

Data File : BM022033.D
Acq On : 12 Aug 2019 15:53
Operator : HP/JU
Sample : K3962-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP09

Manual Integrations
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8/13/2019 9:56:22 AM

Quant Time: Aug 12 16:46:08 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 : Mon Aug 12 14:07:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	785	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	3178	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	1684	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	3983m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.23	240	3685m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4765	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1166	0.22	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	3304m	0.25	ng/ul	-0.02
Target Compounds						
7) Acenaphthylene	13.99	152	287	0.037	ng/ul#	59
12) Phenanthrene	17.06	178	925m	0.080	ng/ul	
15) Fluoranthene	19.08	202	2305m	0.148	ng/ul	
17) Pyrene	19.45	202	2534	0.167	ng/ul#	86
18) Benzo(a)anthracene	21.21	228	1239	0.094	ng/ul#	79
19) Chrysene	21.27	228	1215	0.072	ng/ul#	84
21) Benzo(b)fluoranthene	22.77	252	2002m	0.125	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	725m	0.040	ng/ul	
23) Benzo(a)pyrene	23.33	252	1297	0.079	ng/ul#	67
24) Indeno(1,2,3-cd)pyrene	25.65	276	980	0.050	ng/ul#	81
26) Benzo(g,h,i)perylene	26.34	276	985	0.056	ng/ul#	57

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

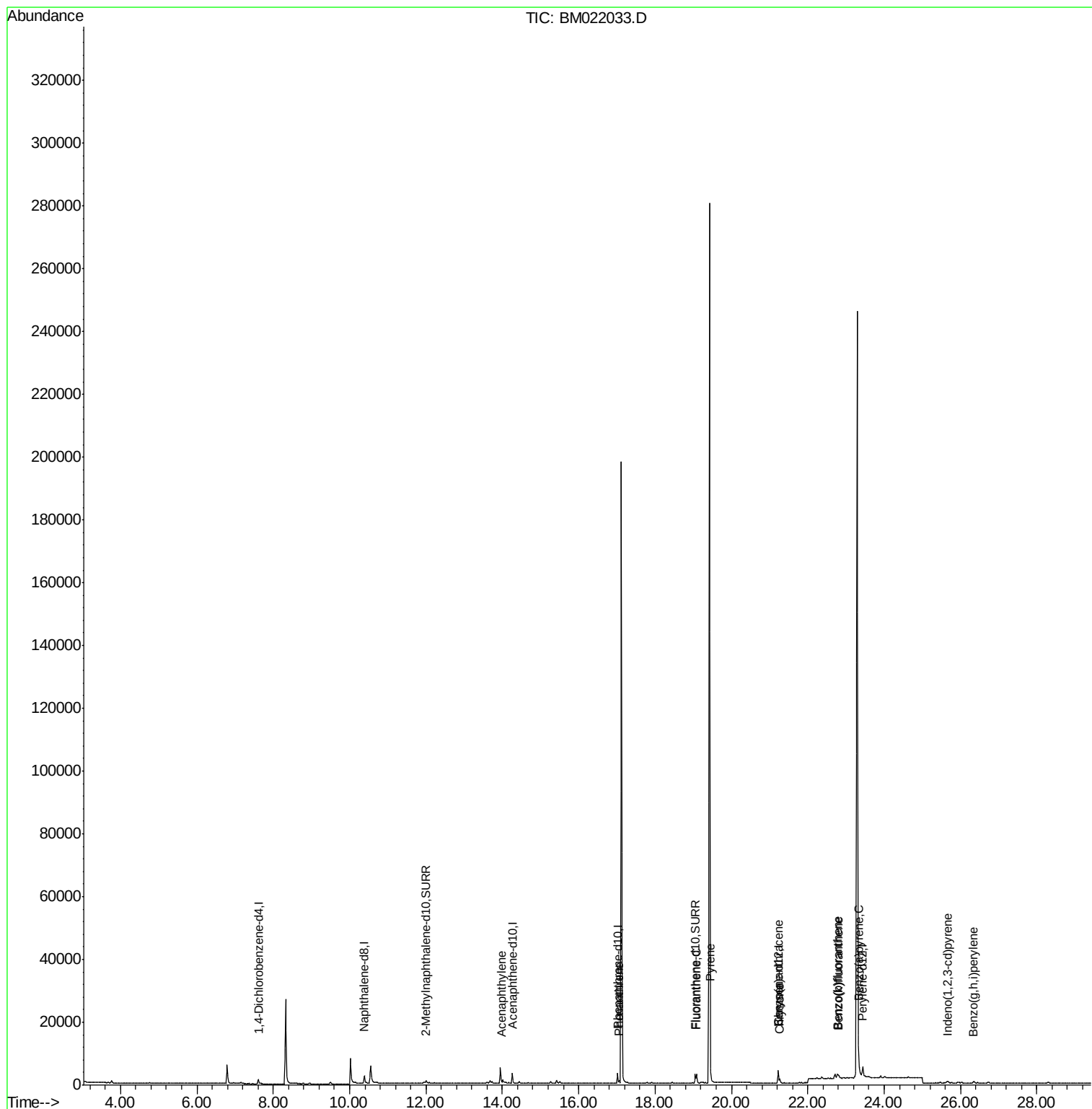
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ALS Vial : 14 Sample Multiplier: 1

