

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061318\
 Data File : BN001840.D
 Acq On : 13 Jun 2018 13:26
 Operator : JU/SJ
 Sample : J3375-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAWR7

Quant Time: Jun 13 17:15:41 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 : Wed Jun 13 12:02:12 2018
 Response via : Initial Calibration

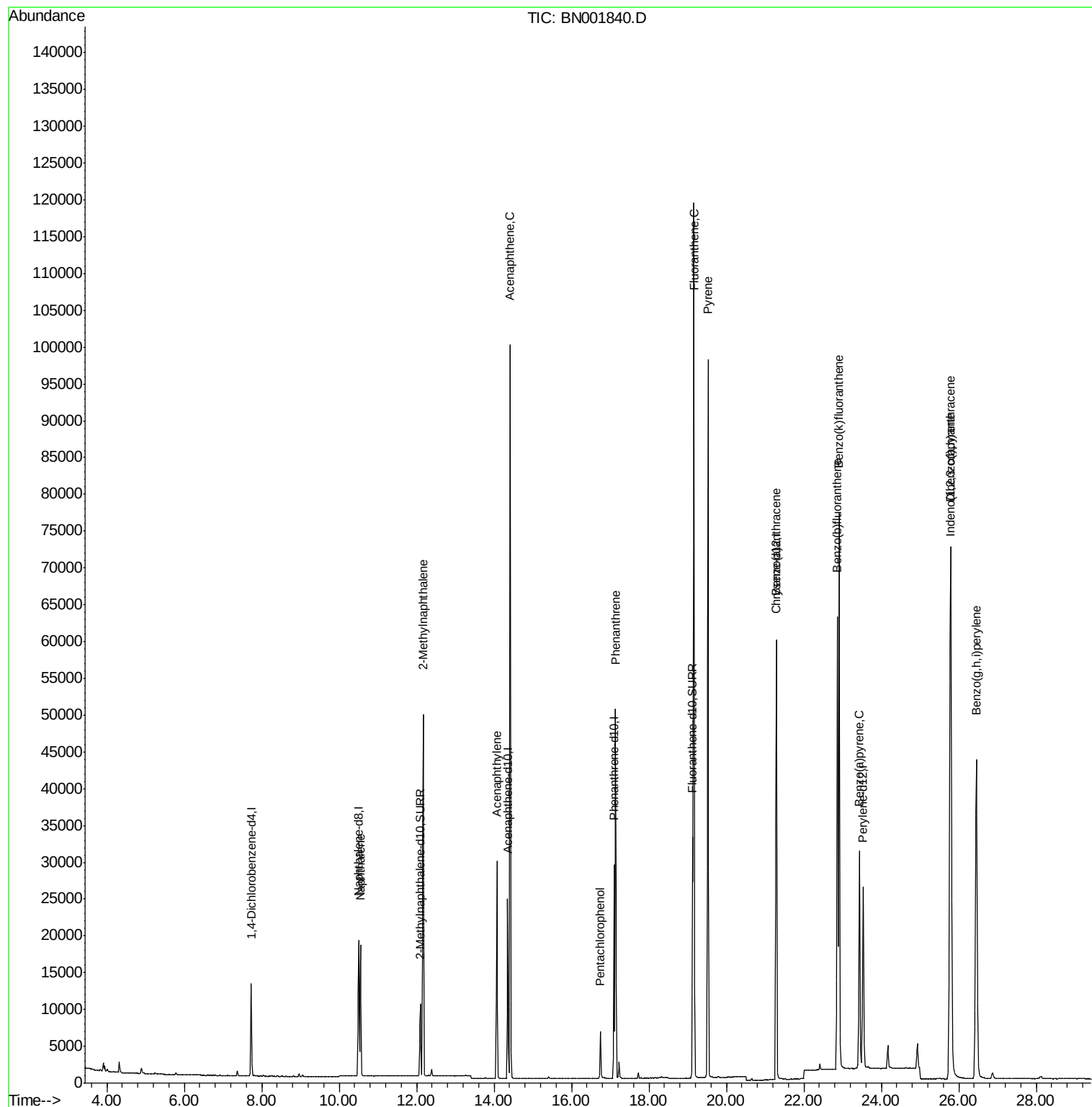
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	6341	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	23717	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	13323	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	32522	0.40	ng/ul	0.00
16) Chrysene-d12	21.30	240	31097	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	31919	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	12876	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	35058	0.36	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.55	128	24122	0.395	ng/ul	96
5) 2-Methylnaphthalene	12.17	142	35507	0.813	ng/ul	98
7) Acenaphthylene	14.07	152	33163	0.509	ng/ul	95
8) Acenaphthene	14.41	153	58193	1.215	ng/ul	96
11) Pentachlorophenol	16.74	266	4421	0.718	ng/ul	98
12) Phenanthrene	17.14	178	51975	0.536	ng/ul#	89
15) Fluoranthene	19.16	202	100666	0.874	ng/ul	96
17) Pyrene	19.52	202	81270	0.719	ng/ul	97
18) Benzo(a)anthracene	21.28	228	46442	0.432	ng/ul#	84
21) Benzo(b)fluoranthene	22.87	252	75858	0.655	ng/ul	84
22) Benzo(k)fluoranthene	22.91	252	96302	0.834	ng/ul#	86
23) Benzo(a)pyrene	23.44	252	42756	0.398	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.77	276	82109	0.680	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.79	278	83143	0.863	ng/ul#	90
26) Benzo(g,h,i)perylene	26.45	276	88003	0.857	ng/ul	96

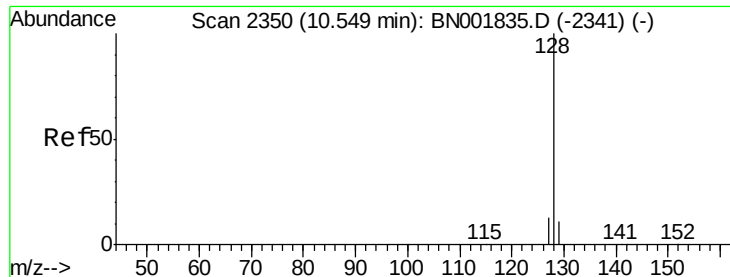
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 13 12:02:12 2018
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#3

