

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110518\
 Data File : BN003430.D
 Acq On : 05 Nov 2018 15:25
 Operator : MJ/SJ
 Sample : J5635-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40J5

Manual Integrations
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Quant Time: Nov 05 16:19:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 05 15:40:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	10929	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	45536	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	25868	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	54551m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	36250m	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	34044m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	20375	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	43819m	0.29	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.70	128	29636	0.232	ng/ul	99
5) 2-Methylnaphthalene	12.31	142	13766	0.150	ng/ul	100
7) Acenaphthylene	14.21	152	148268	1.319	ng/ul	99
8) Acenaphthene	14.55	153	9152	0.091	ng/ul	97
9) Fluorene	15.54	166	34478	0.292	ng/ul	99
11) Pentachlorophenol	16.87	266	605m	0.055	ng/ul	
12) Phenanthrene	17.27	178	1185329m	6.626	ng/ul	
13) Anthracene	17.36	178	384501m	2.637	ng/ul	
15) Fluoranthene	19.29	202	4792804m	23.837	ng/ul	
17) Pyrene	19.65	202	3917580	29.710	ng/ul	95
18) Benzo(a)anthracene	21.39	228	2010023m	17.686	ng/ul	
19) Chrysene	21.45	228	1784458m	13.815	ng/ul	
21) Benzo(b)fluoranthene	23.03	252	2221298m	15.142	ng/ul	
22) Benzo(k)fluoranthene	23.07	252	924460m	6.507	ng/ul	
23) Benzo(a)pyrene	23.63	252	1588408m	12.967	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	1081399m	8.247	ng/ul	
25) Dibenzo(a,h)anthracene	26.09	278	304629m	2.850	ng/ul	
26) Benzo(g,h,i)perylene	26.81	276	699824m	6.223	ng/ul	

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

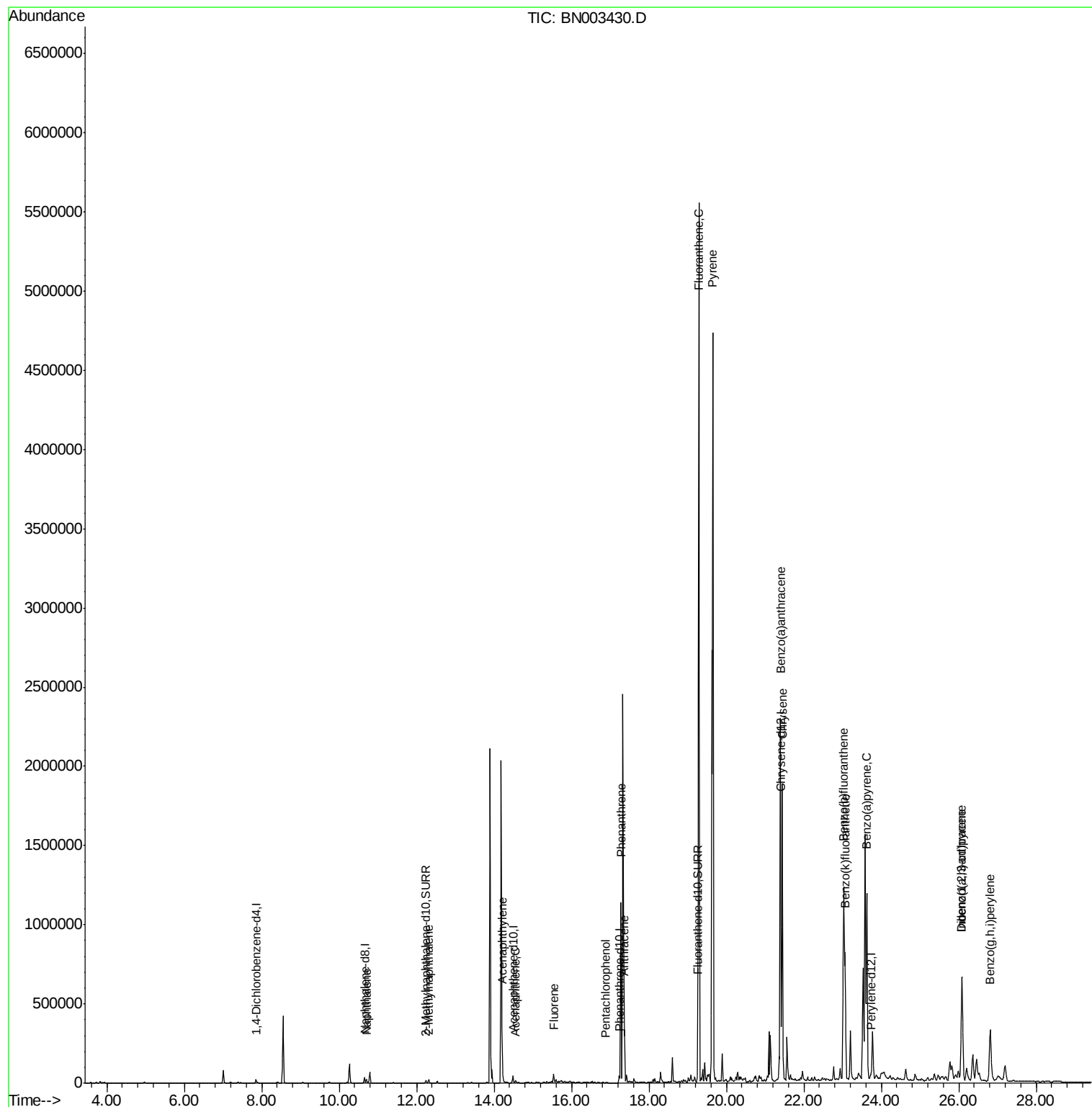
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110518\
Data File : BN003430.D
Acq On : 05 Nov 2018 15:25
Operator : MJ/SJ
Sample : J5635-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

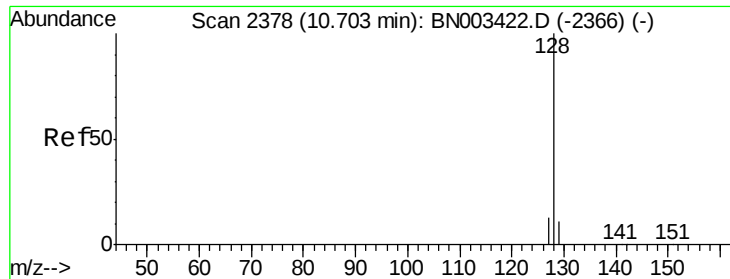
Instrument :
BNA_N
ClientSampleId :
A40J5

Quant Time: Nov 05 16:19:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.232 ng/ul

RT: 10.70 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BN003430.D

Acq: 05 Nov 2018 15:25

Instrument :

