

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
 Data File : BN004011.D
 Acq On : 17 Dec 2018 00:40
 Operator : JU/SJ
 Sample : J6228-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E58

Manual Integrations
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Quant Time: Dec 17 07:01:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 17 06:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1990	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9883	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5911	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14715m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	16388m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13936m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3731	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	11549m	0.27	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.68	128	1873	0.067	ng/ul#	86
5) 2-Methylnaphthalene	12.29	142	3713	0.192	ng/ul	98
9) Fluorene	15.52	166	821	0.030	ng/ul#	96
12) Phenanthrene	17.26	178	87652m	1.815	ng/ul	
13) Anthracene	17.35	178	5572m	0.140	ng/ul	
15) Fluoranthene	19.27	202	19099m	0.335	ng/ul	
17) Pyrene	19.64	202	85664	1.457	ng/ul	96
18) Benzo(a)anthracene	21.38	228	47060m	0.909	ng/ul	
19) Chrysene	21.43	228	83659m	1.412	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	25713m	0.446	ng/ul	
23) Benzo(a)pyrene	23.62	252	32753m	0.656	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	18138m	0.317	ng/ul	
25) Dibenzo(a,h)anthracene	26.08	278	14090m	0.306	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	37713m	0.758	ng/ul	

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

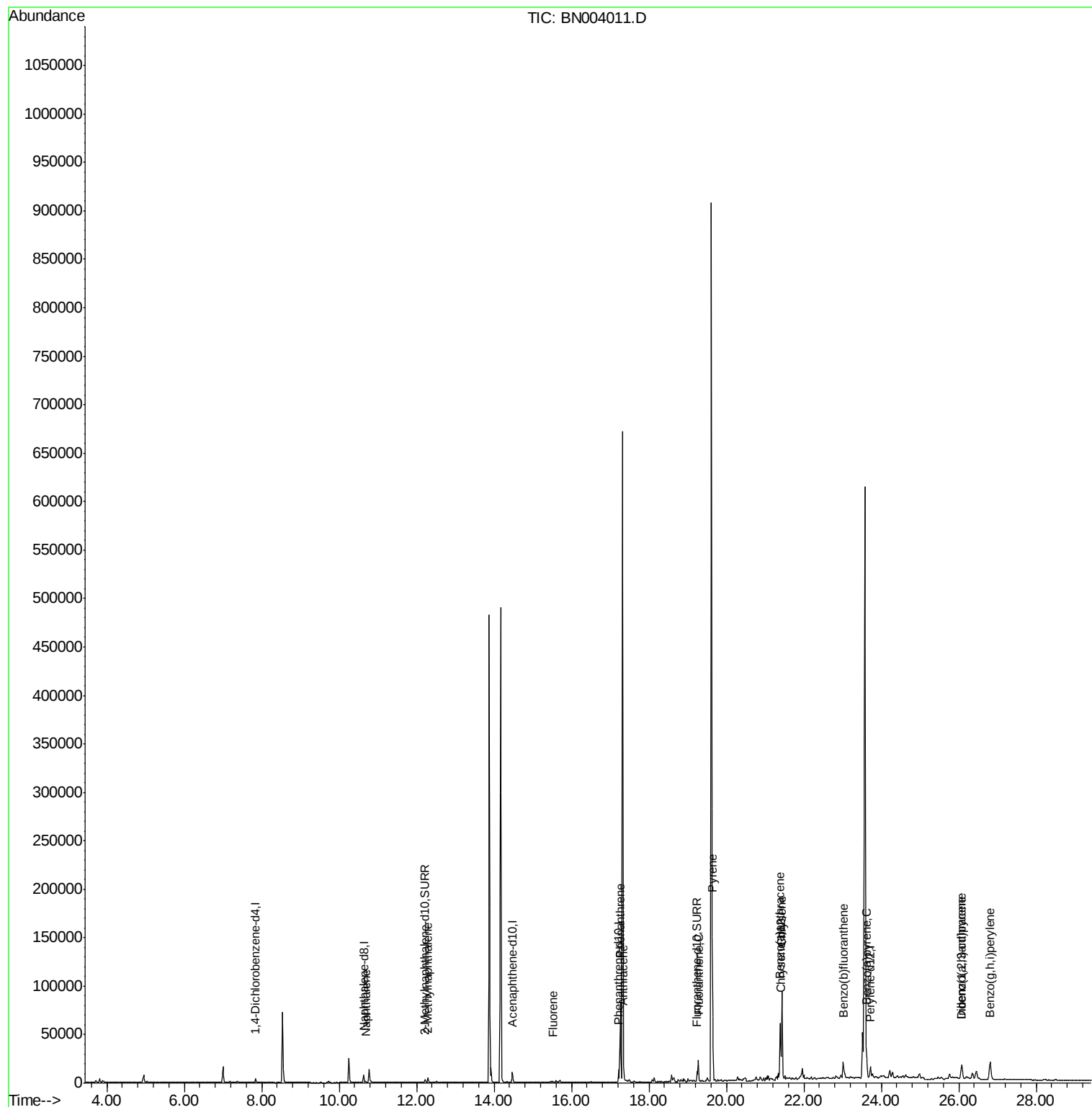
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