Naphthalene

Concen: 0.395 ng/ul

RT: 10.55 min Scan# 2350

Delta R.T. -0.00 min

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Acq: 13 Jun 2018 13:26

Instrument :

BNA_N

ClientSampleId :

DAWR7

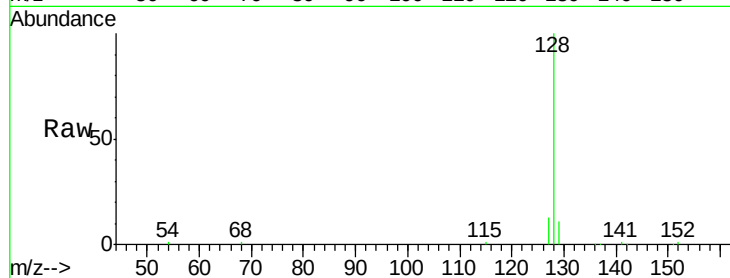
Tgt Ion:128 Resp: 24122

Ion Ratio Lower Upper

128 100

129 11.2 8.0 12.0

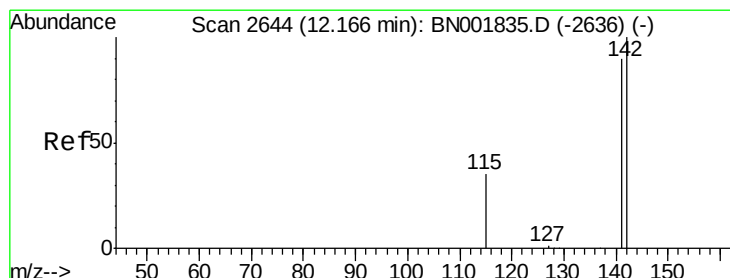
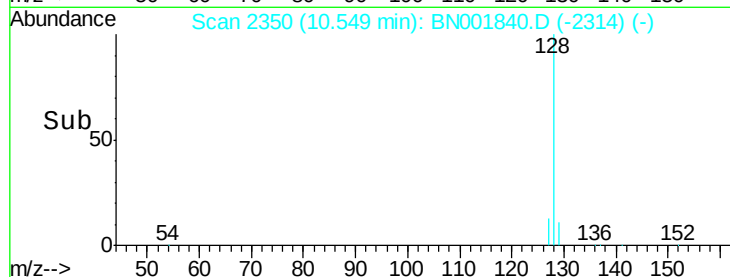
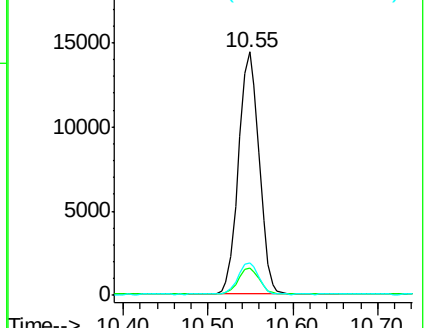
127 13.3 12.0 18.0



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



#5

2-Methylnaphthalene

Concen: 0.813 ng/ul

RT: 12.17 min Scan# 2644

Delta R.T. -0.00 min

Lab File: BN001840.D

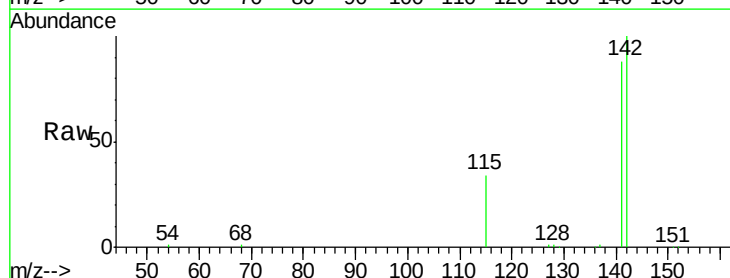
Acq: 13 Jun 2018 13:26

Tgt Ion:142 Resp: 35507

Ion Ratio Lower Upper

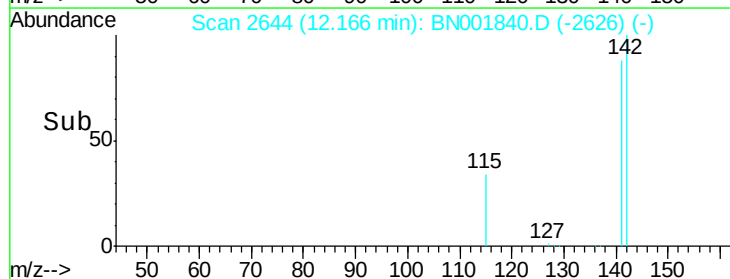
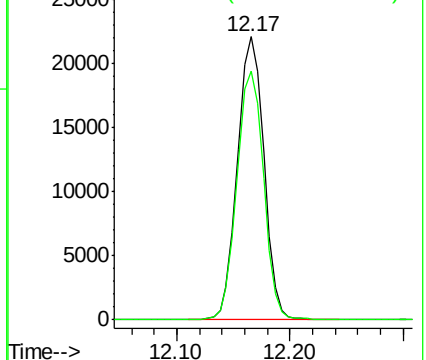
142 100

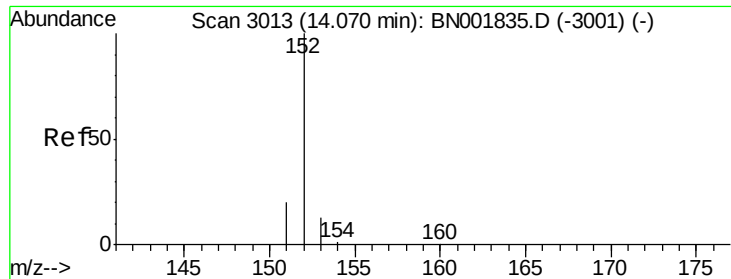
141 88.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.509 ng/ul

