

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070218\
 Data File : BN001928.D
 Acq On : 02 Jul 2018 10:10
 Operator : JU/SJ
 Sample : J3661-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 03 01:52:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 03 01:51:51 2018
 Response via : Initial Calibration

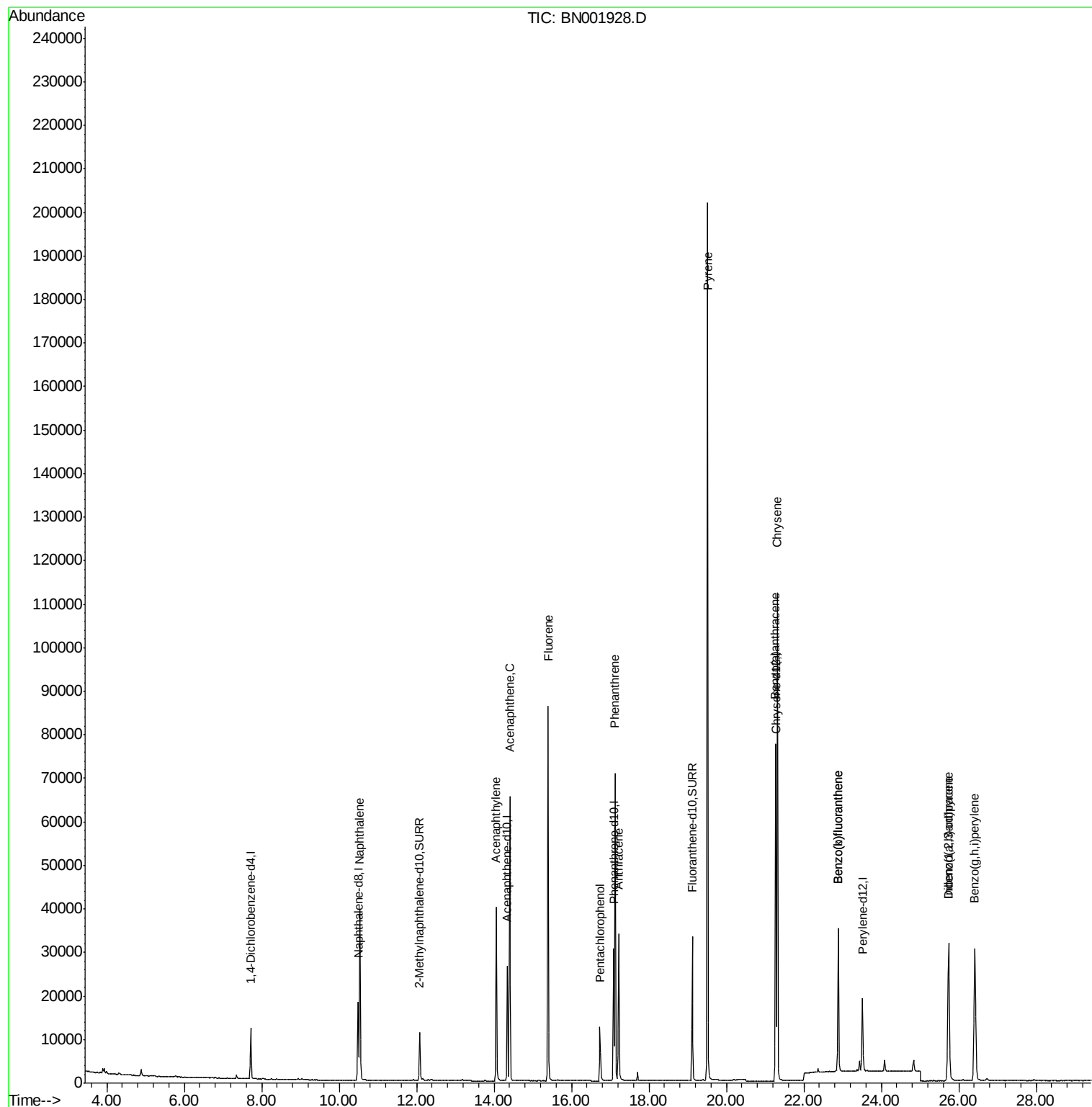
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	6025	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	24499	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.34	164	14662	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	35217	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	27884	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	23083	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.08	152	15099	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	37147	0.35	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.53	128	55443	0.878	ng/ul	96
7) Acenaphthylene	14.06	152	48648	0.679	ng/ul	95
8) Acenaphthene	14.40	153	38772	0.736	ng/ul	98
9) Fluorene	15.39	166	55061	0.894	ng/ul#	93
11) Pentachlorophenol	16.74	266	8807	1.321	ng/ul	96
12) Phenanthrene	17.13	178	75947	0.723	ng/ul#	89
13) Anthracene	17.22	178	38488	0.386	ng/ul#	92
17) Pyrene	19.51	202	171008	1.687	ng/ul	96
18) Benzo(a)anthracene	21.27	228	62541	0.649	ng/ul#	85
19) Chrysene	21.32	228	95081	0.991	ng/ul	97
21) Benzo(b)fluoranthene	22.89	252	42768	0.511	ng/ul	86
22) Benzo(k)fluoranthene	22.89	252	42749	0.512	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.74	276	60234	0.690	ng/ul#	80
25) Dibenzo(a,h)anthracene	25.74	278	2033	0.029	ng/ul#	75
26) Benzo(g,h,i)perylene	26.41	276	62341	0.840	ng/ul	96

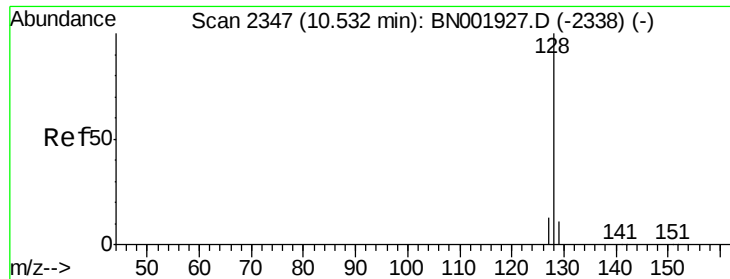
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 03 01:51:51 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.878 ng/ul

