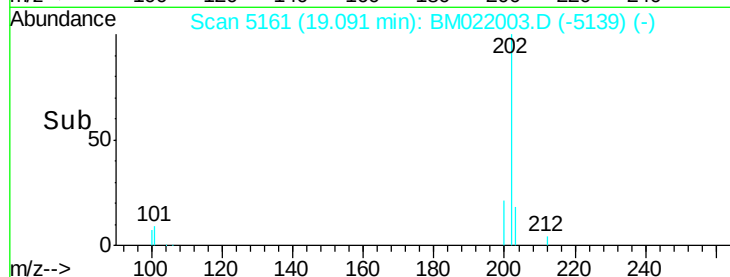
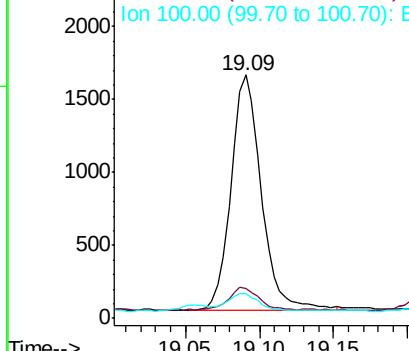
Tgt Ion:	202	Resp:	2307
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	30.2
100	9.9	0.0	28.1

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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



#17

Pyrene

Concen: 0.181 ng/ul

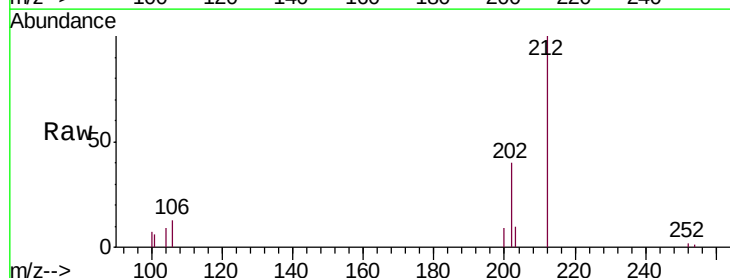
RT: 19.45 min Scan# 5256

Delta R.T. -0.02 min

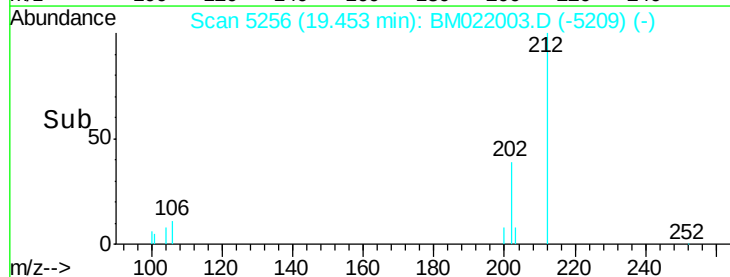
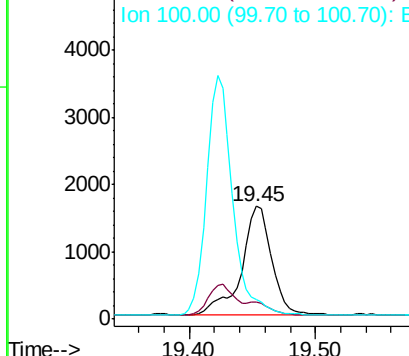
Lab File: BM022003.D

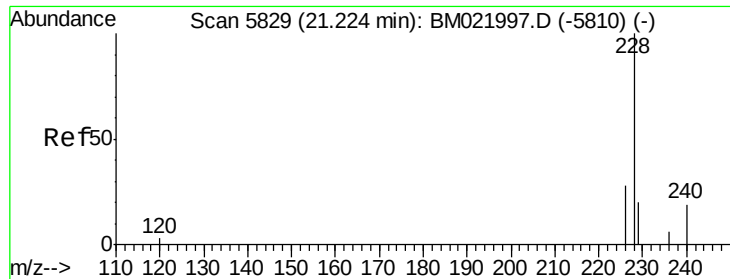
Acq: 10 Aug 2019 18:54

Tgt Ion:	202	Resp:	2684
Ion Ratio	Lower	Upper	
202	100		
101	15.1	8.3	12.5#
100	17.3	7.2	10.8#



