

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN030518\
 Data File : BN000243.D
 Acq On : 05 Mar 2018 13:59
 Operator : JU/SJ
 Sample : MDL-SIM-W-07
 Misc : 0.07 PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SIM-W-07

Quant Time: Mar 05 14:45:33 2018
 Quant Method : Z:\HPCHEM1\BNA_N\Methods\SOM-EPA-SIM-BN030218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 14:32:42 2018
 Response via : Initial Calibration

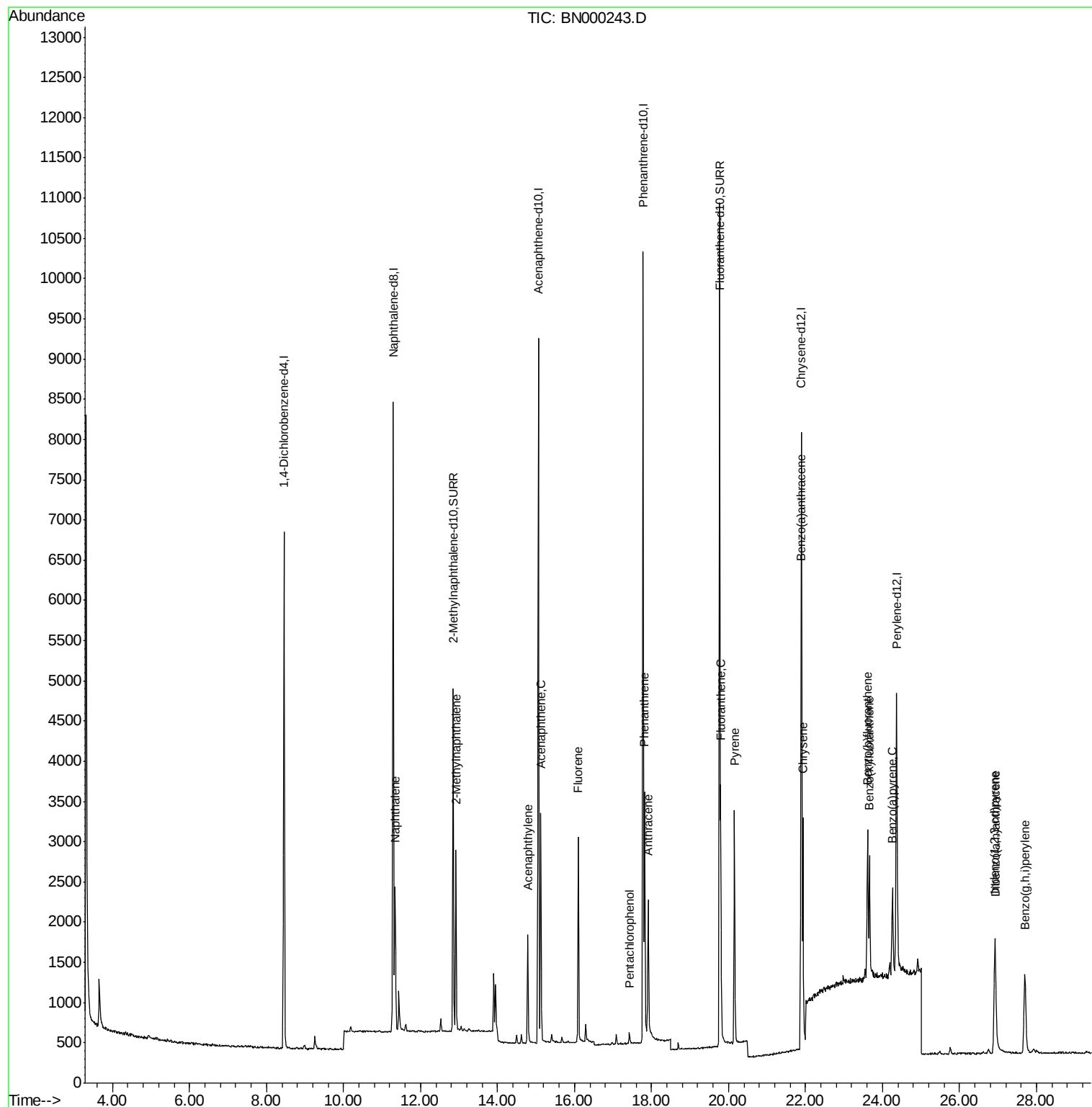
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	3350	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	11008	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	4654	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.78	188	11056	0.40	ng/ul	0.00
16) Chrysene-d12	21.89	240	6509	0.40	ng/ul	0.00
20) Perylene-d12	24.36	264	5392	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.84	152	5605	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.77	212	10128	0.40	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.34	128	2563	0.073	ng/ul#	91
5) 2-Methylnaphthalene	12.92	142	1583	0.071	ng/ul	99
7) Acenaphthylene	14.79	152	1655	0.071	ng/ul	97
8) Acenaphthene	15.12	153	1599	0.072	ng/ul	95
9) Fluorene	16.10	166	1737	0.072	ng/ul	91
11) Pentachlorophenol	17.42	266	106	0.048	ng/ul	96
12) Phenanthrene	17.82	178	3197	0.071	ng/ul#	88
13) Anthracene	17.91	178	2181	0.065	ng/ul#	91
15) Fluoranthene	19.80	202	3098	0.071	ng/ul	62
17) Pyrene	20.15	202	3006	0.078	ng/ul#	55
18) Benzo(a)anthracene	21.88	228	1797	0.070	ng/ul#	84
19) Chrysene	21.93	228	2807	0.081	ng/ul	95
21) Benzo(b)fluoranthene	23.61	252	2357	0.073	ng/ul	82
22) Benzo(k)fluoranthene	23.66	252	2117	0.069	ng/ul#	75
23) Benzo(a)pyrene	24.26	252	1775	0.070	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	26.92	276	2003	0.070	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.94	278	1376	0.067	ng/ul#	69
26) Benzo(g,h,i)perylene	27.70	276	2091	0.074	ng/ul#	77

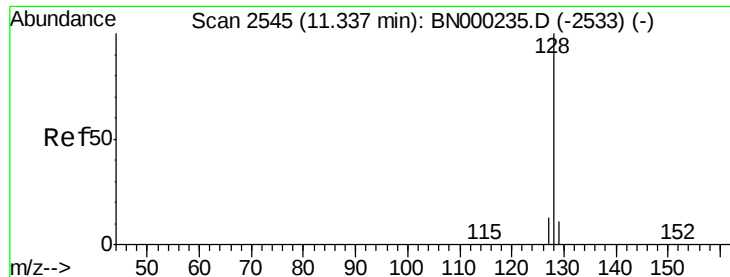
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.073 ng/ul

RT: 11.34 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BN000243.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-W-07