RT: 10.53 min Scan# 2347

Delta R.T. 0.00 min

Lab File: BN001928.D

Acq: 02 Jul 2018 10:10

Instrument :

BNA_N

ClientSampleId :

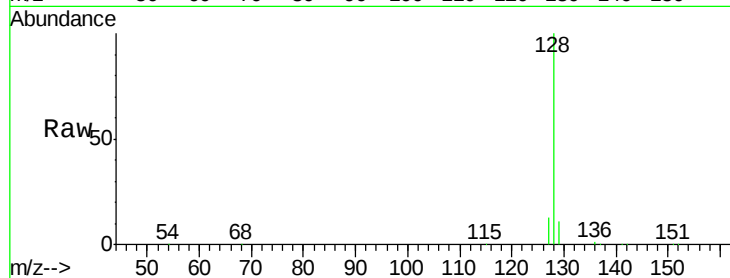
Tot Ion:128 Resp: 55443

Ion Ratio Lower Upper

128 100

129 11.1 8.0 12.0

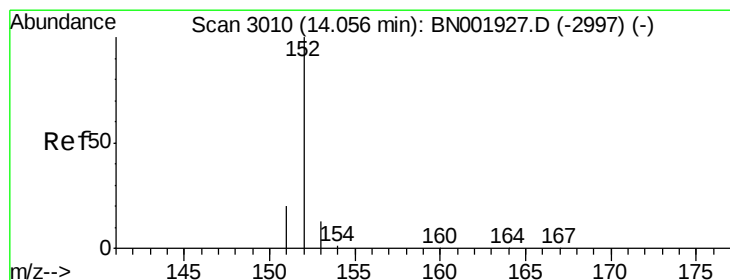
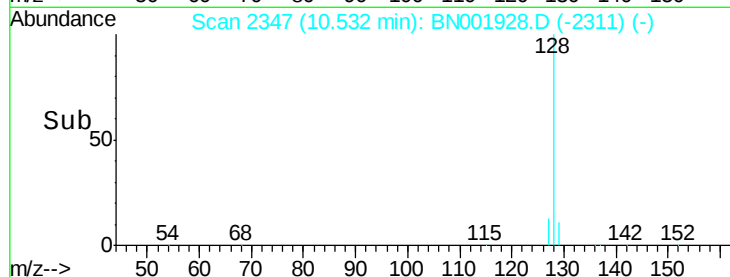
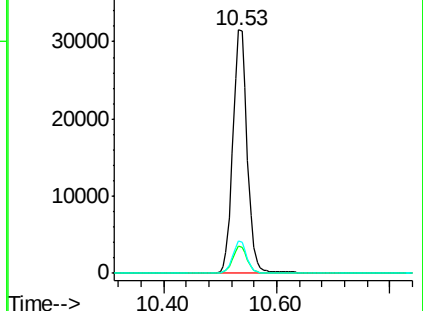
127 13.2 12.0 18.0



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



#7

Acenaphthylene

Concen: 0.679 ng/ul

RT: 14.06 min Scan# 3010

Delta R.T. 0.00 min

Lab File: BN001928.D

Acq: 02 Jul 2018 10:10

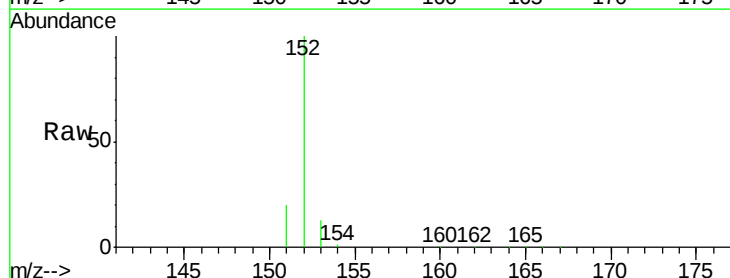
Tgt Ion:152 Resp: 48648

Ion Ratio Lower Upper

152 100

151 19.8 17.1 25.7

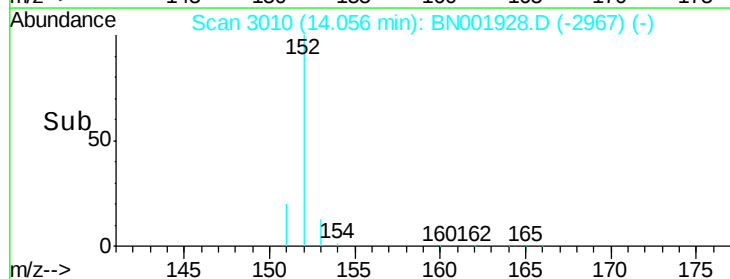
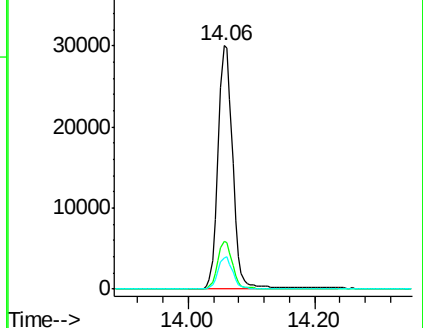
153 13.0 12.8 19.2

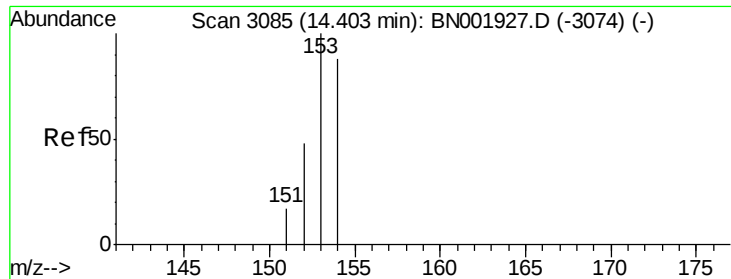


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.736 ng/ul

RT: 14.40 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BN001928.D

Acq: 02 Jul 2018 10:10

Instrument :

BNA_N

ClientSampleId :