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





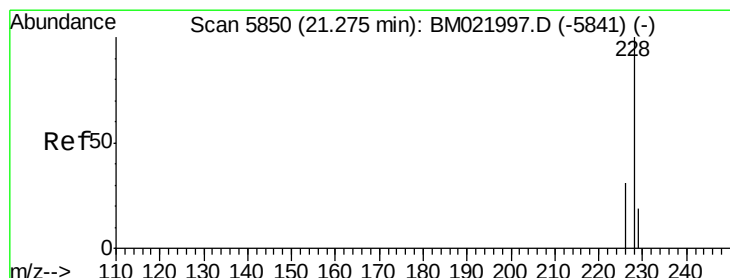
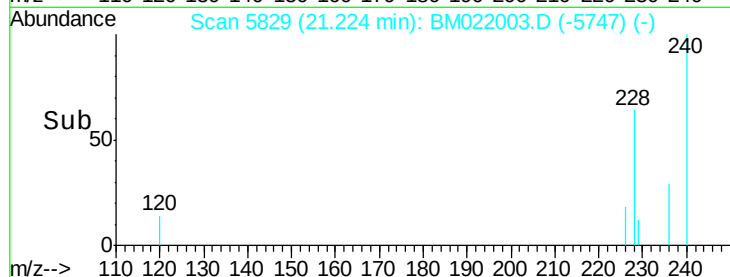
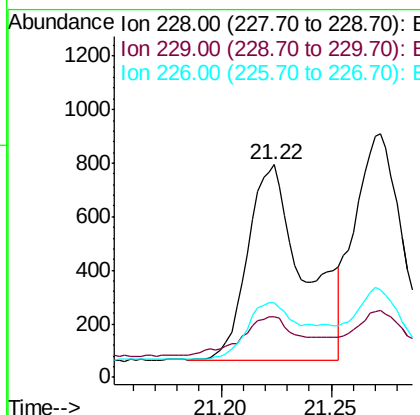
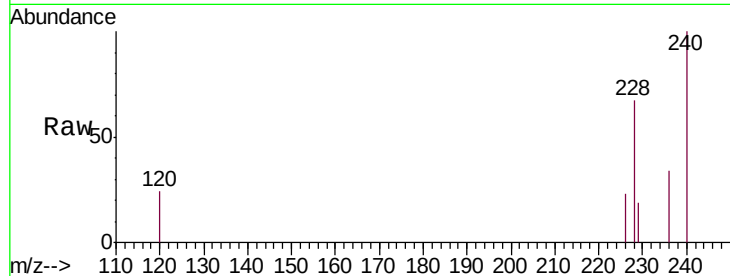
#18
Benzo(a)anthracene
Concen: 0.100 ng/ul
RT: 21.22 min Scan# 5829
Delta R.T. -0.00 min
Lab File: BM022003.D
Acq: 10 Aug 2019 18:54

