

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
 Data File : BN003985.D
 Acq On : 16 Dec 2018 07:41
 Operator : JU/SJ
 Sample : J6171-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9Y05

Manual Integrations
 APPROVED

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 12/17/2018 4:24:17 PM

Quant Time: Dec 17 00:45:49 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 00:13:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2973	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	13478	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	8039	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	19370m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19592m	0.40	ng/ul	0.01
20) Perylene-d12	23.74	264	15659m	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4253	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	11791m	0.21	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.30	142	1854	0.070	ng/ul	97
7) Acenaphthylene	14.20	152	1887	0.052	ng/ul#	72
12) Phenanthrene	17.26	178	14161m	0.223	ng/ul	
13) Anthracene	17.36	178	2624m	0.050	ng/ul	
15) Fluoranthene	19.28	202	13537m	0.180	ng/ul	
17) Pyrene	19.64	202	18875m	0.269	ng/ul	
18) Benzo(a)anthracene	21.39	228	9308m	0.150	ng/ul	
19) Chrysene	21.44	228	14446m	0.204	ng/ul	
21) Benzo(b)fluoranthene	23.03	252	25091m	0.387	ng/ul	
22) Benzo(k)fluoranthene	23.07	252	7439m	0.118	ng/ul	
23) Benzo(a)pyrene	23.64	252	10325	0.184	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.11	276	22727	0.353	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.10	278	4636	0.090	ng/ul#	1
26) Benzo(g,h,i)perylene	26.85	276	70831	1.267	ng/ul#	80

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

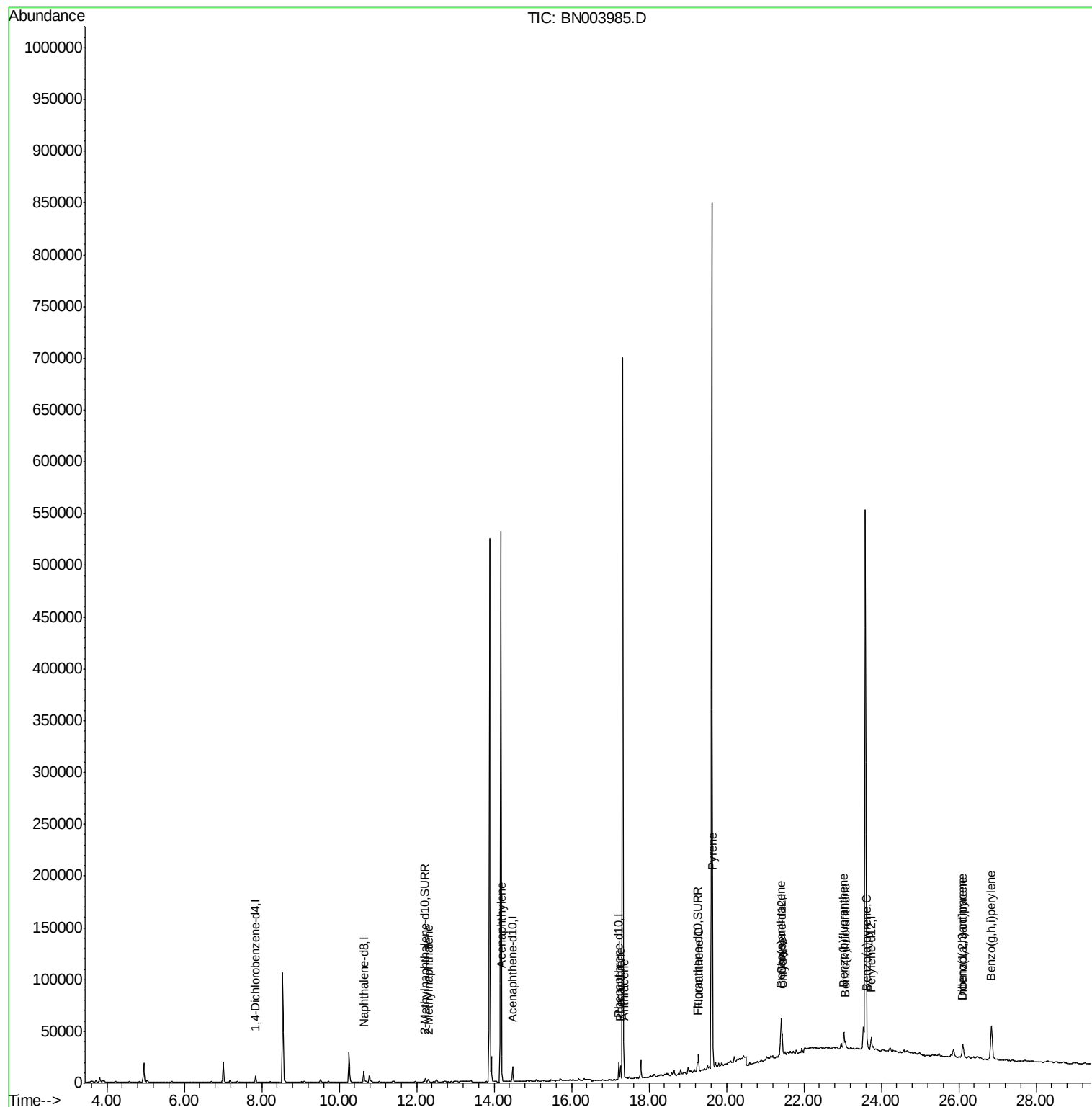
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
Data File : BN003985.D
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Operator : JU/SJ
Sample : J6171-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