RT: 14.07 min Scan# 3013

Delta R.T. -0.00 min

Lab File: BN001840.D

Acq: 13 Jun 2018 13:26

Instrument :

BNA_N

ClientSampleId :

DAWR7

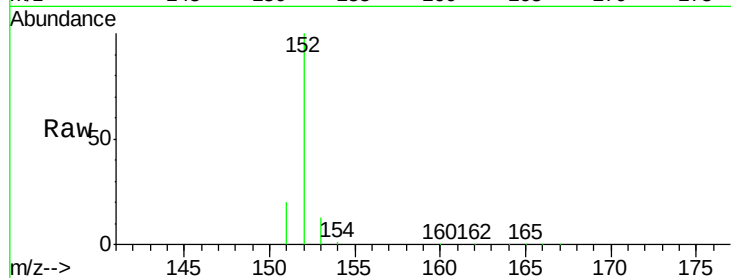
Tgt Ion:152 Resp: 33163

Ion Ratio Lower Upper

152 100

151 19.7 17.1 25.7

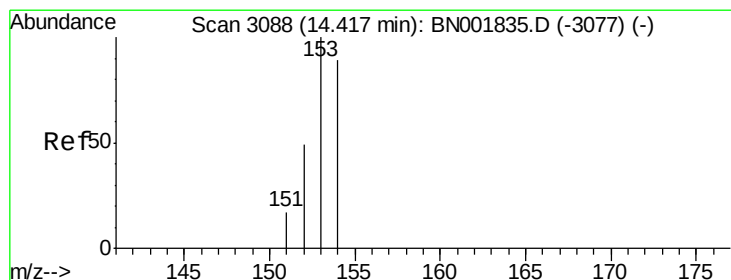
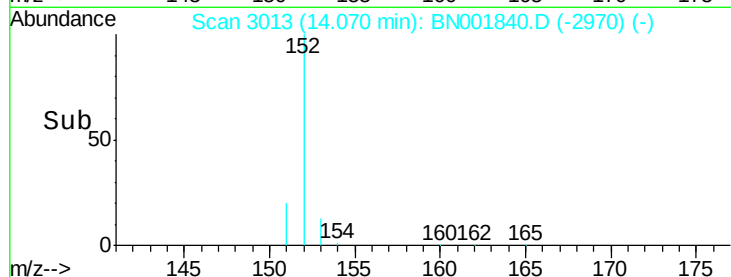
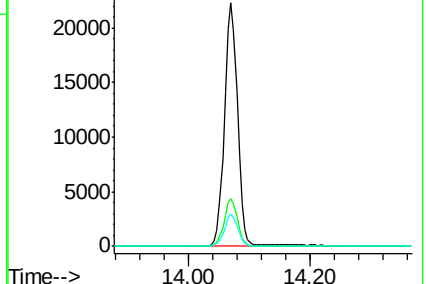
153 13.1 12.8 19.2



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: 1.215 ng/ul

RT: 14.41 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BN001840.D

Acq: 13 Jun 2018 13:26

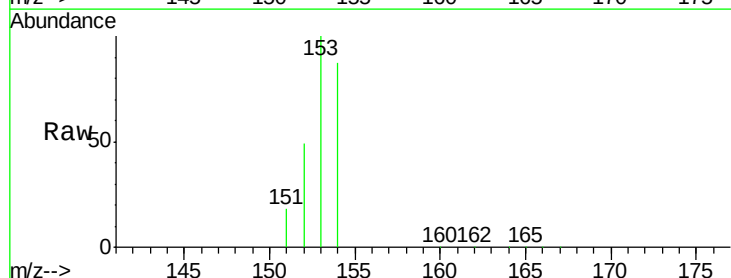
Tgt Ion:153 Resp: 58193

Ion Ratio Lower Upper

153 100

152 49.1 36.0 54.0

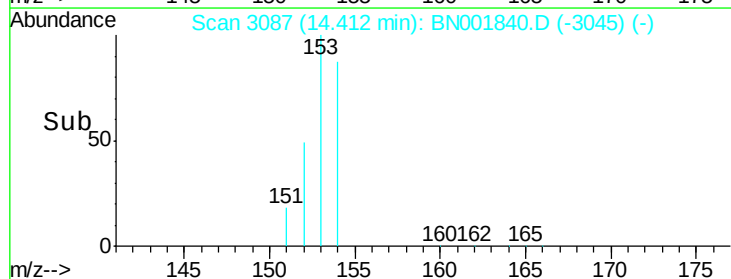
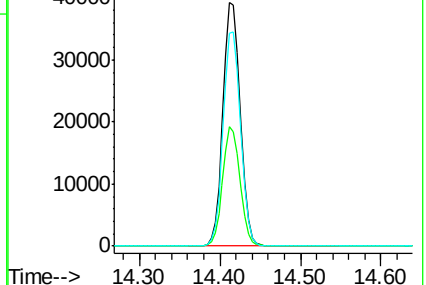
154 87.5 72.0 108.0

