

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070218\
 Data File : BN001930.D
 Acq On : 02 Jul 2018 12:11
 Operator : JU/SJ
 Sample : J3661-03DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2D21DL

Quant Time: Jul 03 02:07:37 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

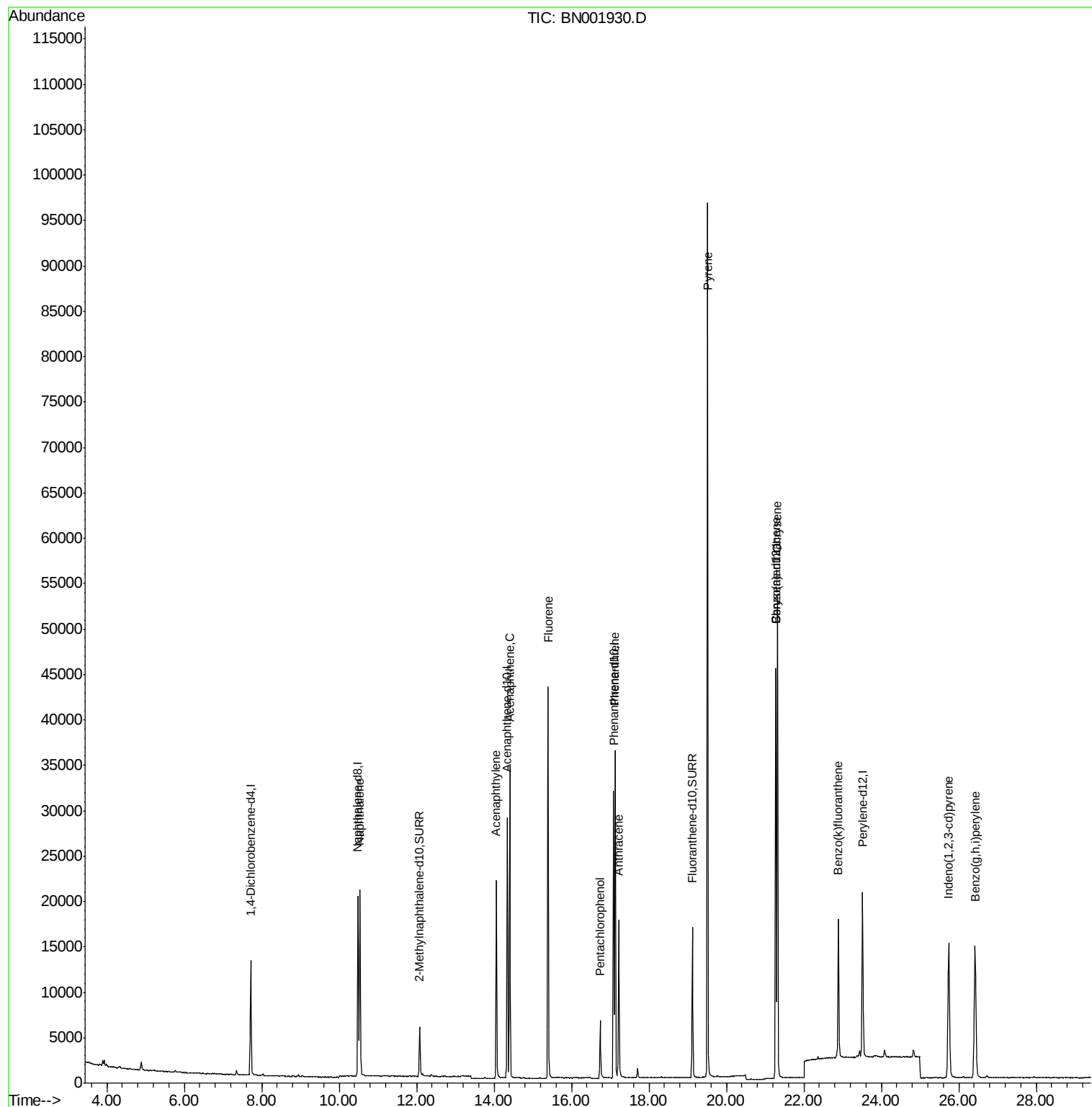
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	6671	0.40	ng/ul	0.00
2) Naphthalene-d8	10.48	136	26817	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.34	164	16129	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	38143	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	28984	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	23829	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.08	152	7847	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	18279	0.16	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.53	128	28859	0.418	ng/ul	96
7) Acenaphthylene	14.06	152	25715	0.326	ng/ul	95
8) Acenaphthene	14.40	153	20014	0.345	ng/ul	97
9) Fluorene	15.39	166	28100	0.415	ng/ul#	94
11) Pentachlorophenol	16.74	266	4628	0.641	ng/ul	97
12) Phenanthrene	17.12	178	38001	0.334	ng/ul#	89
13) Anthracene	17.22	178	19650	0.182	ng/ul#	92
17) Pyrene	19.51	202	82080	0.779	ng/ul	97
18) Benzo(a)anthracene	21.27	228	31918	0.318	ng/ul#	85
19) Chrysene	21.32	228	45772	0.459	ng/ul	97
22) Benzo(k)fluoranthene	22.89	252	20228	0.235	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.74	276	28407	0.315	ng/ul#	80
26) Benzo(g,h,i)perylene	26.42	276	30463	0.397	ng/ul	96