BNA_N

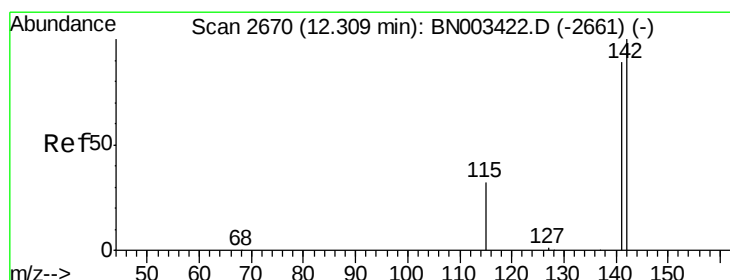
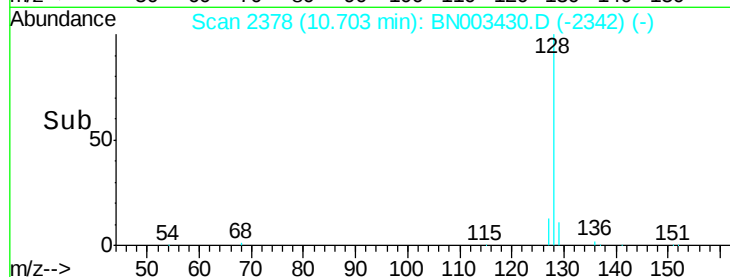
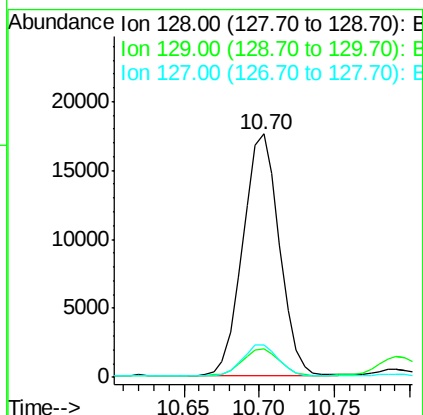
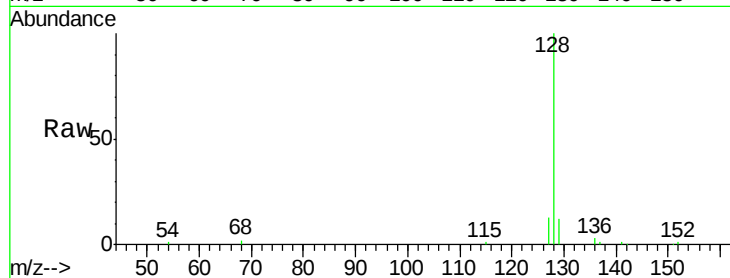
ClientSampleId :

A40J5

Tgt Ion:	128	Resp:	29636
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.0	13.6
127	13.3	10.5	15.7

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#5

2-Methylnaphthalene

Concen: 0.150 ng/ul

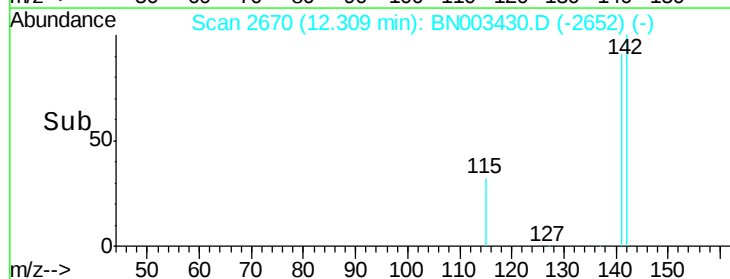
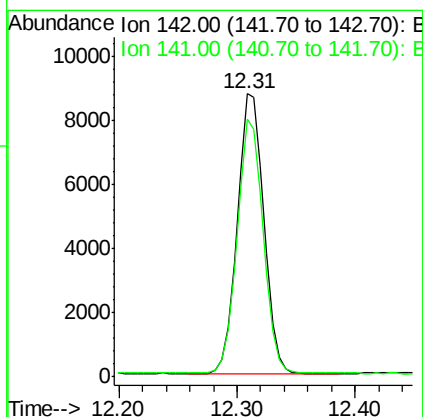
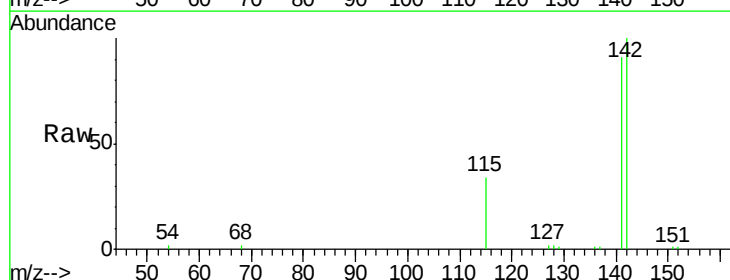
RT: 12.31 min Scan# 2670

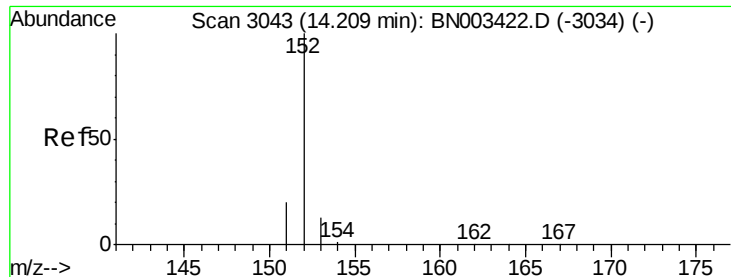
Delta R.T. -0.00 min

Lab File: BN003430.D

Acq: 05 Nov 2018 15:25

Tgt Ion:	142	Resp:	13766
Ion Ratio	Lower	Upper	
142	100		
141	89.0	71.2	106.8





#7

Acenaphthylene

Concen: 1.319 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. 0.00 min

Lab File: BN003430.D

Acq: 05 Nov 2018 15:25

Instrument :

BNA_N

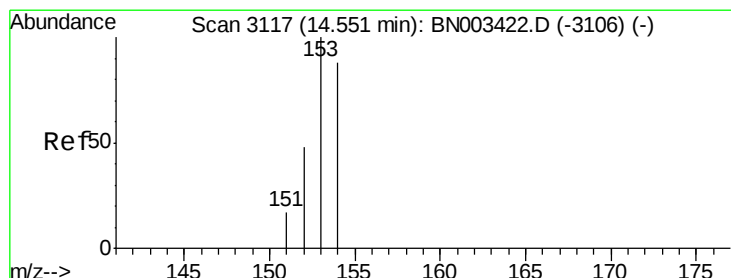
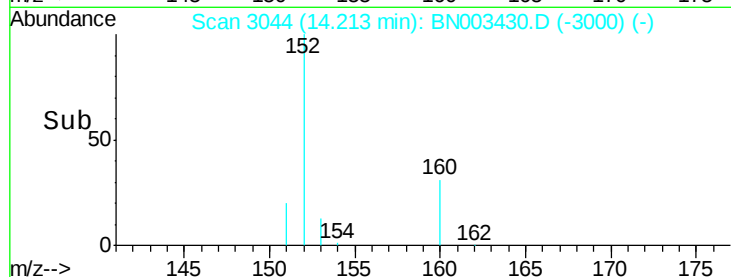
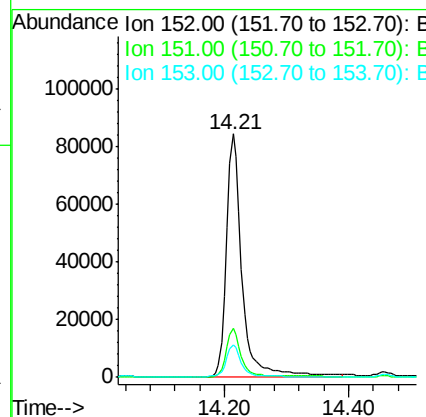
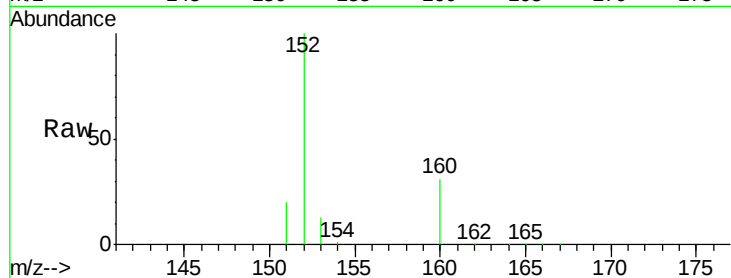
ClientSampleId :

