

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
 Data File : BN004053.D
 Acq On : 18 Dec 2018 01:28
 Operator : JU/SJ
 Sample : J6270-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E00

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Quant Time: Dec 18 06:56:28 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 : Tue Dec 18 06:35:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1581	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7683	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4675	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	12231m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14543m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13159m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3344	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	11656m	0.33	ng/ul	0.00
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.29	142	327	0.022	ng/ul	98
7) Acenaphthylene	14.19	152	17192	0.817	ng/ul	99
9) Fluorene	15.52	166	900	0.042	ng/ul#	95
12) Phenanthrene	17.25	178	6575m	0.164	ng/ul	
13) Anthracene	17.35	178	16271m	0.493	ng/ul	
15) Fluoranthene	19.27	202	64557m	1.362	ng/ul	
17) Pyrene	19.64	202	72931	1.398	ng/ul	98
18) Benzo(a)anthracene	21.38	228	50172m	1.092	ng/ul	
19) Chrysene	21.43	228	60228m	1.146	ng/ul	
21) Benzo(b)fluoranthene	23.01	252	118003m	2.168	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	38574m	0.727	ng/ul	
23) Benzo(a)pyrene	23.62	252	51182m	1.086	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	55402m	1.025	ng/ul	
25) Dibenzo(a,h)anthracene	26.08	278	14242m	0.327	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	64004m	1.362	ng/ul	

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

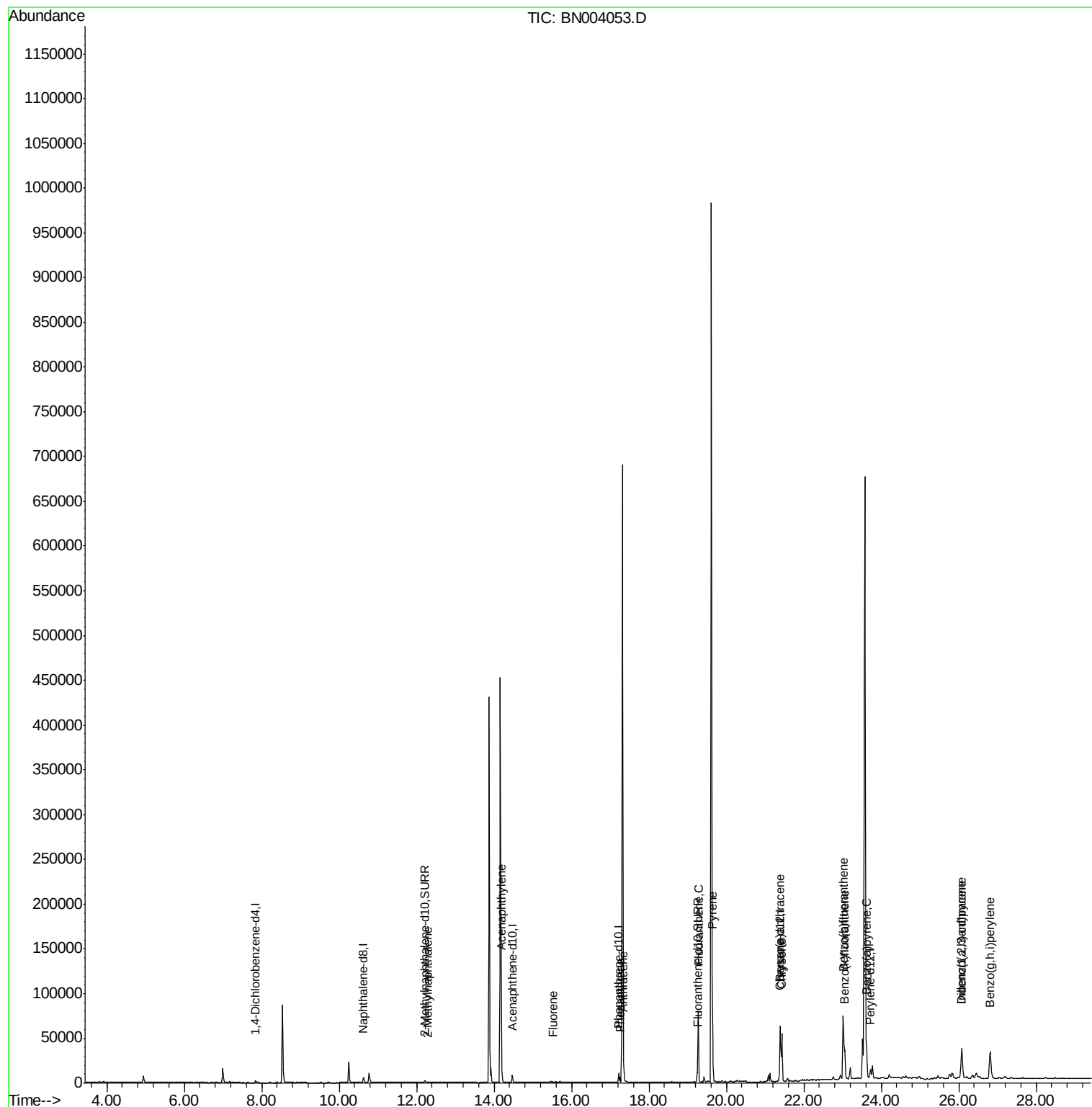
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004053.D
Acq On : 18 Dec 2018 01:28
Operator : JU/SJ
Sample : J6270-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

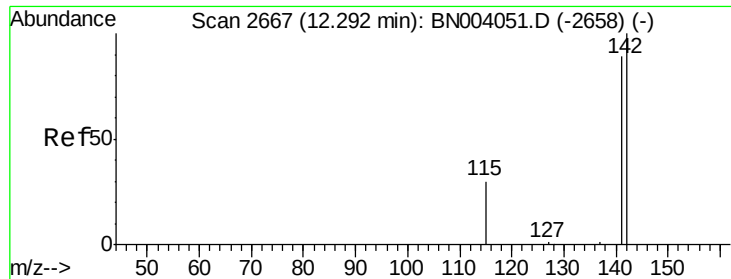
Instrument :
BNA_N
ClientSampleId :
F9E00