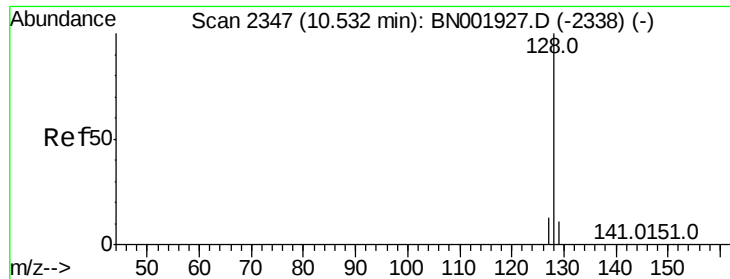
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#3

Naphthalene

Concen: 0.418 ng/ul

RT: 10.53 min Scan# 2347

Delta R.T. 0.00 min

Lab File: BN001930.D

Acq: 02 Jul 2018 12:11

Instrument :

BNA_N

ClientSampleId :

X2D21DL

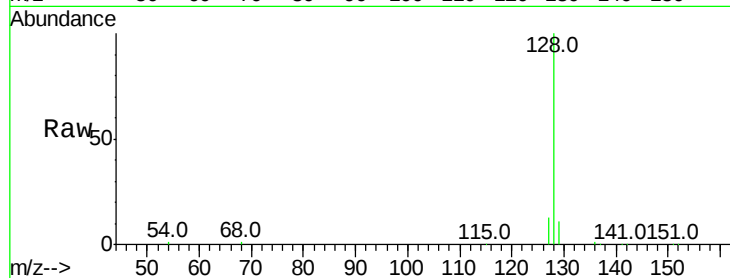
Tot Ion:128 Resp: 28859

Ion Ratio Lower Upper

128 100

129 11.1 8.0 12.0

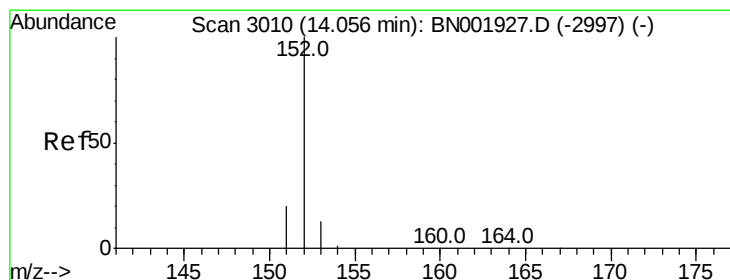
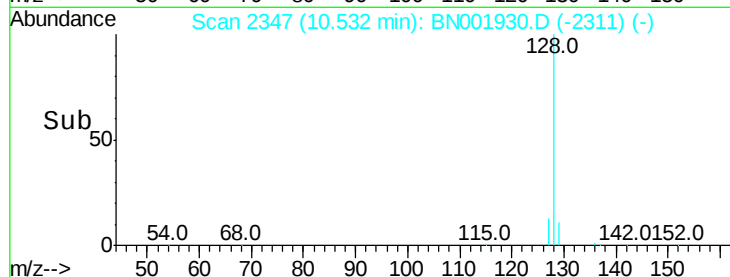
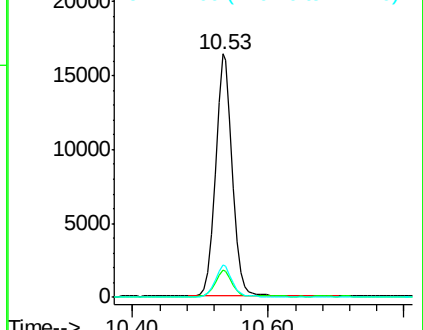
127 13.4 12.0 18.0



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: 0.326 ng/ul

RT: 14.06 min Scan# 3010

Delta R.T. 0.00 min

Lab File: BN001930.D

Acq: 02 Jul 2018 12:11

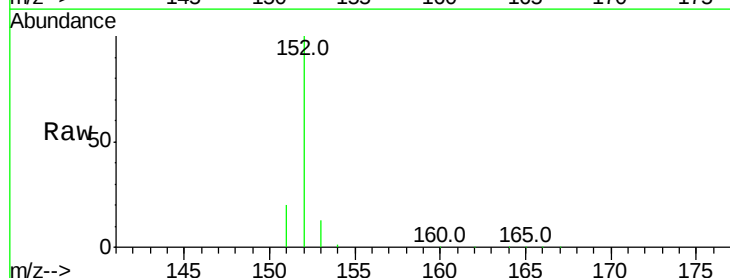
Tgt Ion:152 Resp: 25715

Ion Ratio Lower Upper

152 100

151 19.8 17.1 25.7

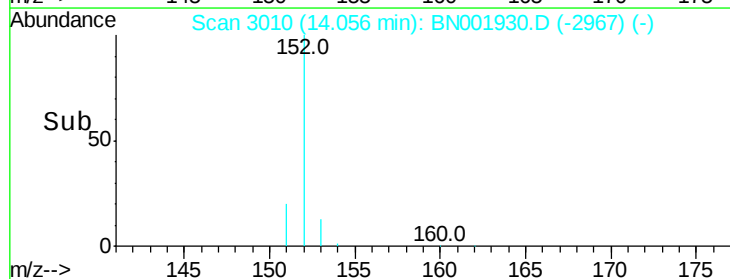
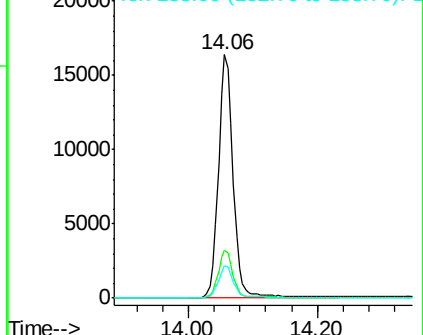
153 13.3 12.8 19.2