Instrument :
BNA_M
ClientSampleId :
BENT3

Tgt Ion	Ratio	Lower	Upper
228	100		
229	28.5	17.2	25.8#
226	35.1	22.6	34.0#

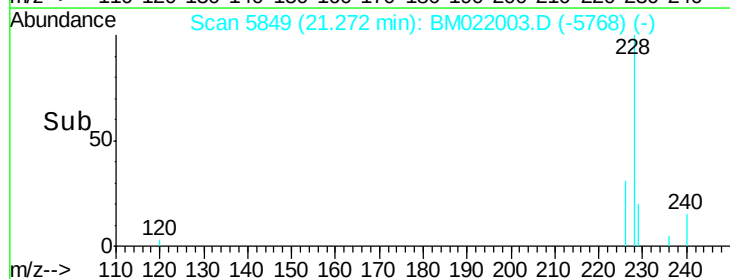
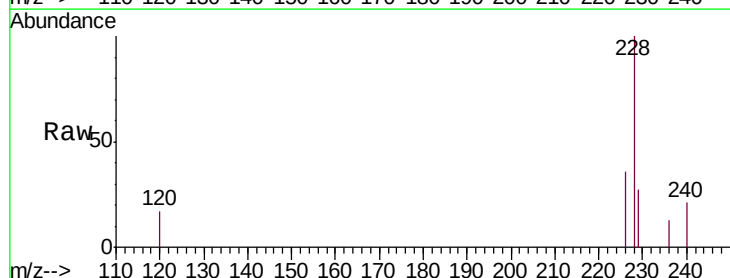
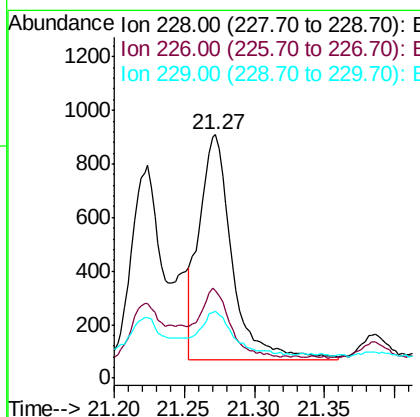
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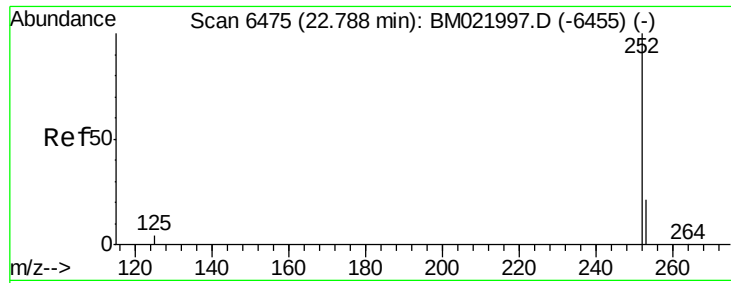
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#19
Chrysene
Concen: 0.083 ng/ul
RT: 21.27 min Scan# 5849
Delta R.T. -0.01 min
Lab File: BM022003.D
Acq: 10 Aug 2019 18:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.0	24.9	37.3
229	27.3	16.6	25.0#