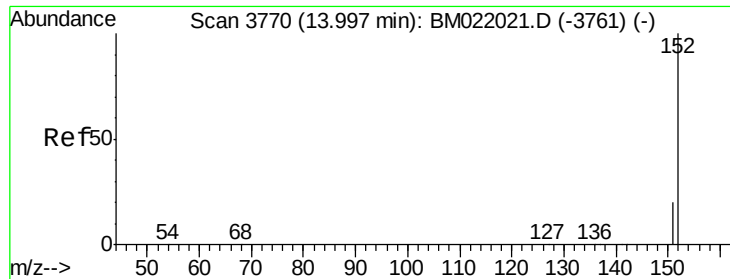
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 14:07:26 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 13.99 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BM022033.D

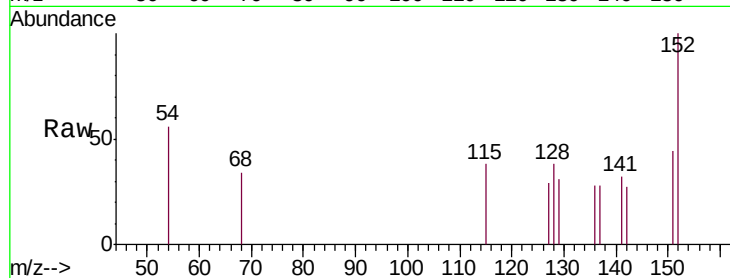
Acq: 12 Aug 2019 15:53

Instrument :

BNA_M

ClientSampled :

BEP09



Tgt Ion:152 Resp: 287

Ion Ratio Lower Upper

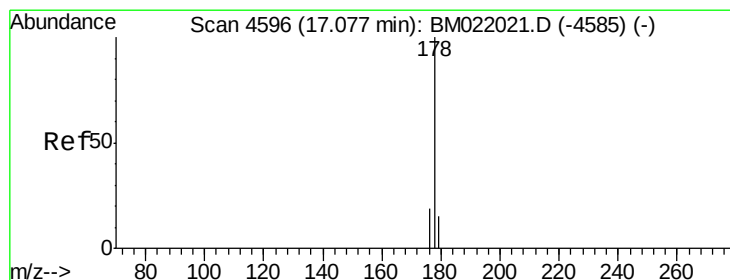
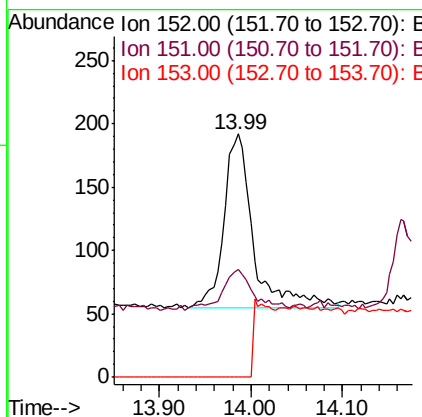
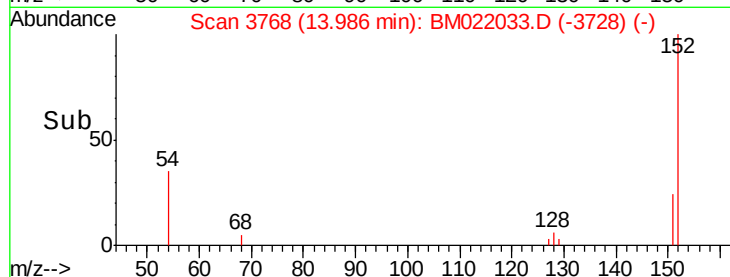
152 100

