

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN030518\
 Data File : BN000242.D
 Acq On : 05 Mar 2018 13:25
 Operator : JU/SJ
 Sample : MDL-SIM-W-06
 Misc : 0.07 PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SIM-W-06

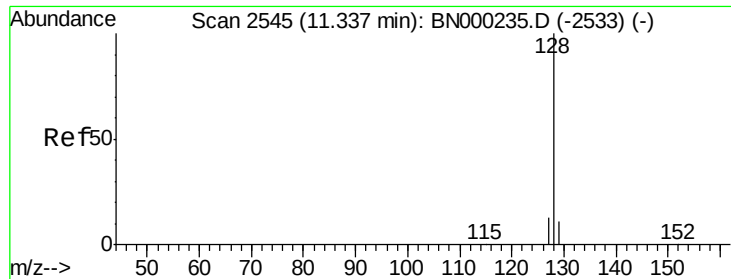
Quant Time: Mar 05 14:44:28 2018
 Quant Method : Z:\HPCHEM1\BNA_N\Methods\SOM-EPA-SIM-BN030218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 14:32:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4725	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	14997	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	6194	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.78	188	13418	0.40	ng/ul	0.00
16) Chrysene-d12	21.89	240	7122	0.40	ng/ul	0.00
20) Perylene-d12	24.36	264	5776	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.85	152	7364	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.77	212	11573	0.37	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.34	128	3071	0.064	ng/ul#	90
5) 2-Methylnaphthalene	12.92	142	1866	0.061	ng/ul	99
7) Acenaphthylene	14.79	152	1851	0.060	ng/ul	98
8) Acenaphthene	15.12	153	1861	0.063	ng/ul	94
9) Fluorene	16.10	166	1932	0.060	ng/ul	92
11) Pentachlorophenol	17.43	266	115	0.043	ng/ul	98
12) Phenanthrene	17.82	178	3381	0.062	ng/ul#	88
13) Anthracene	17.91	178	2270	0.056	ng/ul#	92
15) Fluoranthene	19.80	202	3189	0.060	ng/ul	62
17) Pyrene	20.16	202	3046	0.073	ng/ul#	55
18) Benzo(a)anthracene	21.88	228	1701	0.061	ng/ul#	85
19) Chrysene	21.93	228	2692	0.071	ng/ul	94
21) Benzo(b)fluoranthene	23.61	252	2197	0.063	ng/ul	79
22) Benzo(k)fluoranthene	23.66	252	2033	0.062	ng/ul#	72
23) Benzo(a)pyrene	24.26	252	1659	0.061	ng/ul#	66
24) Indeno(1,2,3-cd)pyrene	26.92	276	1749	0.057	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.93	278	1207	0.054	ng/ul#	65
26) Benzo(g,h,i)perylene	27.71	276	1762	0.058	ng/ul#	72