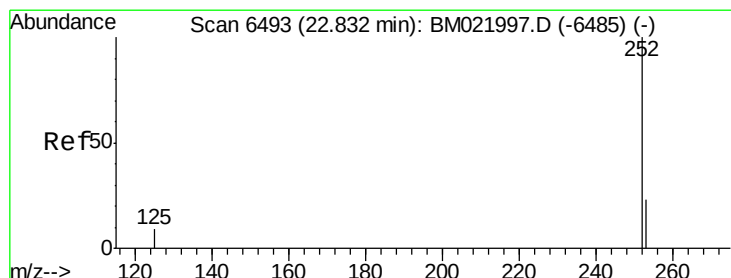
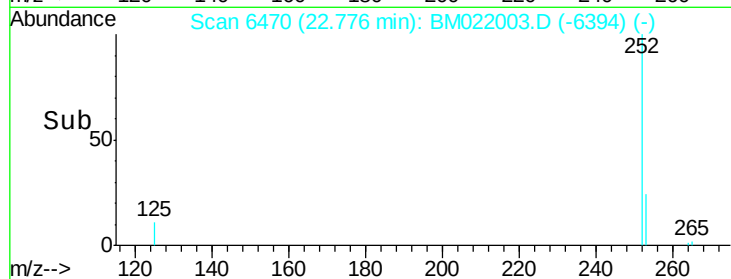
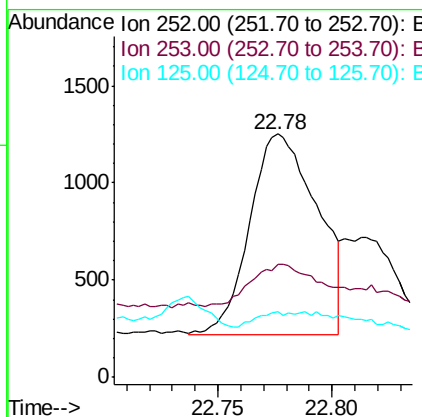
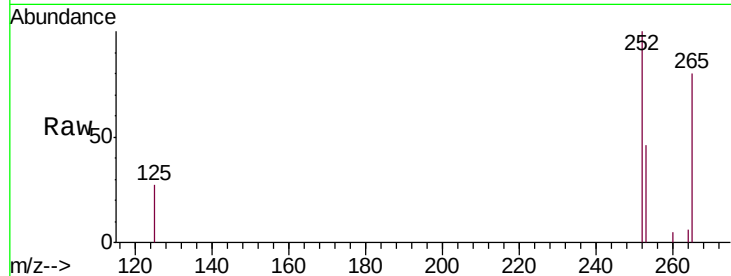
#21
Benzo(b)fluoranthene
Concen: 0.134 ng/ul m
RT: 22.78 min Scan# 6470
Delta R.T. -0.01 min
Lab File: BM022003.D
Acq: 10 Aug 2019 18:54

Instrument :
BNA_M
ClientSampleId :
BENT3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.3	0.0	67.4
125	26.9	0.0	31.0

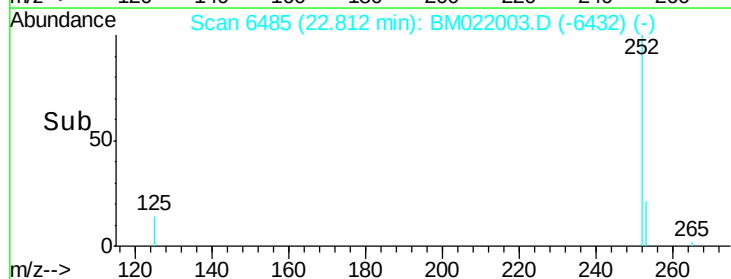
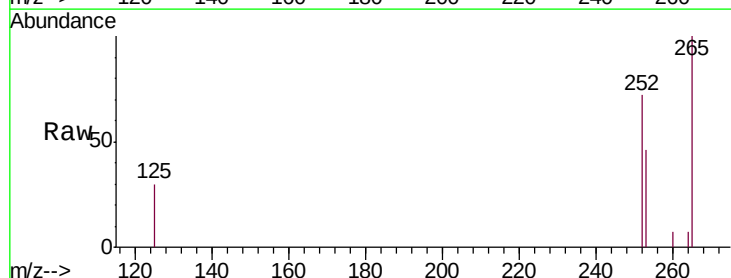
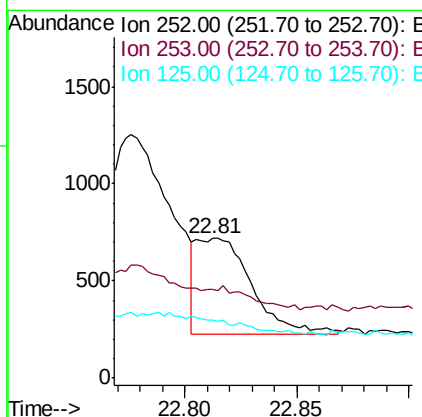
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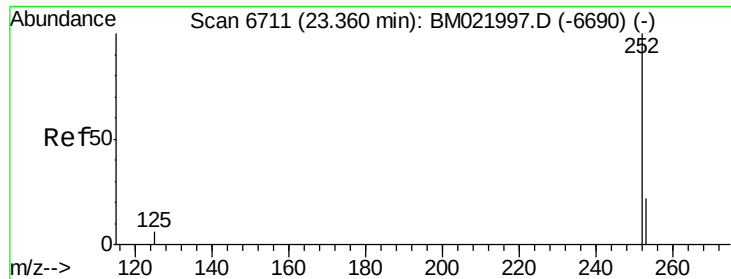
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#22
Benzo(k)fluoranthene
Concen: 0.048 ng/ul m
RT: 22.81 min Scan# 6485
Delta R.T. -0.02 min
Lab File: BM022003.D
Acq: 10 Aug 2019 18:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	63.6	27.0	40.4#
125	41.7	12.2	18.2#