151 44.3 18.3 27.5#

153 0.0 12.8 19.2#

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#12

Phenanthrene

Concen: 0.080 ng/ul m

RT: 17.06 min Scan# 4591

Delta R.T. -0.03 min

Lab File: BM022033.D

Acq: 12 Aug 2019 15:53

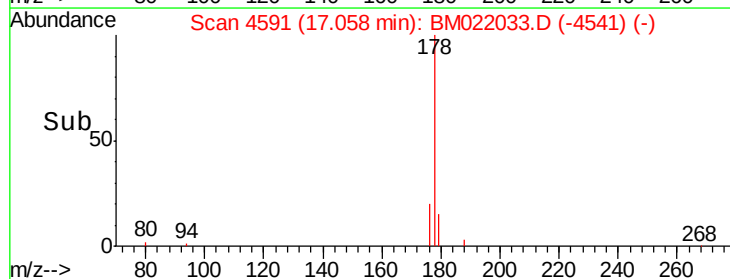
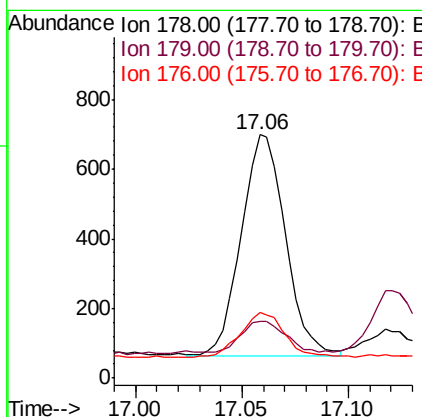
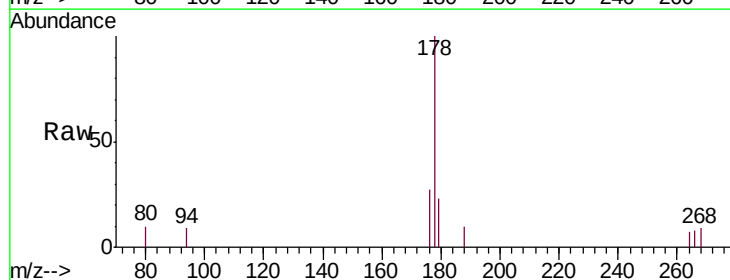
Tgt Ion:178 Resp: 925

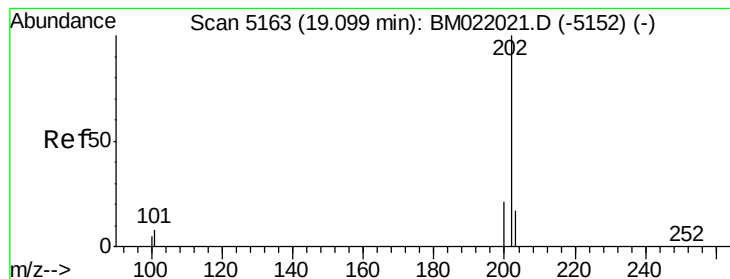
Ion Ratio Lower Upper

178 100

179 23.3 14.2 21.2#

176 26.8 16.8 25.2#





#15

Fluoranthene

Concen: 0.148 ng/ul m

RT: 19.08 min Scan# 5160

Delta R.T. -0.02 min

Lab File: BM022033.D

Acq: 12 Aug 2019 15:53

Instrument :

BNA_M

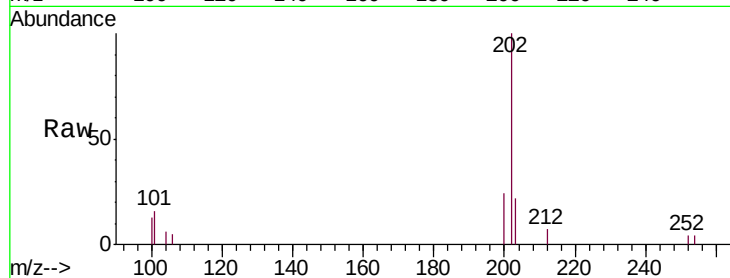
ClientSampleId :