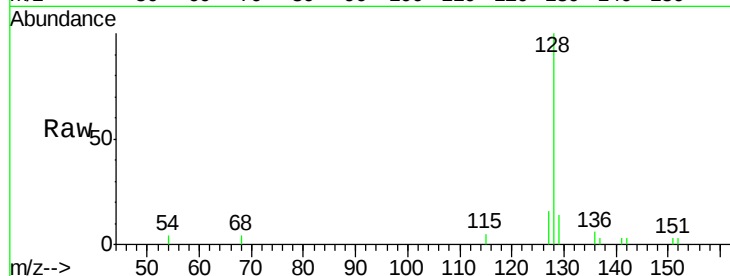
Tgt Ion:128 Resp: 2563

Ion Ratio Lower Upper

128 100

129 13.9 11.3 16.9

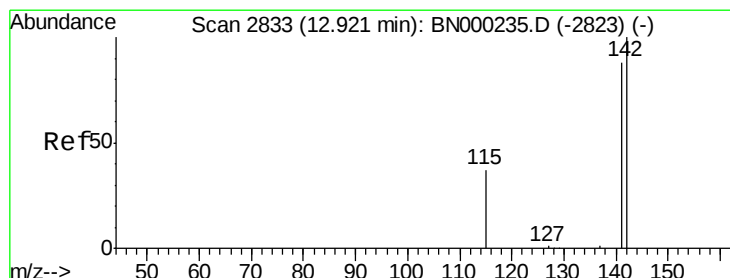
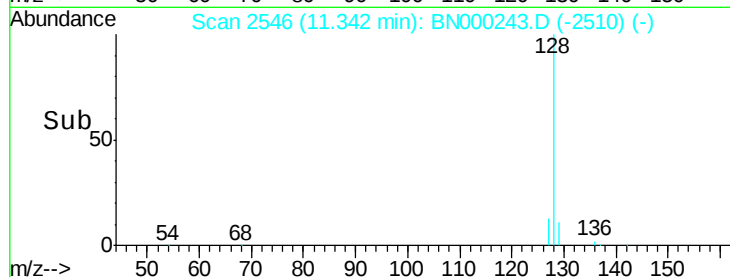
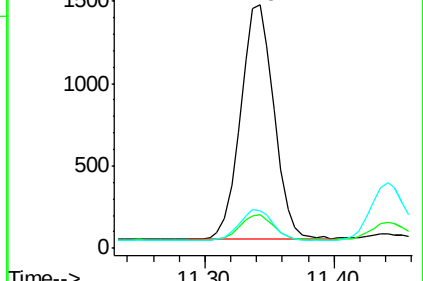
127 15.6 4.0 6.0#



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: 0.071 ng/ul

RT: 12.92 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BN000243.D

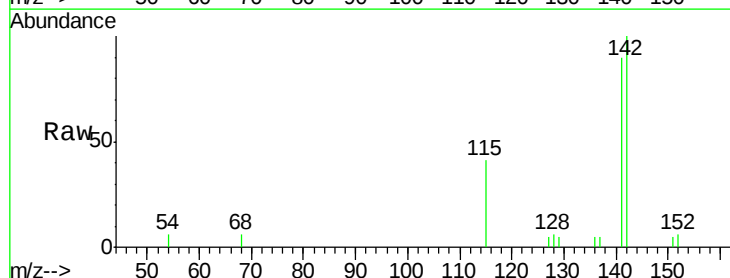
Acq: 05 Mar 2018 13:59

Tgt Ion:142 Resp: 1583

Ion Ratio Lower Upper

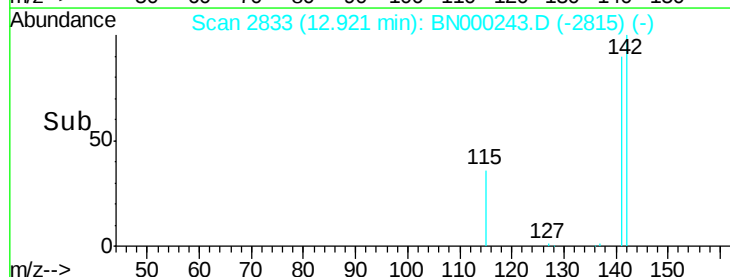
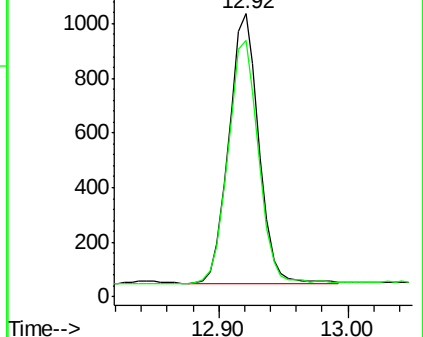
142 100

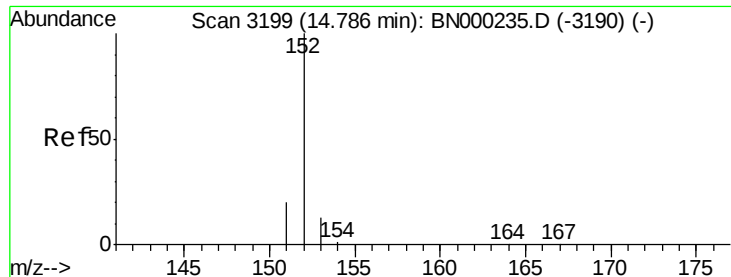
141 91.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.071 ng/ul

RT: 14.79 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BN000243.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-W-07

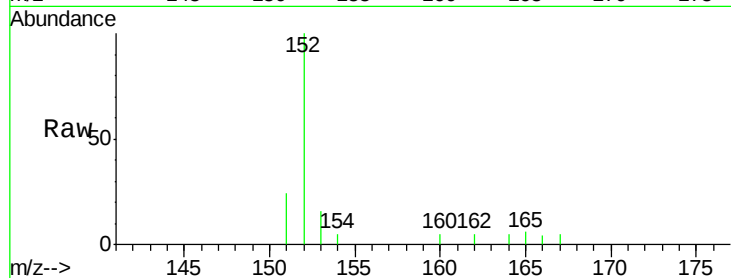
Tgt Ion:152 Resp: 1655

Ion Ratio Lower Upper

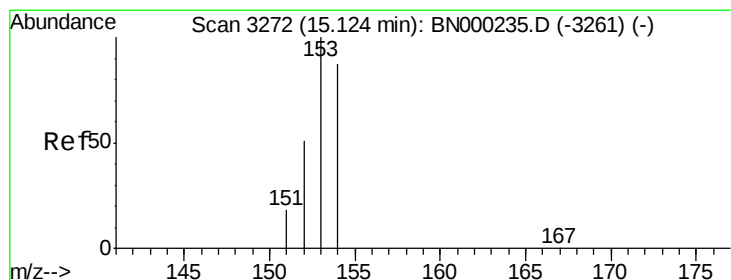
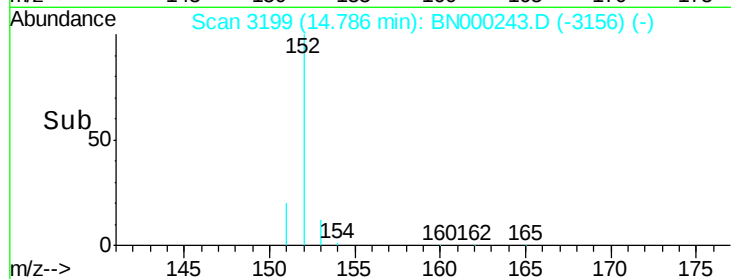
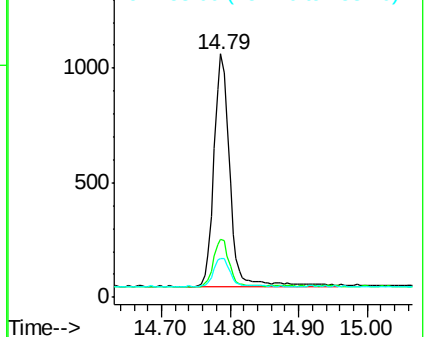
152 100