Quant Time: Dec 18 06:56:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration

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#5

2-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

Instrument :

BNA_N

ClientSampleId :

F9E00

Tgt Ion:142 Resp: 327

Ion Ratio Lower Upper

142 100

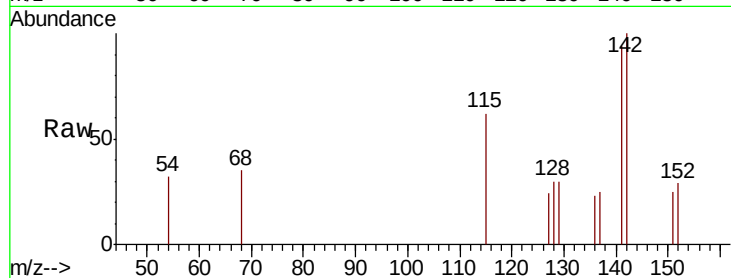
141 91.4 71.5 107.3

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.29

250

200

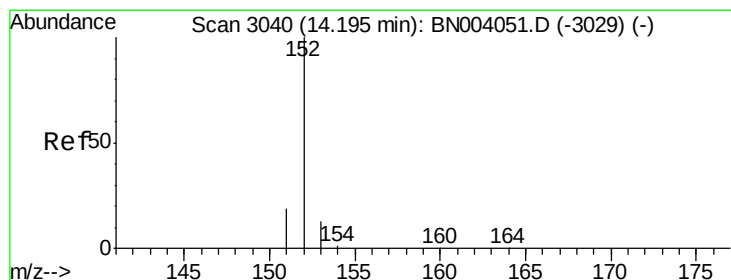
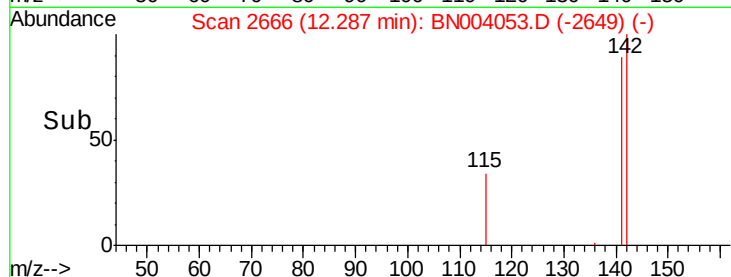
150

100

50

0

Time--> 12.20 12.30



#7

Acenaphthylene

Concen: 0.817 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

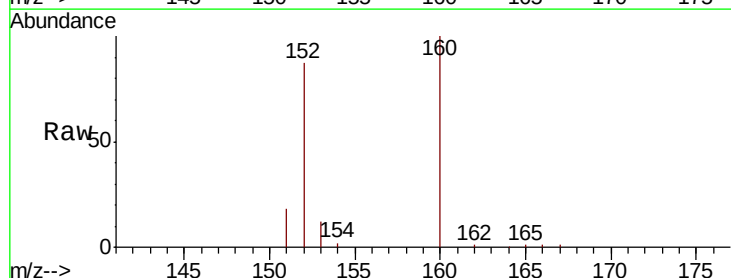
Tgt Ion:152 Resp: 17192

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.7 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

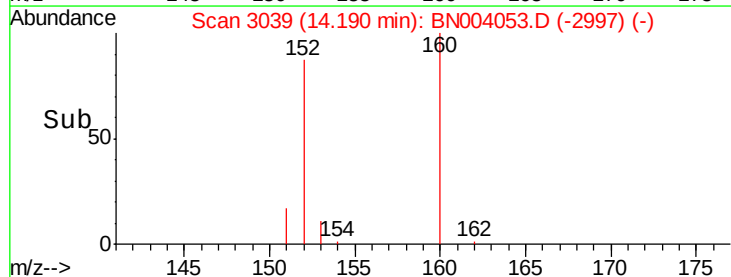
14.19

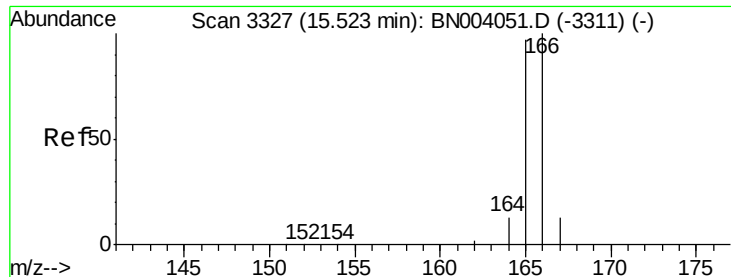
10000

5000

0

Time--> 14.20 14.40





#9

Fluorene

Concen: 0.042 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

Instrument :