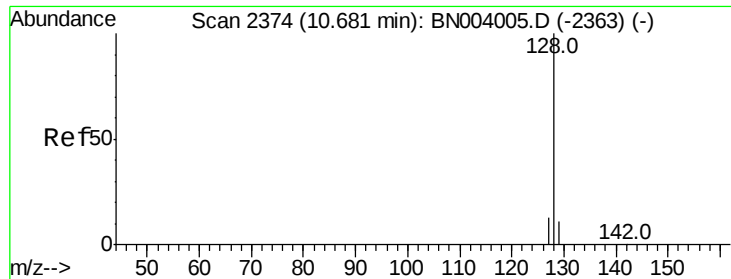
Instrument :
BNA_N
ClientSampleId :
F9E58

Quant Time: Dec 17 07:01:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.067 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BN004011.D

Acq: 17 Dec 2018 00:40

Instrument :

BNA_N

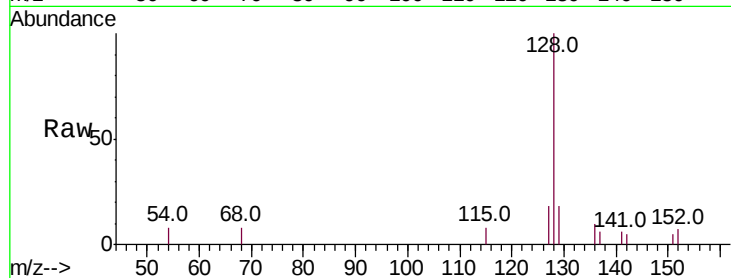
ClientSampleId :

F9E58

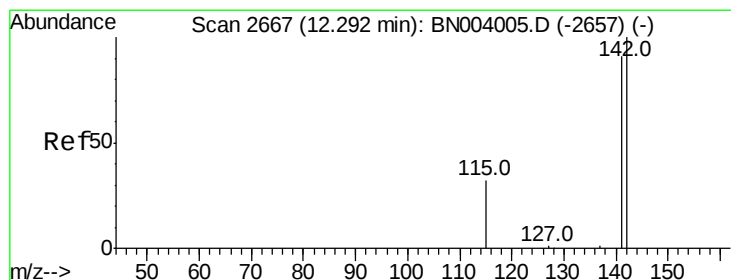
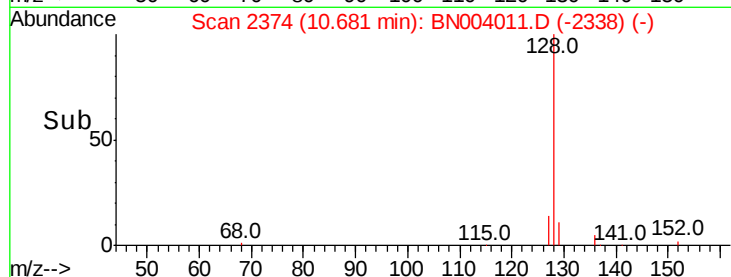
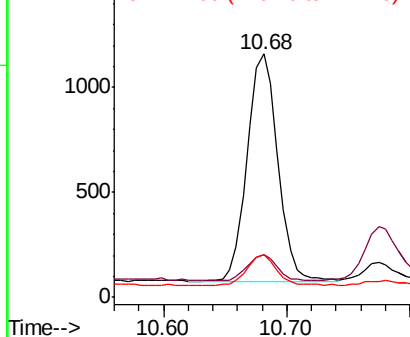
Tot Ion:	128	Resp:	1873
Ion Ratio	Lower	Upper	
128	100		
129	17.7	9.0	13.6#
127	17.7	10.5	15.7#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.192 ng/ul

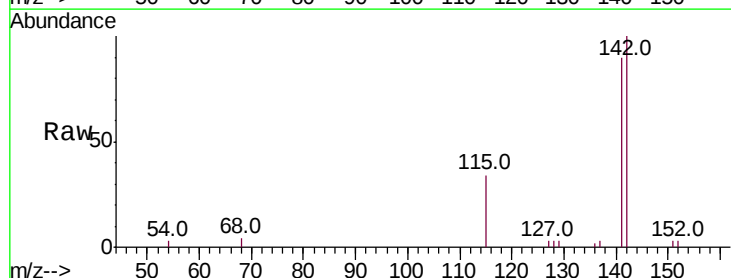
RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

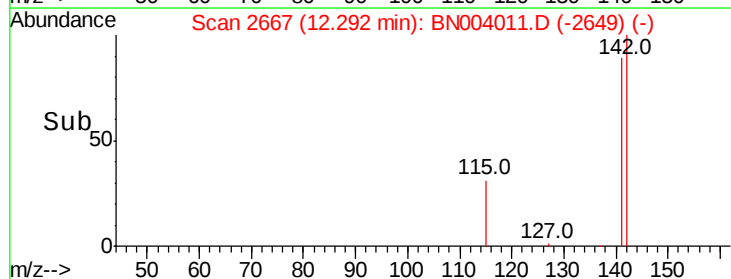
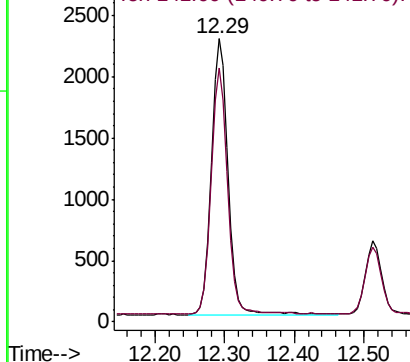
Lab File: BN004011.D