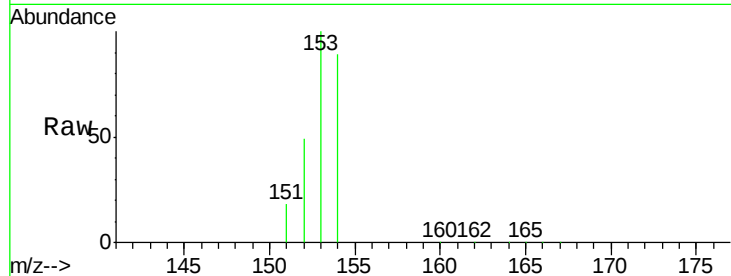
Tot Ion:153 Resp: 38772

Ion Ratio Lower Upper

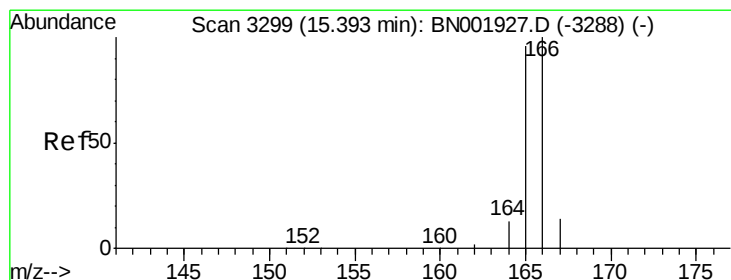
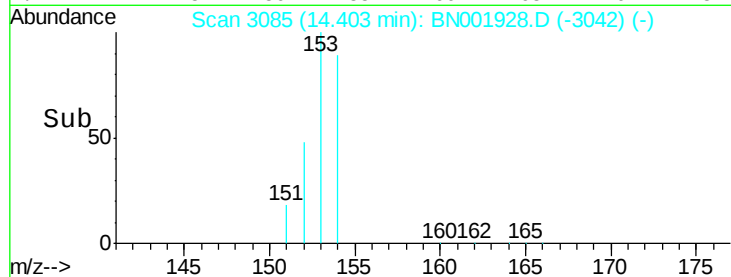
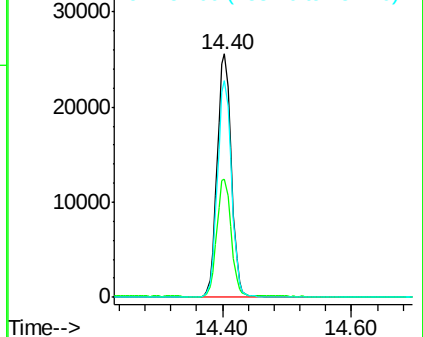
153 100

152 48.8 36.0 54.0

154 89.3 72.0 108.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.894 ng/ul

RT: 15.39 min Scan# 3299

Delta R.T. 0.00 min

Lab File: BN001928.D

Acq: 02 Jul 2018 10:10

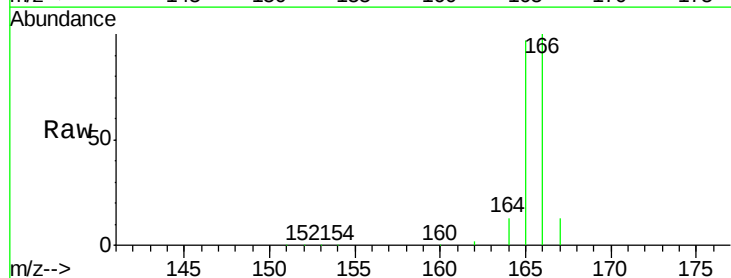
Tgt Ion:166 Resp: 55061

Ion Ratio Lower Upper

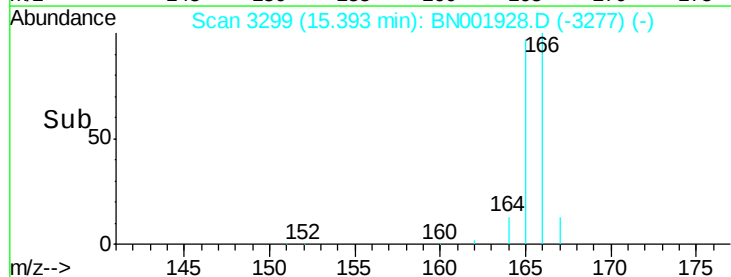
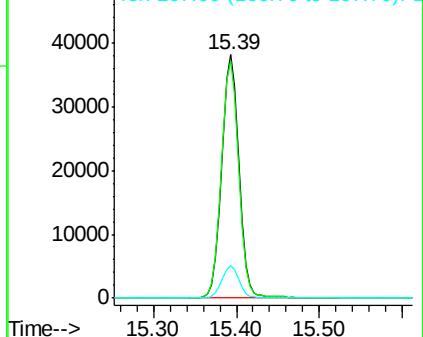
166 100