BNA_N

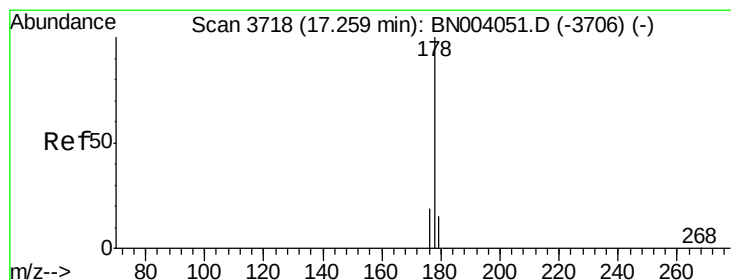
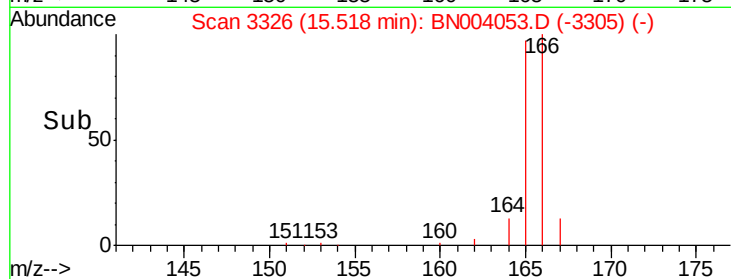
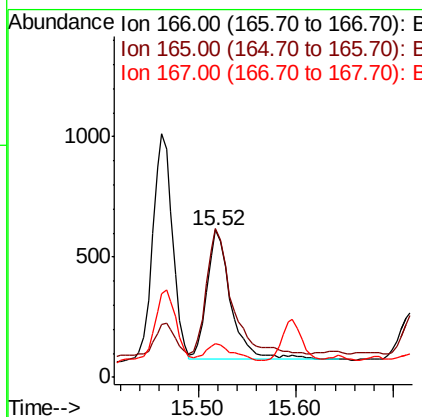
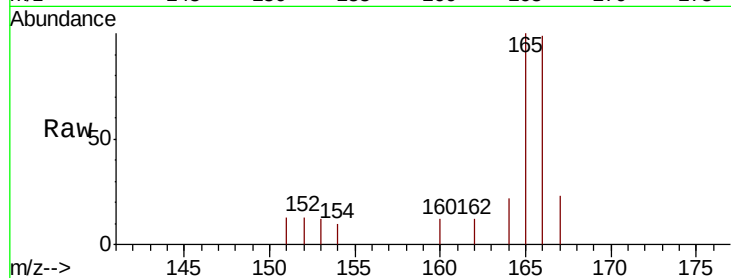
ClientSampled :

F9E00

Tgt Ion:	166	Resp:	900
Ion Ratio	Lower	Upper	
166	100		
165	100.8	78.3	117.5
167	23.0	11.3	16.9#

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#12

Phenanthrene

Concen: 0.164 ng/ul m

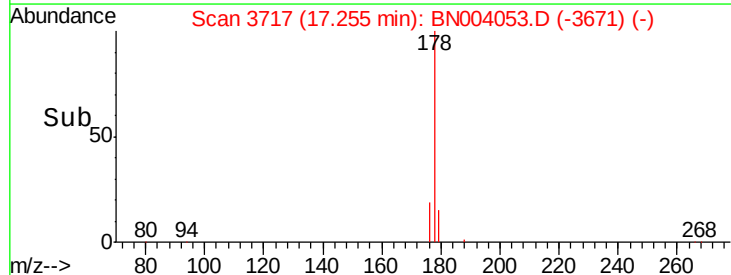
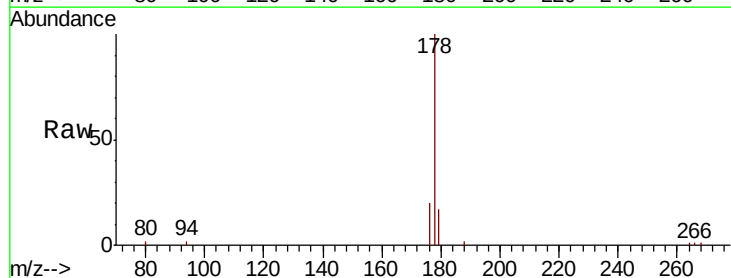
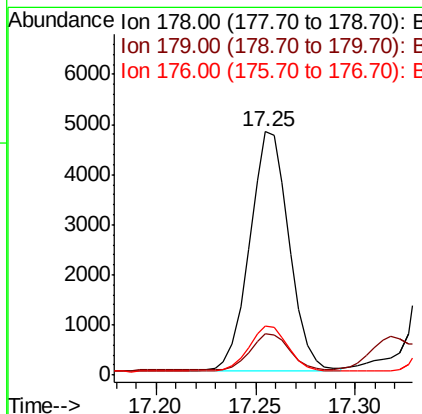
RT: 17.25 min Scan# 3717

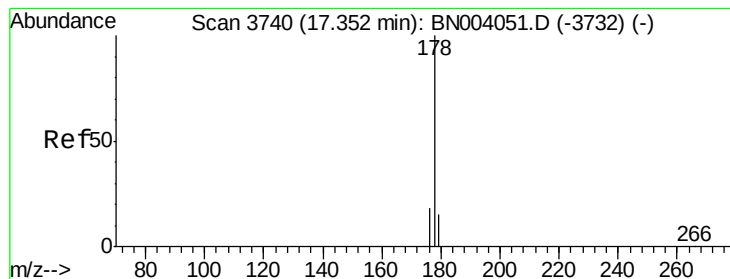
Delta R.T. -0.00 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

Tgt Ion:	178	Resp:	6575
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.5	18.7
176	20.3	15.0	22.4





#13

Anthracene

Concen: 0.493 ng/ul m

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

Instrument :