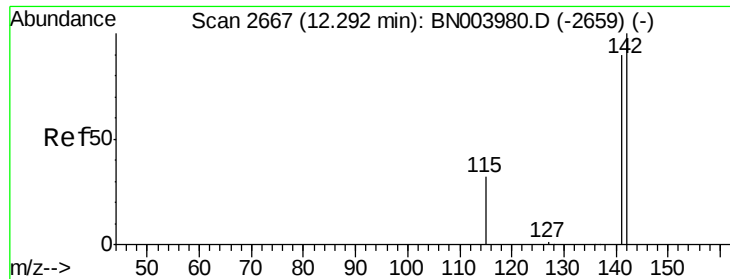
Instrument :
BNA_N
ClientSampleId :
F9Y05

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12/17/2018 4:24:17 PM

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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 00:13:33 2018
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#5

2-Methylnaphthalene

Concen: 0.070 ng/ul

RT: 12.30 min Scan# 2668

Delta R.T. 0.01 min

Lab File: BN003985.D

Acq: 16 Dec 2018 07:41

Instrument :

BNA_N

ClientSampleId :

F9Y05

Tot Ion:142 Resp: 1854

Ion Ratio Lower Upper

142 100

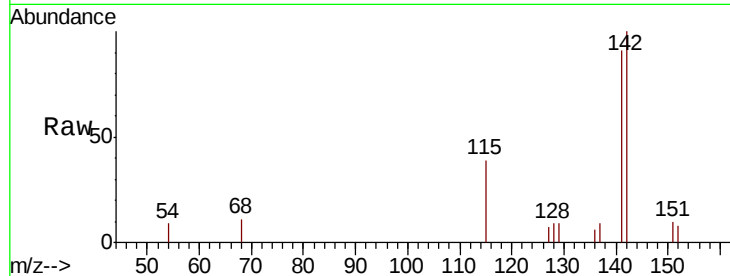
141 92.6 71.5 107.3

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

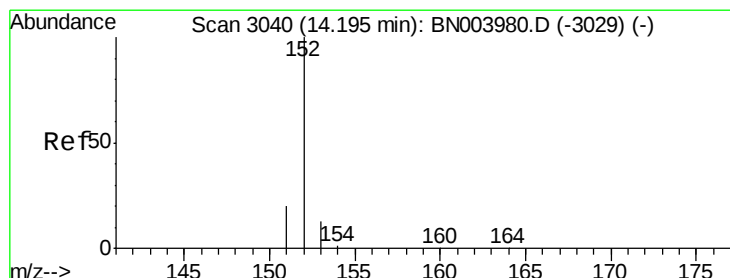
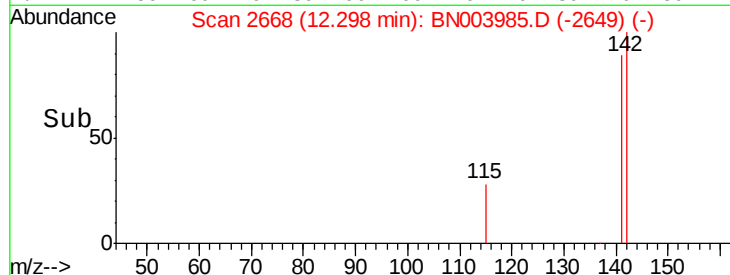
12.30

1000

500

0

Time-->



#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 14.20 min Scan# 3041

Delta R.T. 0.00 min

Lab File: BN003985.D

Acq: 16 Dec 2018 07:41

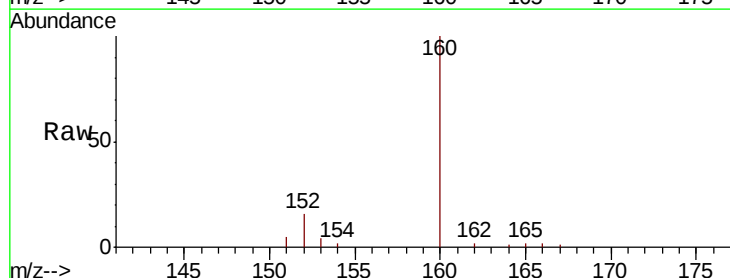
Tgt Ion:152 Resp: 1887

Ion Ratio Lower Upper

152 100

151 31.4 15.9 23.9#

153 26.0 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.20

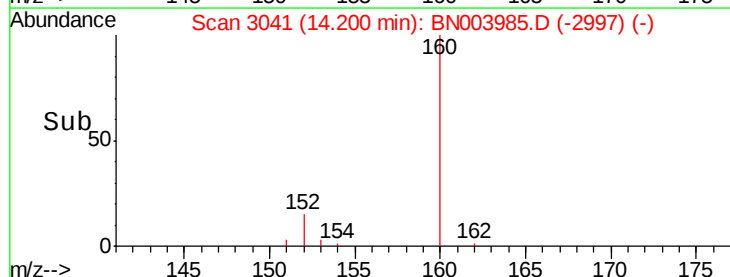
1500

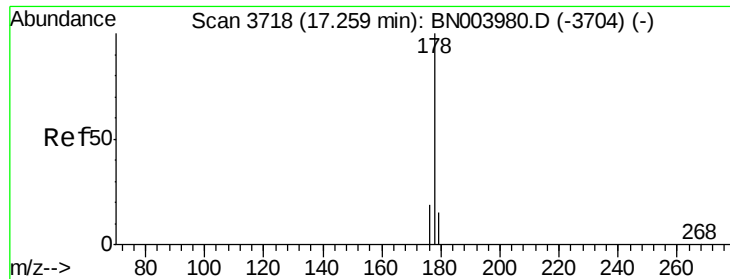
1000

500

0

Time-->





#12

Phenanthrene

Concen: 0.223 ng/ul m

RT: 17.26 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BN003985.D

Acq: 16 Dec 2018 07:41

Instrument :