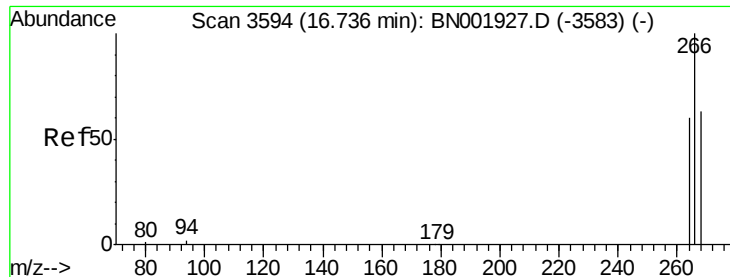
165 97.4 73.4 110.2

167 13.4 14.6 22.0#



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

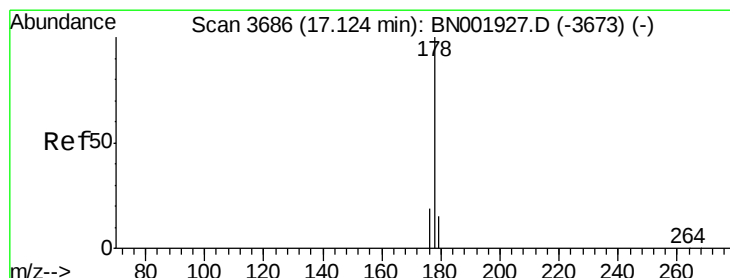
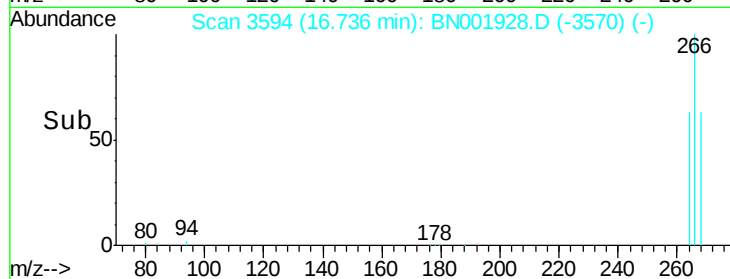
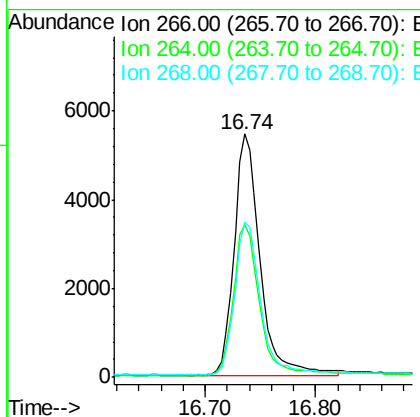
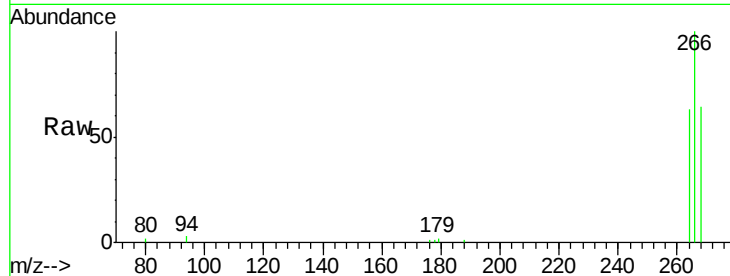




#11
 Pentachlorophenol
 Concen: 1.321 ng/ul
 RT: 16.74 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: BN001928.D
 Acq: 02 Jul 2018 10:10

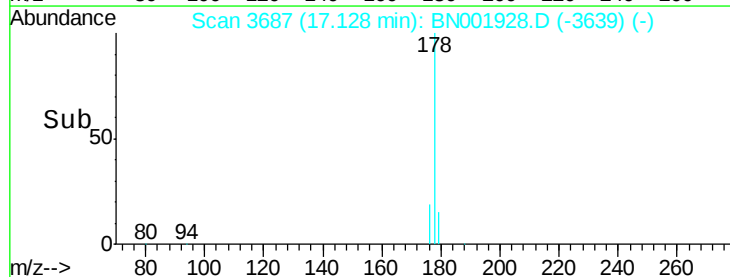
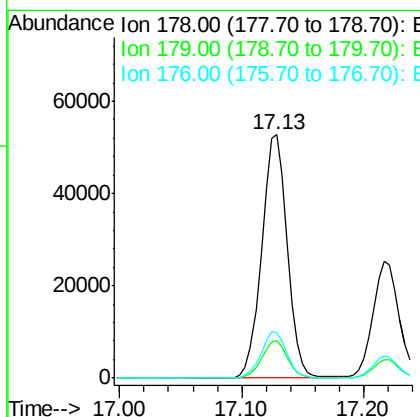
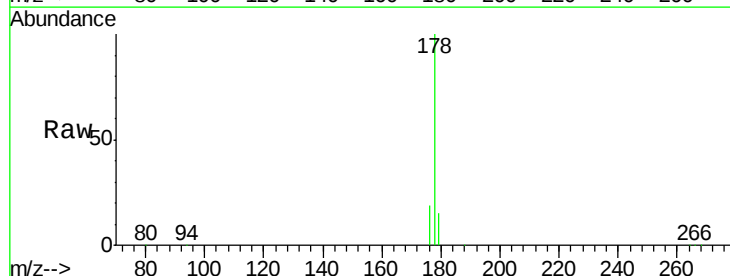
Instrument :
 BNA_N
 ClientSampleId :

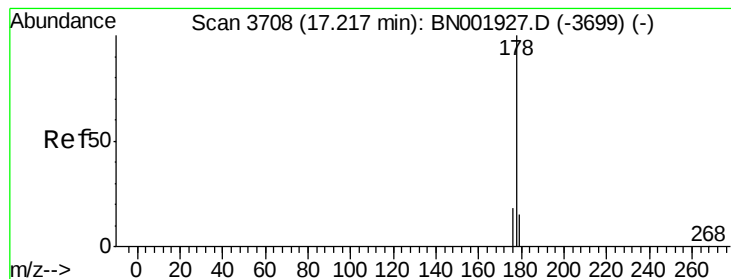
Tot Ion:266 Resp: 8807
 Ion Ratio Lower Upper
 266 100
 264 63.3 47.9 71.9
 268 64.4 49.8 74.8



#12
 Phenanthrene
 Concen: 0.723 ng/ul
 RT: 17.13 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: BN001928.D
 Acq: 02 Jul 2018 10:10

Tgt Ion:178 Resp: 75947
 Ion Ratio Lower Upper
 178 100
 179 15.2 18.4 27.6#
 176 18.8 13.6 20.4





#13

Anthracene

Concen: 0.386 ng/ul

RT: 17.22 min Scan# 3708

Delta R.T. 0.00 min

Lab File: BN001928.D

Acq: 02 Jul 2018 10:10

Instrument :

BNA_N

ClientSampleId :