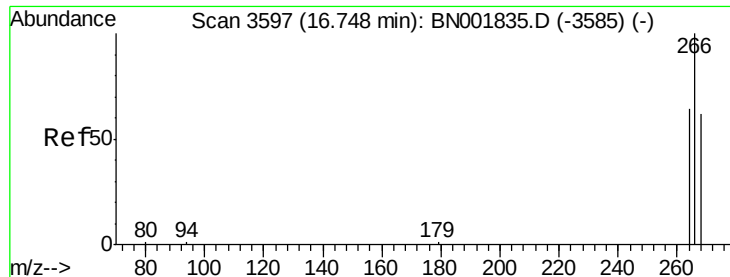


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

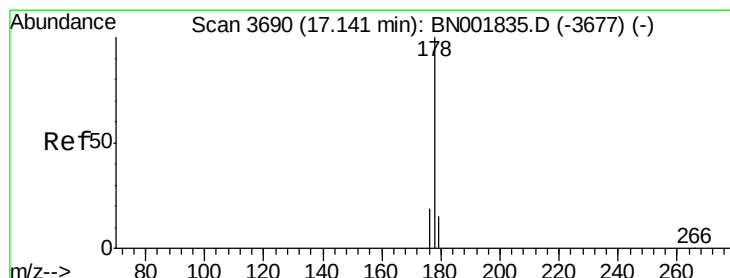
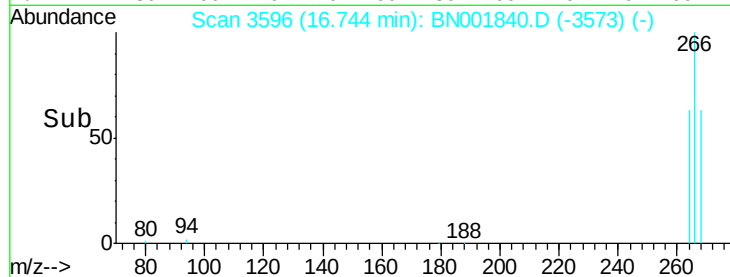
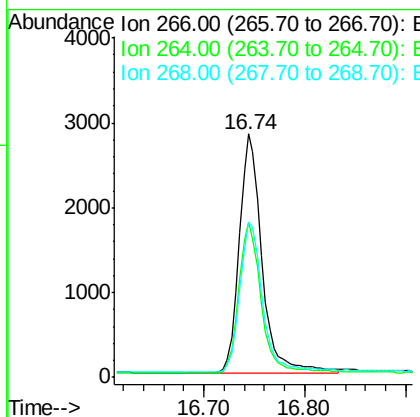
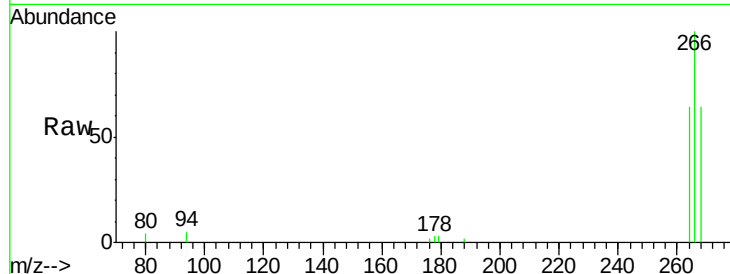




#11
 Pentachlorophenol
 Concen: 0.718 ng/ul
 RT: 16.74 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: BN001840.D
 Acq: 13 Jun 2018 13:26

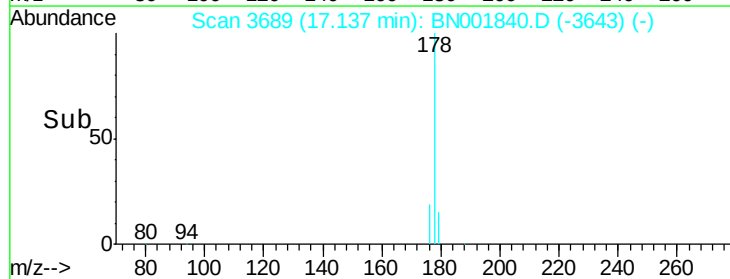
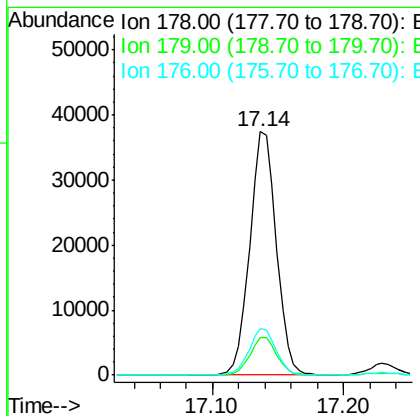
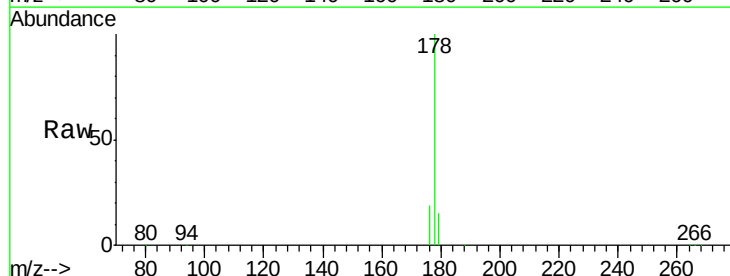
Instrument :
 BNA_N
 ClientSampleId :
 DAWR7

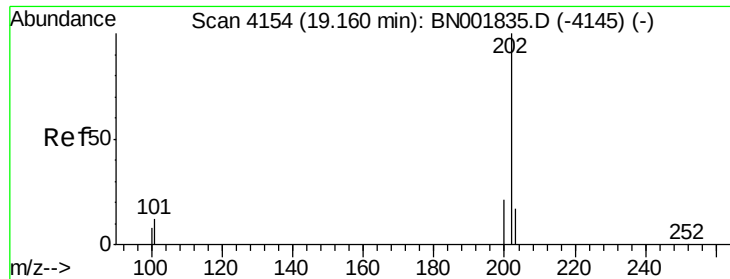
Tgt Ion: 266 Resp: 4421
 Ion Ratio Lower Upper
 266 100
 264 62.6 47.9 71.9
 268 63.4 49.8 74.8



#12
 Phenanthrene
 Concen: 0.536 ng/ul
 RT: 17.14 min Scan# 3689
 Delta R.T. -0.00 min
 Lab File: BN001840.D
 Acq: 13 Jun 2018 13:26

Tgt Ion: 178 Resp: 51975
 Ion Ratio Lower Upper
 178 100
 179 15.3 18.4 27.6#
 176 19.2 13.6 20.4