BEP09

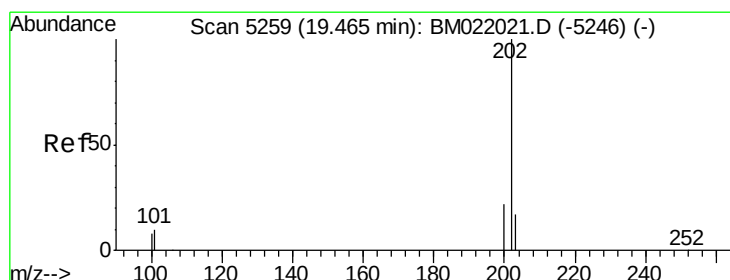
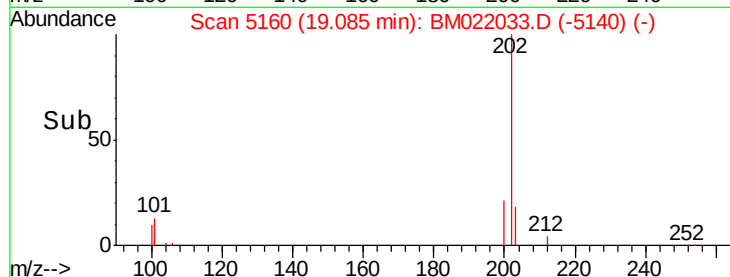
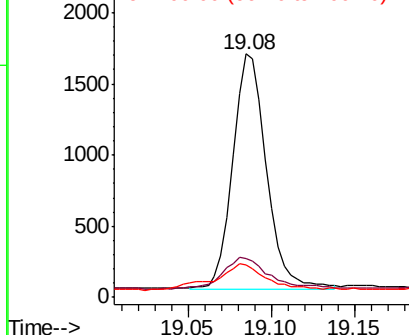
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2305		
101	15.8	0.0	30.2	
100	13.1	0.0	28.1	

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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: 0.167 ng/ul

RT: 19.45 min Scan# 5256

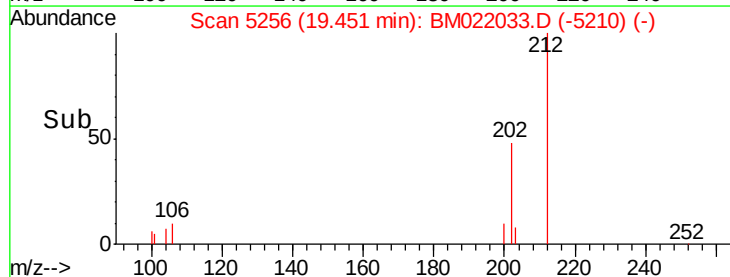
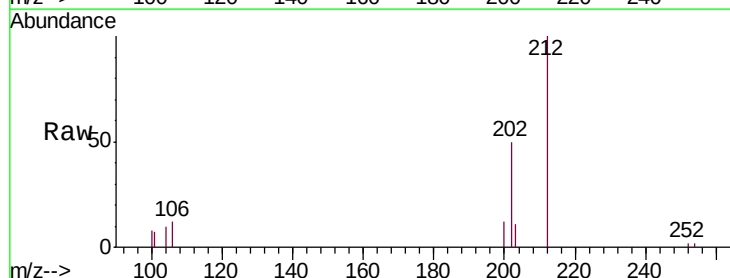
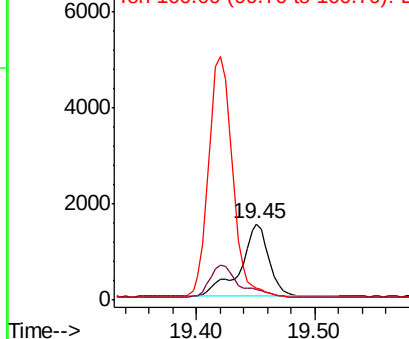
Delta R.T. -0.02 min

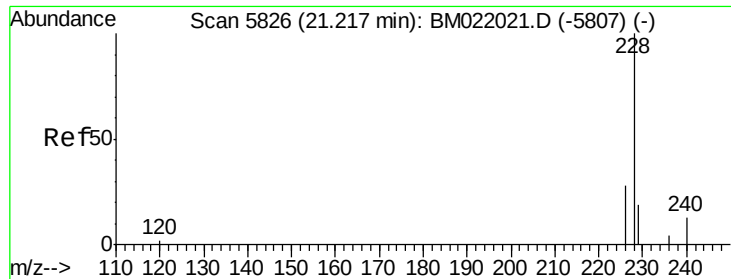
Lab File: BM022033.D

Acq: 12 Aug 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2534		
101	14.5	8.3	12.5#	
100	15.7	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