151 23.6 17.1 25.7

153 16.2 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: 0.072 ng/ul

RT: 15.12 min Scan# 3272

Delta R.T. 0.00 min

Lab File: BN000243.D

Acq: 05 Mar 2018 13:59

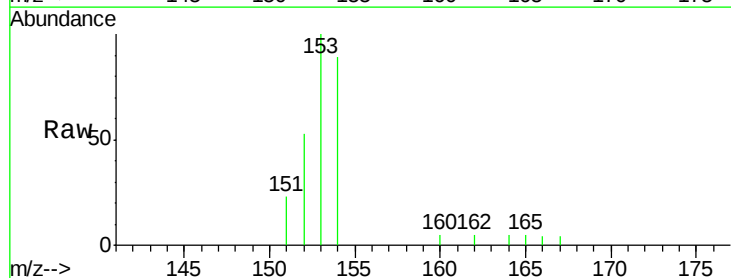
Tgt Ion:153 Resp: 1599

Ion Ratio Lower Upper

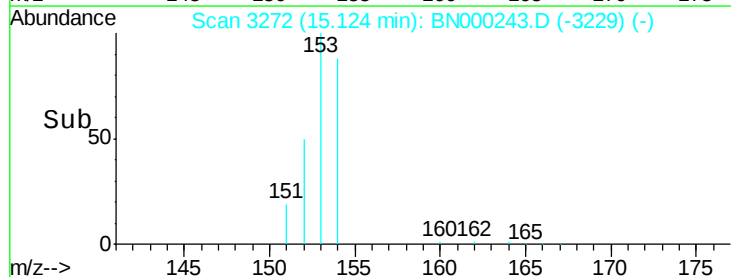
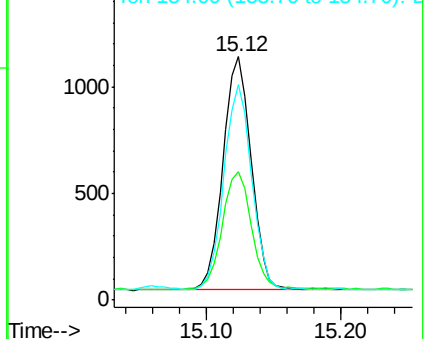
153 100

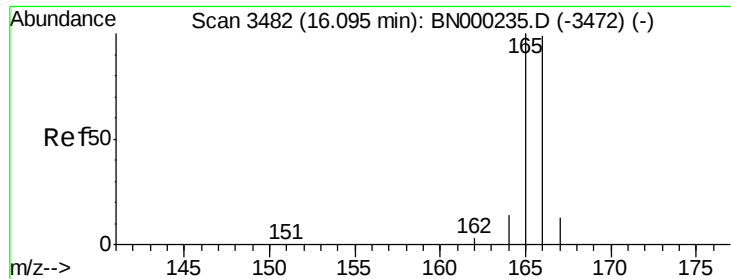
152 52.8 36.0 54.0

154 88.7 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: 0.072 ng/ul

RT: 16.10 min Scan# 3482

Delta R.T. -0.00 min

Lab File: BN000243.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-W-07

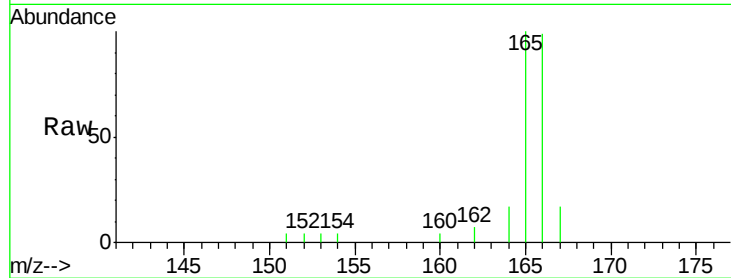
Tgt Ion:166 Resp: 1737

Ion Ratio Lower Upper

166 100

165 101.0 73.4 110.2

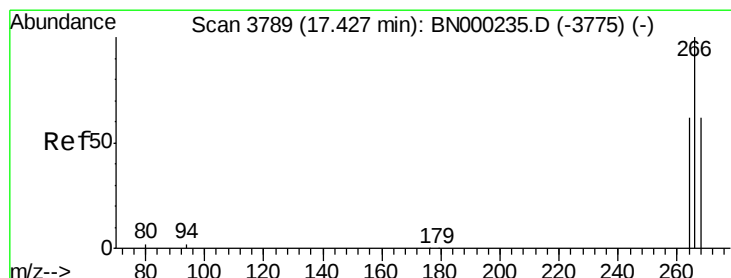
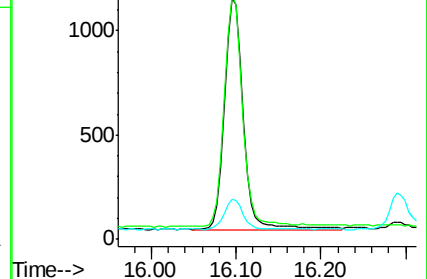
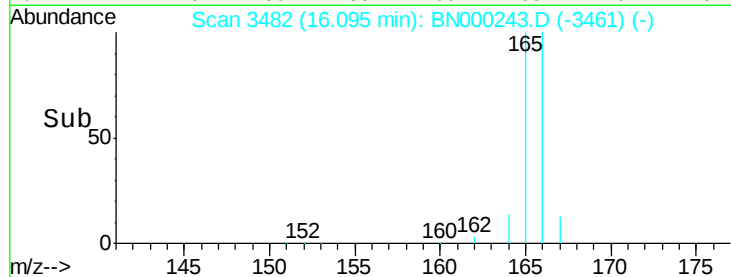
167 16.9 14.6 22.0