BNA_N

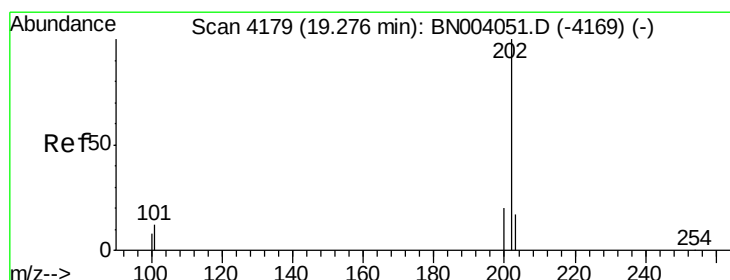
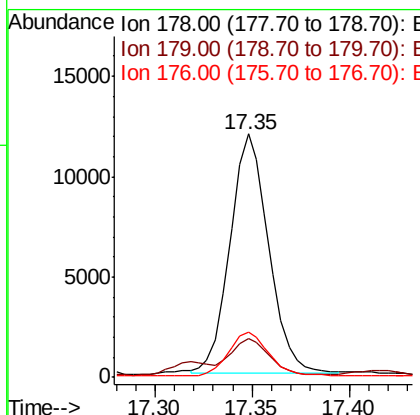
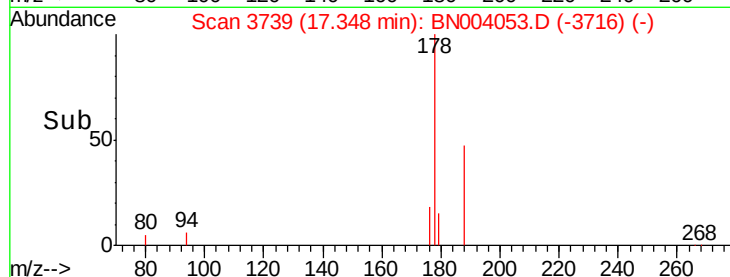
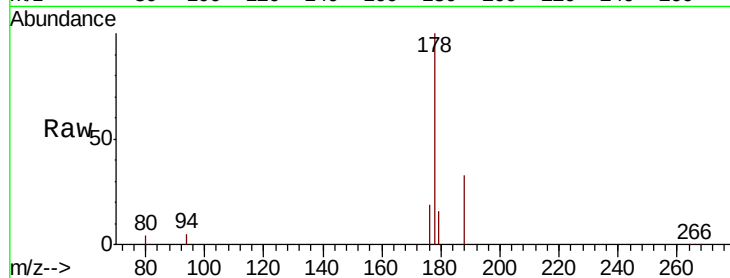
ClientSampleId :

F9E00

Tgt Ion:	178	Resp:	16271
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	18.7	14.8	22.2

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#15

Fluoranthene

Concen: 1.362 ng/ul m

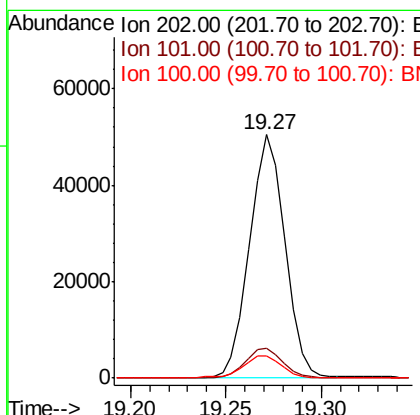
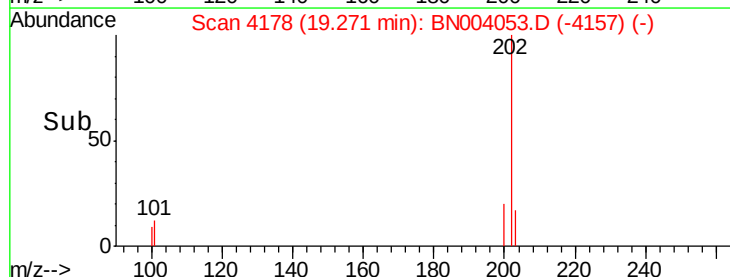
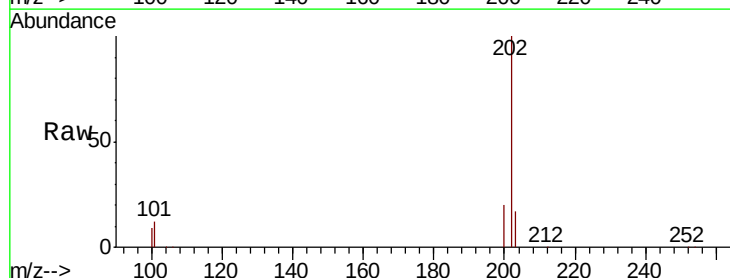
RT: 19.27 min Scan# 4178

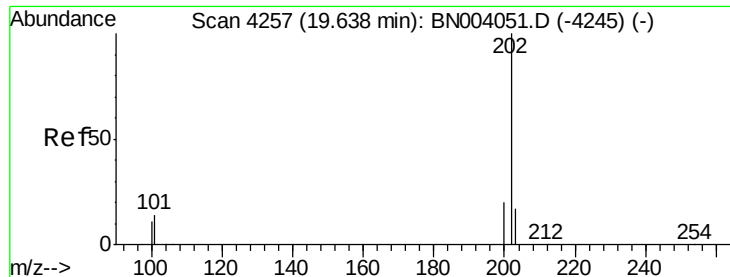
Delta R.T. -0.00 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

Tgt Ion:	202	Resp:	64557
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	30.7
100	9.1	0.0	28.1





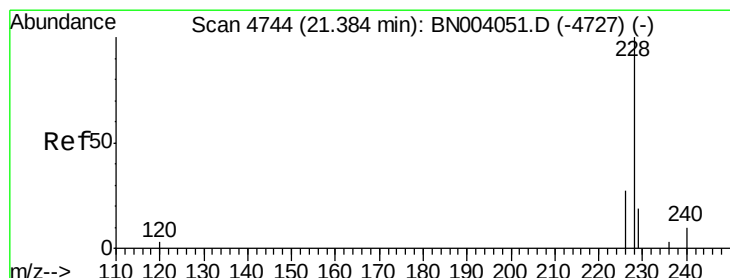
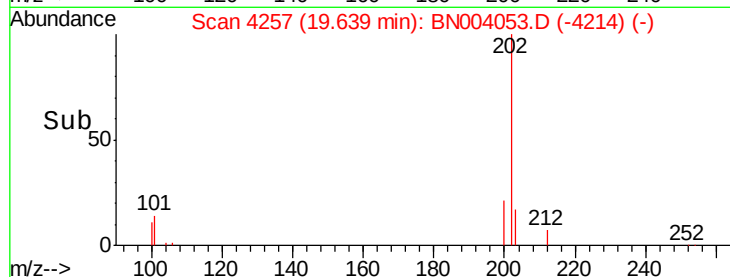
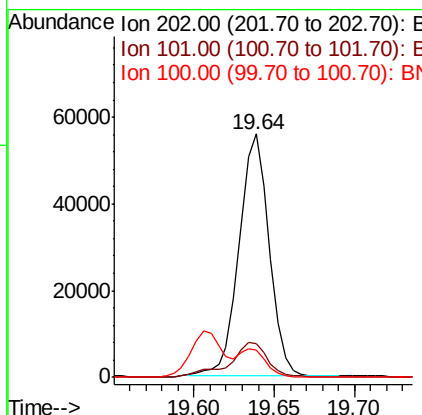
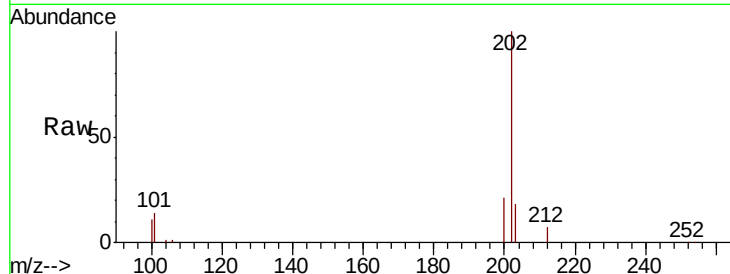
#17
 Pyrene
 Concen: 1.398 ng/ul
 RT: 19.64 min Scan# 4257
 Delta R.T. 0.00 min
 Lab File: BN004053.D
 Acq: 18 Dec 2018 01:28