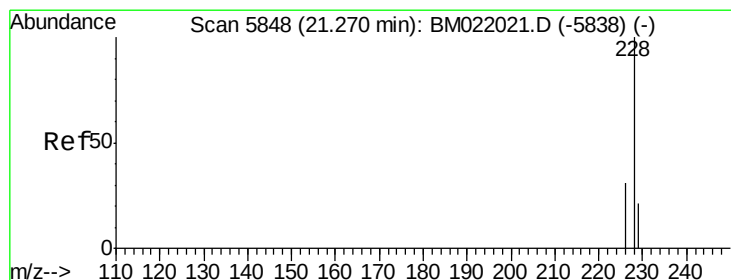
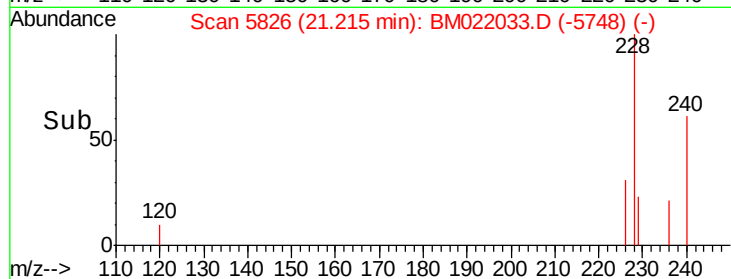
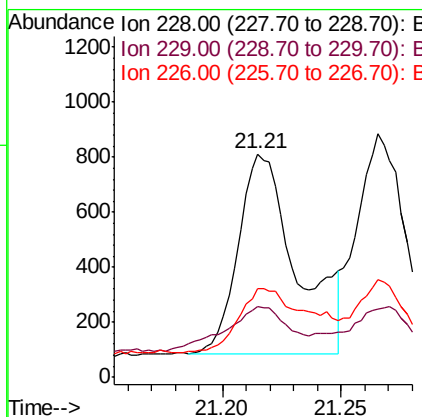
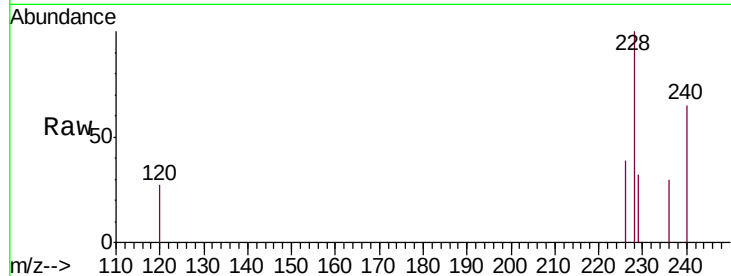
#18
Benzo(a)anthracene
Concen: 0.094 ng/ul
RT: 21.21 min Scan# 5826
Delta R.T. -0.01 min
Lab File: BM022033.D
Acq: 12 Aug 2019 15:53

Instrument :
BNA_M
ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	31.9	17.2	25.8#
226	39.5	22.6	34.0#

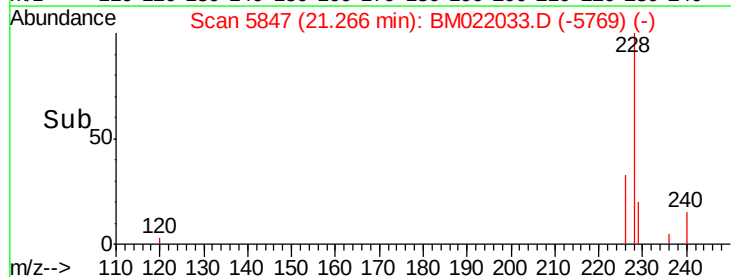
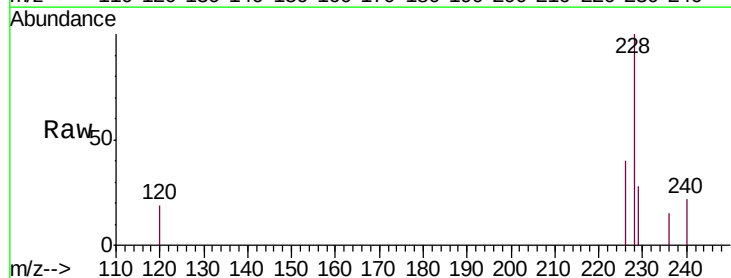
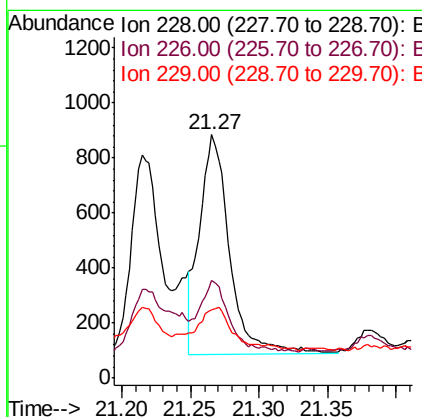
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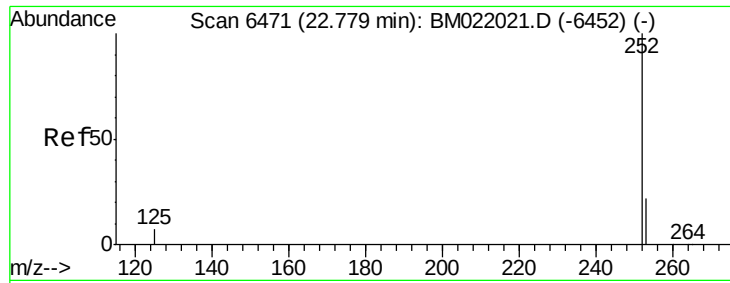
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#19
Chrysene
Concen: 0.072 ng/ul
RT: 21.27 min Scan# 5847
Delta R.T. -0.01 min
Lab File: BM022033.D
Acq: 12 Aug 2019 15:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	40.2	24.9	37.3#
229	28.2	16.6	25.0#