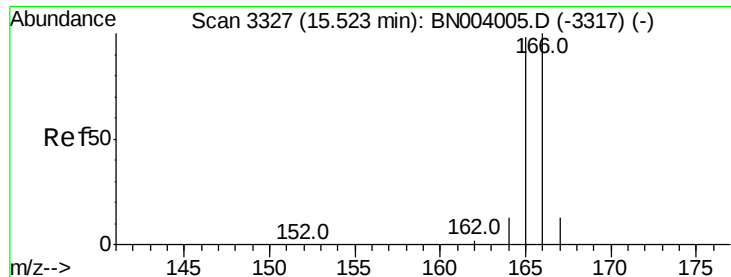
Acq: 17 Dec 2018 00:40

Tgt Ion:	142	Resp:	3713
Ion Ratio	Lower	Upper	
142	100		
141	87.9	71.5	107.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.030 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. 0.00 min

Lab File: BN004011.D

Acq: 17 Dec 2018 00:40

Instrument :

BNA_N

ClientSampleId :

F9E58

Tot Ion:166 Resp: 821

Ion Ratio Lower Upper

166 100

165 98.7 78.3 117.5

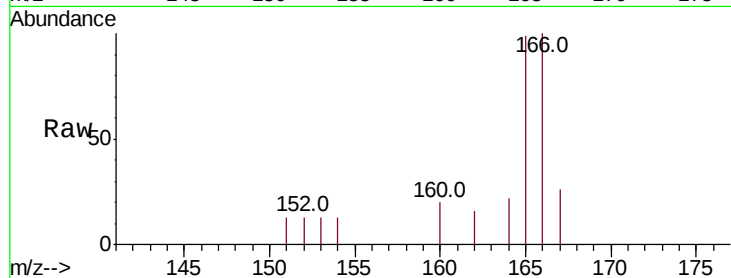
167 25.6 11.3 16.9#

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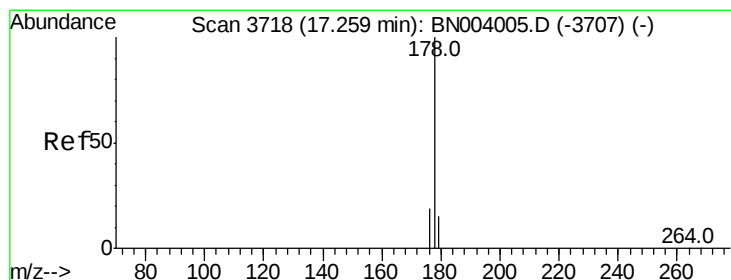
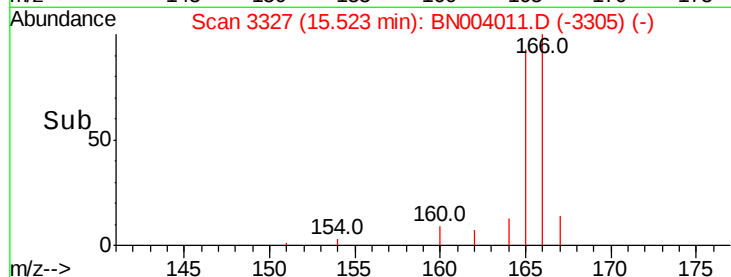
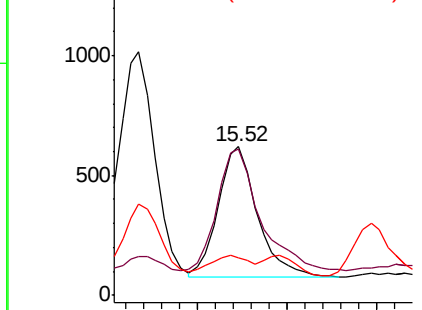
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 1.815 ng/ul m

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN004011.D

Acq: 17 Dec 2018 00:40

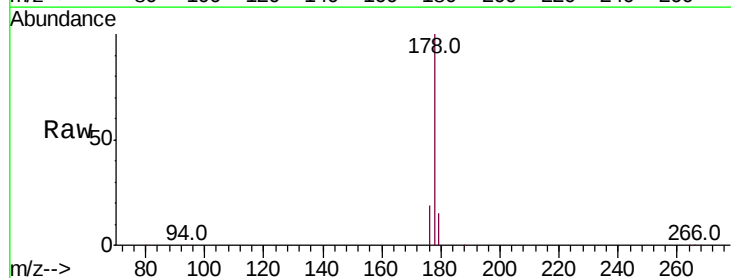
Tgt Ion:178 Resp: 87652

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

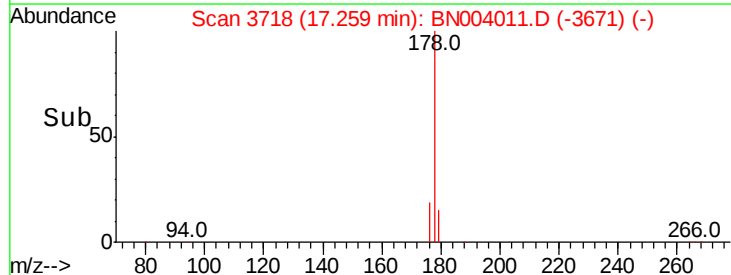
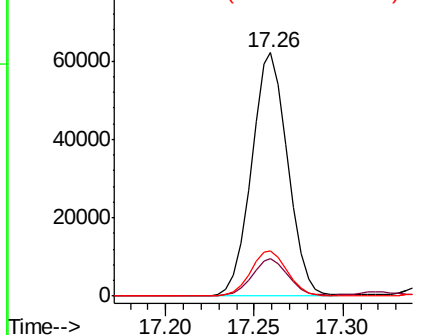
176 18.8 15.0 22.4