Instrument :
 BNA_N
 ClientSampleId :
 F9E00

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.0	10.3	15.5
100	11.0	8.5	12.7

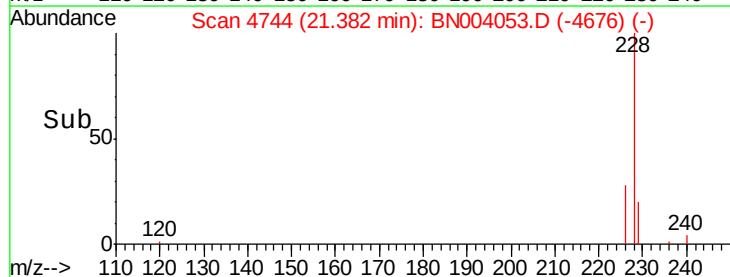
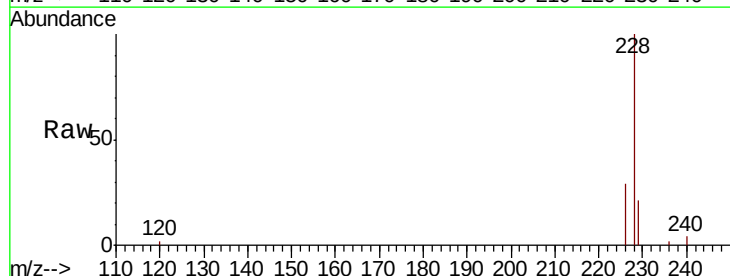
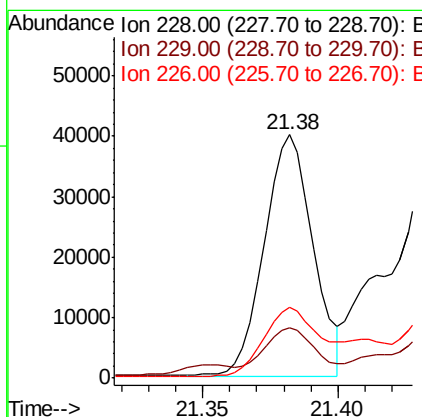
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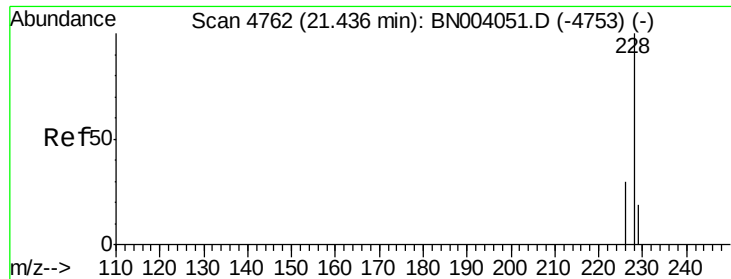
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#18
 Benzo(a)anthracene
 Concen: 1.092 ng/ul m
 RT: 21.38 min Scan# 4744
 Delta R.T. -0.00 min
 Lab File: BN004053.D
 Acq: 18 Dec 2018 01:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.9	15.6	23.4
226	29.0	21.1	31.7





#19

Chrysene

Concen: 1.146 ng/ul m

RT: 21.43 min Scan# 4762

Delta R.T. -0.00 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

Instrument :

BNA_N

ClientSampled :