A40J5

Tgt Ion:	152	Resp:	148268
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.6	23.4
153	13.3	10.4	15.6

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#8

Acenaphthene

Concen: 0.091 ng/ul

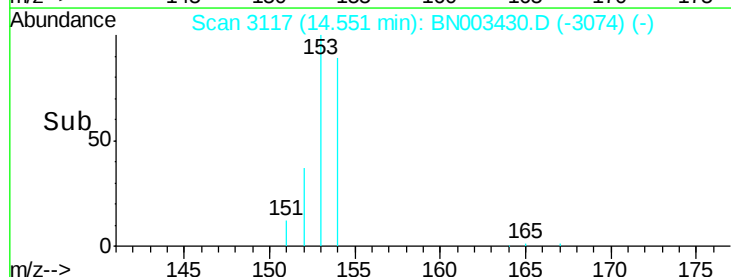
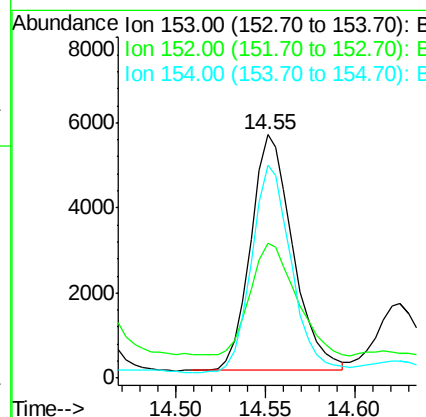
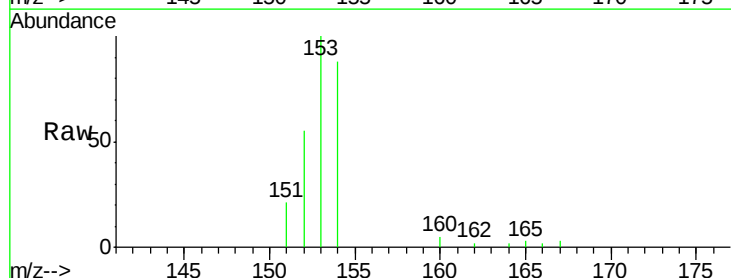
RT: 14.55 min Scan# 3117

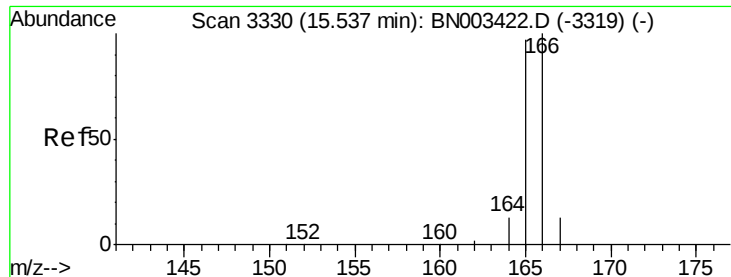
Delta R.T. -0.00 min

Lab File: BN003430.D

Acq: 05 Nov 2018 15:25

Tgt Ion:	153	Resp:	9152
Ion Ratio	Lower	Upper	
153	100		
152	55.4	39.5	59.3
154	87.6	70.3	105.5





#9

Fluorene

Concen: 0.292 ng/ul

RT: 15.54 min Scan# 3330

Delta R.T. -0.00 min

Lab File: BN003430.D

Acq: 05 Nov 2018 15:25

Instrument :

BNA_N

ClientSampleId :

A40J5

Tgt Ion:166 Resp: 34478

Ion Ratio Lower Upper

166 100

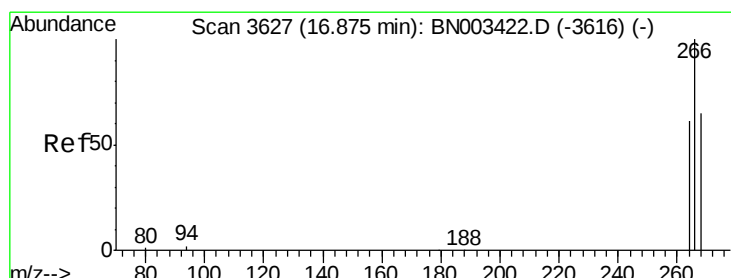
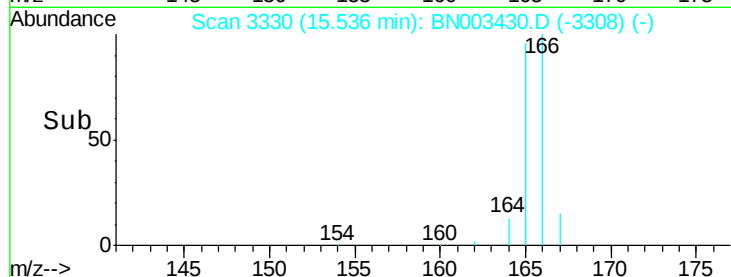
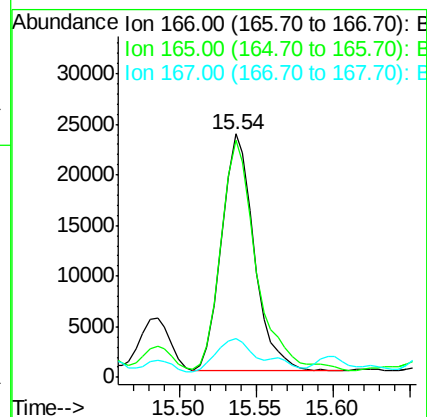
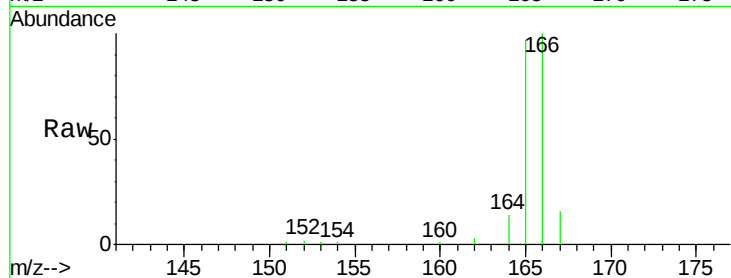
165 97.4 78.3 117.5