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



#3

Naphthalene

Concen: 0.064 ng/ul

RT: 11.34 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BN000242.D

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MDL-SIM-W-06

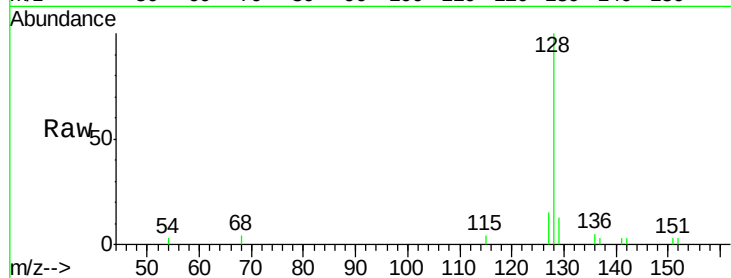
Tgt Ion:128 Resp: 3071

Ion Ratio Lower Upper

128 100

129 12.9 11.3 16.9

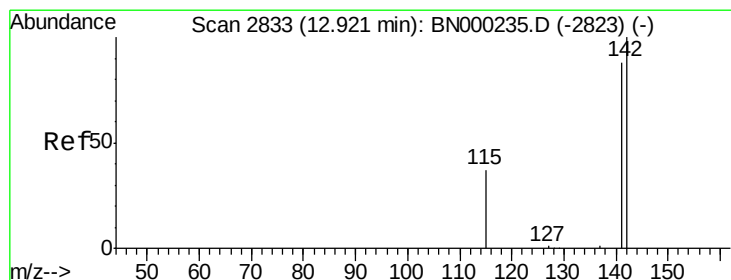
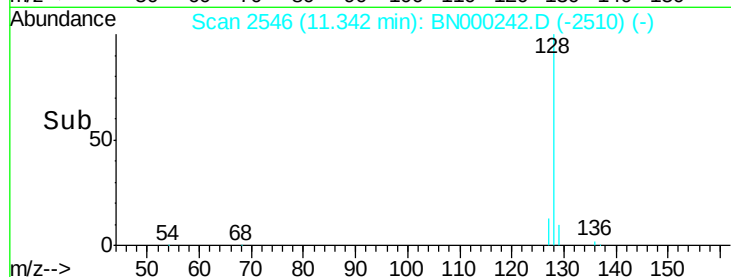
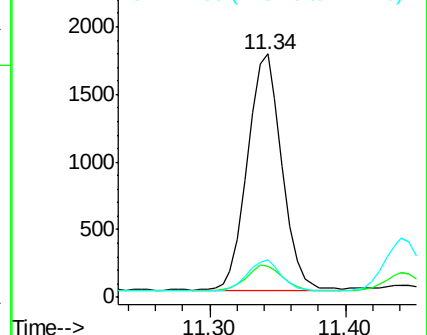
127 15.2 4.0 6.0#



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: 0.061 ng/ul

RT: 12.92 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BN000242.D

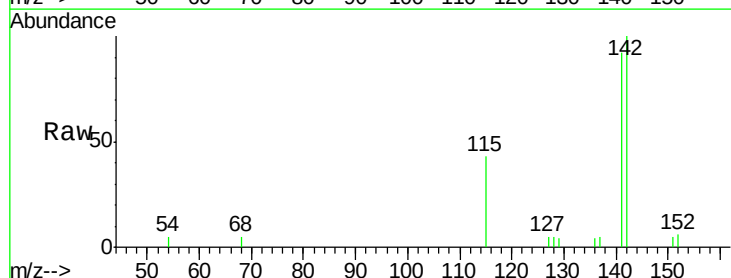
Acq: 05 Mar 2018 13:25

Tgt Ion:142 Resp: 1866

Ion Ratio Lower Upper

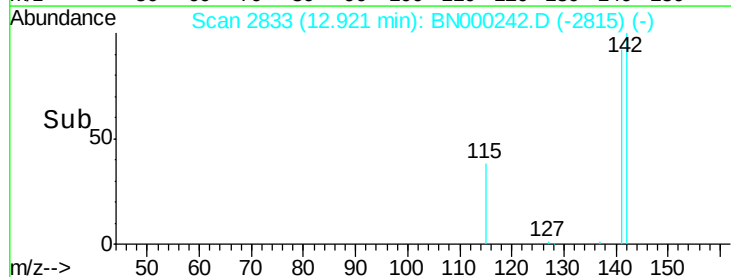
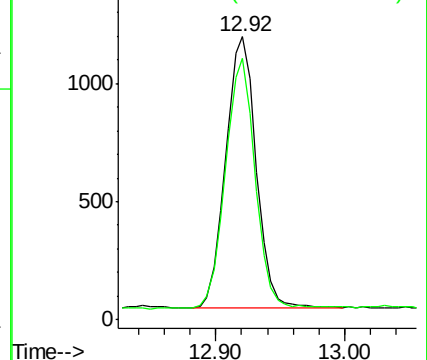
142 100