BNA_N

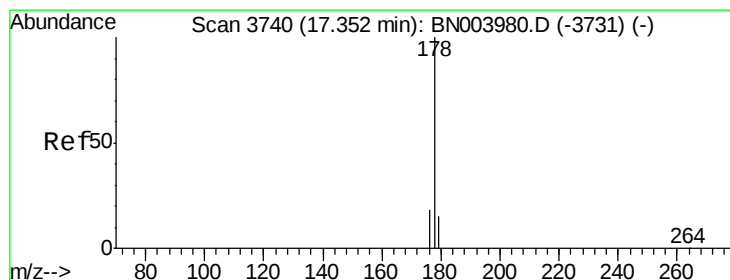
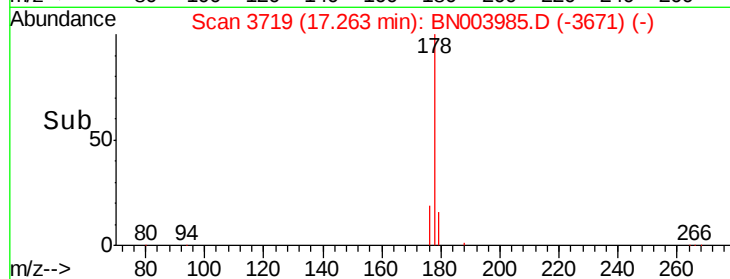
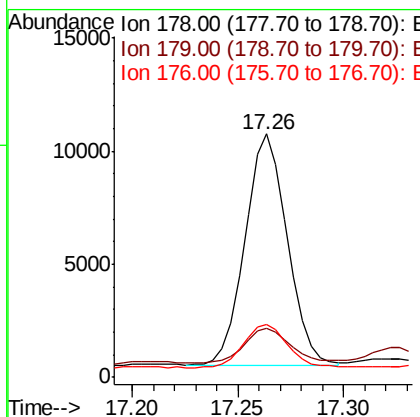
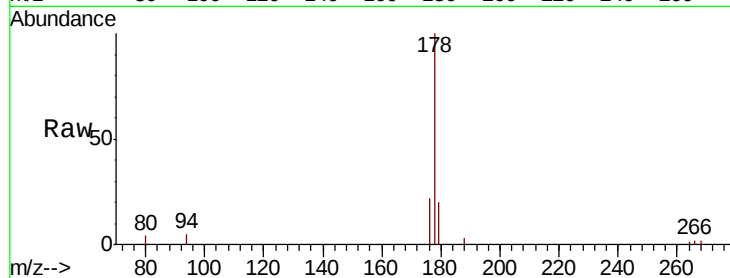
ClientSampleId :

F9Y05

Tot Ion:	178	Resp:	14161
Ion Ratio	Lower	Upper	
178	100		
179	20.2	12.5	18.7#
176	21.9	15.0	22.4

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#13

Anthracene

Concen: 0.050 ng/ul m

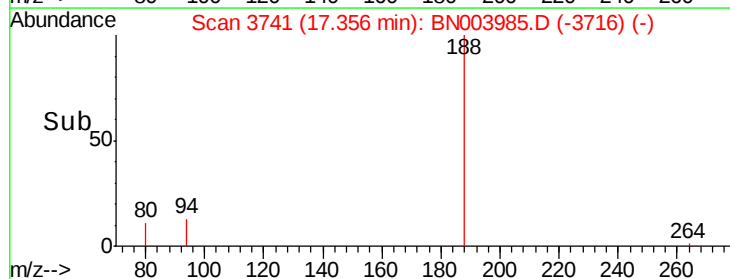
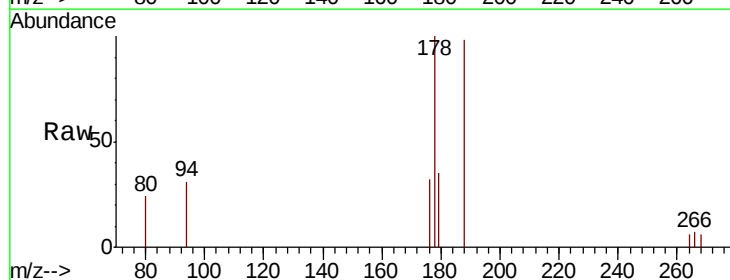
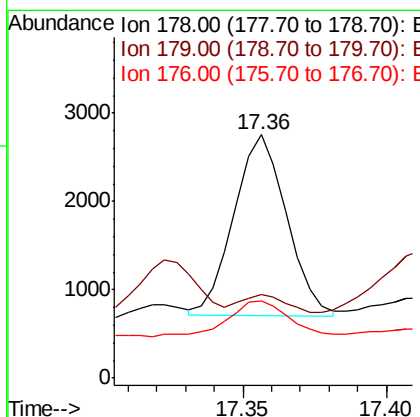
RT: 17.36 min Scan# 3741

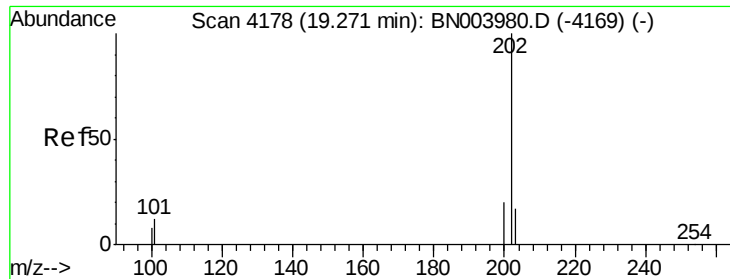
Delta R.T. 0.00 min

Lab File: BN003985.D

Acq: 16 Dec 2018 07:41

Tgt Ion:	178	Resp:	2624
Ion Ratio	Lower	Upper	
178	100		
179	34.6	12.3	18.5#
176	31.8	14.8	22.2#