167 16.1 10.8 16.2

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#11

Pentachlorophenol

Concen: 0.055 ng/ul m

RT: 16.87 min Scan# 3627

Delta R.T. -0.00 min

Lab File: BN003430.D

Acq: 05 Nov 2018 15:25

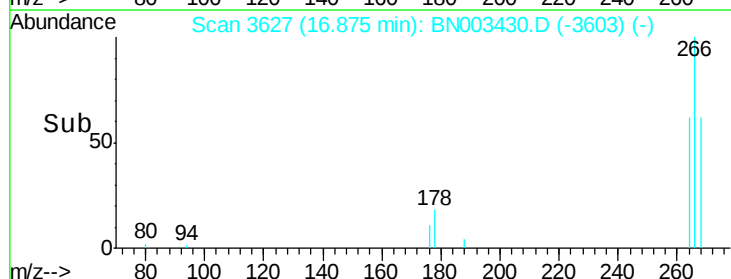
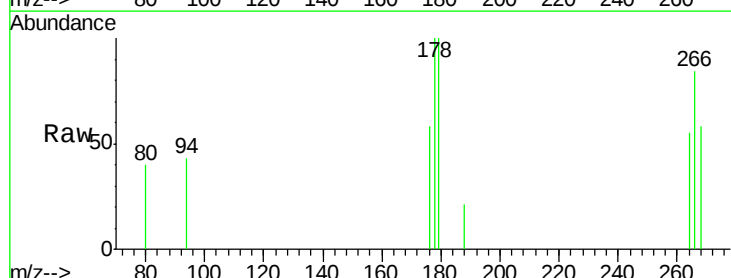
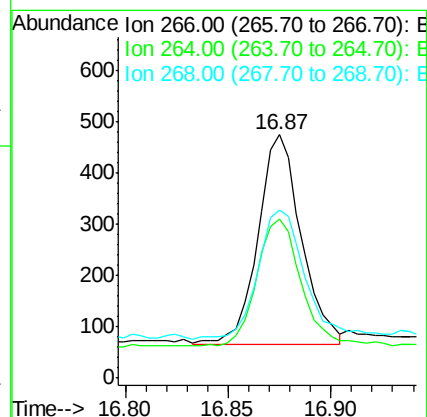
Tgt Ion:266 Resp: 605

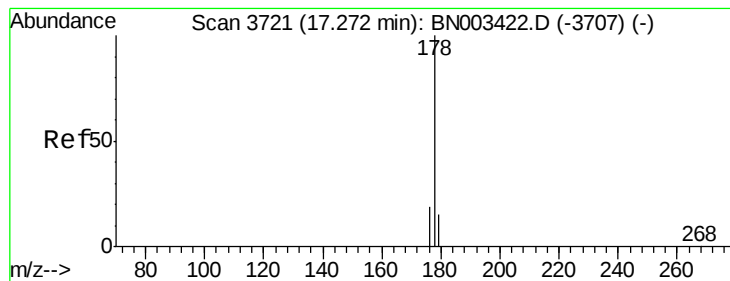
Ion Ratio Lower Upper

266 100

264 0.0 50.2 75.4#

268 0.0 50.7 76.1#





#12

Phenanthrene

Concen: 6.626 ng/ul m

RT: 17.27 min Scan# 3721

Delta R.T. -0.00 min

Lab File: BN003430.D

Acq: 05 Nov 2018 15:25

Instrument :

BNA_N

ClientSampleId :

A40J5

Tgt Ion:178 Resp: 1185329

Ion Ratio Lower Upper

178 100

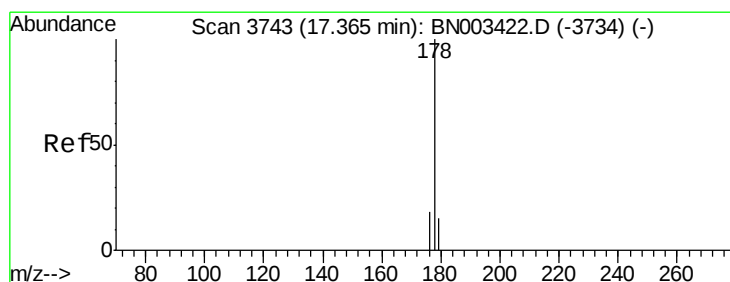
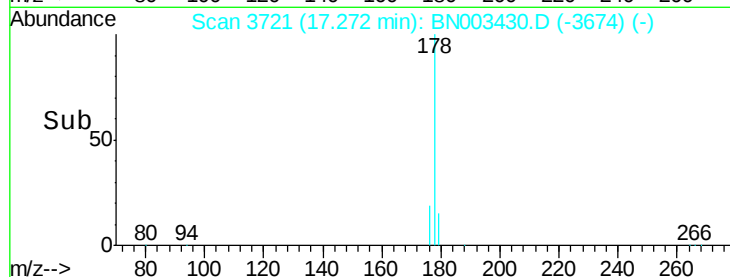
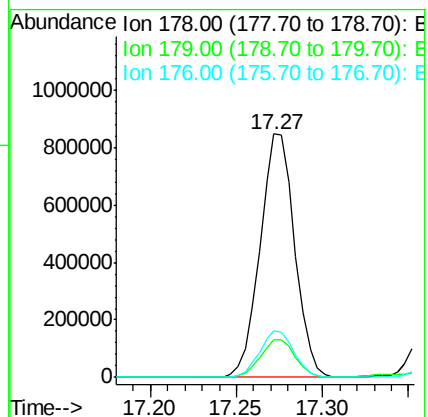
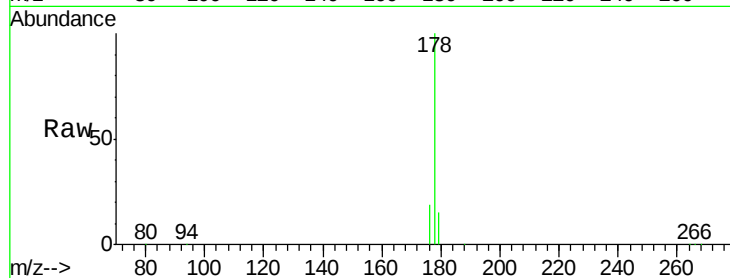
179 15.4 12.4 18.6