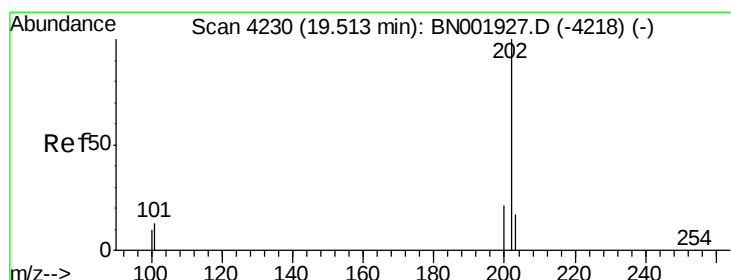
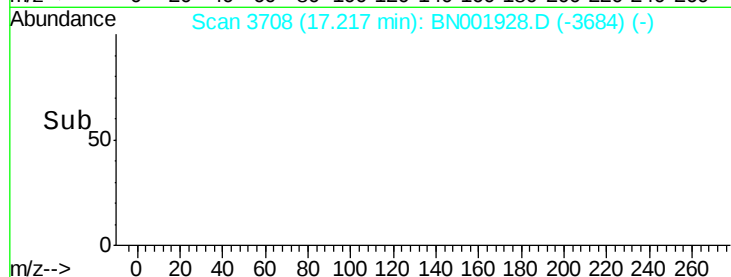
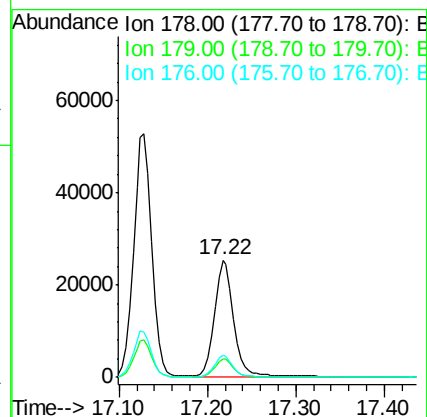
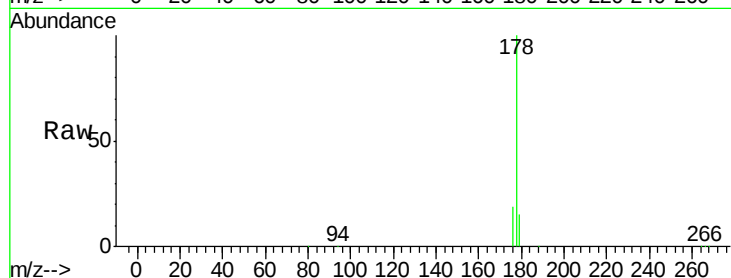
Tot Ion:178 Resp: 38488

Ion Ratio Lower Upper

178 100

179 15.4 18.1 27.1#

176 18.6 14.7 22.1



#17

Pyrene

Concen: 1.687 ng/ul

RT: 19.51 min Scan# 4230

Delta R.T. 0.00 min

Lab File: BN001928.D

Acq: 02 Jul 2018 10:10

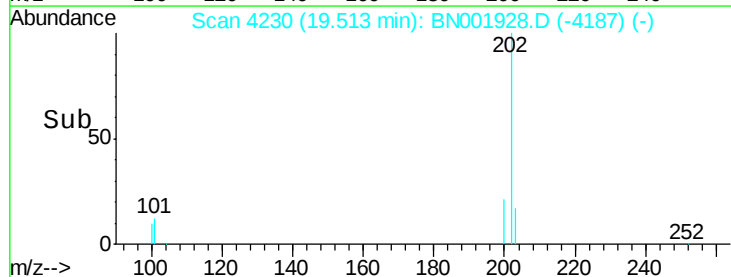
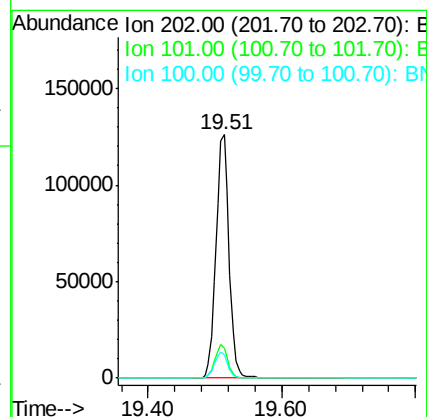
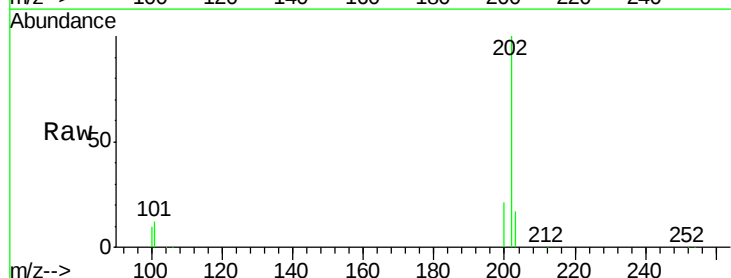
Tgt Ion:202 Resp: 171008

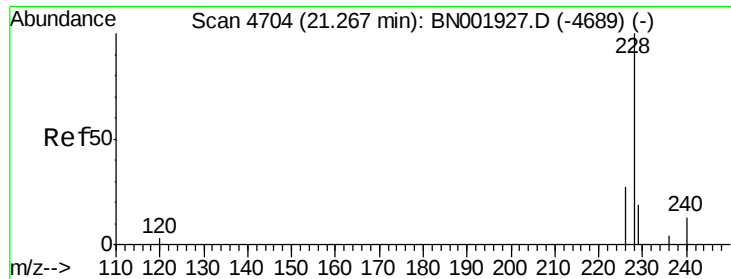
Ion Ratio Lower Upper

202 100

101 12.4 12.0 18.0

100 9.7 8.0 12.0





#18

Benzo(a)anthracene

Concen: 0.649 ng/ul

RT: 21.27 min Scan# 4704

Delta R.T. 0.00 min

Lab File: BN001928.D

Acq: 02 Jul 2018 10:10

Instrument :

BNA_N

ClientSampleId :