#15

Fluoranthene

Concen: 0.180 ng/ul m

RT: 19.28 min Scan# 4180

Delta R.T. 0.01 min

Lab File: BN003985.D

Acq: 16 Dec 2018 07:41

Instrument :

BNA_N

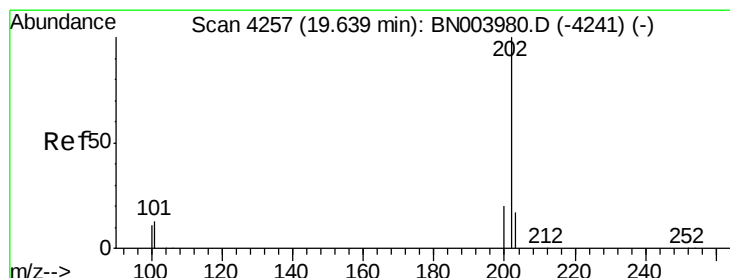
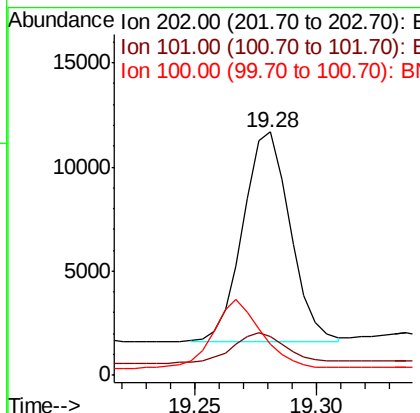
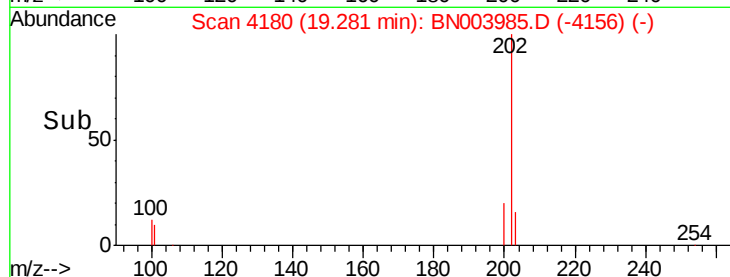
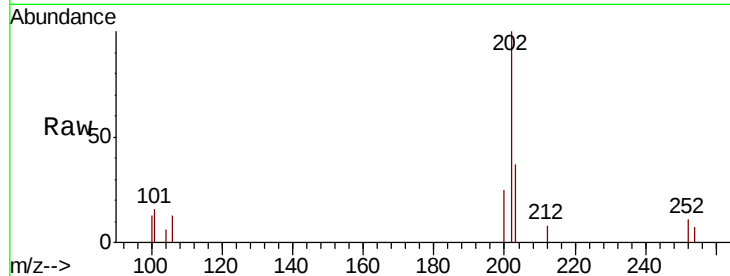
ClientSampleId :

F9Y05

Tot Ion:	202	Resp:	13537
Ion Ratio	Lower	Upper	
202	100		
101	16.2	0.0	30.7
100	13.0	0.0	28.1

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#17

Pyrene

Concen: 0.269 ng/ul m

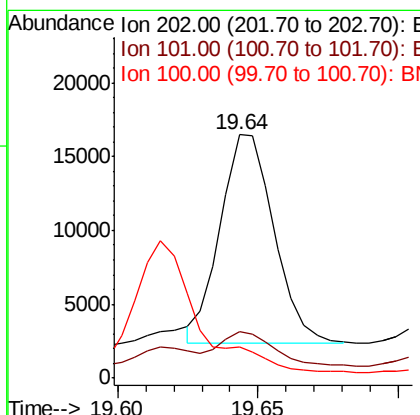
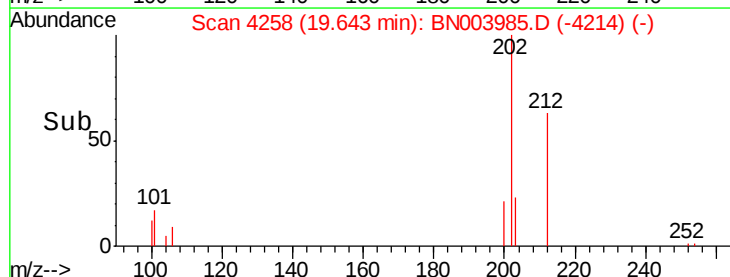
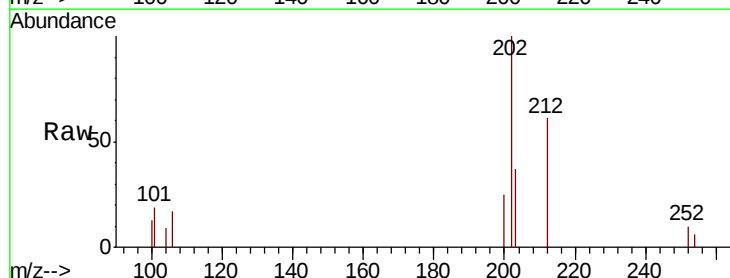
RT: 19.64 min Scan# 4258