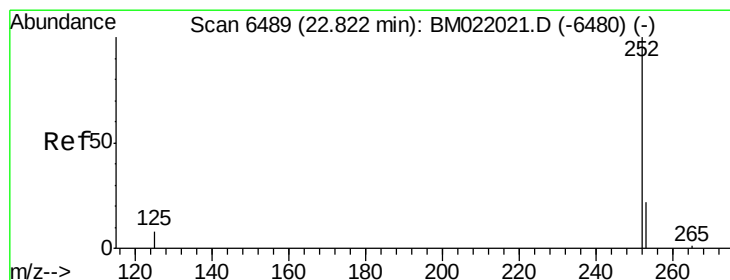
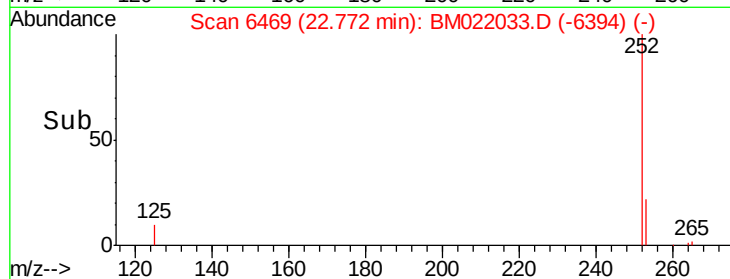
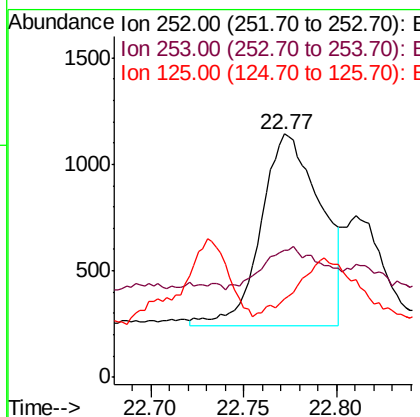
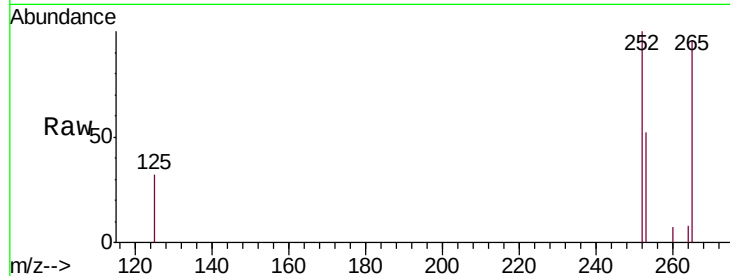
#21
Benzo(b)fluoranthene
Concen: 0.125 ng/ul m
RT: 22.77 min Scan# 6469
Delta R.T. -0.02 min
Lab File: BM022033.D
Acq: 12 Aug 2019 15:53

Instrument :
BNA_M
ClientSampled :
BEP09

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	52.0	0.0	67.4
125	32.4	0.0	31.0