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: 0.048 ng/ul

RT: 17.42 min Scan# 3788

Delta R.T. -0.00 min

Lab File: BN000243.D

Acq: 05 Mar 2018 13:59

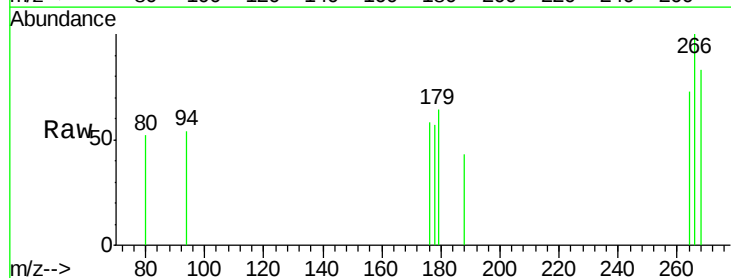
Tgt Ion:266 Resp: 106

Ion Ratio Lower Upper

266 100

264 64.2 47.9 71.9

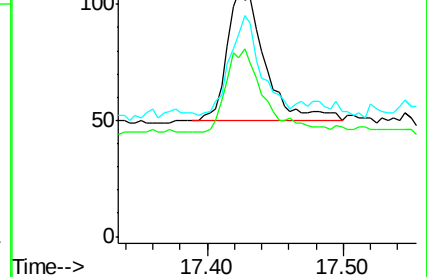
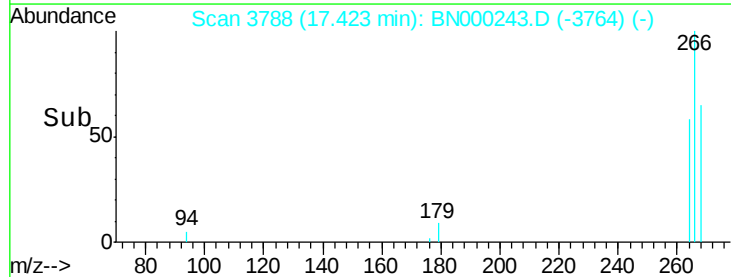
268 64.2 49.8 74.8

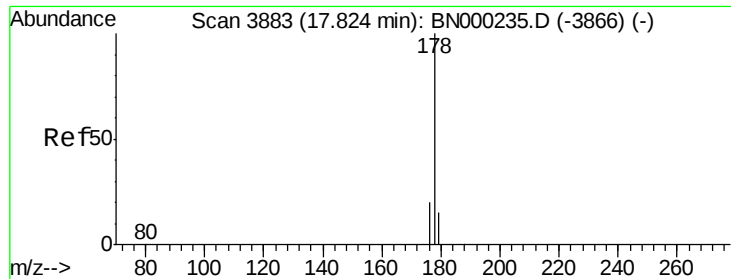


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.071 ng/ul

RT: 17.82 min Scan# 3882

Delta R.T. -0.00 min

Lab File: BN000243.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-W-07

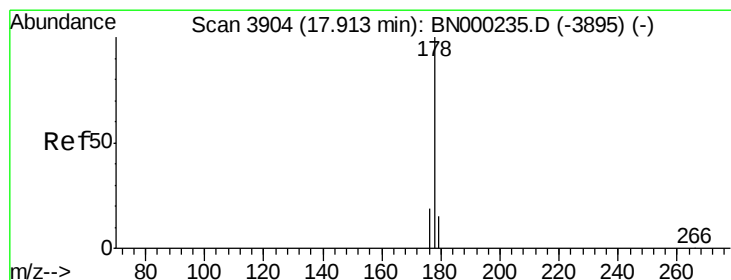
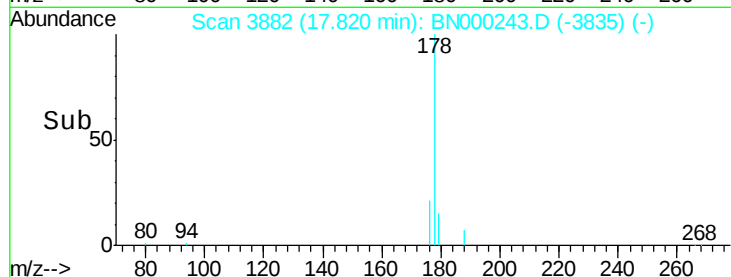
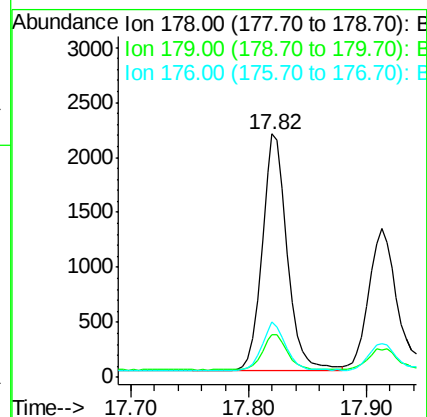
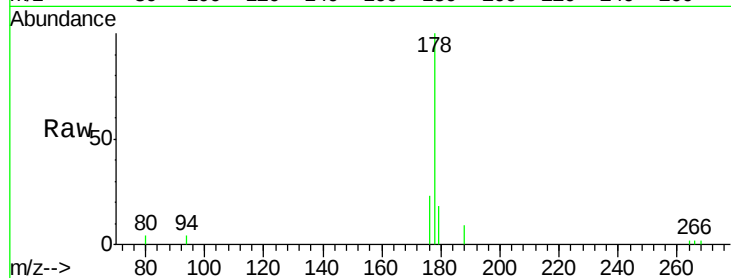
Tgt Ion:178 Resp: 3197

Ion Ratio Lower Upper

178 100

179 17.5 18.4 27.6#

176 22.7 13.6 20.4#



#13

Anthracene

Concen: 0.065 ng/ul

RT: 17.91 min Scan# 3904

Delta R.T. 0.00 min

Lab File: BN000243.D

Acq: 05 Mar 2018 13:59

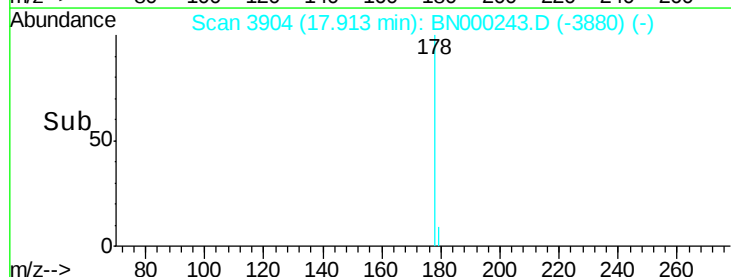
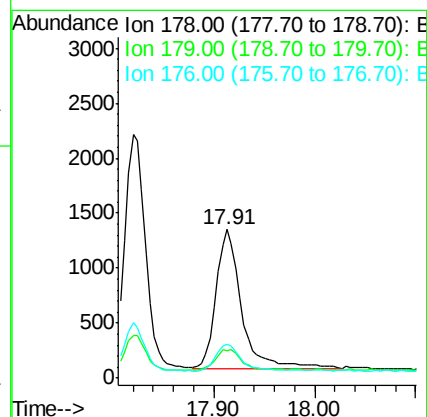
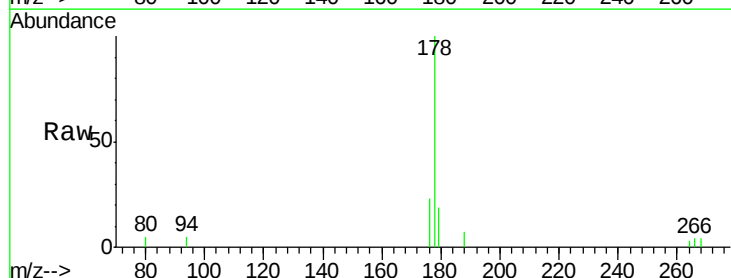
Tgt Ion:178 Resp: 2181