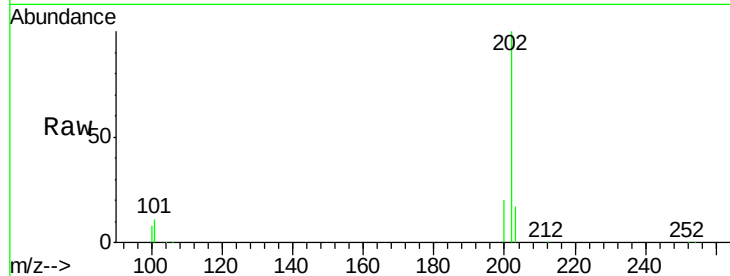




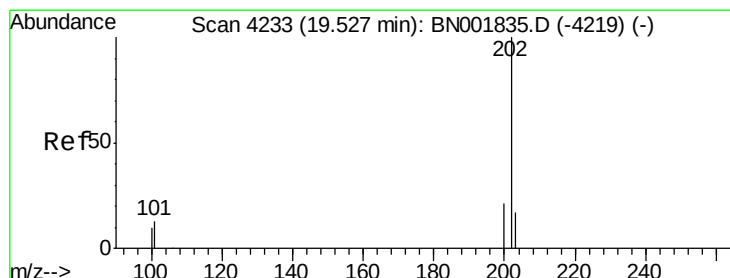
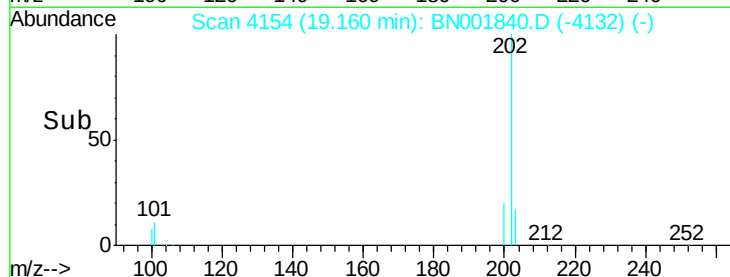
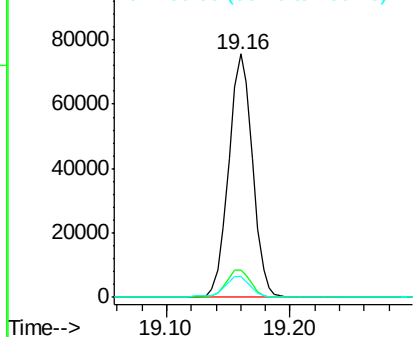
#15
Fluoranthene
 Concen: 0.874 ng/ul
 RT: 19.16 min Scan# 4154
 Delta R.T. -0.00 min
 Lab File: BN001840.D
 Acq: 13 Jun 2018 13:26

Instrument :
 BNA_N
 ClientSampleId :
 DAWR7

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	100666		
101	11.3		0.0	30.0
100	8.5		0.0	30.0

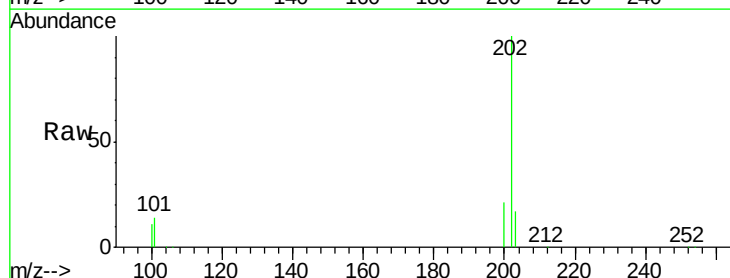


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

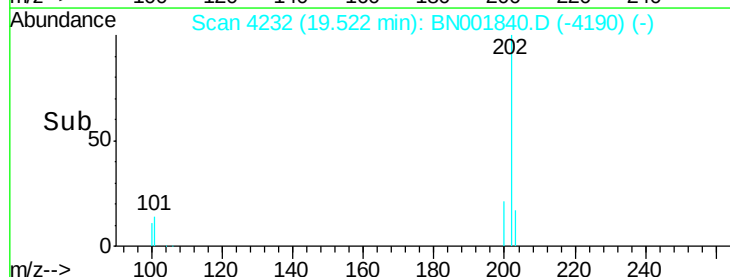
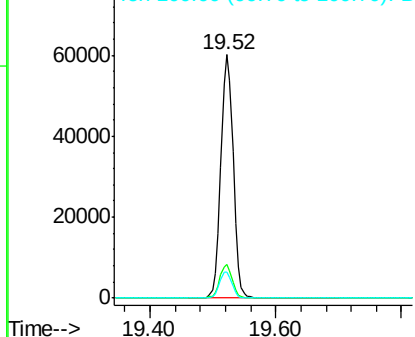


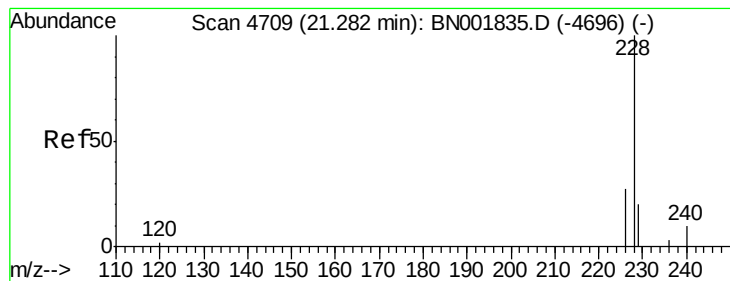
#17
Pyrene
 Concen: 0.719 ng/ul
 RT: 19.52 min Scan# 4232
 Delta R.T. -0.00 min
 Lab File: BN001840.D
 Acq: 13 Jun 2018 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	81270		
101	13.8		12.0	18.0
100	10.9		8.0	12.0



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: 0.432 ng/ul

RT: 21.28 min Scan# 4708

Delta R.T. -0.00 min

Lab File: BN001840.D

Acq: 13 Jun 2018 13:26

Instrument :

BNA_N

ClientSampleId :