176 19.2 15.0 22.4

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#13

Anthracene

Concen: 2.637 ng/ul m

RT: 17.36 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BN003430.D

Acq: 05 Nov 2018 15:25

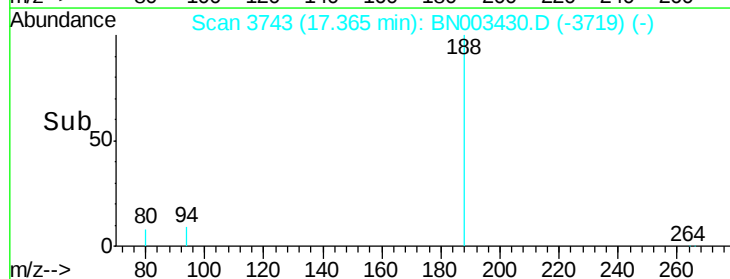
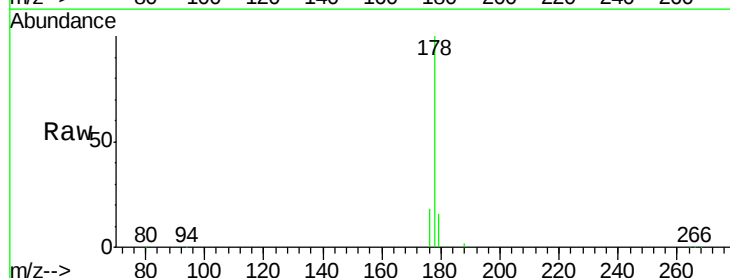
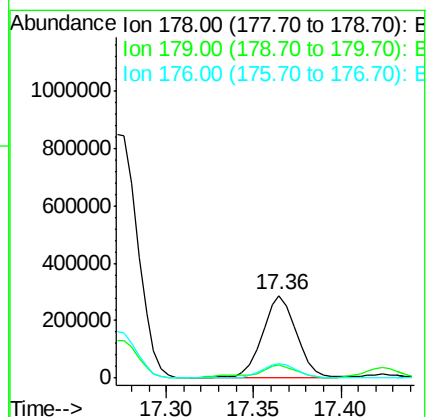
Tgt Ion:178 Resp: 384501

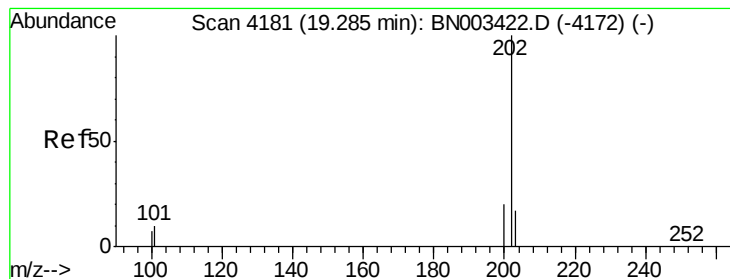
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 18.2 14.7 22.1





#15

Fluoranthene

Concen: 23.837 ng/ul m

RT: 19.29 min Scan# 4182

Delta R.T. 0.00 min

Lab File: BN003430.D

Acq: 05 Nov 2018 15:25

Instrument :

BNA_N

ClientSampleId :

A40J5

Tgt Ion:202 Resp: 4792804

Ion Ratio Lower Upper

202 100

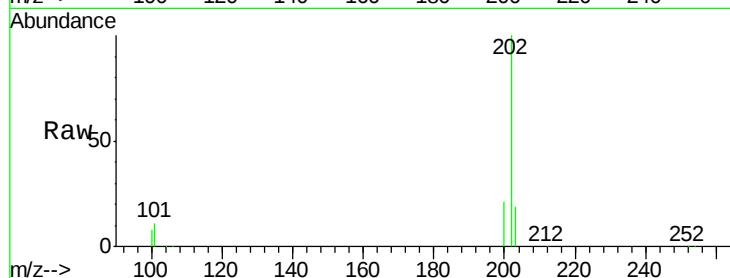
101 11.3 0.0 30.7

100 8.4 0.0 28.0

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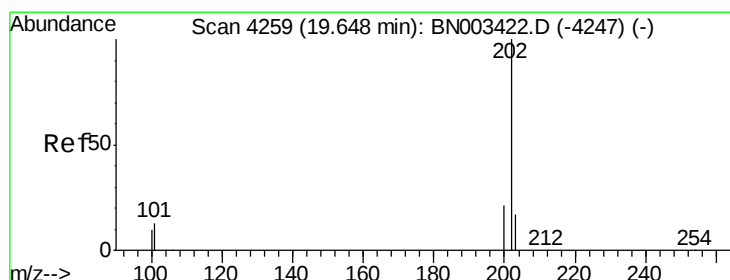
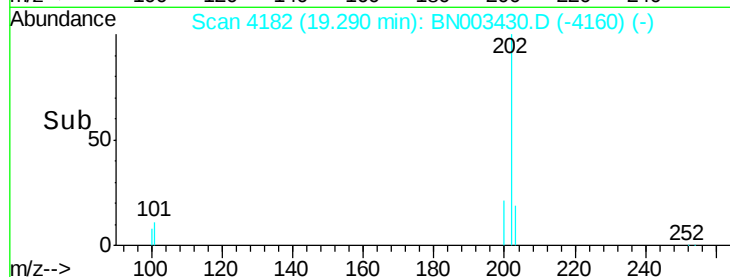
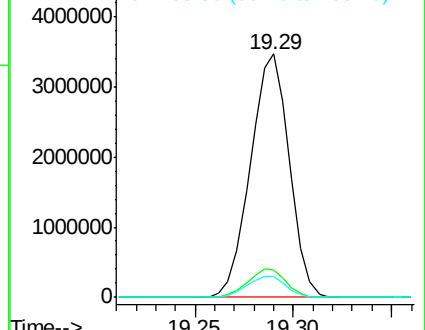
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 29.710 ng/ul

RT: 19.65 min Scan# 4260

Delta R.T. 0.00 min

Lab File: BN003430.D

Acq: 05 Nov 2018 15:25

Tgt Ion:202 Resp: 3917580

Ion Ratio Lower Upper

202 100

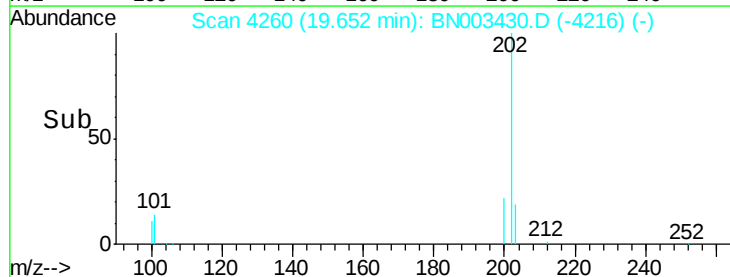
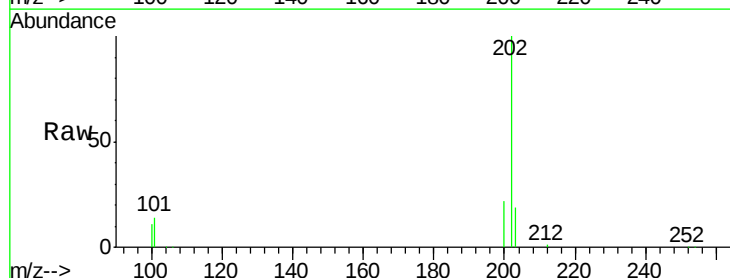
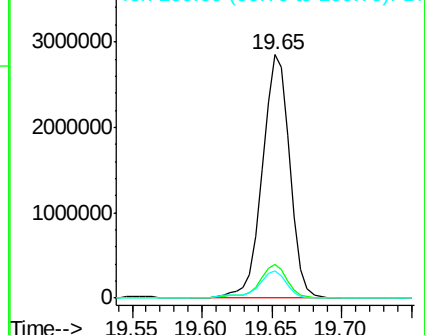
101 13.9 9.5 14.3