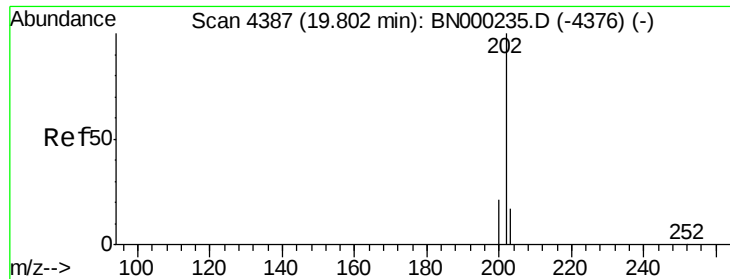
Ion Ratio Lower Upper

178 100

179 18.6 18.1 27.1

176 22.8 14.7 22.1#





#15

Fluoranthene

Concen: 0.071 ng/ul

RT: 19.80 min Scan# 4386

Delta R.T. -0.00 min

Lab File: BN000243.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-W-07

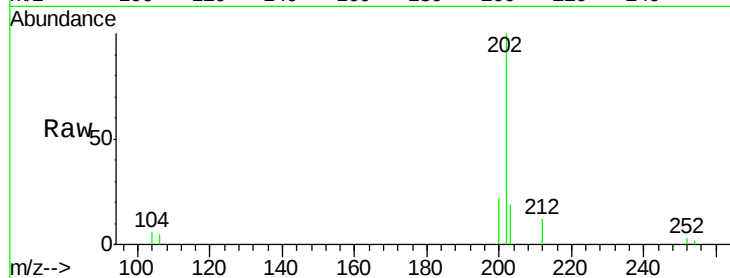
Tgt Ion:202 Resp: 3098

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.3

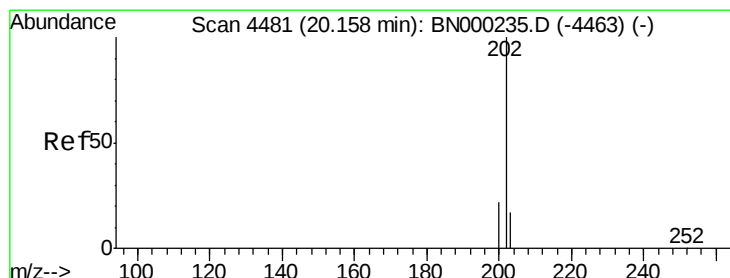
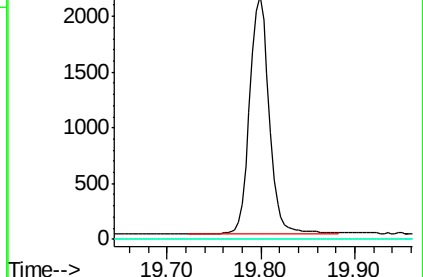
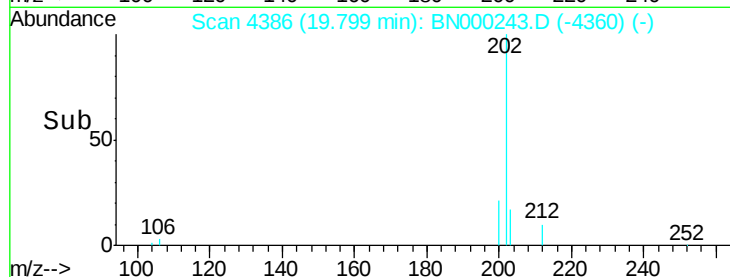
100 0.0 0.0 39.5



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: 0.078 ng/ul

RT: 20.15 min Scan# 4480

Delta R.T. -0.00 min

Lab File: BN000243.D

Acq: 05 Mar 2018 13:59

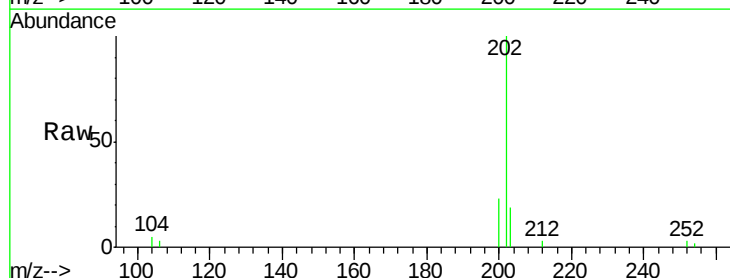
Tgt Ion:202 Resp: 3006

Ion Ratio Lower Upper

202 100

101 0.0 18.2 27.4#

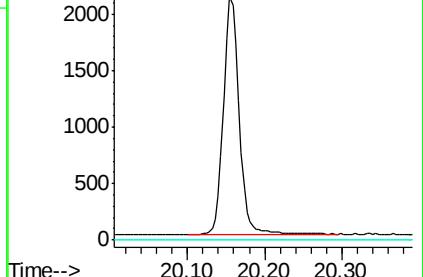
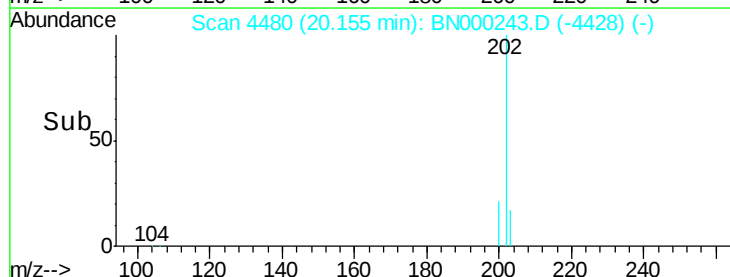
100 0.0 15.6 23.4#