DAWR7

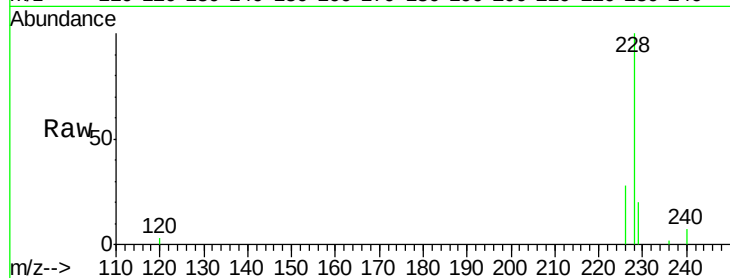
Tgt Ion:228 Resp: 46442

Ion Ratio Lower Upper

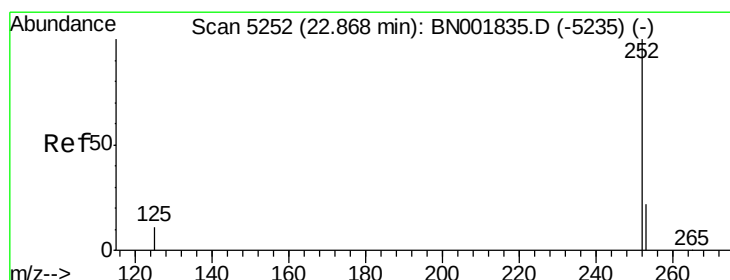
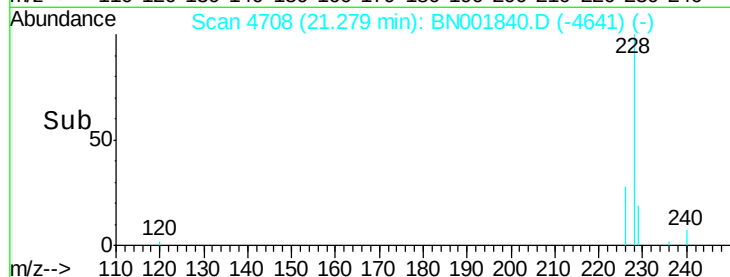
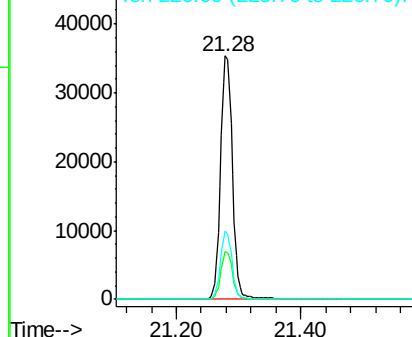
228 100

229 19.5 22.8 34.2#

226 28.0 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#21

Benzo(b)fluoranthene

Concen: 0.655 ng/ul

RT: 22.87 min Scan# 5251

Delta R.T. -0.00 min

Lab File: BN001840.D

Acq: 13 Jun 2018 13:26

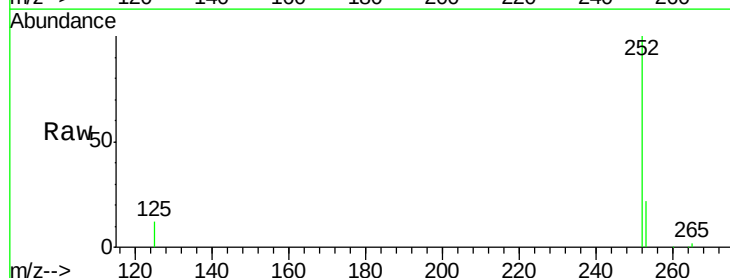
Tgt Ion:252 Resp: 75858

Ion Ratio Lower Upper

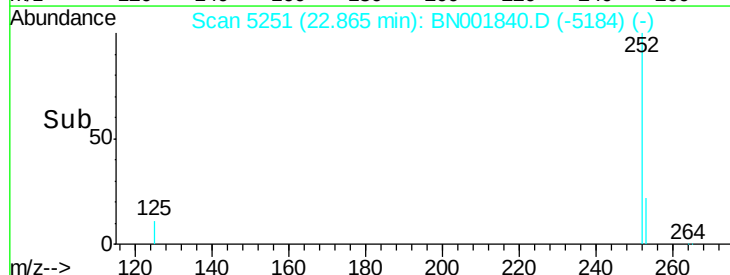
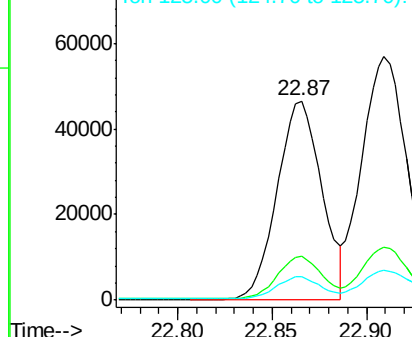
252 100

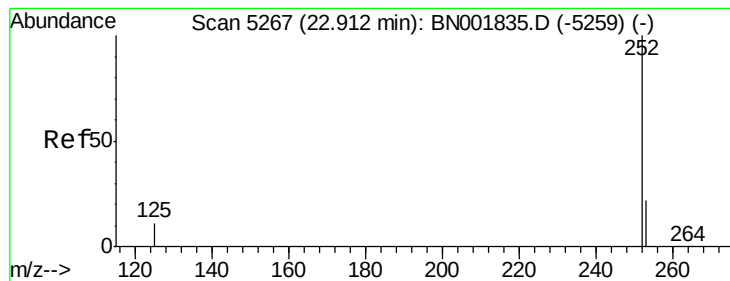
253 22.0 0.0 64.2

125 11.7 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: 0.834 ng/ul

RT: 22.91 min Scan# 5266

Delta R.T. -0.00 min

Lab File: BN001840.D

Acq: 13 Jun 2018 13:26

Instrument :

BNA_N

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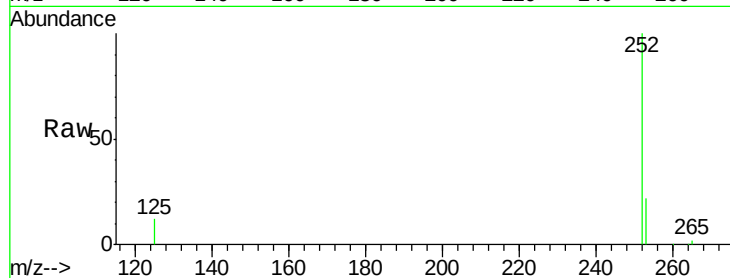
Tgt Ion:252 Resp: 96302