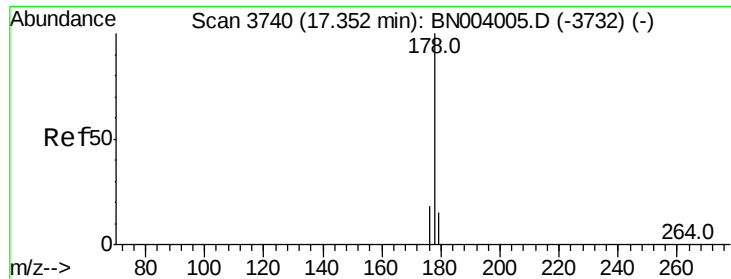


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.140 ng/ul m

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN004011.D

Acq: 17 Dec 2018 00:40

Instrument :

BNA_N

ClientSampleId :

F9E58

Tot Ion:178 Resp: 5572

Ion Ratio Lower Upper

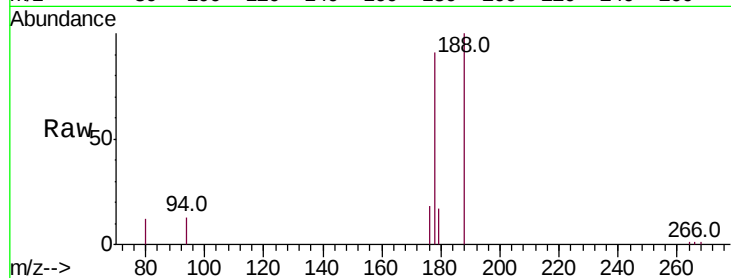
178 100

179 18.2 12.3 18.5

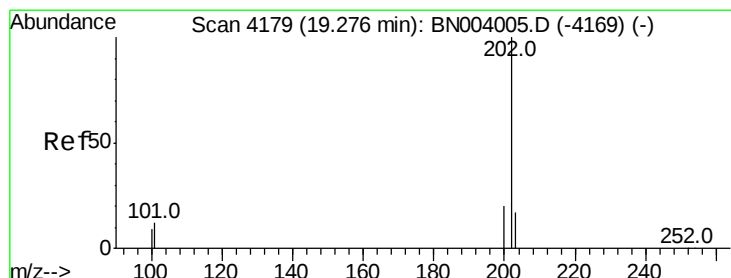
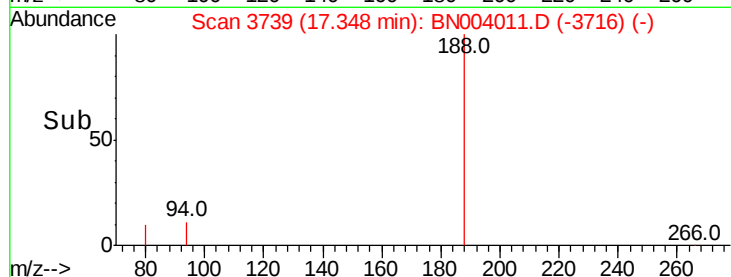
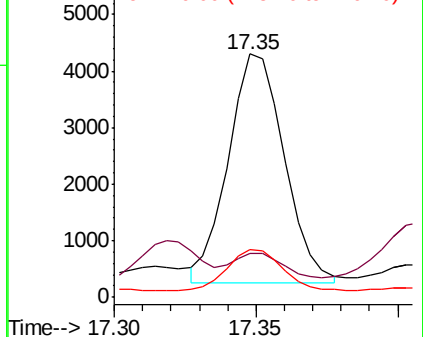
176 19.5 14.8 22.2

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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: 0.335 ng/ul m

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN004011.D

Acq: 17 Dec 2018 00:40

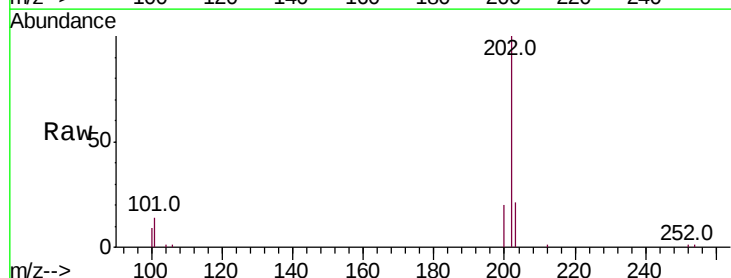
Tgt Ion:202 Resp: 19099

Ion Ratio Lower Upper

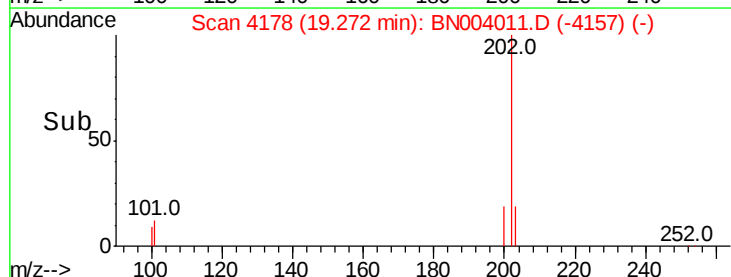
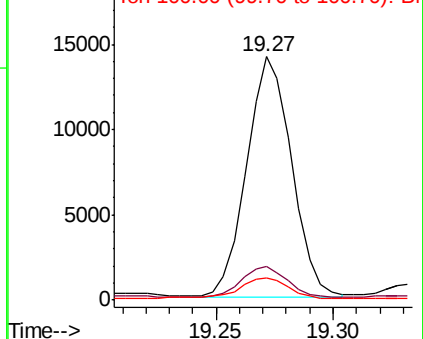
202 100