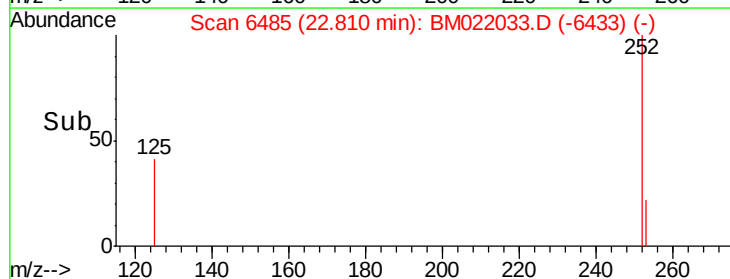
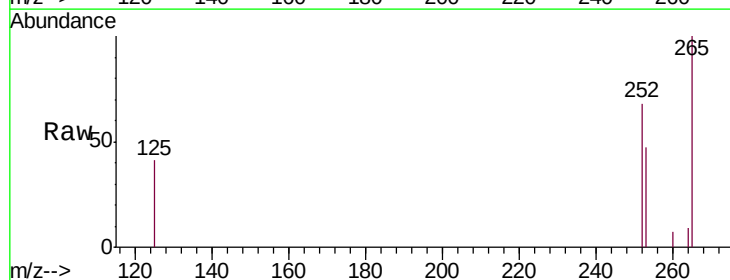
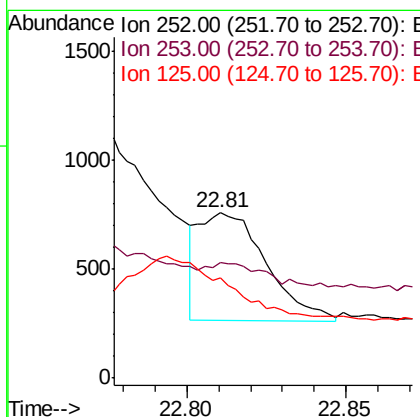
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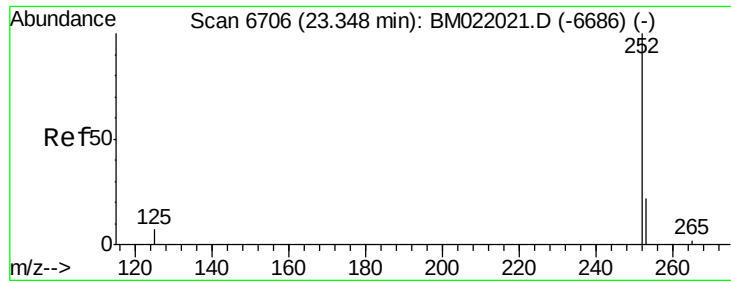
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#22
Benzo(k)fluoranthene
Concen: 0.040 ng/ul m
RT: 22.81 min Scan# 6485
Delta R.T. -0.02 min
Lab File: BM022033.D
Acq: 12 Aug 2019 15:53

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	69.7	27.0	40.4
125	60.4	12.2	18.2





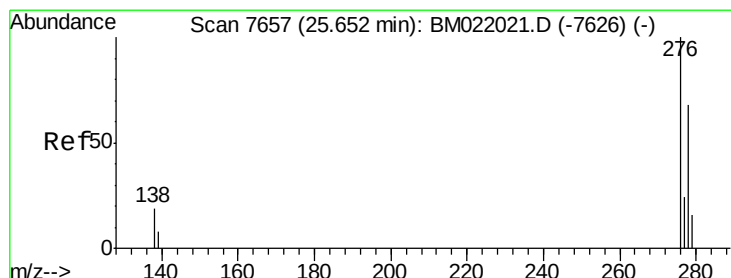
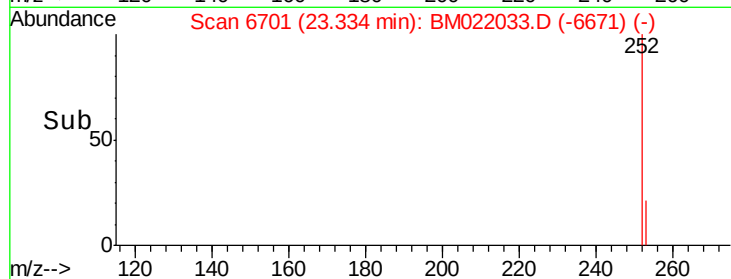
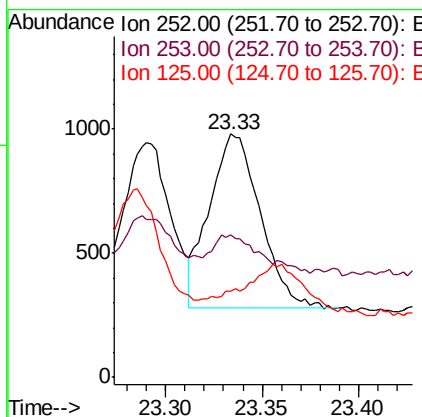
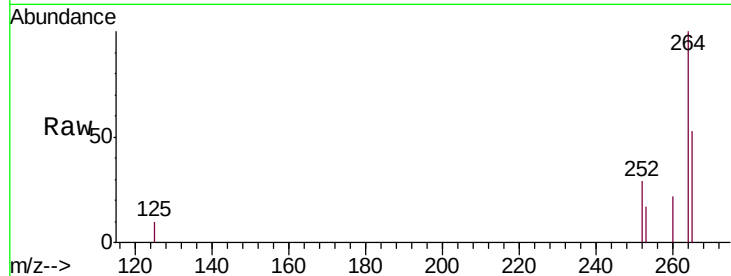
#23
Benzo(a)pyrene
Concen: 0.079 ng/ul
RT: 23.33 min Scan# 6701
Delta R.T. -0.03 min
Lab File: BM022033.D
Acq: 12 Aug 2019 15:53