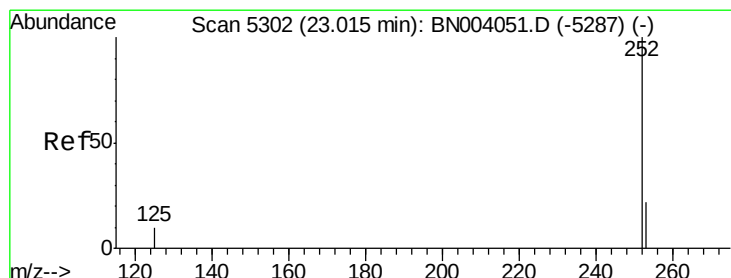
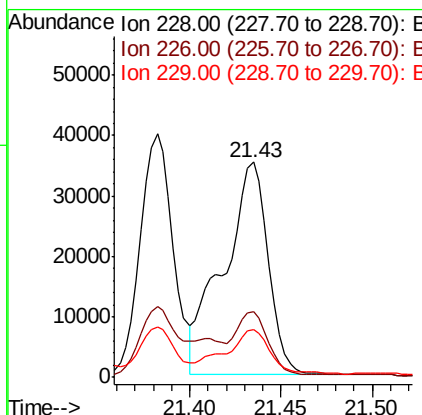
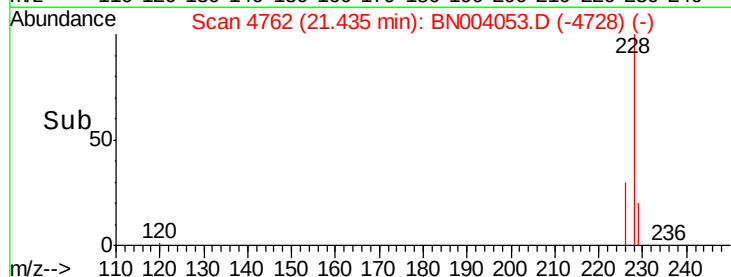
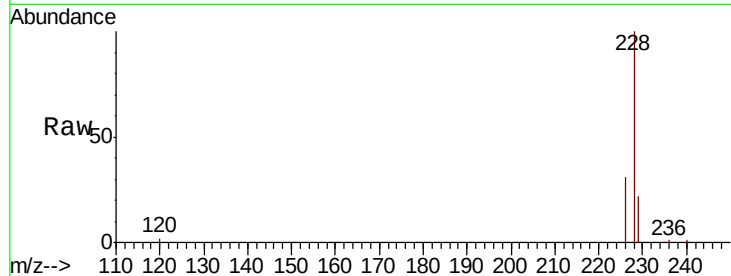
F9E00

Tgt Ion: 228 Resp: 60228

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	22.4	15.7	23.5

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#21

Benzo(b)fluoranthene

Concen: 2.168 ng/ul m

RT: 23.01 min Scan# 5302

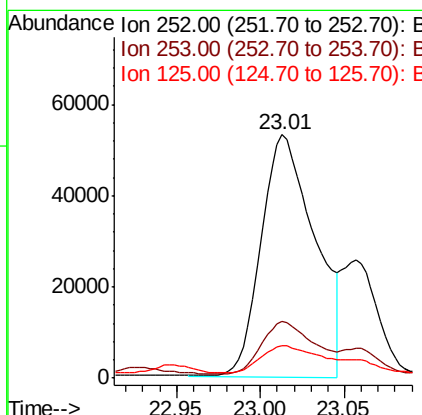
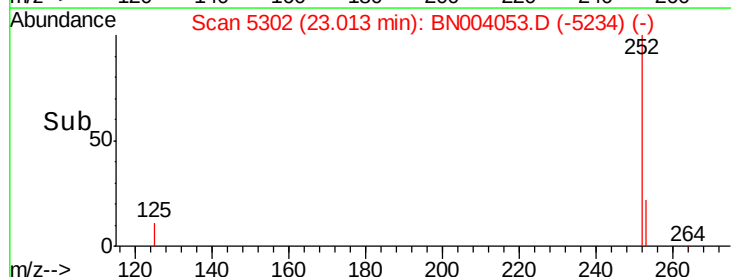
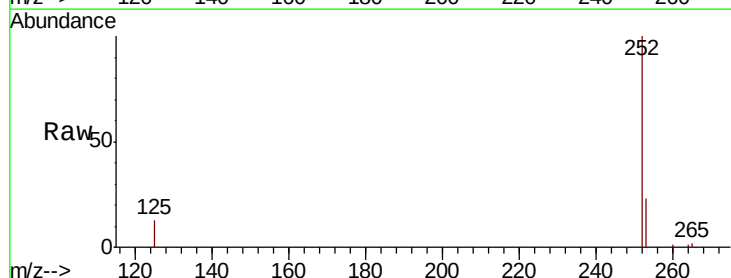
Delta R.T. -0.00 min

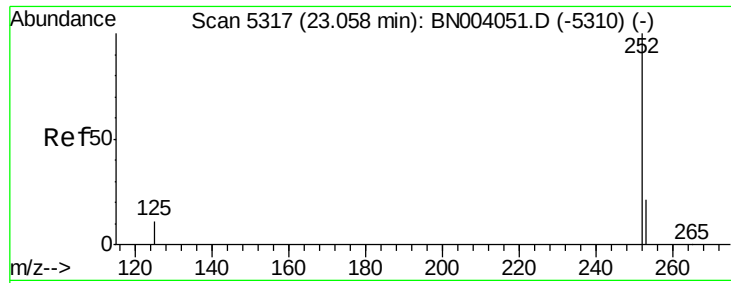
Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

Tgt Ion: 252 Resp: 118003

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	46.0
125	13.4	0.0	22.4





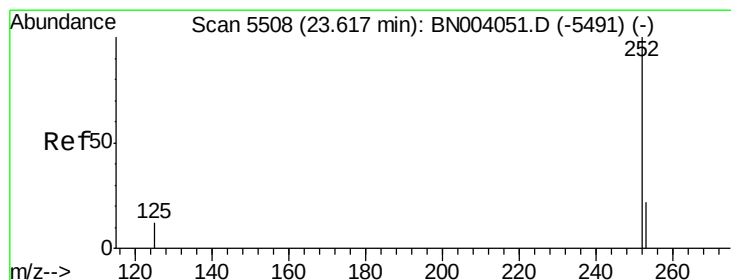
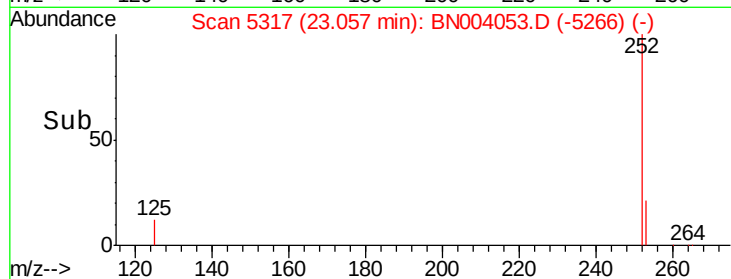
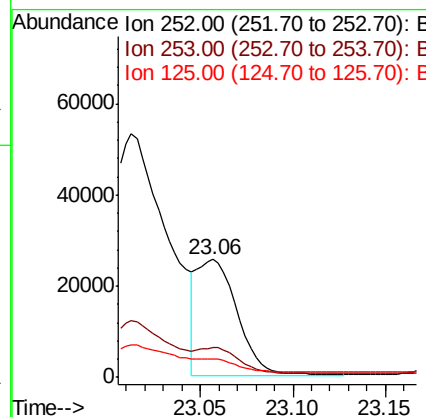
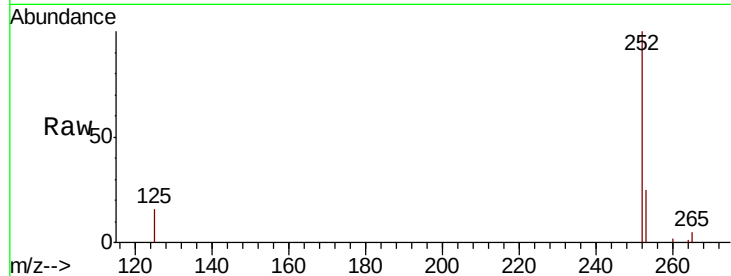
#22
Benzo(k)fluoranthene
Concen: 0.727 ng/ul m
RT: 23.06 min Scan# 5317
Delta R.T. -0.00 min
Lab File: BN004053.D
Acq: 18 Dec 2018 01:28