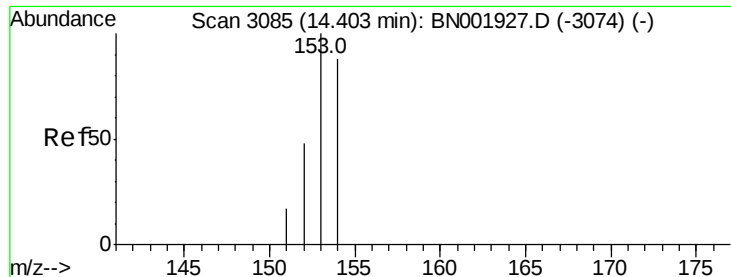


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.345 ng/ul

RT: 14.40 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BN001930.D

Acq: 02 Jul 2018 12:11

Instrument :

BNA_N

ClientSampleId :

X2D21DL

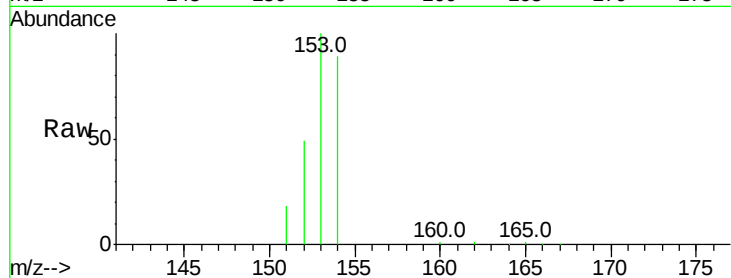
Tot Ion:153 Resp: 20014

Ion Ratio Lower Upper

153 100

152 48.7 36.0 54.0

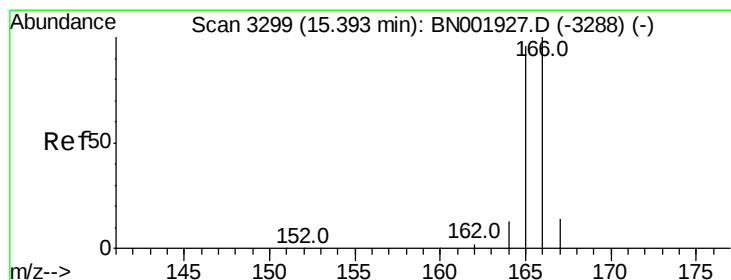
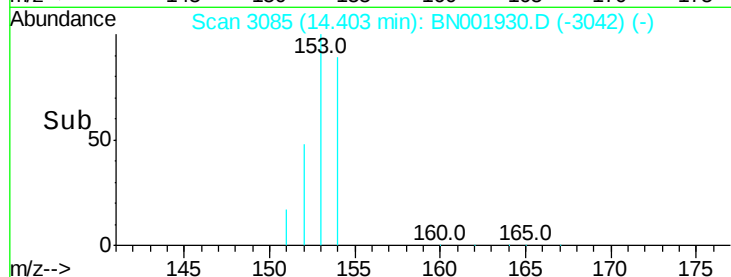
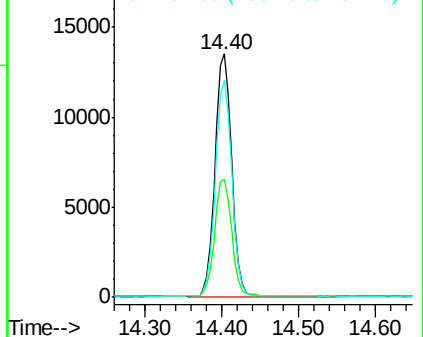
154 89.1 72.0 108.0