Ion Ratio Lower Upper

252 100

253 22.0 24.5 36.7#

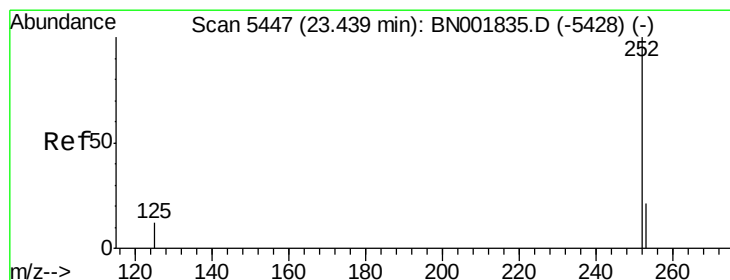
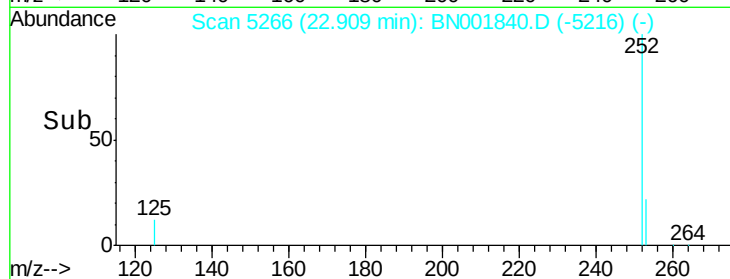
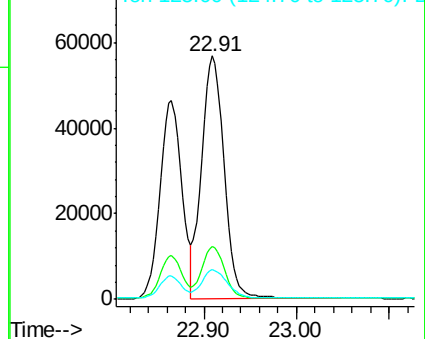
125 12.1 13.7 20.5#



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



#23

Benzo(a)pyrene

Concen: 0.398 ng/ul

RT: 23.44 min Scan# 5446

Delta R.T. -0.00 min

Lab File: BN001840.D

Acq: 13 Jun 2018 13:26

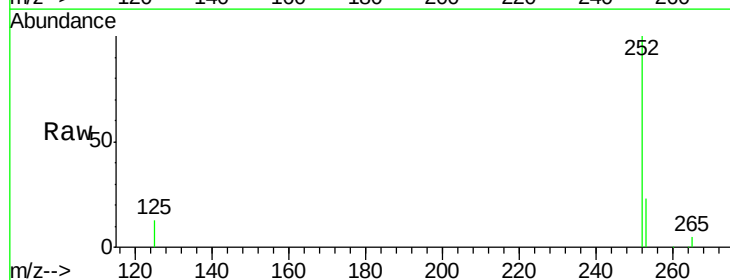
Tgt Ion:252 Resp: 42756

Ion Ratio Lower Upper

252 100

253 22.9 16.0 24.0

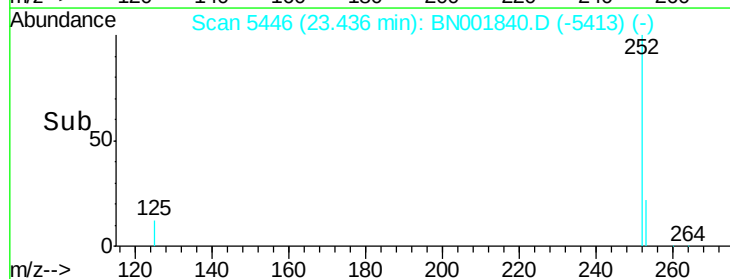
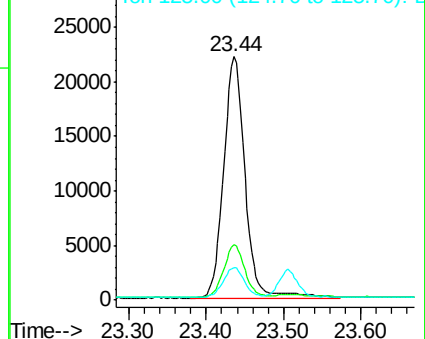
125 13.4 12.0 18.0