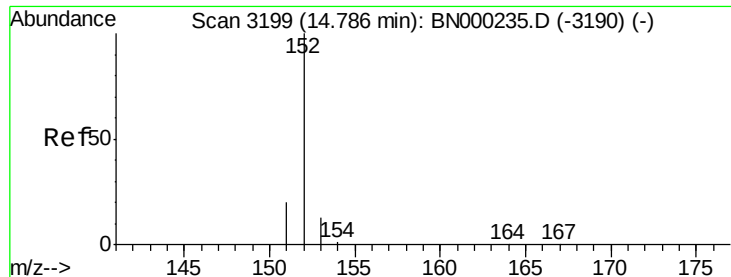
141 89.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.060 ng/ul

RT: 14.79 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BN000242.D

Acq: 05 Mar 2018 13:25

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-W-06

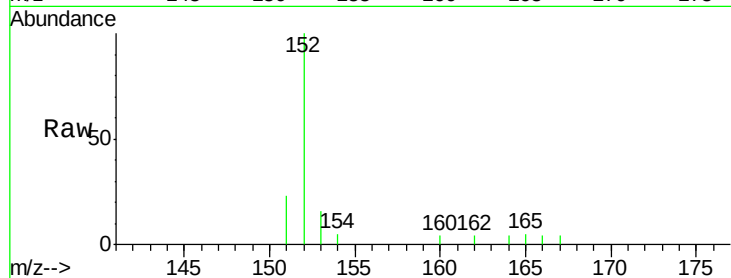
Tgt Ion:152 Resp: 1851

Ion Ratio Lower Upper

152 100

151 23.1 17.1 25.7

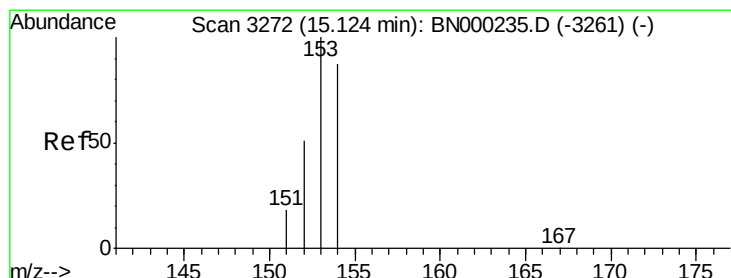
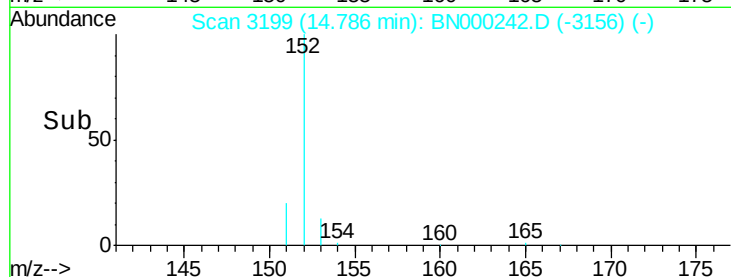
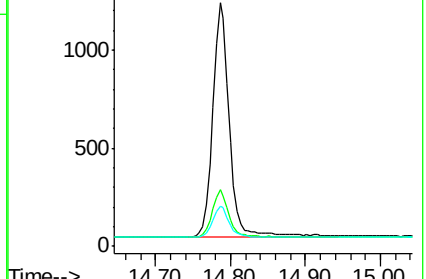
153 16.3 12.8 19.2