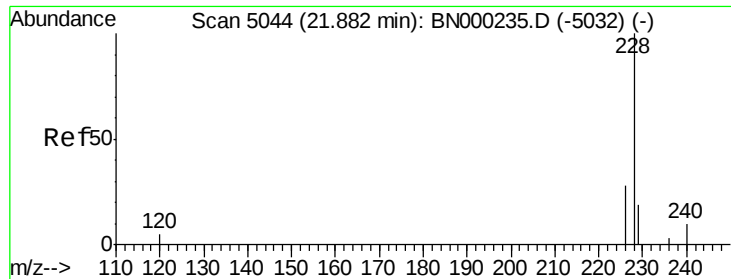


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.070 ng/ul

RT: 21.88 min Scan# 5042

Delta R.T. -0.01 min

Lab File: BN000243.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_N

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MDL-SIM-W-07

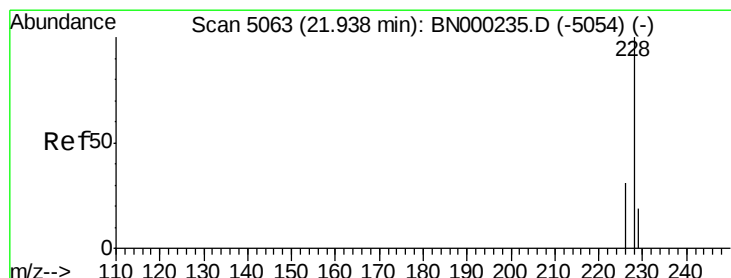
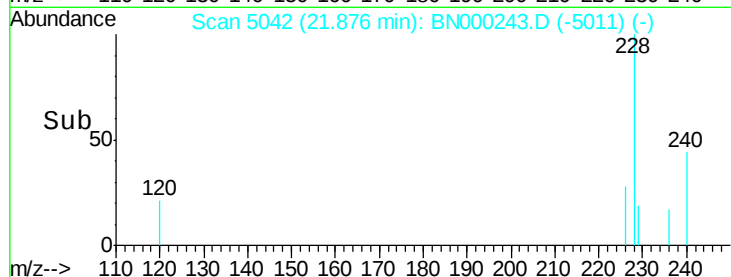
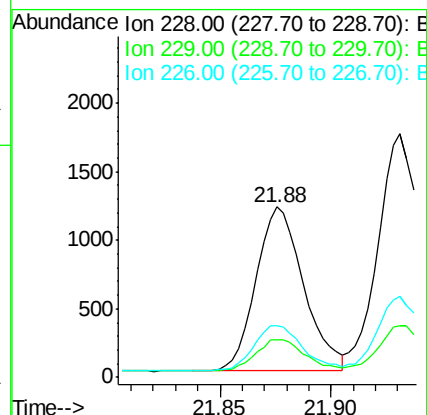
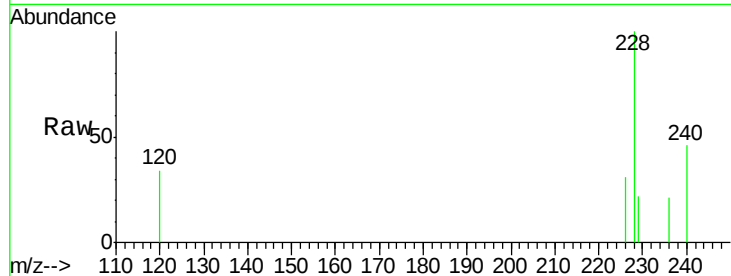
Tgt Ion:228 Resp: 1797

Ion Ratio Lower Upper

228 100

229 21.8 22.8 34.2#

226 30.6 17.0 25.6#



#19

Chrysene

Concen: 0.081 ng/ul

RT: 21.93 min Scan# 5061

Delta R.T. -0.01 min

Lab File: BN000243.D

Acq: 05 Mar 2018 13:59

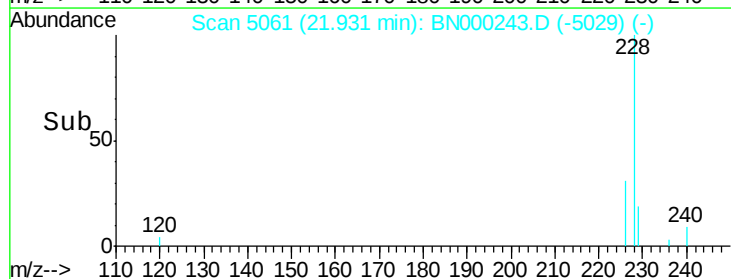
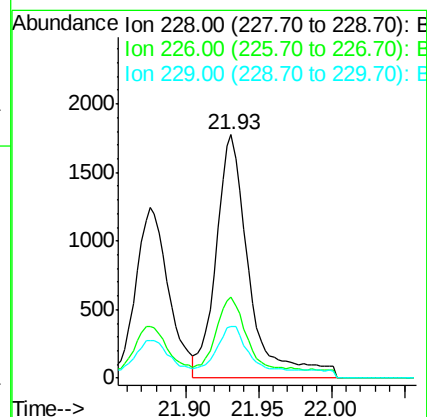
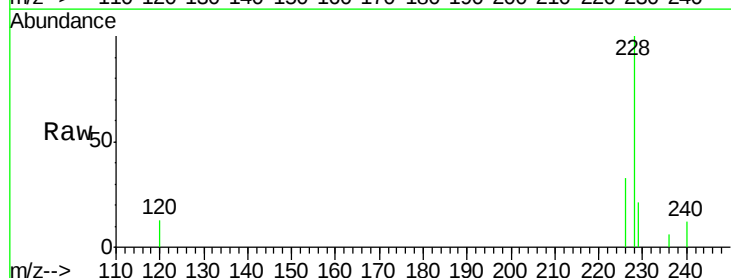
Tgt Ion:228 Resp: 2807