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: 0.415 ng/ul

RT: 15.39 min Scan# 3299

Delta R.T. 0.00 min

Lab File: BN001930.D

Acq: 02 Jul 2018 12:11

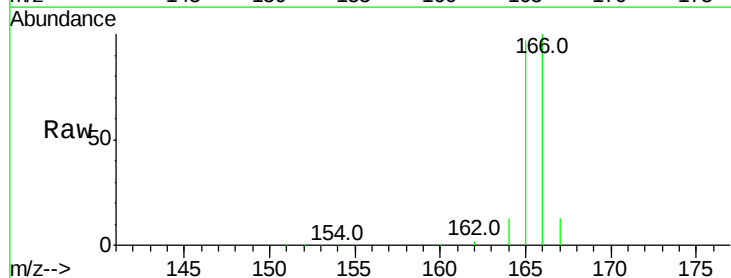
Tgt Ion:166 Resp: 28100

Ion Ratio Lower Upper

166 100

165 96.9 73.4 110.2

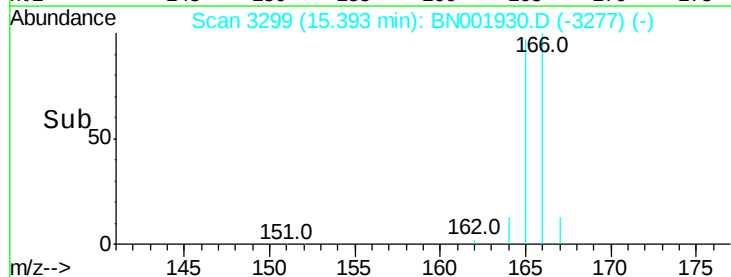
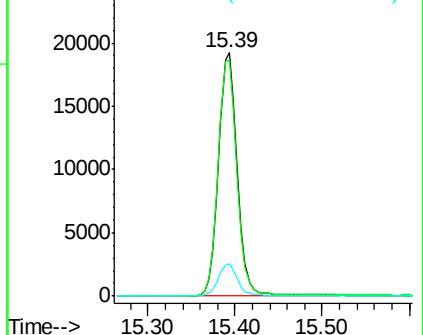
167 13.3 14.6 22.0#

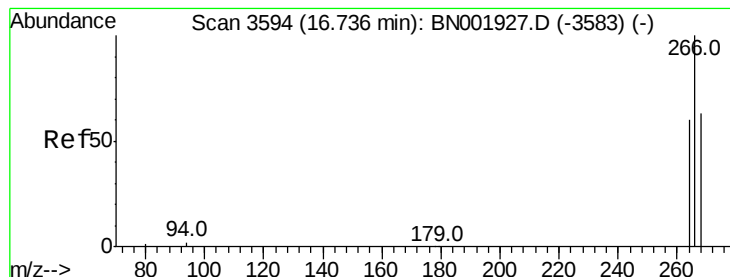


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#11

Pentachlorophenol

Concen: 0.641 ng/ul

RT: 16.74 min Scan# 3594

Delta R.T. 0.00 min

Lab File: BN001930.D

Acq: 02 Jul 2018 12:11

Instrument :

BNA_N

ClientSampleId :

X2D21DL

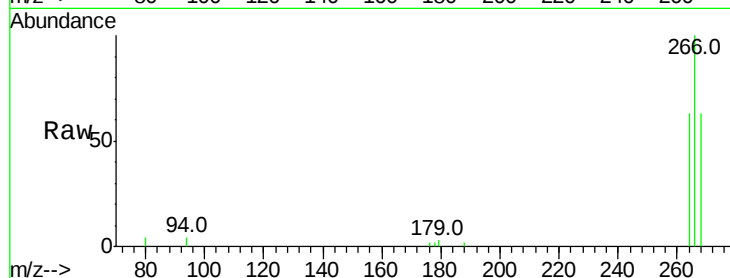
Tot Ion:266 Resp: 4628

Ion Ratio Lower Upper

266 100

264 62.9 47.9 71.9

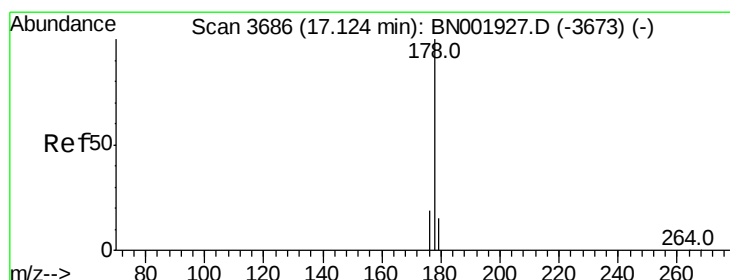
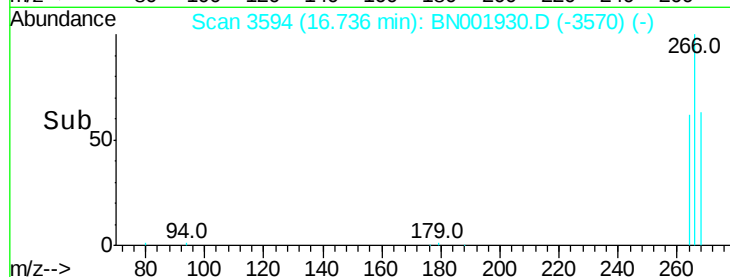
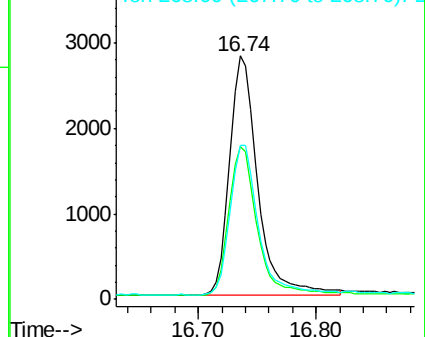
268 63.5 49.8 74.8