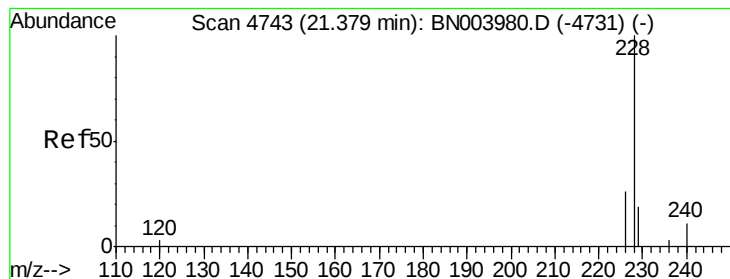
Delta R.T. 0.00 min

Lab File: BN003985.D

Acq: 16 Dec 2018 07:41

Tgt Ion:	202	Resp:	18875
Ion Ratio	Lower	Upper	
202	100		
101	19.0	10.3	15.5#
100	12.8	8.5	12.7#





#18

Benzo(a)anthracene

Concen: 0.150 ng/ul m

RT: 21.39 min Scan# 4747

Delta R.T. 0.01 min

Lab File: BN003985.D

Acq: 16 Dec 2018 07:41

Instrument :

BNA_N

ClientSampled :

F9Y05

Tot Ion:228 Resp: 9308

Ion Ratio Lower Upper

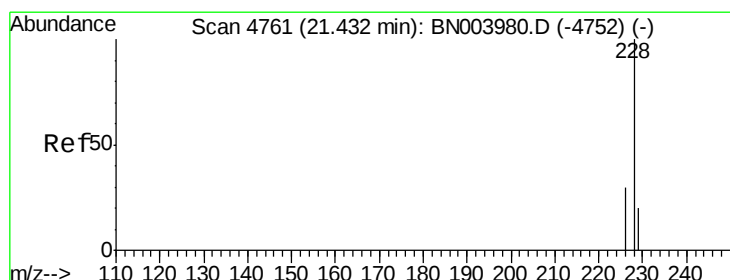
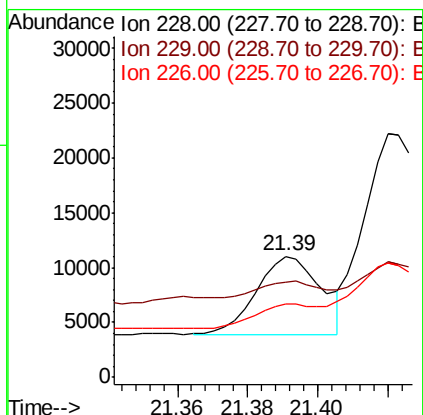
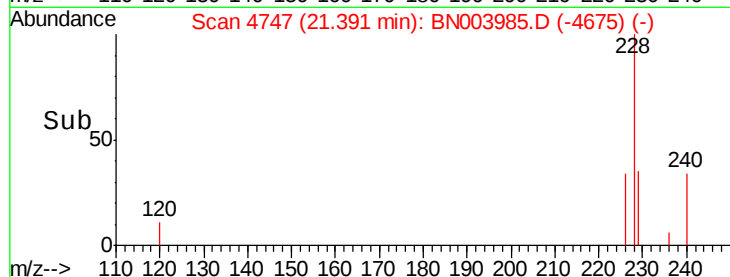
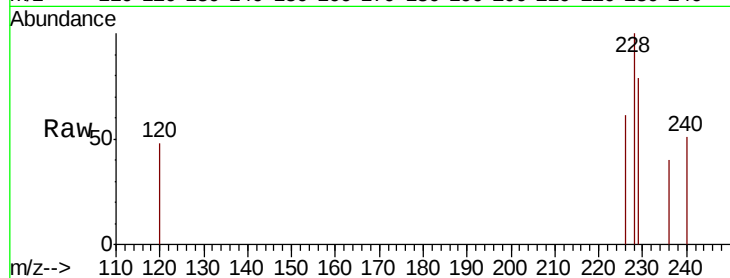
228 100

229 78.9 15.6 23.4#

226 60.5 21.1 31.7#

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#19

Chrysene

Concen: 0.204 ng/ul m

RT: 21.44 min Scan# 4765

Delta R.T. 0.01 min

Lab File: BN003985.D

Acq: 16 Dec 2018 07:41

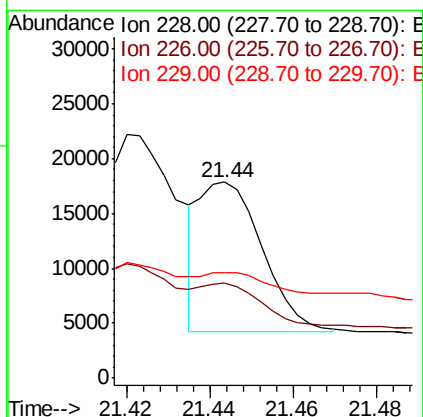
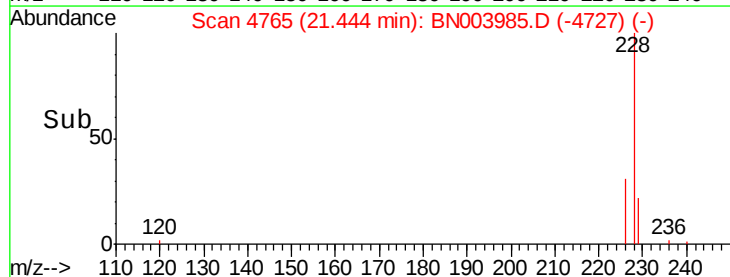
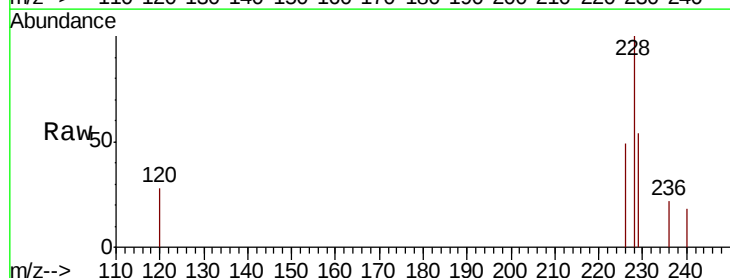
Tgt Ion:228 Resp: 14446