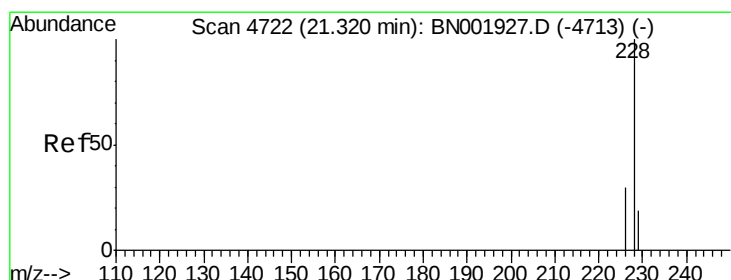
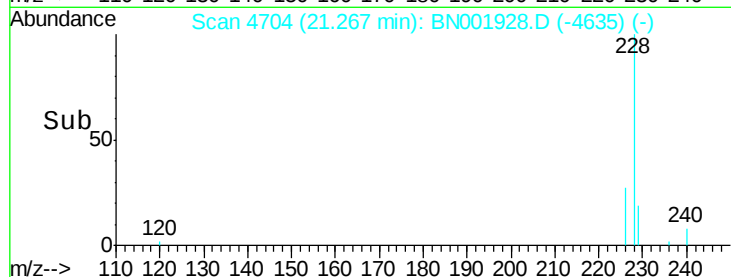
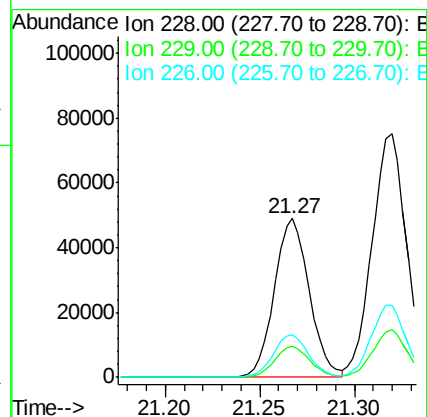
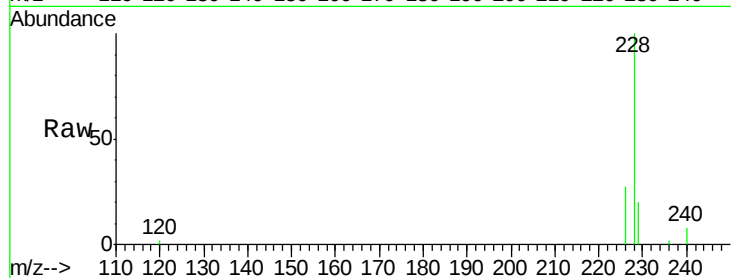
Tot Ion:228 Resp: 62541

Ion Ratio Lower Upper

228 100

229 19.5 22.8 34.2#

226 27.0 17.0 25.6#



#19

Chrysene

Concen: 0.991 ng/ul

RT: 21.32 min Scan# 4722

Delta R.T. 0.00 min

Lab File: BN001928.D

Acq: 02 Jul 2018 10:10

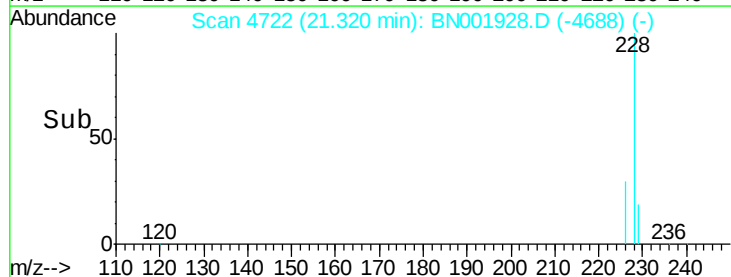
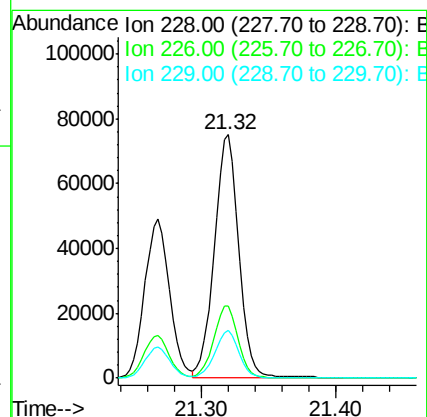
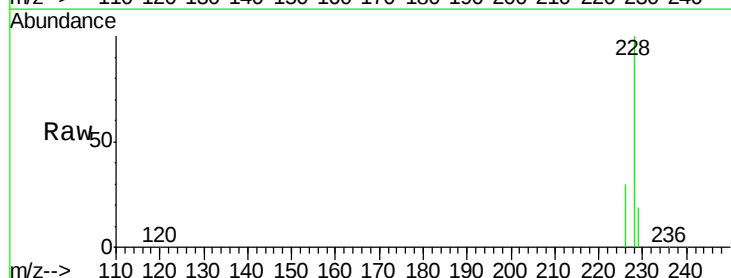
Tgt Ion:228 Resp: 95081

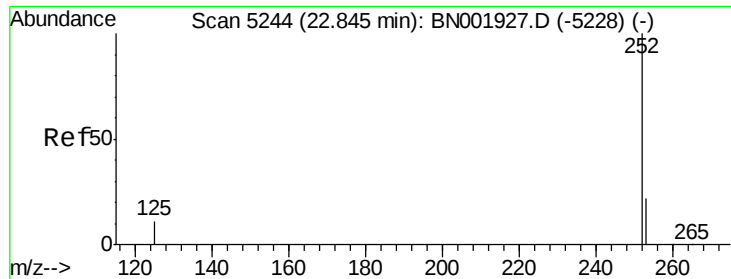
Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.0

229 19.5 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.511 ng/ul

RT: 22.89 min Scan# 5259

Delta R.T. 0.04 min

Lab File: BN001928.D

Acq: 02 Jul 2018 10:10

Instrument :

BNA_N

ClientSampleId :