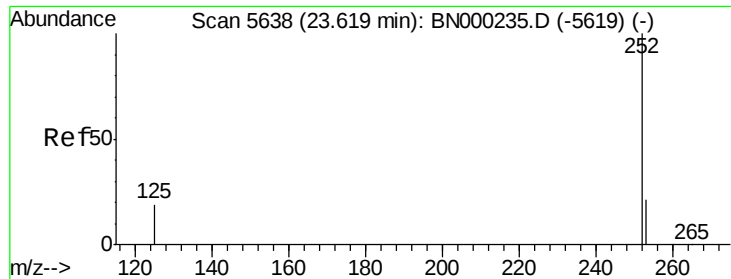
Ion Ratio Lower Upper

228 100

226 33.2 23.4 35.0

229 21.3 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.073 ng/ul

RT: 23.61 min Scan# 5635

Delta R.T. -0.01 min

Lab File: BN000243.D

Acq: 05 Mar 2018 13:59

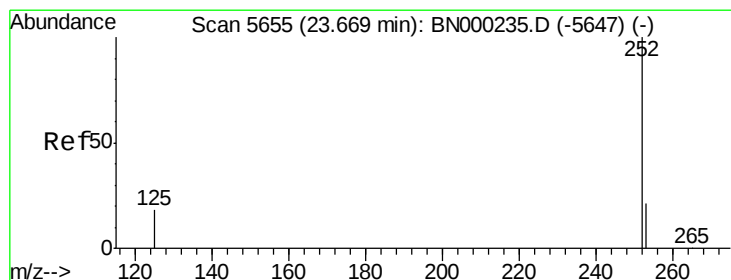
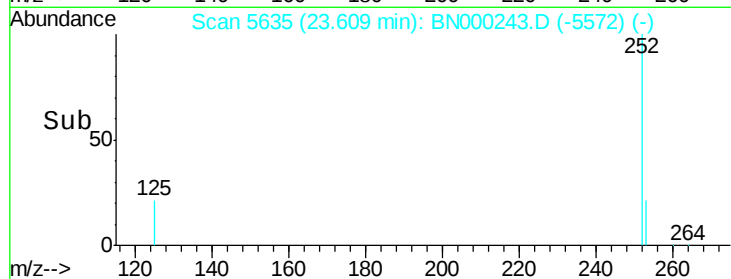
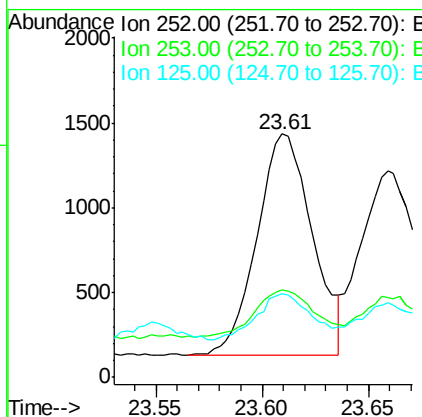
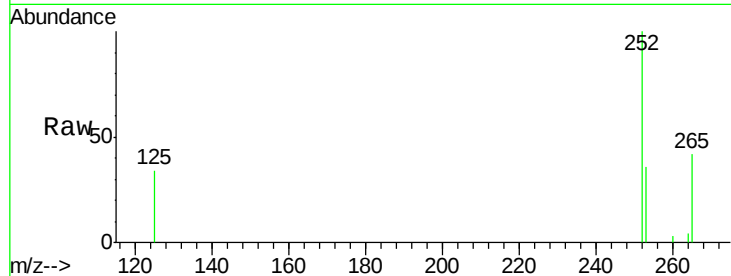
Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:	252	Resp:	2357
Ion	Ratio	Lower	Upper
252	100		
253	35.9	0.0	64.2
125	34.4	0.0	35.0



#22

Benzo(k)fluoranthene

Concen: 0.069 ng/ul

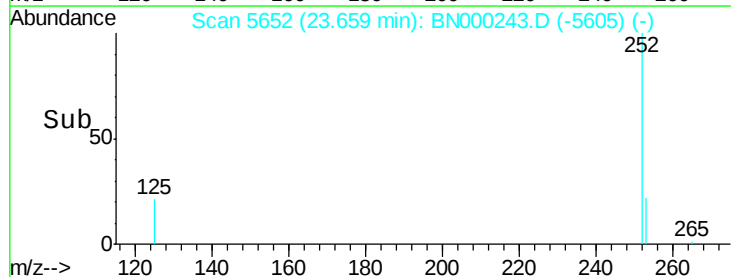
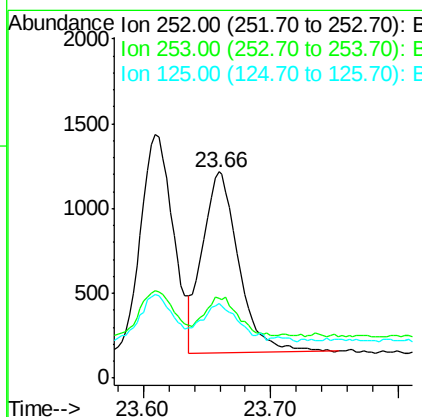
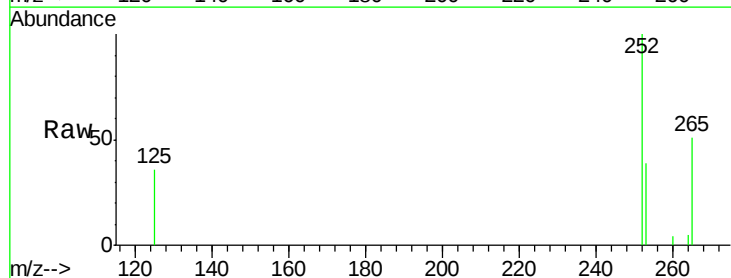
RT: 23.66 min Scan# 5652

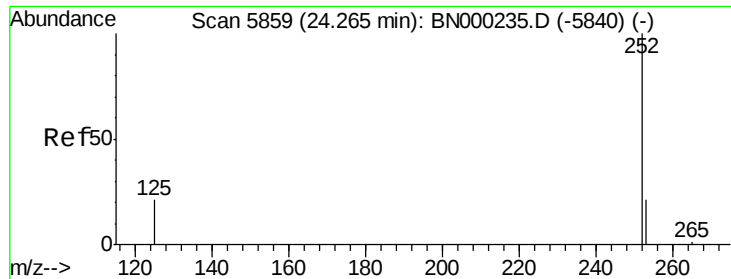
Delta R.T. -0.01 min

Lab File: BN000243.D

Acq: 05 Mar 2018 13:59

Tgt Ion:	252	Resp:	2117
Ion	Ratio	Lower	Upper
252	100		
253	38.6	24.5	36.7#
125	36.0	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.070 ng/u1

RT: 24.26 min Scan# 5857

Delta R.T. -0.01 min

Lab File: BN000243.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-W-07

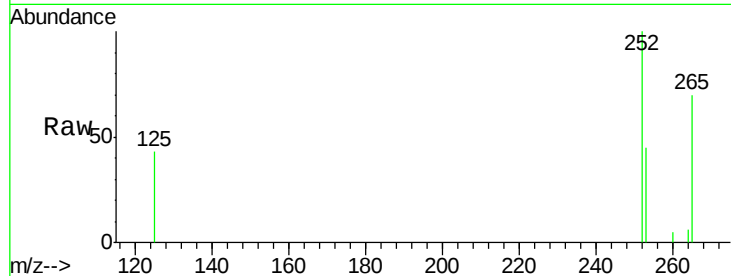
Tgt Ion:252 Resp: 1775

Ion Ratio Lower Upper

252 100

253 45.3 28.5 42.7#

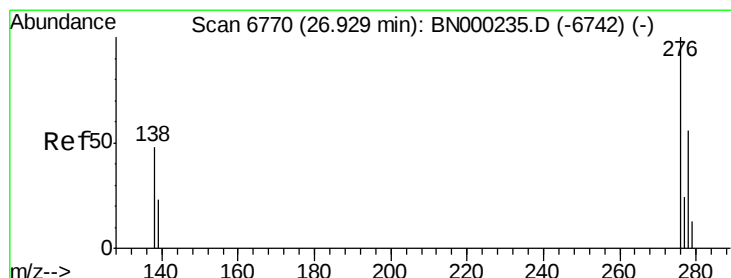
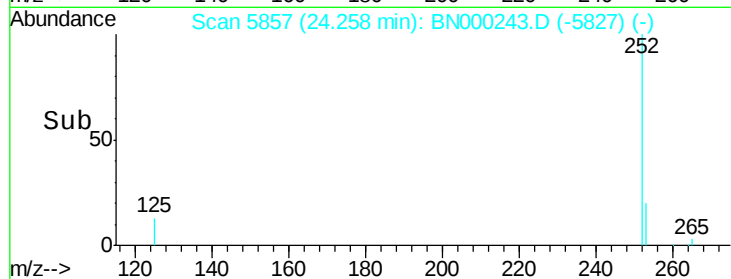
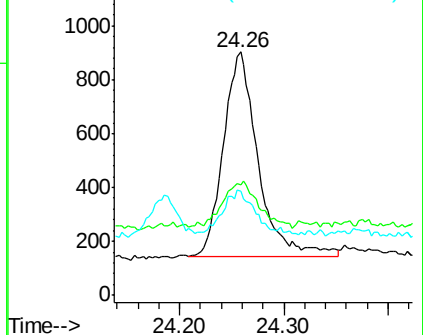
125 42.5 18.1 27.1#