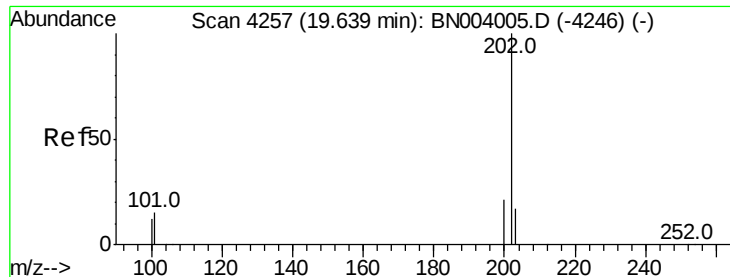
101 13.7 0.0 30.7

100 9.3 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





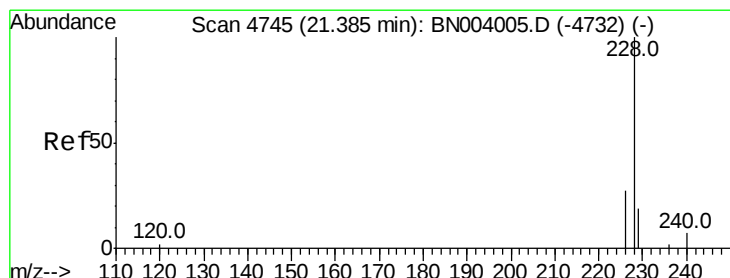
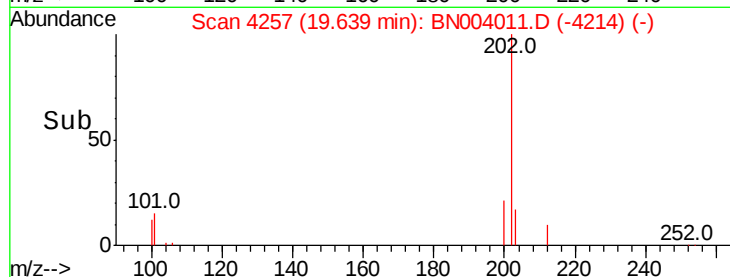
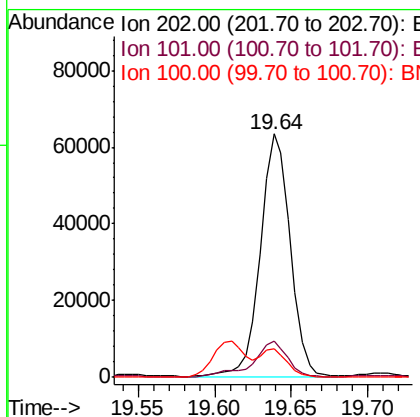
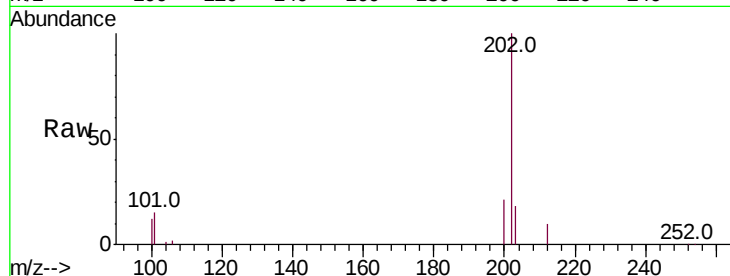
#17
Pvrene
Concen: 1.457 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004011.D
Acq: 17 Dec 2018 00:40

Instrument :
BNA_N
ClientSampleId :
F9E58

Tot Ion	Ratio	Resp	Lower	Upper
202	100	85664		
101	14.9		10.3	15.5
100	11.8		8.5	12.7

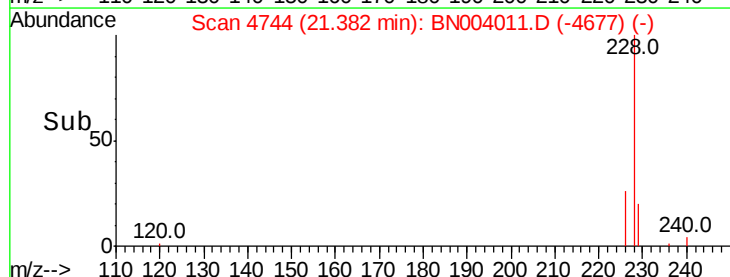
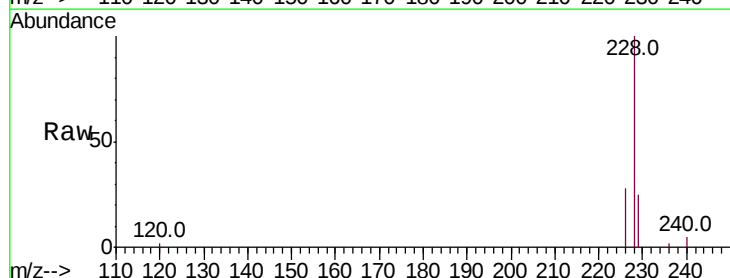
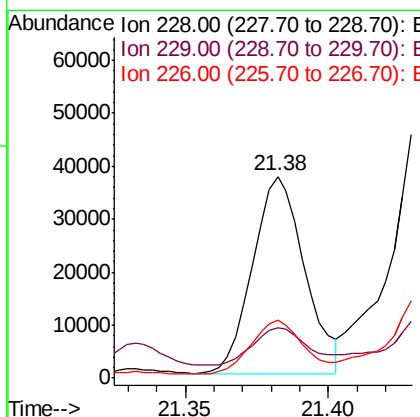
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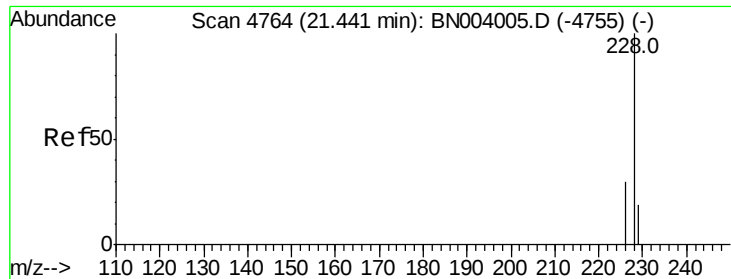
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#18
Benzo(a)anthracene
Concen: 0.909 ng/ul m
RT: 21.38 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN004011.D
Acq: 17 Dec 2018 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	47060		
229	25.0		15.6	23.4#
226	28.5		21.1	31.7