Instrument :
BNA_N
ClientSampled :
F9E00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.5	27.7
125	15.7	9.0	13.6#

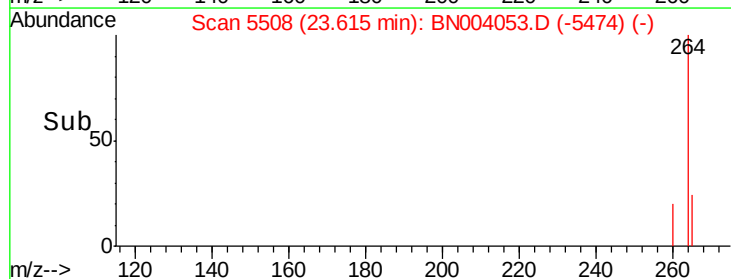
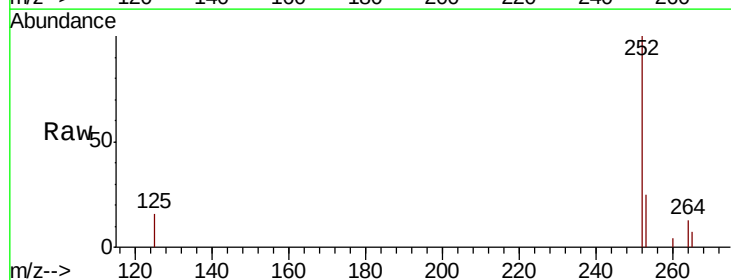
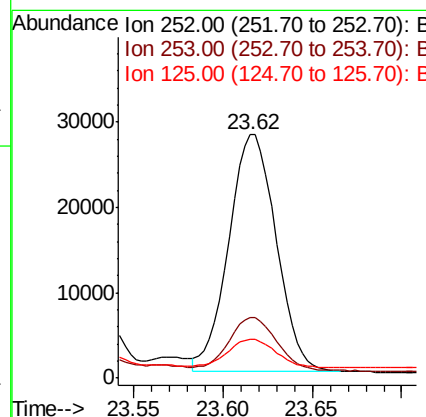
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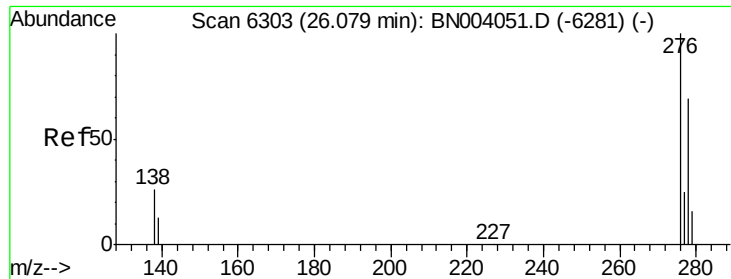
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#23
Benzo(a)pyrene
Concen: 1.086 ng/ul m
RT: 23.62 min Scan# 5508
Delta R.T. -0.00 min
Lab File: BN004053.D
Acq: 18 Dec 2018 01:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.0	28.4
125	16.0	10.2	15.4#





#24

Indeno(1,2,3-cd)pyrene

Concen: 1.025 ng/ul m

RT: 26.08 min Scan# 6303

Delta R.T. -0.00 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

Instrument :

BNA_N

ClientSampled :