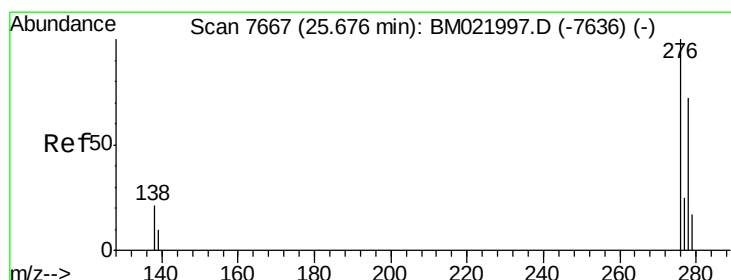
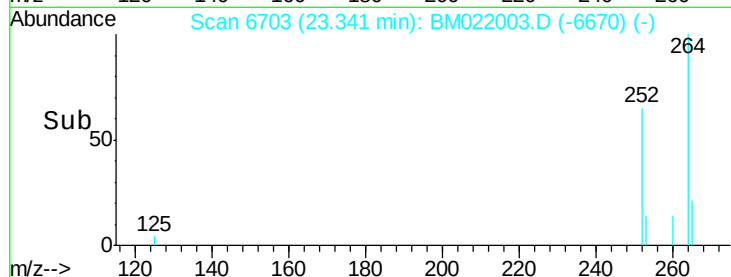
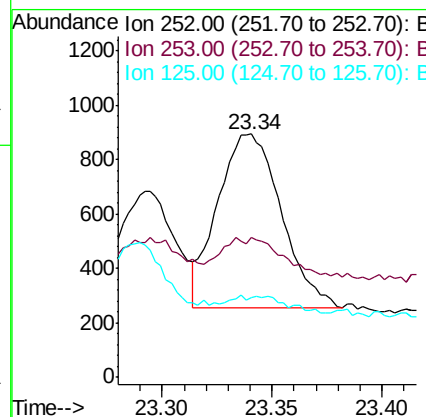
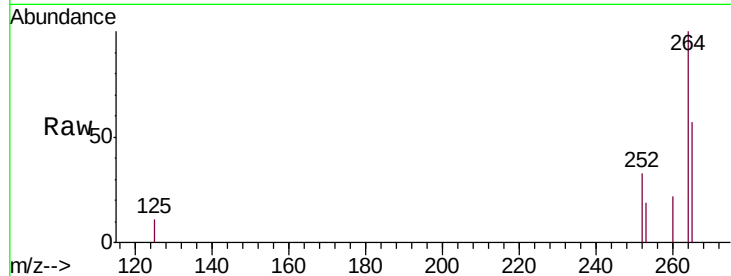
#23
Benzo(a)pyrene
Concen: 0.080 ng/ul
RT: 23.34 min Scan# 6703
Delta R.T. -0.02 min
Lab File: BM022003.D
Acq: 10 Aug 2019 18:54

Instrument :
BNA_M
ClientSampleId :
BENT3

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1286		
253	57.3	31.7	47.5#	
125	32.6	14.6	21.8#	