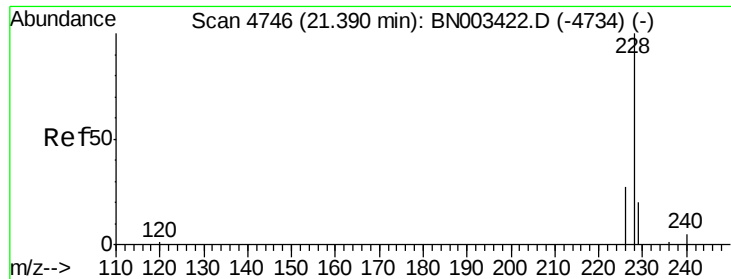
100 11.1 7.5 11.3

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: 17.686 ng/ul m

RT: 21.39 min Scan# 4747

Delta R.T. 0.00 min

Lab File: BN003430.D

Acq: 05 Nov 2018 15:25

Instrument :

BNA_N

ClientSampleId :

A40J5

Tgt Ion:228 Resp: 2010023

Ion Ratio Lower Upper

228 100

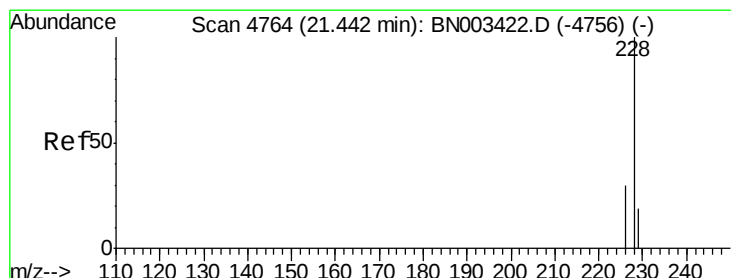
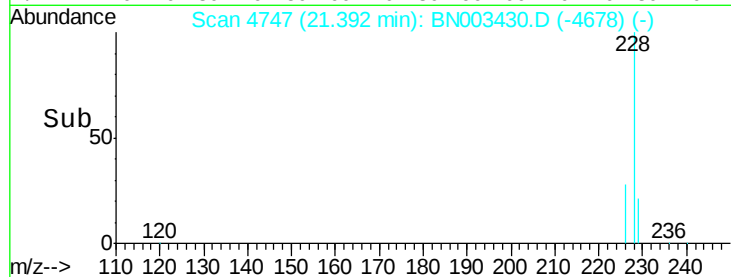
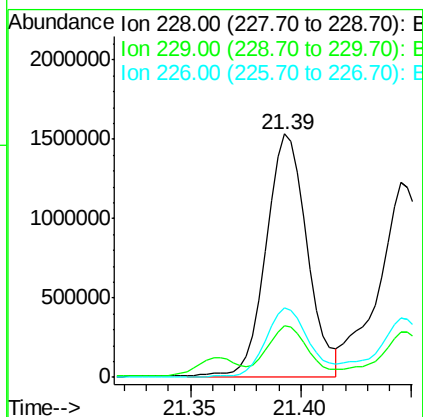
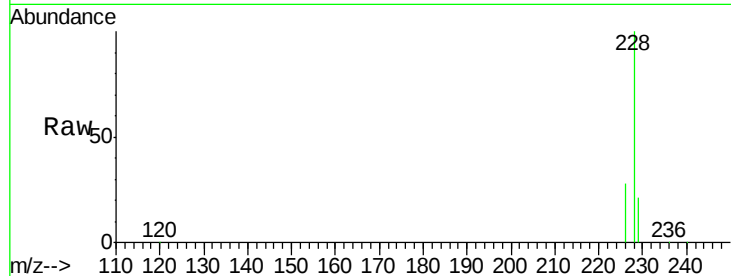
229 21.1 15.5 23.3

226 28.3 21.5 32.3

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#19

Chrysene

Concen: 13.815 ng/ul m

RT: 21.45 min Scan# 4765

Delta R.T. 0.00 min

Lab File: BN003430.D

Acq: 05 Nov 2018 15:25

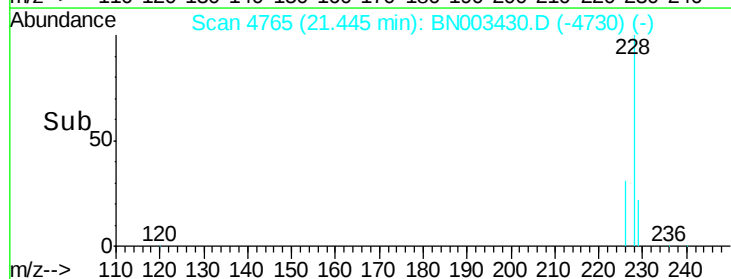
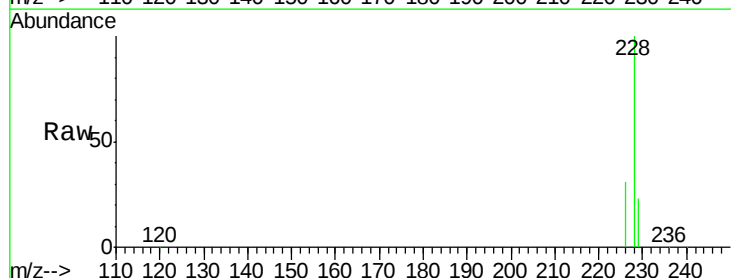
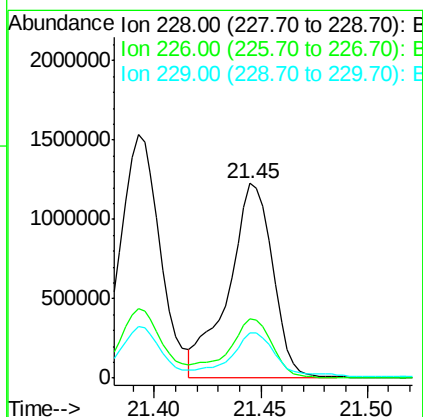
Tgt Ion:228 Resp: 1784458

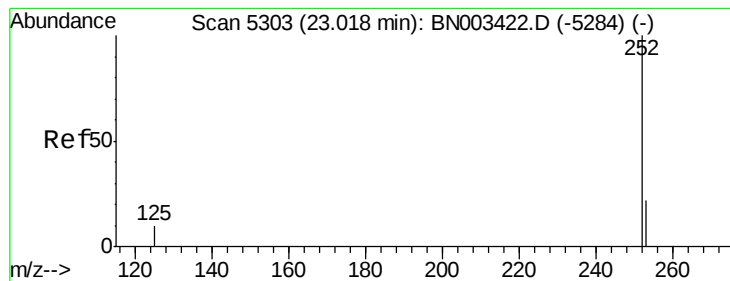
Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.6

229 23.0 15.5 23.3





#21

Benzo(b)fluoranthene

Concen: 15.142 ng/ul m

RT: 23.03 min Scan# 5306

Delta R.T. 0.01 min

Lab File: BN003430.D

Acq: 05 Nov 2018 15:25

Instrument :

BNA_N

ClientSampleId :