#19

Chrysene

Concen: 1.412 ng/ul m

RT: 21.43 min Scan# 4762

Delta R.T. -0.01 min

Lab File: BN004011.D

Acq: 17 Dec 2018 00:40

Instrument :

BNA_N

ClientSampled :

F9E58

Tot Ion:228 Resp: 83659

Ion Ratio Lower Upper

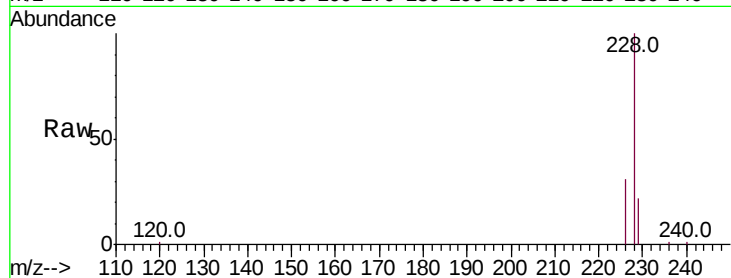
228 100

226 30.7 24.0 36.0

229 22.4 15.7 23.5

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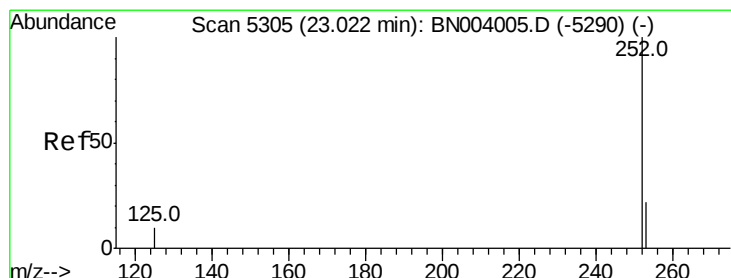
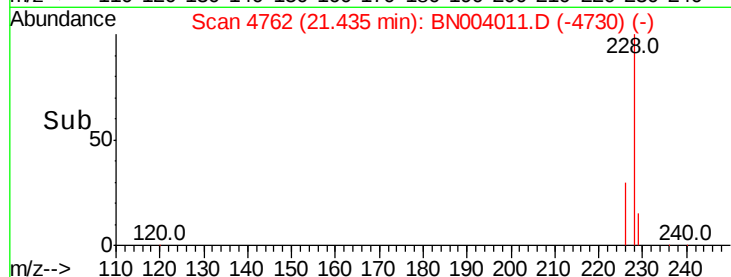
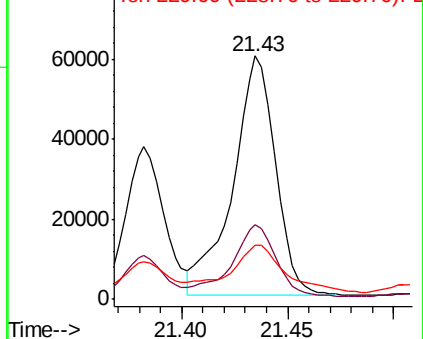