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#12

Phenanthrene

Concen: 0.334 ng/ul

RT: 17.12 min Scan# 3686

Delta R.T. 0.00 min

Lab File: BN001930.D

Acq: 02 Jul 2018 12:11

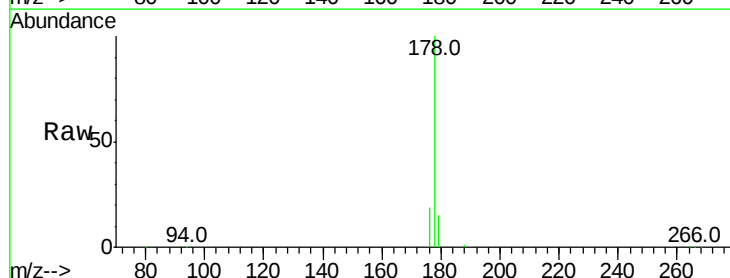
Tgt Ion:178 Resp: 38001

Ion Ratio Lower Upper

178 100

179 15.3 18.4 27.6#

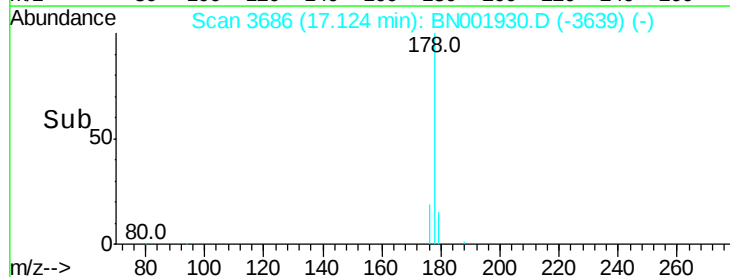
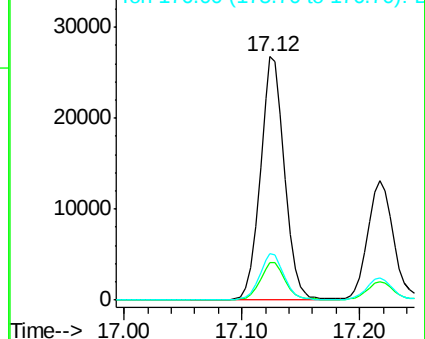
176 19.3 13.6 20.4

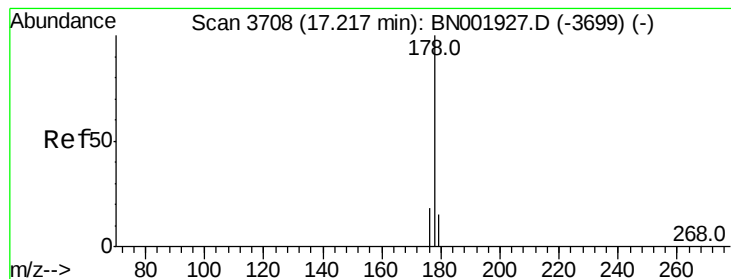


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

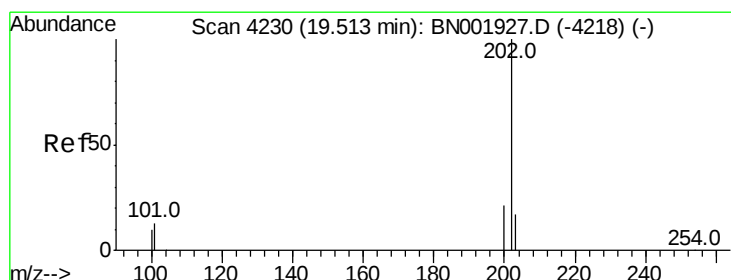
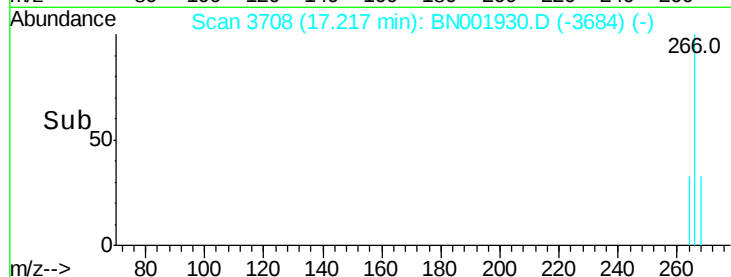
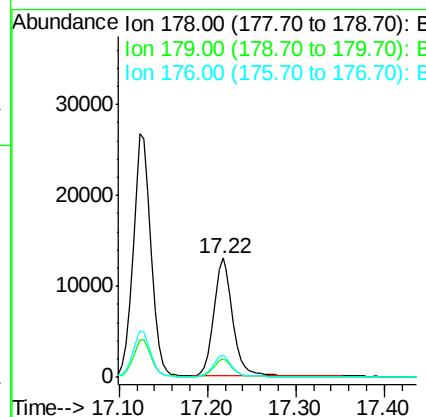
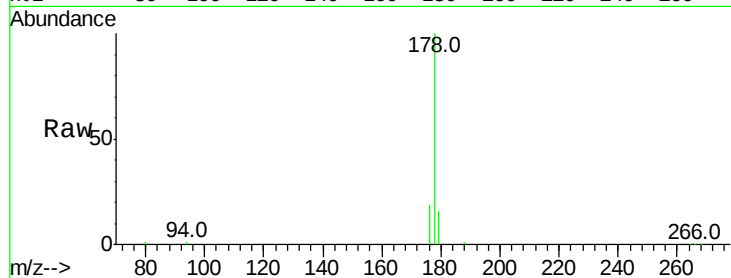




#13
 Anthracene
 Concen: 0.182 ng/ul
 RT: 17.22 min Scan# 3708
 Delta R.T. 0.00 min
 Lab File: BN001930.D
 Acq: 02 Jul 2018 12:11