A40J5

Tgt Ion:252 Resp: 2221298

Ion Ratio Lower Upper

252 100

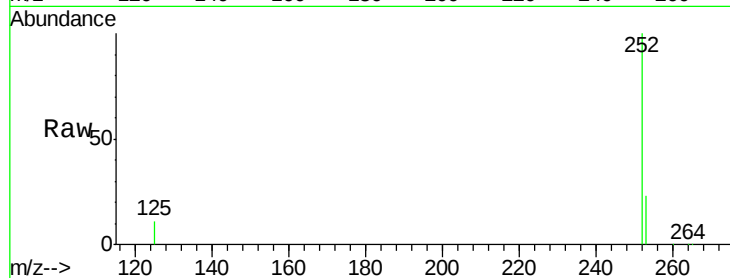
253 23.0 0.0 45.6

125 11.3 0.0 21.8

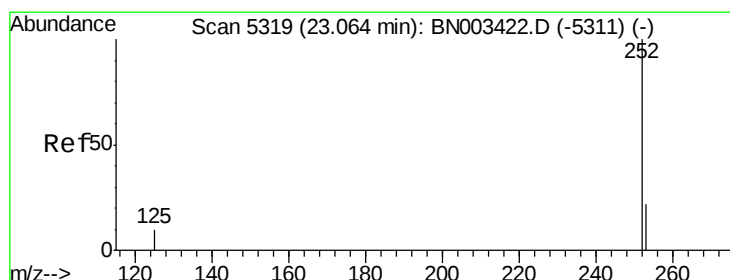
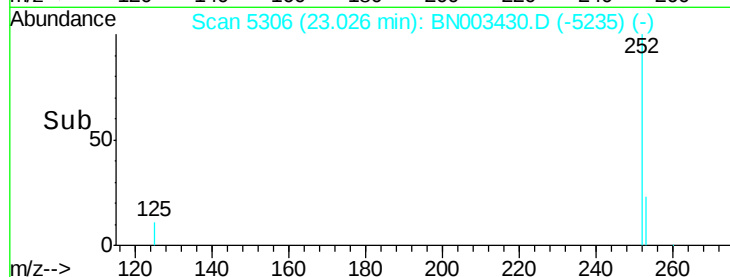
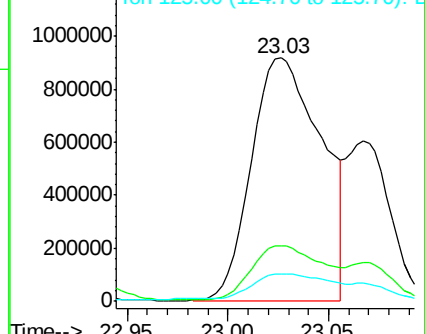
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 6.507 ng/ul m

RT: 23.07 min Scan# 5320

Delta R.T. 0.00 min

Lab File: BN003430.D

Acq: 05 Nov 2018 15:25

Tgt Ion:252 Resp: 924460

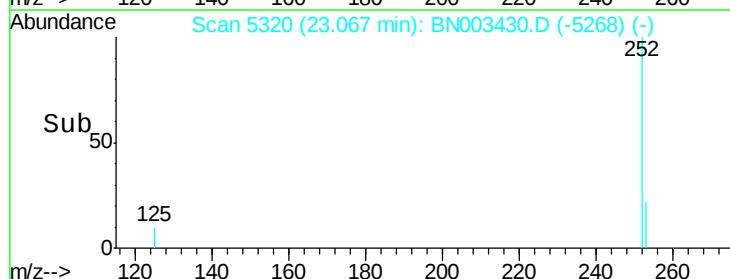
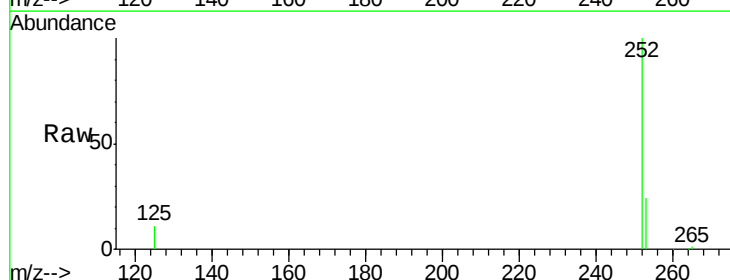
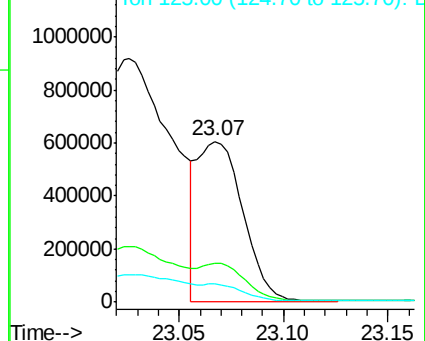
Ion Ratio Lower Upper

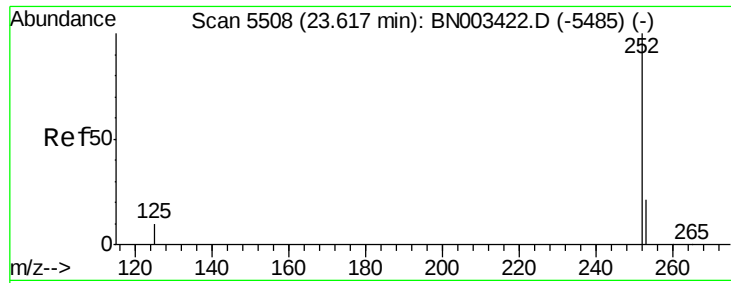
252 100

253 24.2 18.2 27.4

125 11.1 8.6 13.0

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: 12.967 ng/ul m

RT: 23.63 min Scan# 5512

Delta R.T. 0.01 min

Lab File: BN003430.D

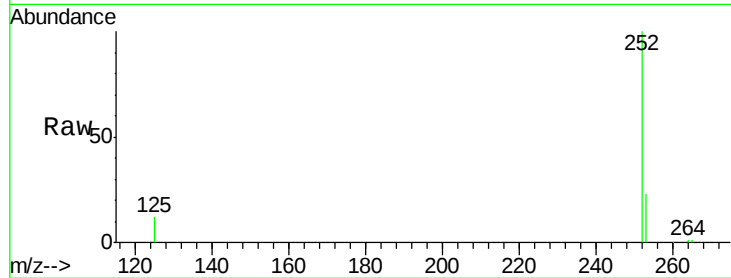
Acq: 05 Nov 2018 15:25

Instrument :

BNA_N

ClientSampleId :

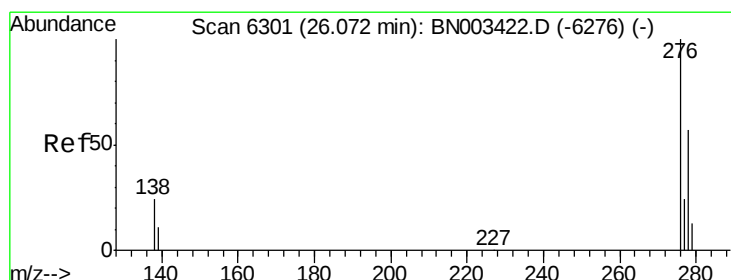
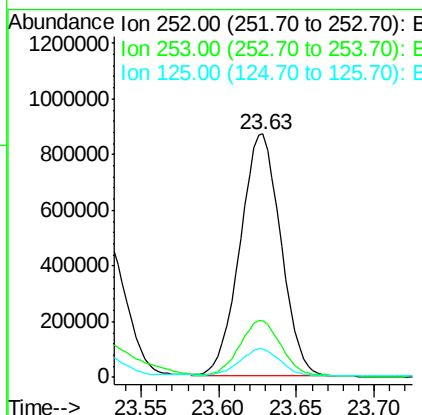
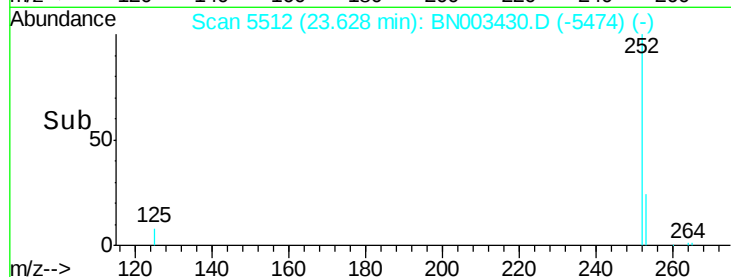
A40J5