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.446 ng/ul m

RT: 23.02 min Scan# 5303

Delta R.T. -0.01 min

Lab File: BN004011.D

Acq: 17 Dec 2018 00:40

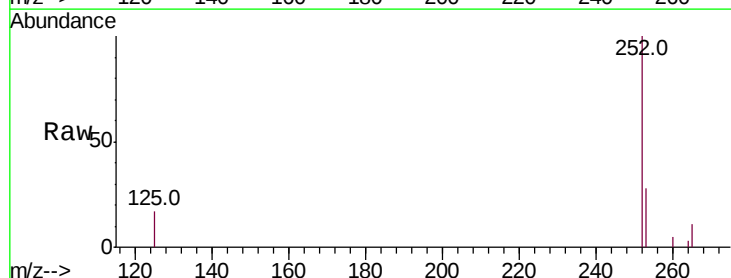
Tgt Ion:252 Resp: 25713

Ion Ratio Lower Upper

252 100

253 28.3 0.0 46.0

125 16.6 0.0 22.4

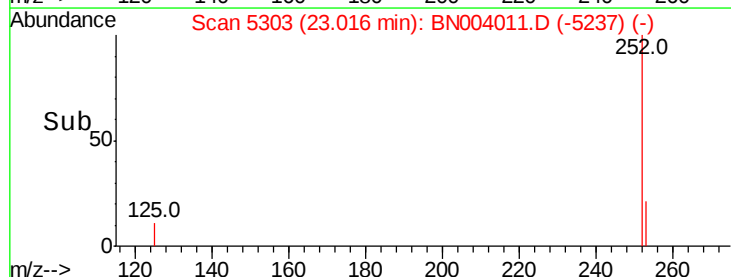
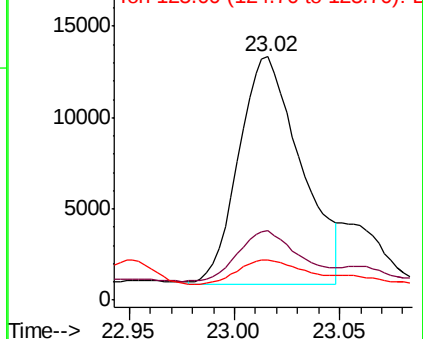


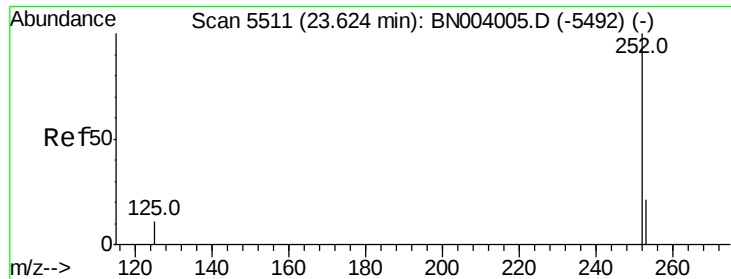
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.656 ng/ul m

RT: 23.62 min Scan# 5509

Delta R.T. -0.01 min

Lab File: BN004011.D

Acq: 17 Dec 2018 00:40

Instrument :

BNA_N

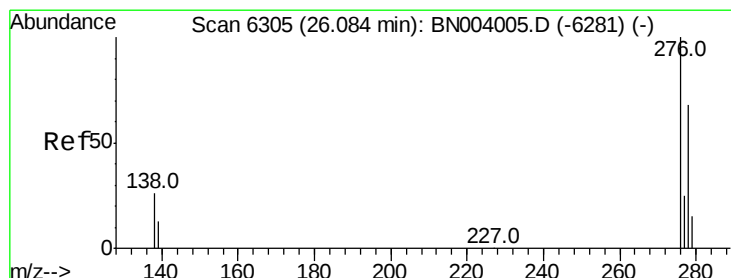
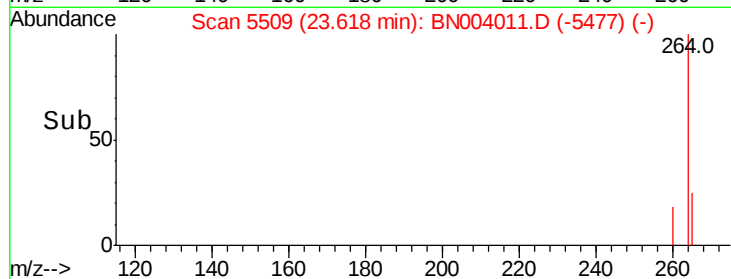
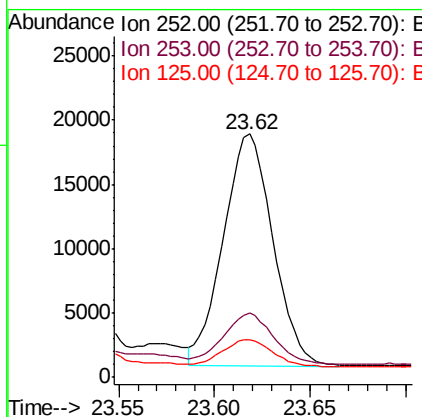
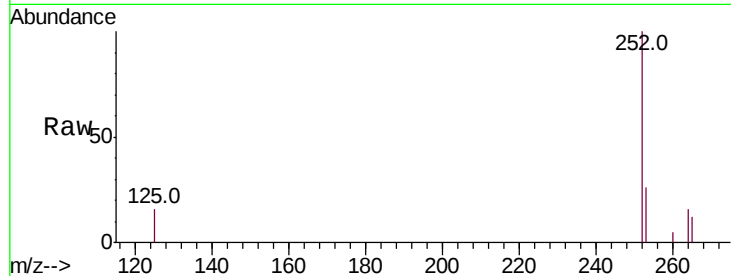
ClientSampled :

F9E58

Tot Ion:	252	Resp:	32753
Ion Ratio	Lower	Upper	
252	100		
253	26.4	19.0	28.4
125	15.7	10.2	15.4