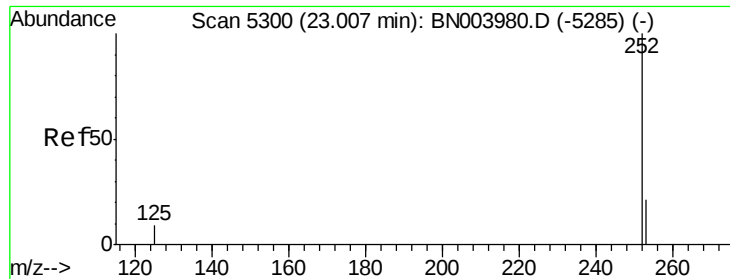
Ion Ratio Lower Upper

228 100

226 48.8 24.0 36.0#

229 53.6 15.7 23.5#





#21

Benzo(b)fluoranthene

Concen: 0.387 ng/ul m

RT: 23.03 min Scan# 5308

Delta R.T. 0.02 min

Lab File: BN003985.D

Acq: 16 Dec 2018 07:41

Instrument :

BNA_N

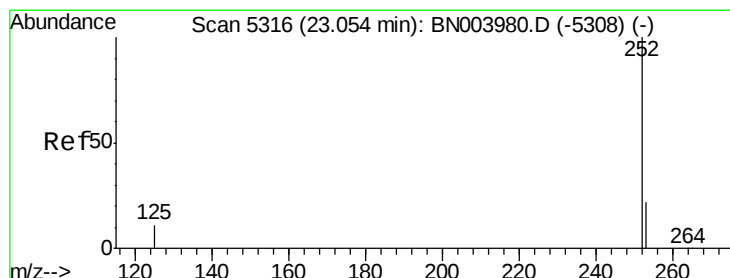
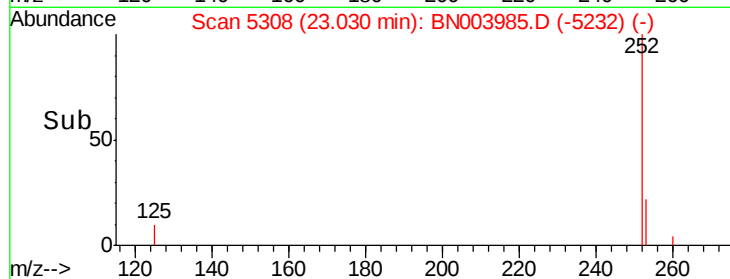
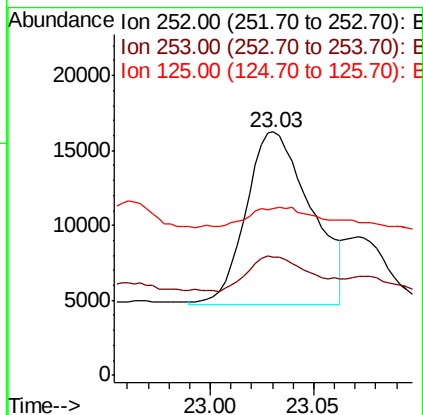
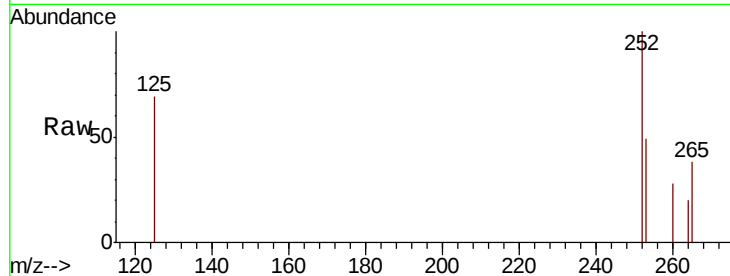
ClientSampleId :

F9Y05

Tot Ion	Ratio	Lower	Upper
252	100		
253	48.8	0.0	46.0#
125	68.5	0.0	22.4#

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#22

Benzo(k)fluoranthene

Concen: 0.118 ng/ul m

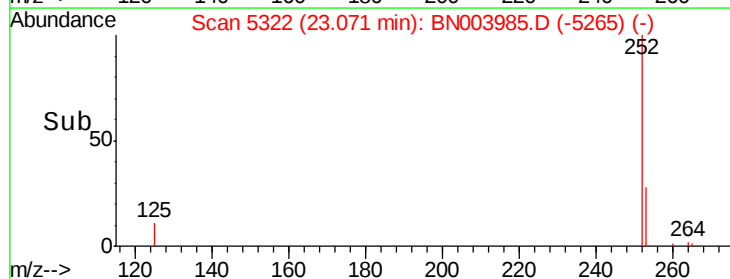
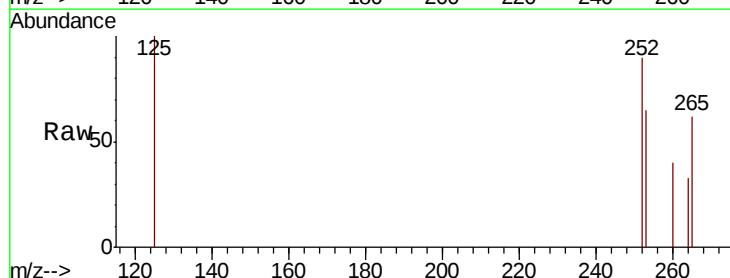
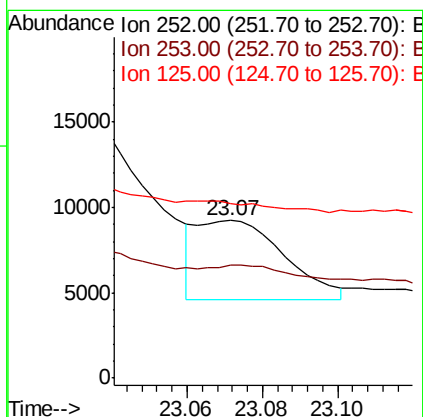
RT: 23.07 min Scan# 5322