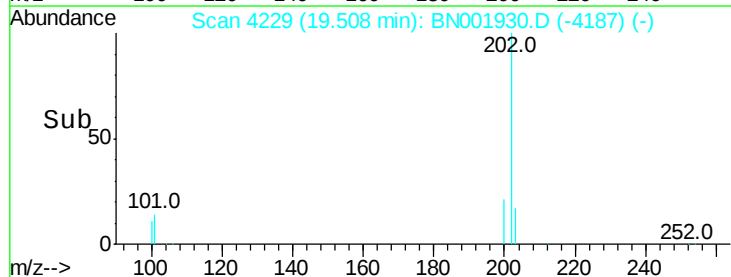
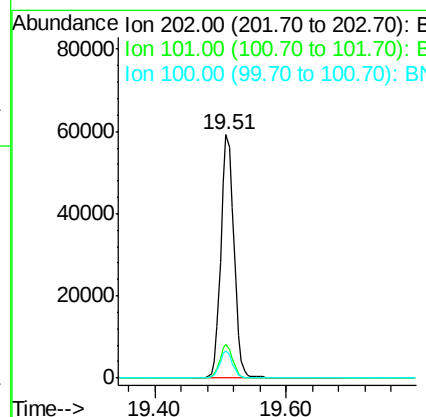
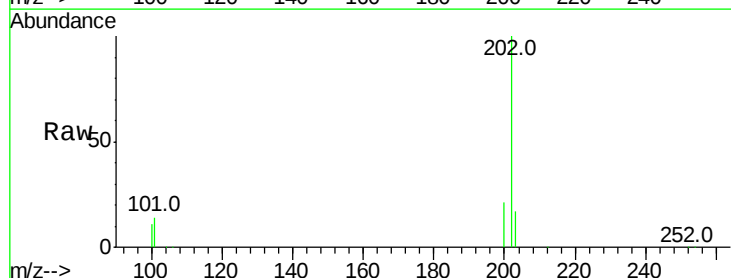
Instrument :
 BNA_N
 ClientSampleId :
 X2D21DL

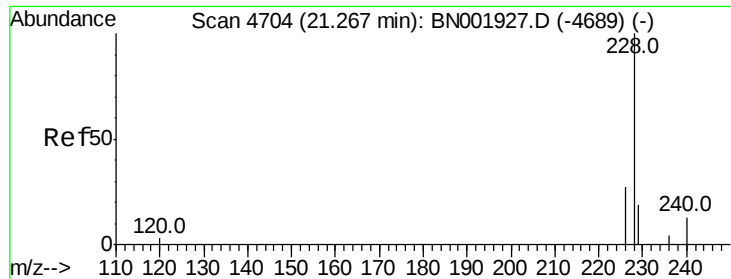
Tot Ion:178 Resp: 19650
 Ion Ratio Lower Upper
 178 100
 179 15.8 18.1 27.1#
 176 18.7 14.7 22.1



#17
 Pyrene
 Concen: 0.779 ng/ul
 RT: 19.51 min Scan# 4229
 Delta R.T. -0.00 min
 Lab File: BN001930.D
 Acq: 02 Jul 2018 12:11

Tgt Ion:202 Resp: 82080
 Ion Ratio Lower Upper
 202 100
 101 13.7 12.0 18.0
 100 11.1 8.0 12.0





#18

Benzo(a)anthracene

Concen: 0.318 ng/ul

RT: 21.27 min Scan# 4704

Delta R.T. 0.00 min

Lab File: BN001930.D

Acq: 02 Jul 2018 12:11

Instrument :

BNA_N

ClientSampleId :

X2D21DL

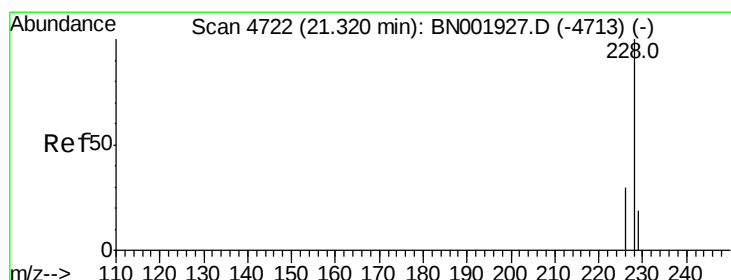
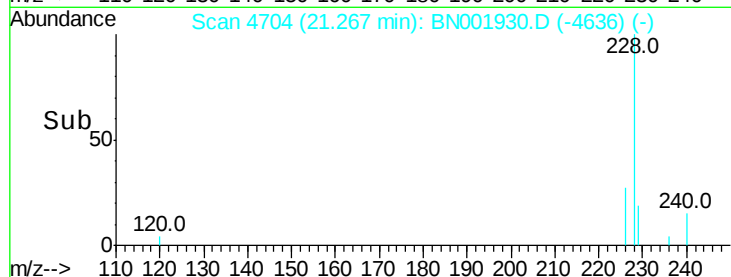
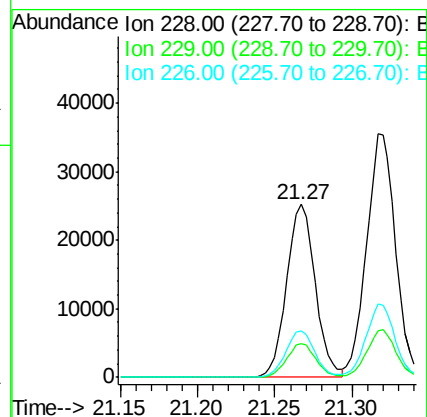
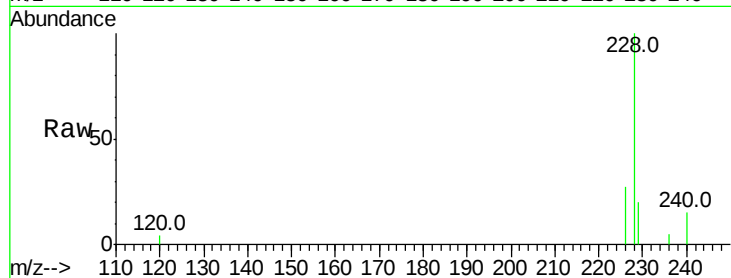
Tot Ion:228 Resp: 31918