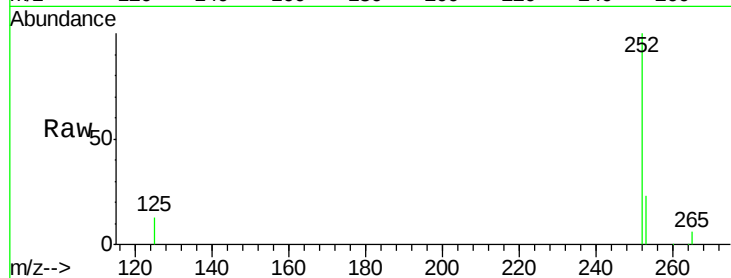
Tot Ion:252 Resp: 42768

Ion Ratio Lower Upper

252 100

253 22.9 0.0 64.2

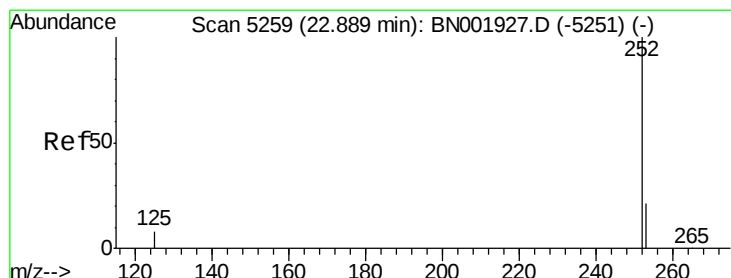
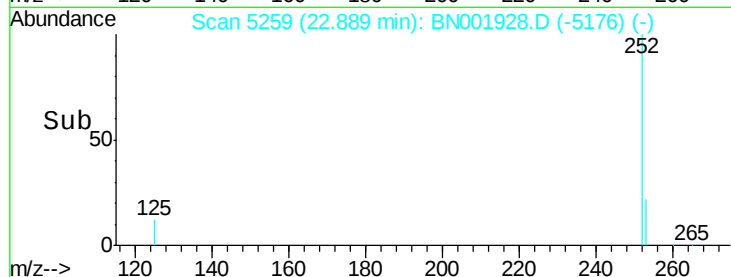
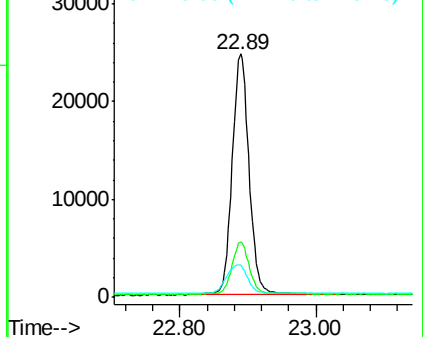
125 13.2 0.0 35.0



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



#22

Benzo(k)fluoranthene

Concen: 0.512 ng/ul

RT: 22.89 min Scan# 5259

Delta R.T. 0.00 min

Lab File: BN001928.D

Acq: 02 Jul 2018 10:10

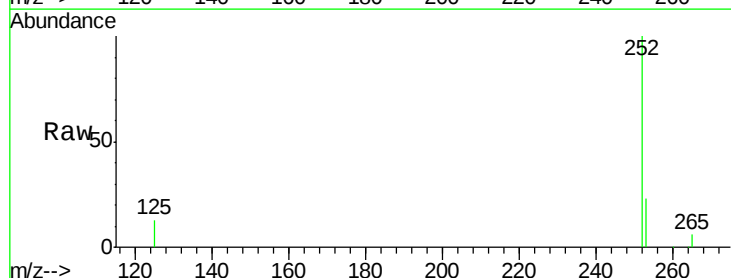
Tgt Ion:252 Resp: 42749

Ion Ratio Lower Upper

252 100

253 22.9 24.5 36.7#

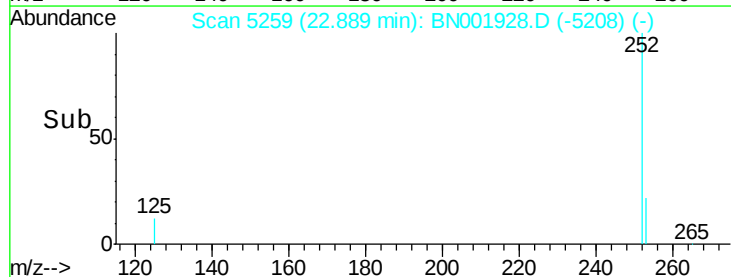
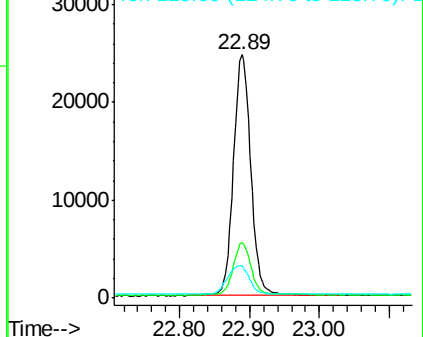
125 13.2 13.7 20.5#