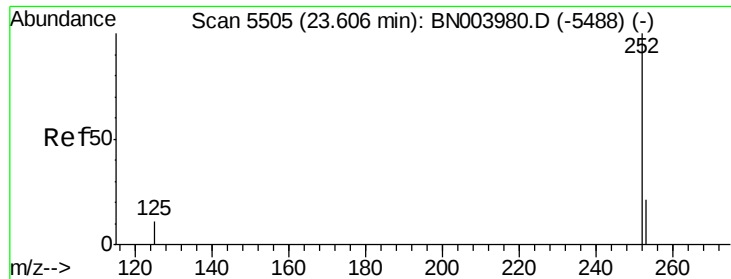
Delta R.T. 0.02 min

Lab File: BN003985.D

Acq: 16 Dec 2018 07:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	71.6	18.5	27.7#
125	110.6	9.0	13.6#





#23

Benzo(a)pyrene

Concen: 0.184 ng/ul

RT: 23.64 min Scan# 5515

Delta R.T. 0.03 min

Lab File: BN003985.D

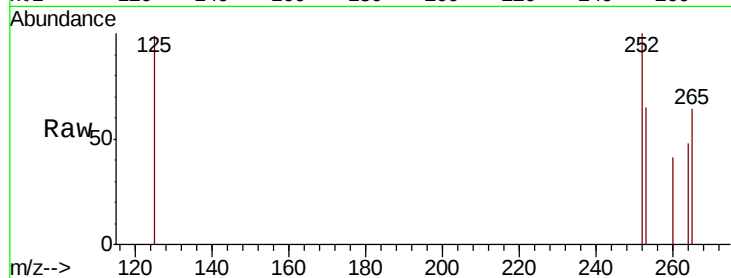
Acq: 16 Dec 2018 07:41

Instrument :

BNA_N

ClientSampleId :

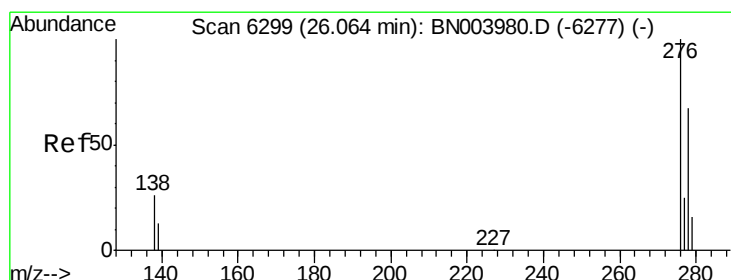
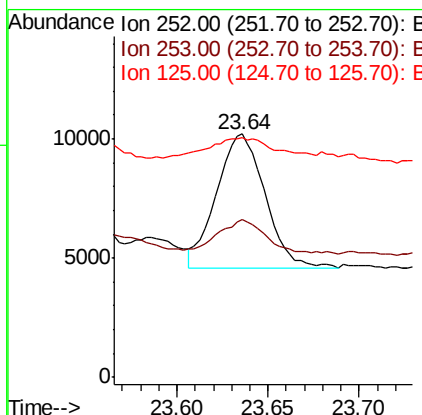
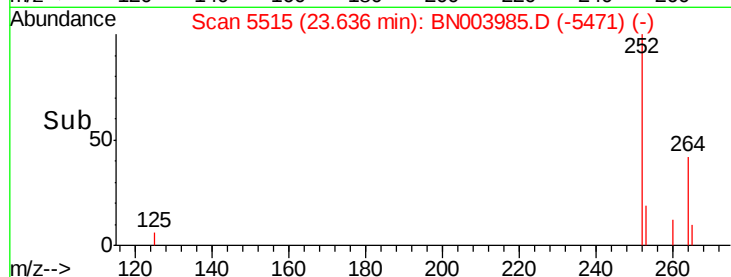
F9Y05



Tot Ion:	252	Resp:	10325
Ion Ratio	Lower	Upper	
252	100		
253	64.7	19.0	28.4#
125	98.6	10.2	15.4#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.353 ng/ul