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	11.6	9.9	14.9

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:52 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 8.247 ng/ul m

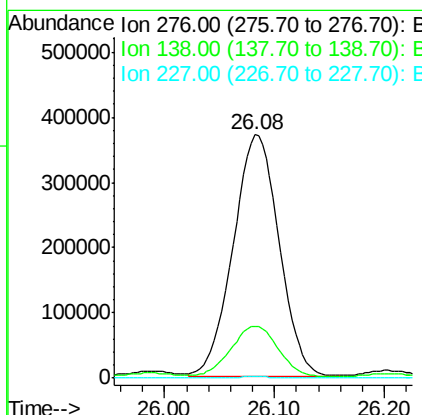
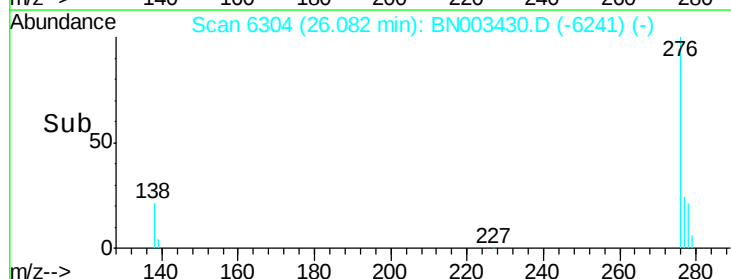
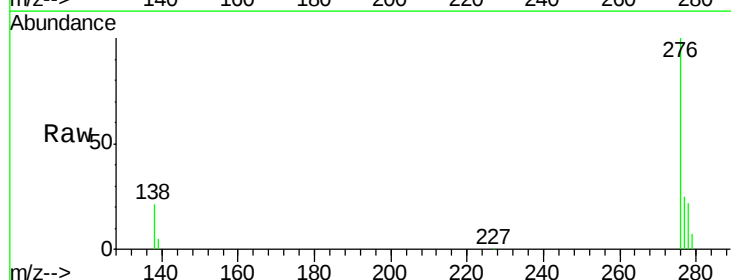
RT: 26.08 min Scan# 6304

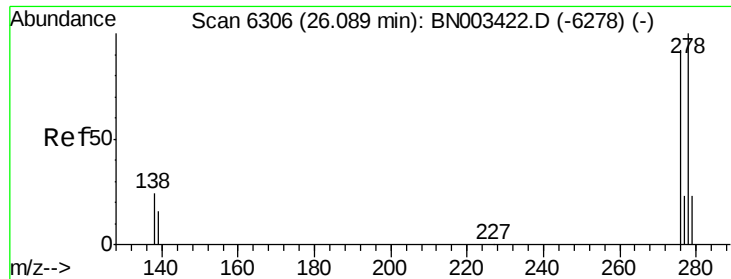
Delta R.T. 0.01 min

Lab File: BN003430.D

Acq: 05 Nov 2018 15:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	19.8	29.8
227	0.2	0.2	0.2





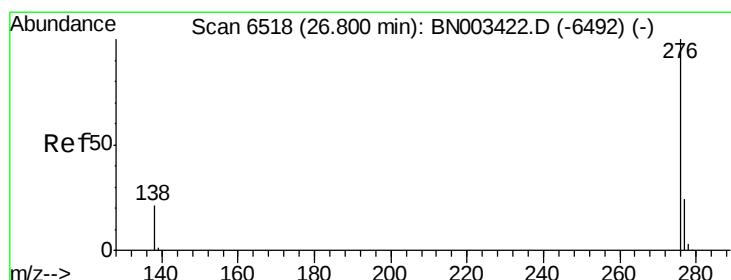
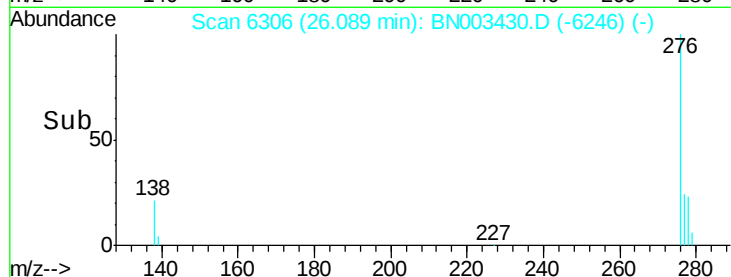
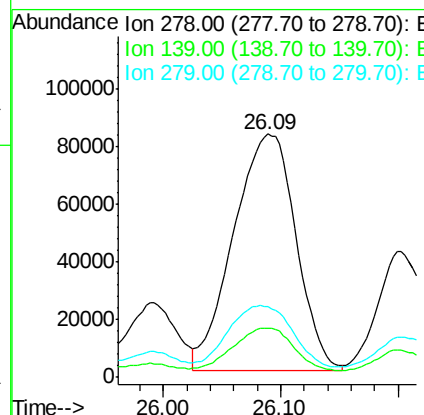
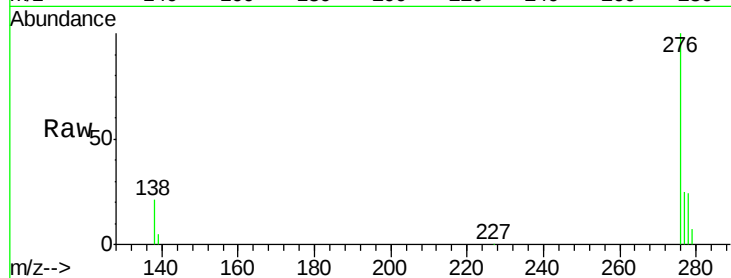
#25
Dibenzo(a,h)anthracene
Concen: 2.850 ng/ul m
RT: 26.09 min Scan# 6306
Delta R.T. -0.00 min
Lab File: BN003430.D
Acq: 05 Nov 2018 15:25

Instrument :
BNA_N
ClientSampleId :
A40J5

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	13.1	19.7#
279	29.0	19.5	29.3

Manual Integrations
APPROVED

Sohil
11/6/2018 1:23:52 PM



#26
Benzo(g,h,i)perylene
Concen: 6.223 ng/ul m
RT: 26.81 min Scan# 6522
Delta R.T. 0.01 min
Lab File: BN003430.D
Acq: 05 Nov 2018 15:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.0	25.6
277	24.6	19.2	28.8