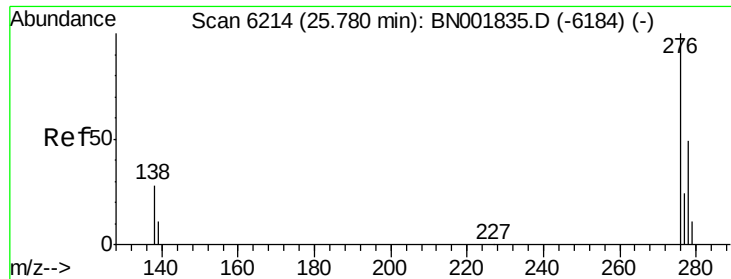


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

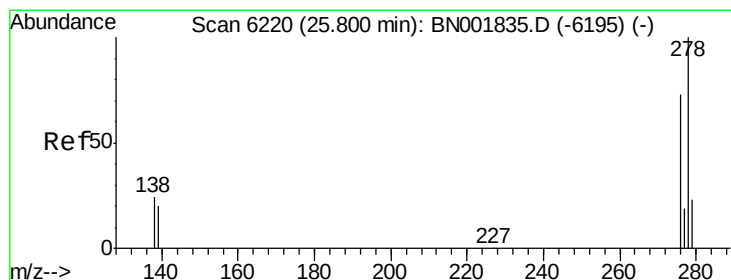
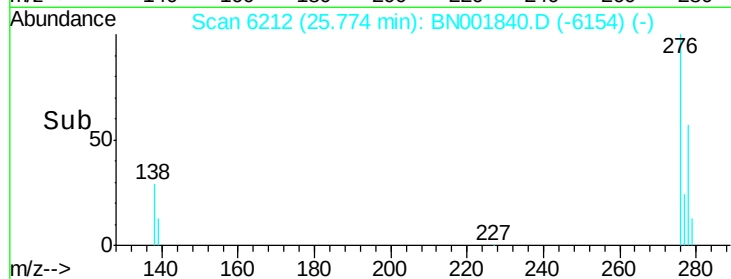
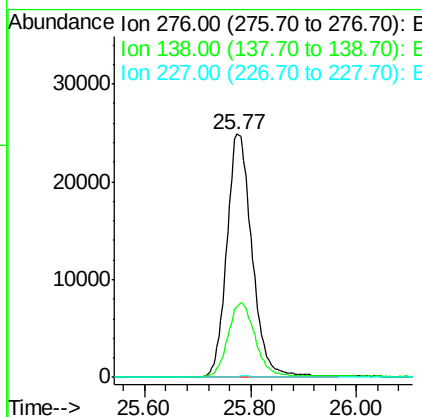
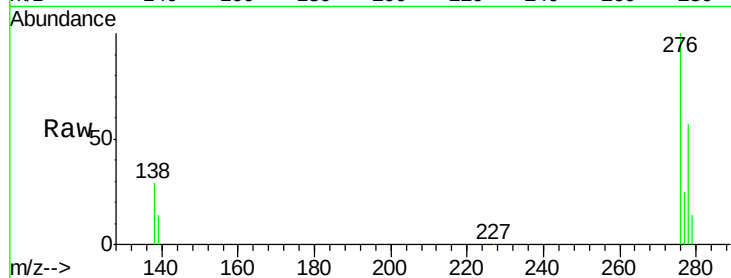




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.680 ng/ul
 RT: 25.77 min Scan# 6212
 Delta R.T. -0.01 min
 Lab File: BN001840.D
 Acq: 13 Jun 2018 13:26

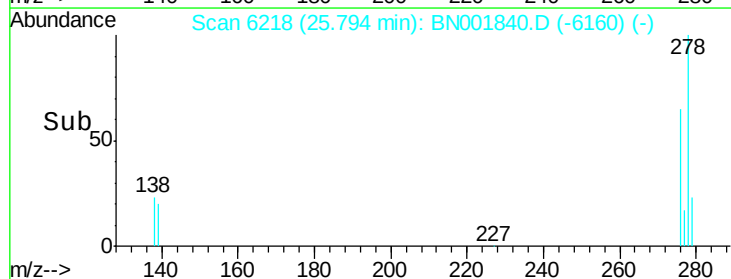
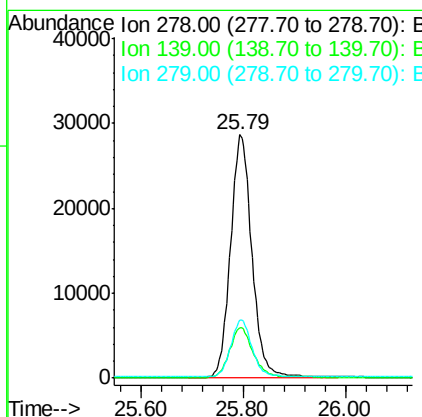
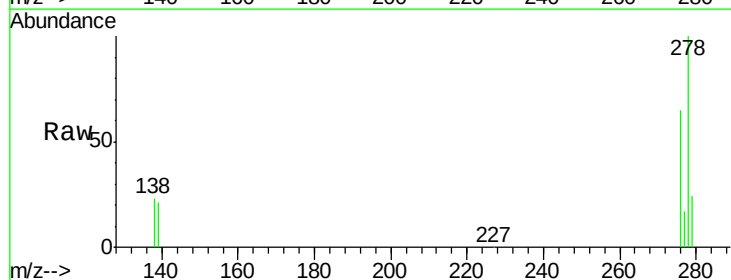
Instrument :
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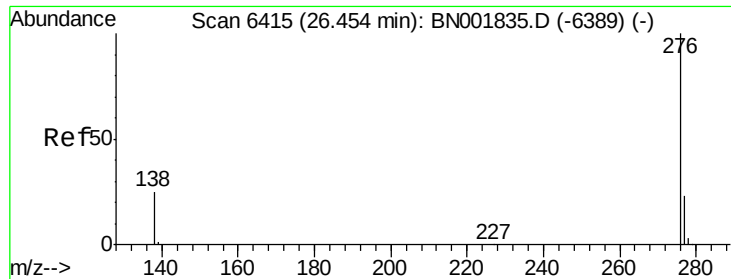
Tgt Ion: 276 Resp: 82109
 Ion Ratio Lower Upper
 276 100
 138 32.6 28.0 42.0
 227 0.3 0.8 1.2#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.863 ng/ul
 RT: 25.79 min Scan# 6218
 Delta R.T. -0.01 min
 Lab File: BN001840.D
 Acq: 13 Jun 2018 13:26

Tgt Ion: 278 Resp: 83143
 Ion Ratio Lower Upper
 278 100
 139 20.8 17.4 26.0
 279 23.6 25.9 38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.857 ng/ul

RT: 26.45 min Scan# 6415

Delta R.T. -0.00 min

Lab File: BN001840.D

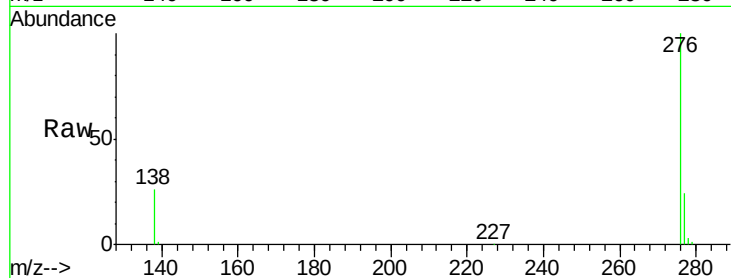
Acq: 13 Jun 2018 13:26

Instrument :

BNA_N

ClientSampleId :

DAWR7



Tgt Ion: 276 Resp: 88003

Ion Ratio Lower Upper

276 100

138 25.6 21.8 32.8

277 23.7 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