F9E00

Tgt Ion: 276 Resp: 55402

Ion Ratio Lower Upper

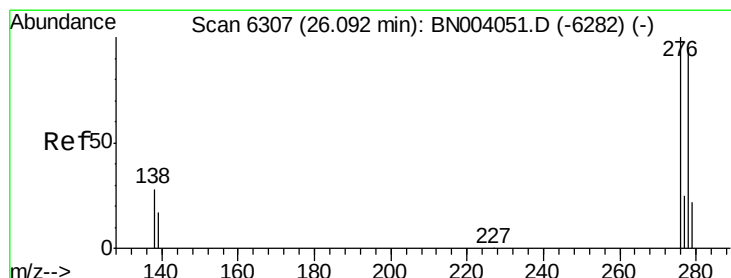
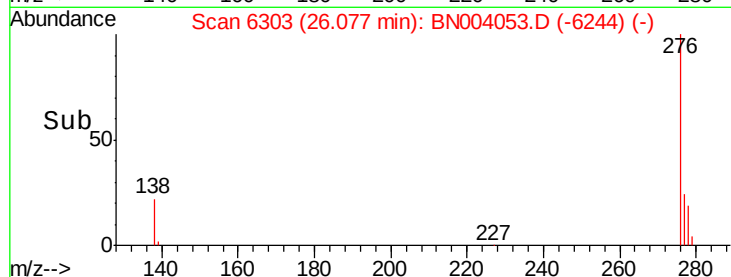
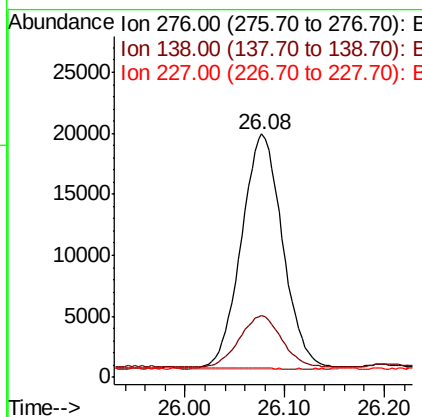
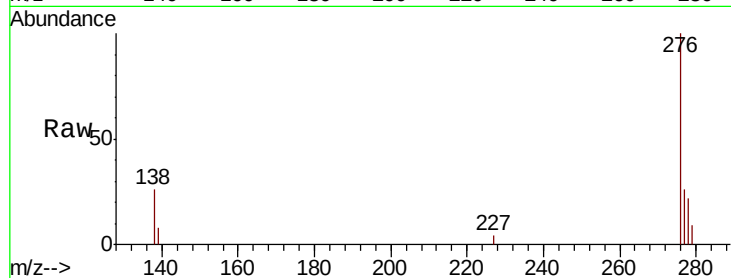
276 100

138 2.0 20.3 30.5#

227 0.0 0.2 0.2#

Manual Integrations
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#25

Dibenzo(a,h)anthracene

Concen: 0.327 ng/ul m

RT: 26.08 min Scan# 6303

Delta R.T. -0.02 min

Lab File: BN004053.D

Acq: 18 Dec 2018 01:28

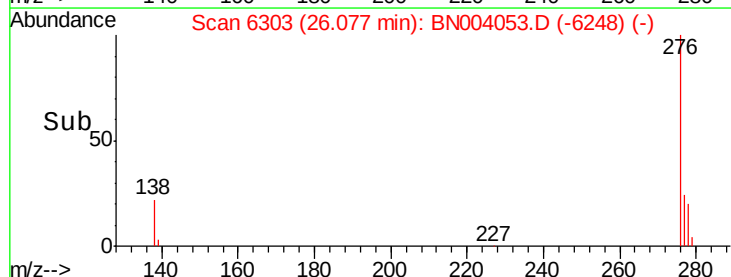
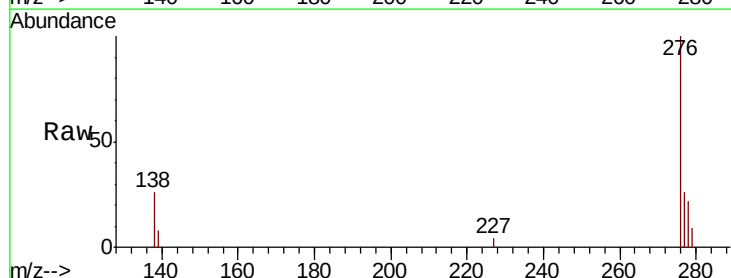
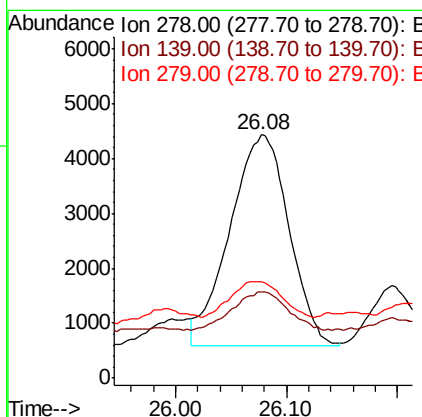
Tgt Ion: 278 Resp: 14242

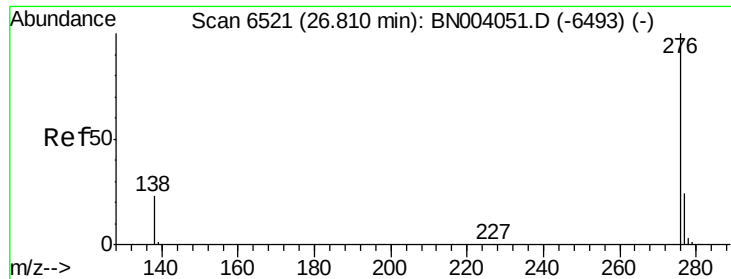
Ion Ratio Lower Upper

278 100

139 35.6 14.2 21.4#

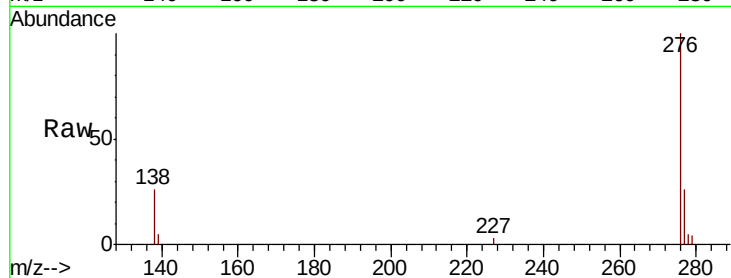
279 39.4 19.8 29.6#





#26
 Benzo(g,h,i)perylene
 Concen: 1.362 ng/ul m
 RT: 26.81 min Scan# 6522
 Delta R.T. 0.00 min
 Lab File: BN004053.D
 Acq: 18 Dec 2018 01:28

Instrument :
 BNA_N
 ClientSampleId :
 F9E00



Tgt Ion:	276	Resp:	64004
Ion Ratio	Lower	Upper	
276	100		
138	26.1	17.7	26.5
277	26.1	19.3	28.9

Manual Integrations
 APPROVED

Sohil
 12/18/2018 5:56:39 PM