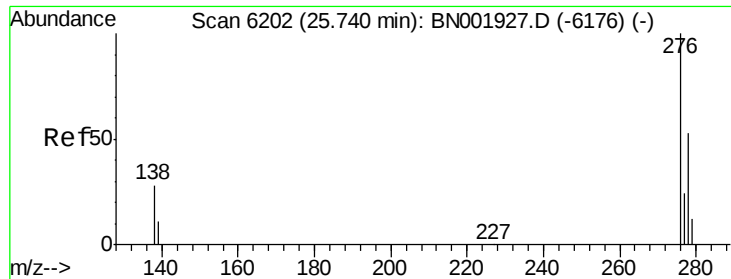


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.690 ng/ul

RT: 25.74 min Scan# 6201

Delta R.T. -0.00 min

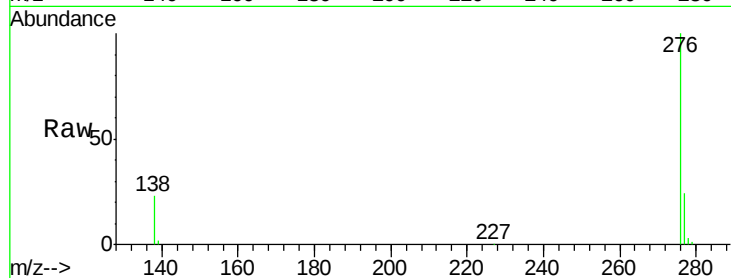
Lab File: BN001928.D

Acq: 02 Jul 2018 10:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 60234

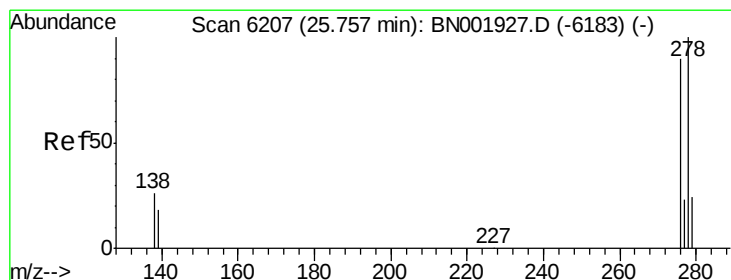
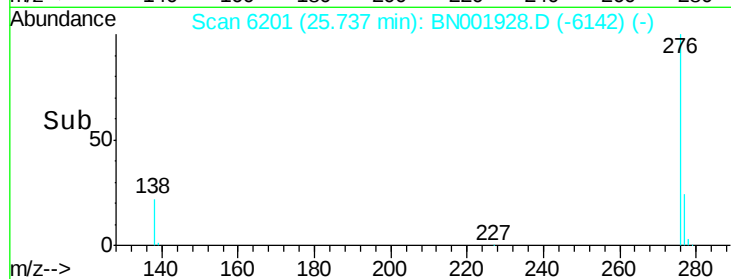
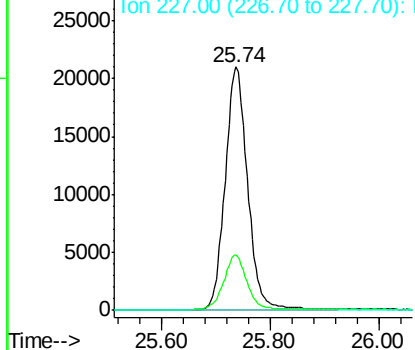
Ion	Ratio	Lower	Upper
276	100		
138	23.2	28.0	42.0#
227	0.1	0.8	1.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.029 ng/ul

RT: 25.74 min Scan# 6201

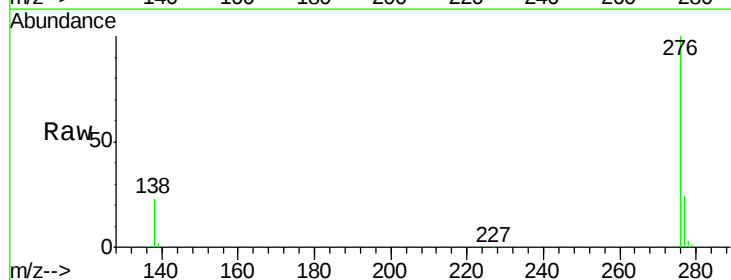
Delta R.T. -0.02 min

Lab File: BN001928.D

Acq: 02 Jul 2018 10:10

Tgt Ion:278 Resp: 2033

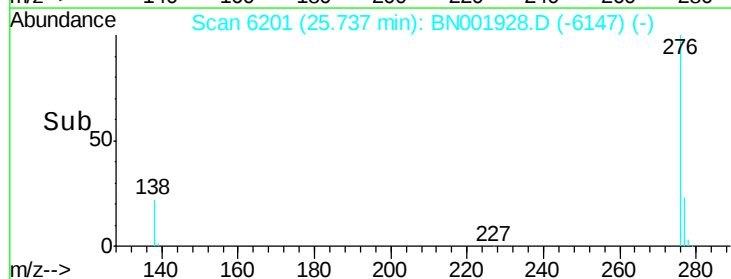
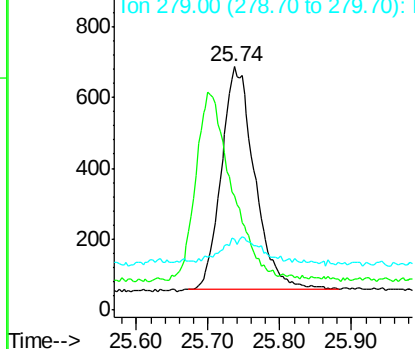
Ion	Ratio	Lower	Upper
278	100		
139	46.9	17.4	26.0#
279	29.3	25.9	38.9

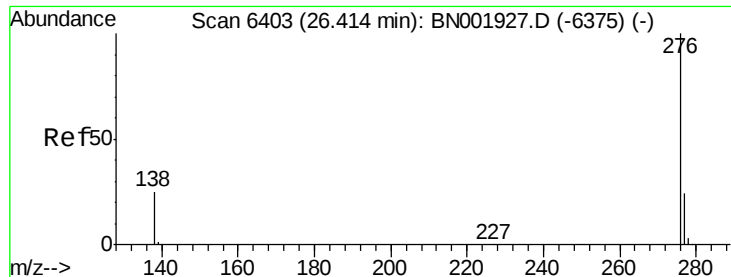


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.840 ng/ul

RT: 26.41 min Scan# 6403

Delta R.T. 0.00 min

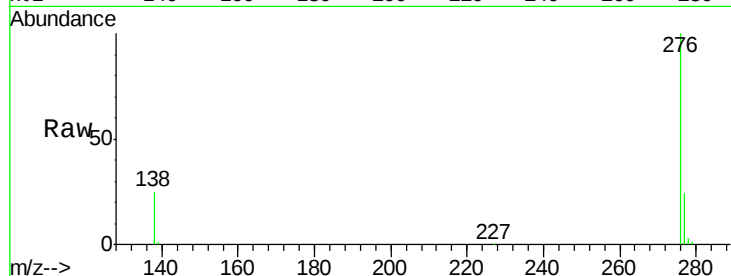
Lab File: BN001928.D

Acq: 02 Jul 2018 10:10

Instrument :

BNA_N

ClientSampleId :



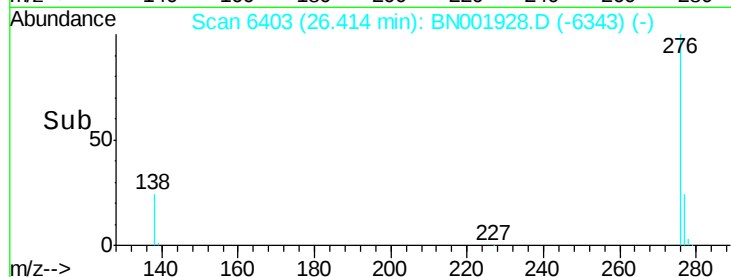
Tot Ion: 276 Resp: 62341

Ion Ratio Lower Upper

276 100

138 24.8 21.8 32.8

277 23.9 20.5 30.7



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