Instrument :
BNA_M
ClientSampleId :
BEP09

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1297		
253	58.3	31.7	47.5#	
125	35.2	14.6	21.8#	

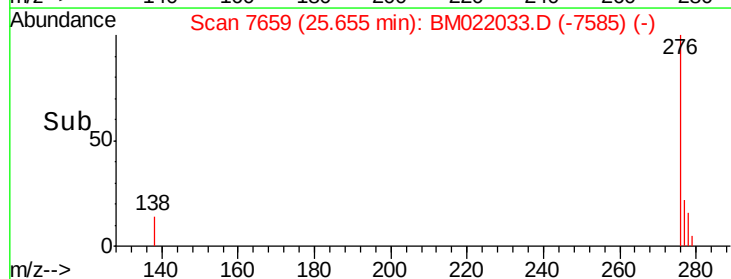
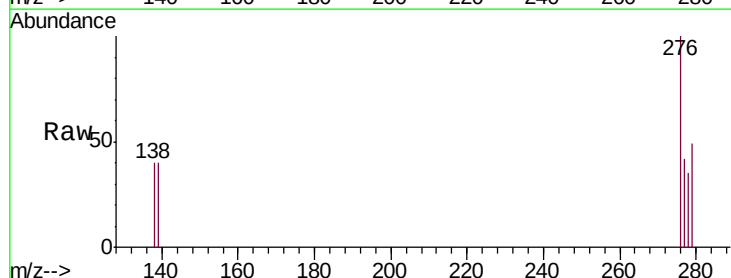
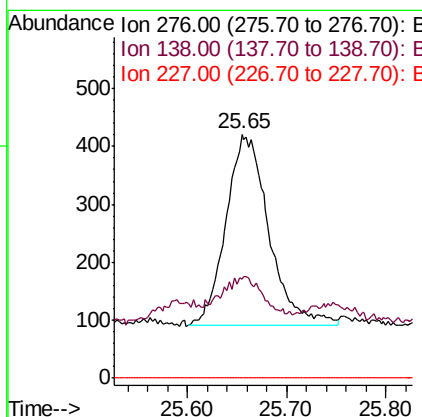
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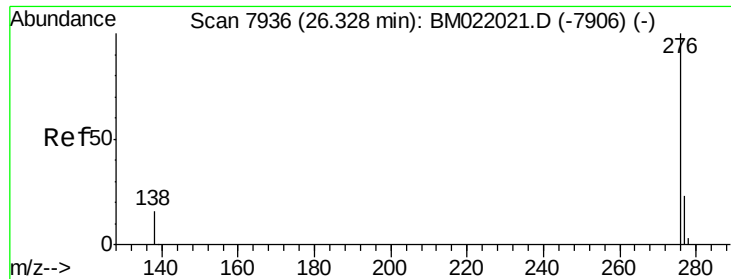
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.050 ng/ul
RT: 25.65 min Scan# 7659
Delta R.T. -0.02 min
Lab File: BM022033.D
Acq: 12 Aug 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	980		
138	27.6	15.1	22.7#	
227	0.0	0.0	0.0	





#26
 Benzo(g,h,i)perylene
 Concen: 0.056 ng/uL
 RT: 26.34 min Scan# 7941
 Delta R.T. -0.02 min
 Lab File: BM022033.D
 Acq: 12 Aug 2019 15:53

Instrument :
 BNA_M
 ClientSampleId :
 BEP09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	44.8	15.5	23.3#
277	44.6	21.4	32.2#

Manual Integrations
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