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: 0.070 ng/u1

RT: 26.92 min Scan# 6766

Delta R.T. -0.02 min

Lab File: BN000243.D

Acq: 05 Mar 2018 13:59

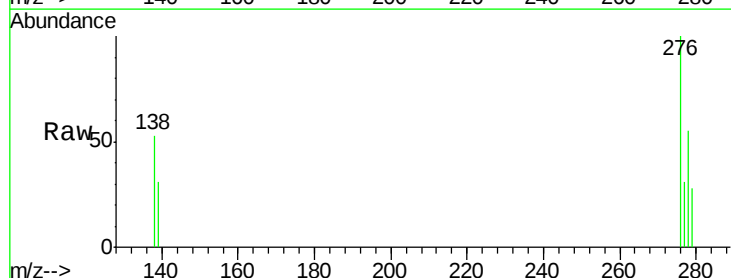
Tgt Ion:276 Resp: 2003

Ion Ratio Lower Upper

276 100

138 46.5 28.0 42.0#

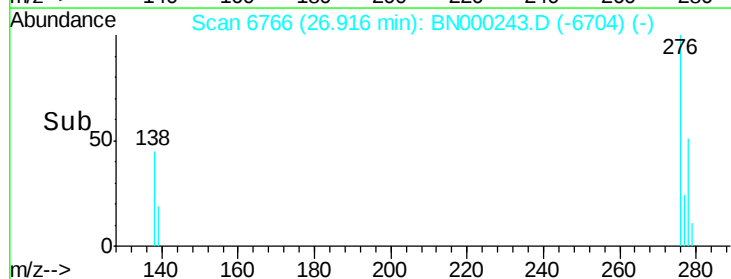
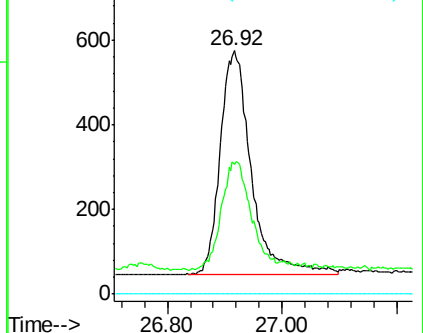
227 0.0 8.0 12.0#

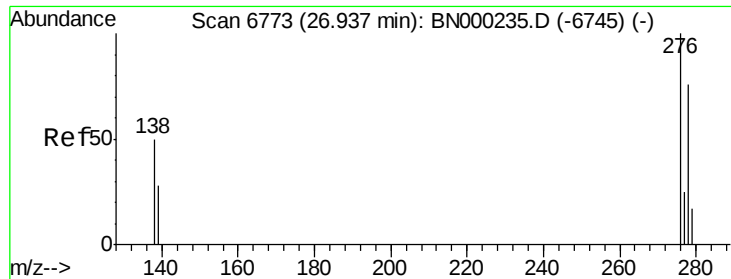


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.067 ng/ul

RT: 26.94 min Scan# 6773

Delta R.T. -0.01 min

Lab File: BN000243.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-W-07

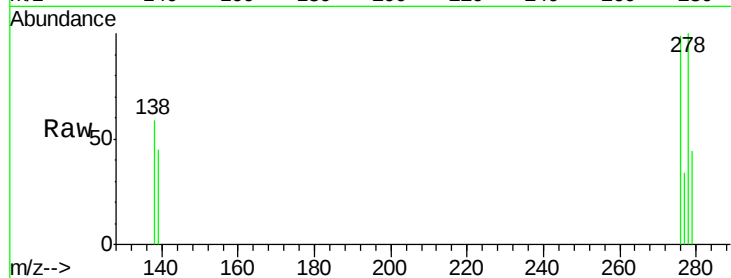
Tgt Ion:278 Resp: 1376

Ion Ratio Lower Upper

278 100

139 44.7 17.4 26.0#

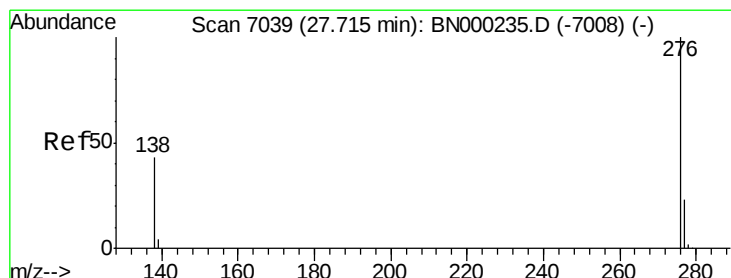
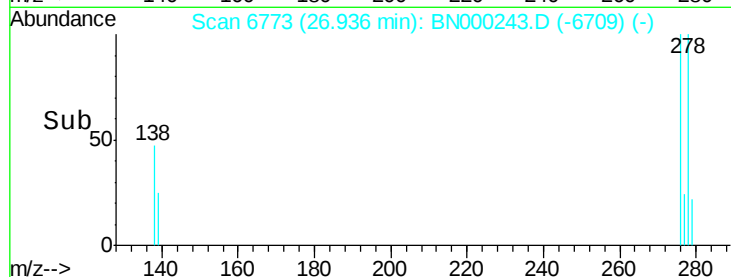
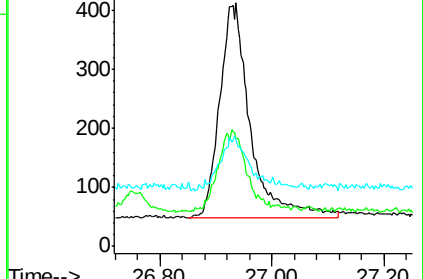
279 43.7 25.9 38.9#



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(g,h,i)perylene

Concen: 0.074 ng/ul

RT: 27.70 min Scan# 7035

Delta R.T. -0.02 min

Lab File: BN000243.D

Acq: 05 Mar 2018 13:59

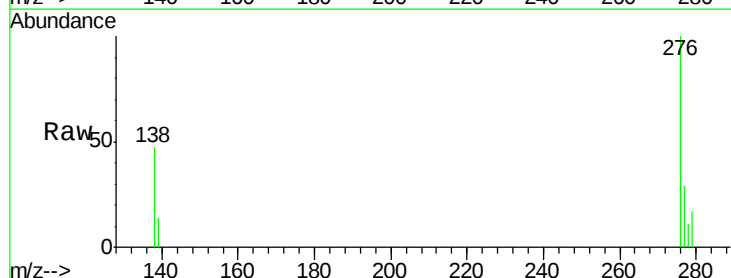
Tgt Ion:276 Resp: 2091

Ion Ratio Lower Upper

276 100

138 46.8 21.8 32.8#

277 29.1 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