Ion Ratio Lower Upper

228 100

229 19.6 22.8 34.2#

226 27.1 17.0 25.6#



#19

Chrysene

Concen: 0.459 ng/ul

RT: 21.32 min Scan# 4721

Delta R.T. -0.00 min

Lab File: BN001930.D

Acq: 02 Jul 2018 12:11

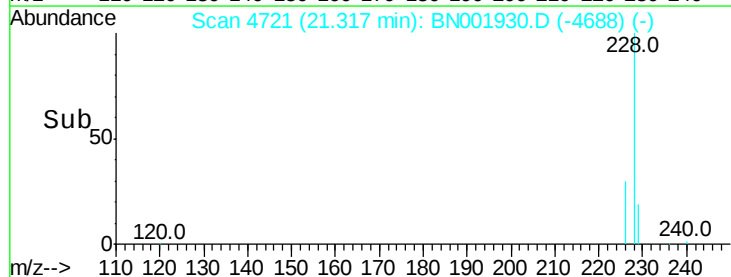
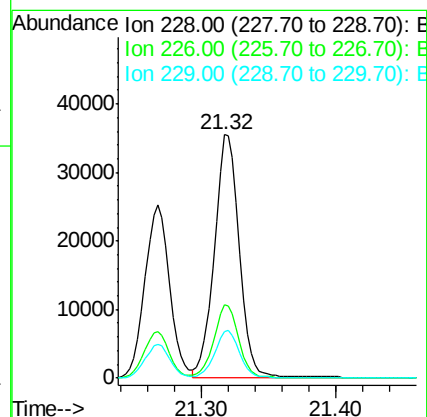
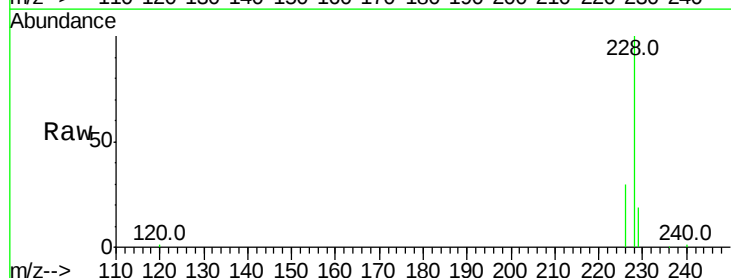
Tgt Ion:228 Resp: 45772

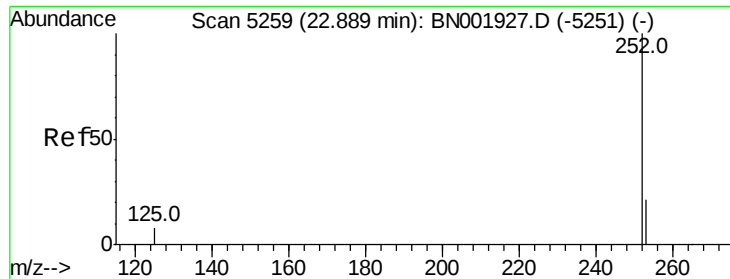
Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.0

229 19.3 17.7 26.5





#22

Benzo(k)fluoranthene

Concen: 0.235 ng/u1

RT: 22.89 min Scan# 5260

Delta R.T. 0.00 min

Lab File: BN001930.D

Acq: 02 Jul 2018 12:11

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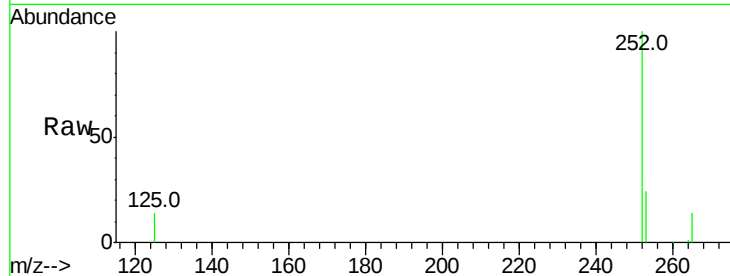
Tot Ion:252 Resp: 20228