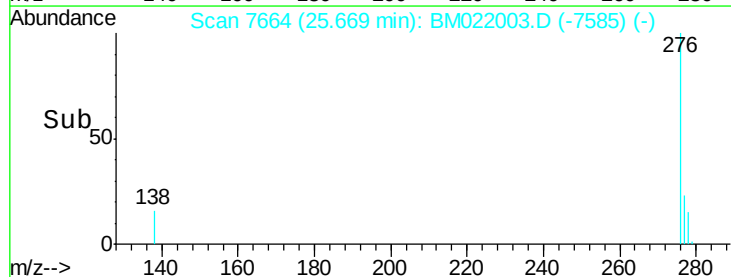
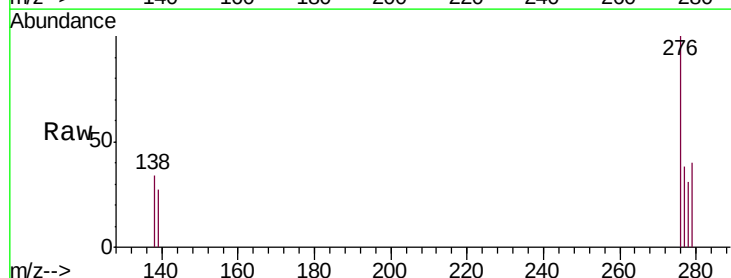
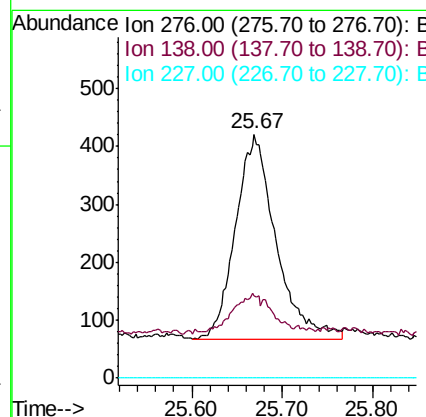
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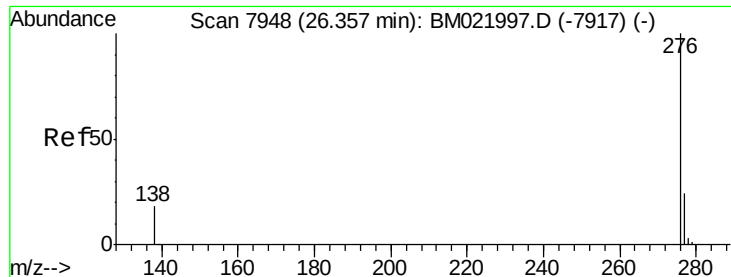
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.058 ng/ul
RT: 25.67 min Scan# 7664
Delta R.T. -0.01 min
Lab File: BM022003.D
Acq: 10 Aug 2019 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1109		
138	17.0	15.1	22.7	
227	0.0	0.0	0.0	





#26

Benzo(g,h,i)perylene

Concen: 0.068 ng/ul

RT: 26.35 min Scan# 7944

Delta R.T. -0.01 min

Lab File: BM022003.D

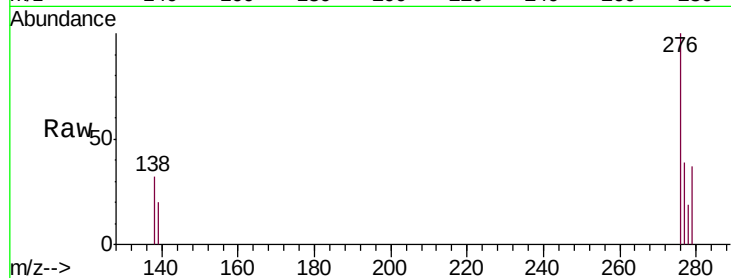
Acq: 10 Aug 2019 18:54

Instrument :

BNA_M

ClientSampleId :

BENT3



Tgt Ion: 276 Resp: 1178

Ion Ratio Lower Upper

276 100

138 31.9 15.5 23.3#

277 39.1 21.4 32.2#

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