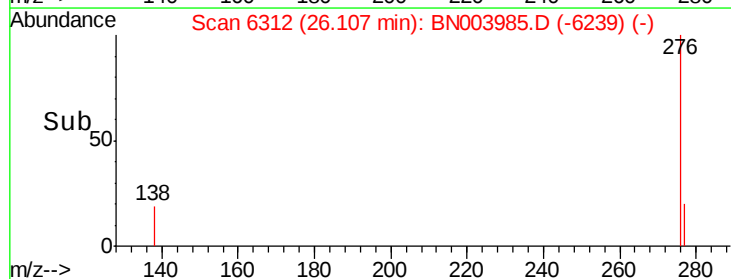
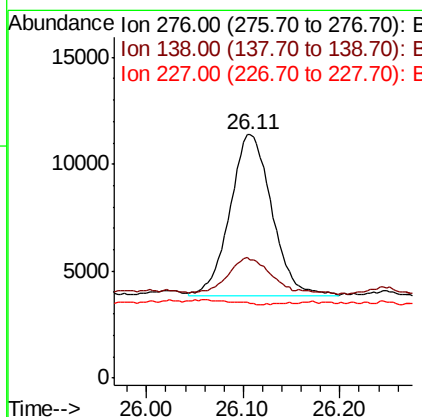
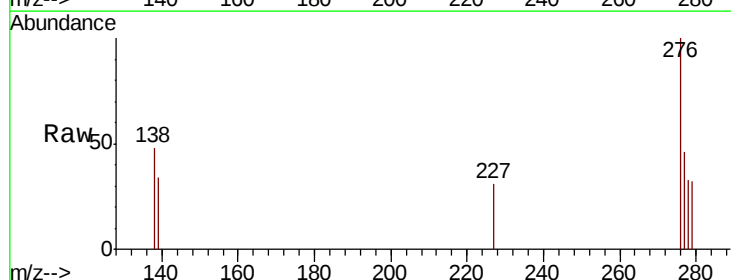
RT: 26.11 min Scan# 6312

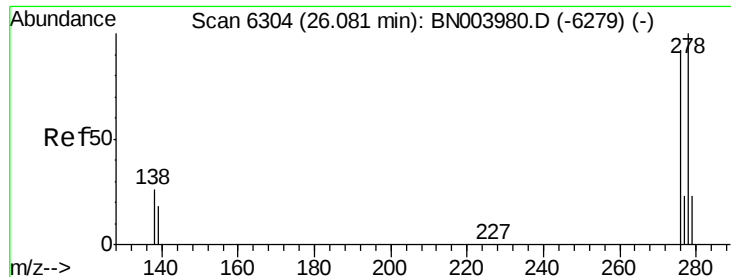
Delta R.T. 0.04 min

Lab File: BN003985.D

Acq: 16 Dec 2018 07:41

Tgt Ion:	276	Resp:	22727
Ion Ratio	Lower	Upper	
276	100		
138	24.6	20.3	30.5
227	0.0	0.2	0.2#





#25

Dibenzo(a,h)anthracene

Concen: 0.090 ng/u1

RT: 26.10 min Scan# 6311

Delta R.T. 0.02 min

Lab File: BN003985.D

Acq: 16 Dec 2018 07:41

Instrument :

BNA_N

ClientSampleId :

F9Y05

Tot Ion:278 Resp: 4636

Ion Ratio Lower Upper

278 100

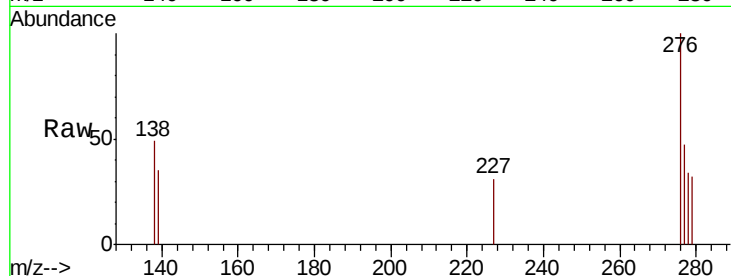
139 103.7 14.2 21.4#

279 96.3 19.8 29.6#

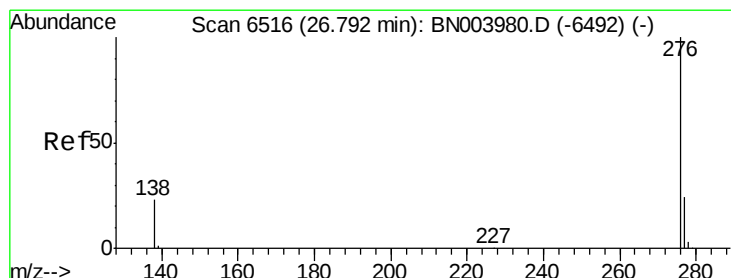
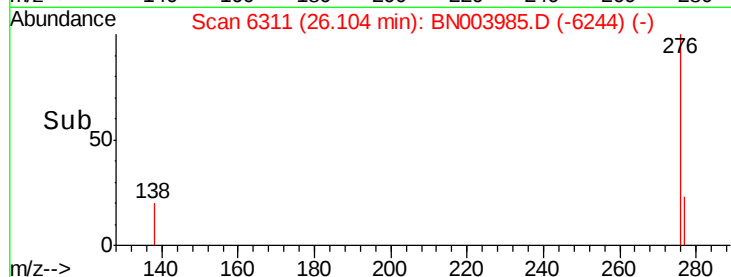
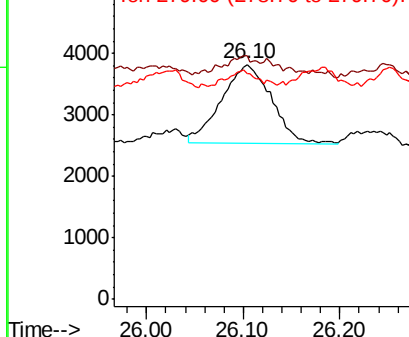
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 1.267 ng/u1

RT: 26.85 min Scan# 6532

Delta R.T. 0.05 min

Lab File: BN003985.D

Acq: 16 Dec 2018 07:41

Tgt Ion:276 Resp: 70831

Ion Ratio Lower Upper

276 100

138 32.7 17.7 26.5#

277 32.8 19.3 28.9#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