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.317 ng/ul m

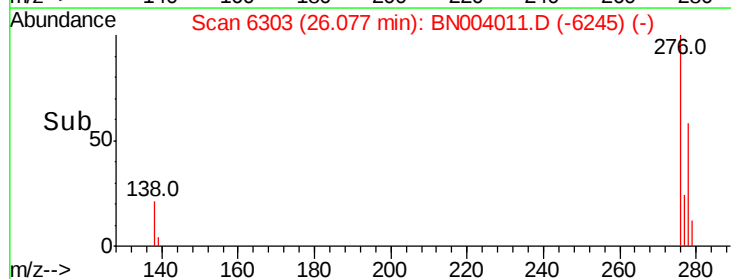
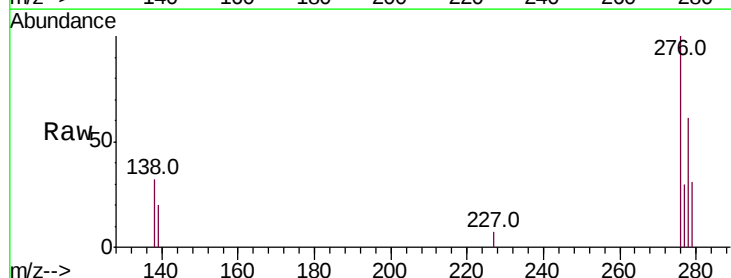
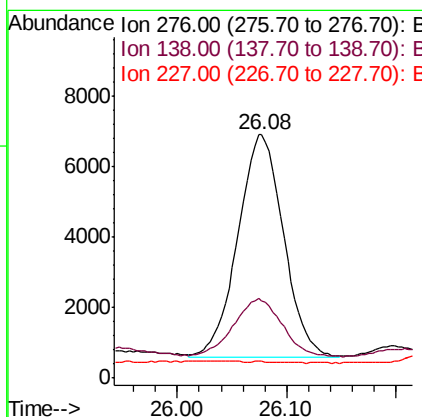
RT: 26.08 min Scan# 6303

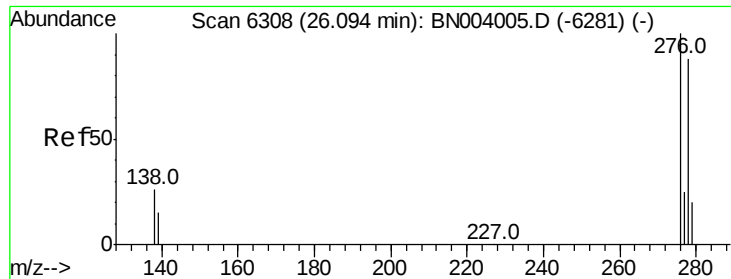
Delta R.T. -0.01 min

Lab File: BN004011.D

Acq: 17 Dec 2018 00:40

Tgt Ion:	276	Resp:	18138
Ion Ratio	Lower	Upper	
276	100		
138	0.0	20.3	30.5
227	0.0	0.2	0.2





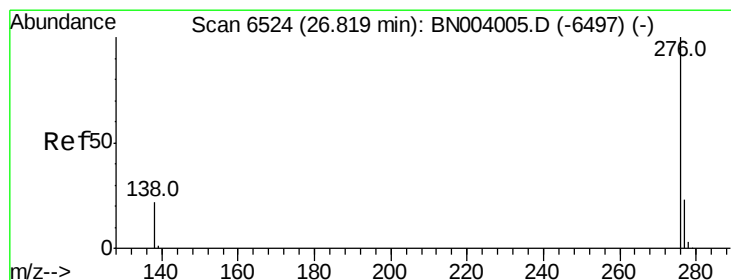
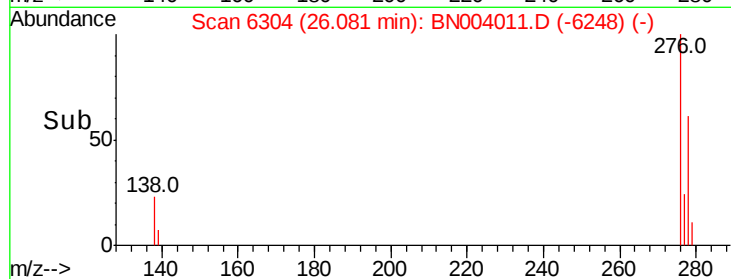
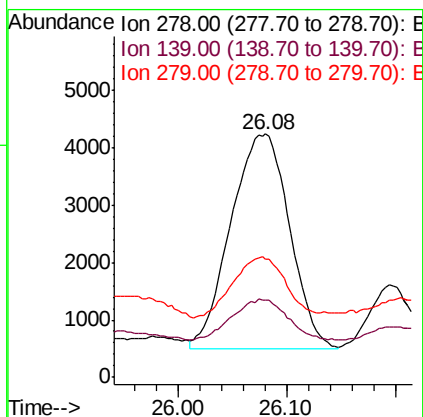
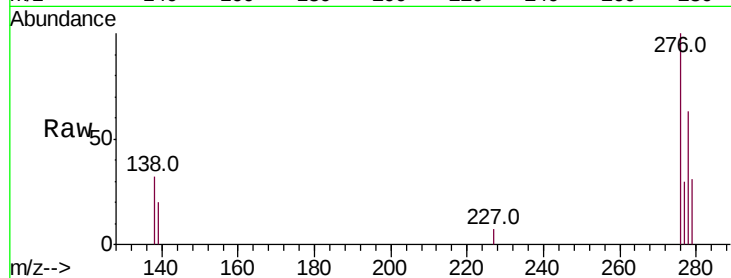
#25
Dibenzo(a,h)anthracene
Concen: 0.306 ng/ul m
RT: 26.08 min Scan# 6304
Delta R.T. -0.01 min
Lab File: BN004011.D
Acq: 17 Dec 2018 00:40

Instrument :
BNA_N
ClientSampled :
F9E58

Tot Ion	Ratio	Lower	Upper
278	100		
139	31.7	14.2	21.4#
279	48.7	19.8	29.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.758 ng/ul m
RT: 26.81 min Scan# 6521
Delta R.T. -0.01 min
Lab File: BN004011.D
Acq: 17 Dec 2018 00:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	17.7	26.5
277	26.7	19.3	28.9