Ion Ratio Lower Upper

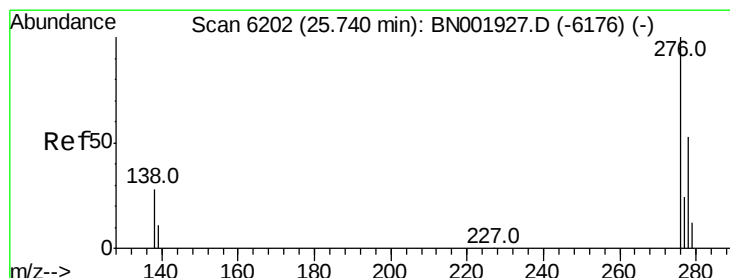
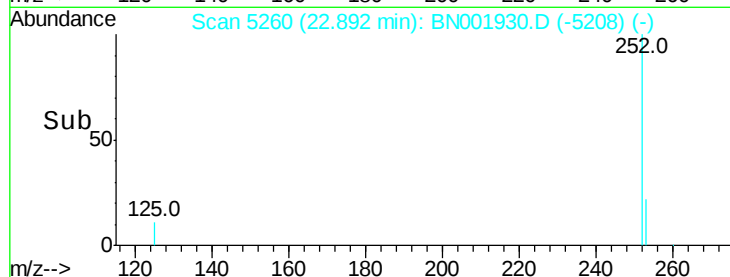
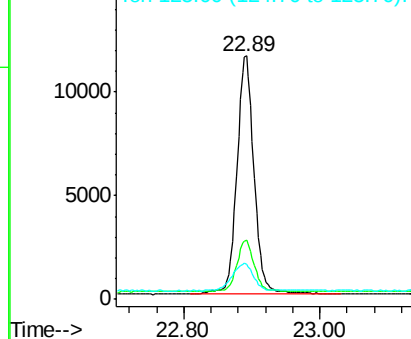
252 100

253 24.4 24.5 36.7#

125 14.1 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: 0.315 ng/u1

RT: 25.74 min Scan# 6201

Delta R.T. -0.00 min

Lab File: BN001930.D

Acq: 02 Jul 2018 12:11

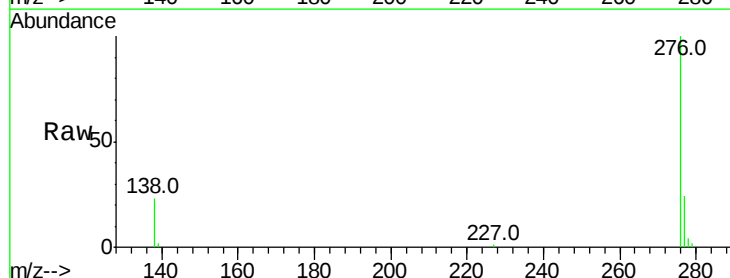
Tgt Ion:276 Resp: 28407

Ion Ratio Lower Upper

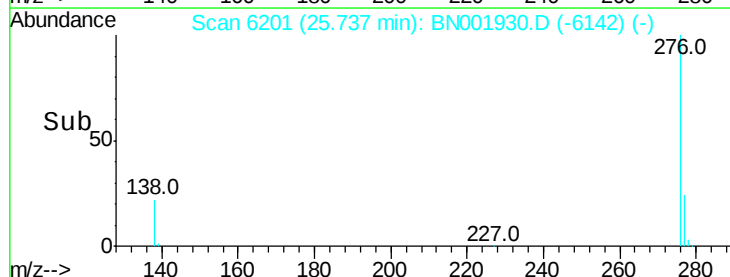
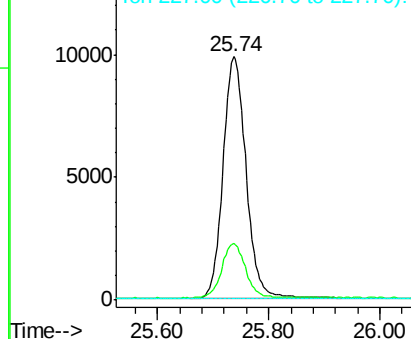
276 100

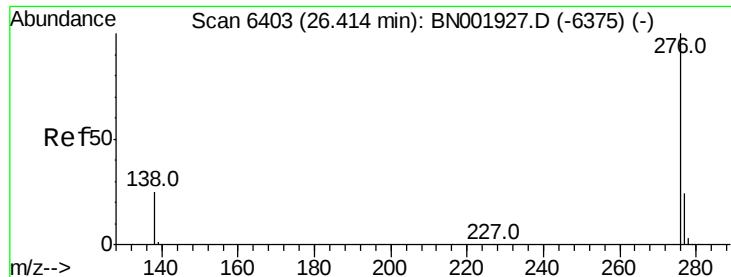
138 23.2 28.0 42.0#

227 0.0 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





#26

Benzo(a,h,i)perylene

Concen: 0.397 ng/ul

RT: 26.42 min Scan# 6405

Delta R.T. 0.01 min

Lab File: BN001930.D

Acq: 02 Jul 2018 12:11

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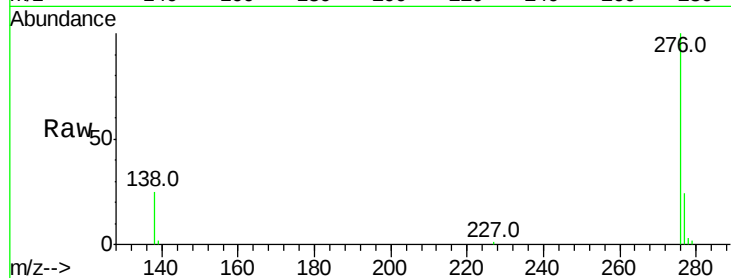
Tot Ion:276 Resp: 30463

Ion Ratio Lower Upper

276 100

138 25.4 21.8 32.8

277 23.6 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