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: 0.063 ng/ul

RT: 15.12 min Scan# 3272

Delta R.T. 0.00 min

Lab File: BN000242.D

Acq: 05 Mar 2018 13:25

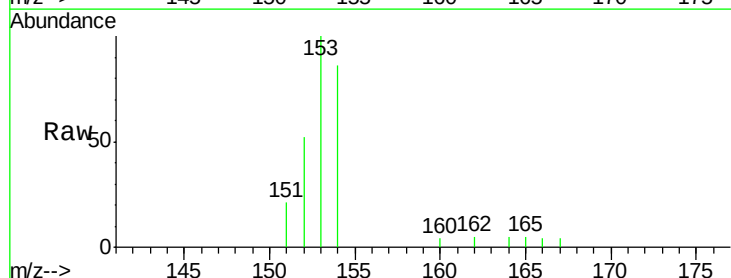
Tgt Ion:153 Resp: 1861

Ion Ratio Lower Upper

153 100

152 51.8 36.0 54.0

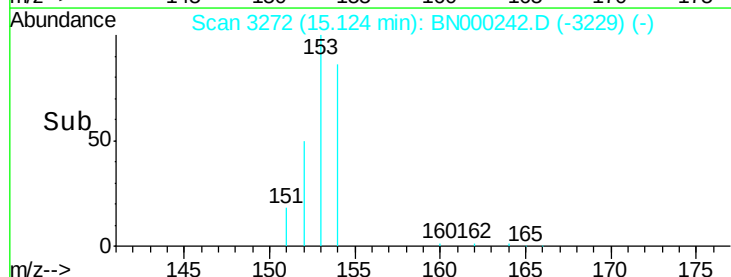
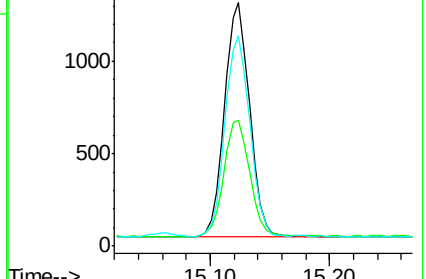
154 86.2 72.0 108.0

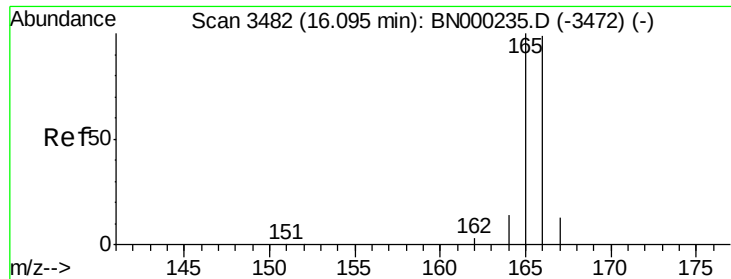


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.060 ng/ul

RT: 16.10 min Scan# 3482

Delta R.T. -0.00 min

Lab File: BN000242.D

Acq: 05 Mar 2018 13:25

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-W-06

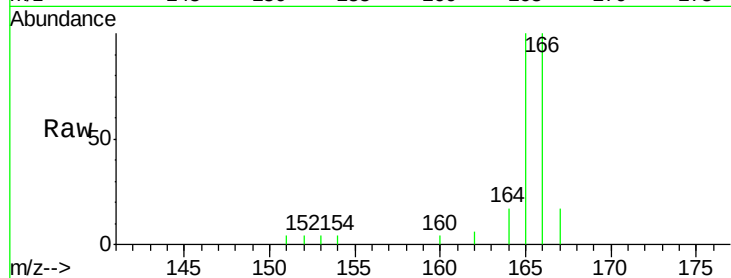
Tgt Ion:166 Resp: 1932

Ion Ratio Lower Upper

166 100

165 100.3 73.4 110.2

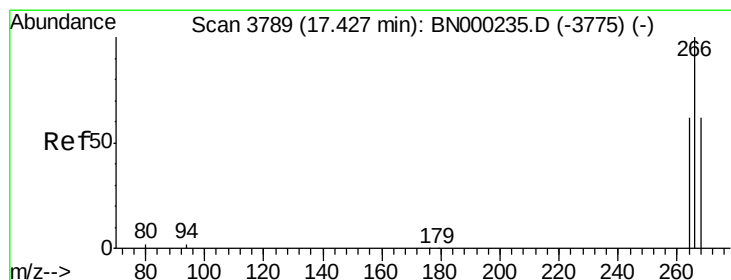
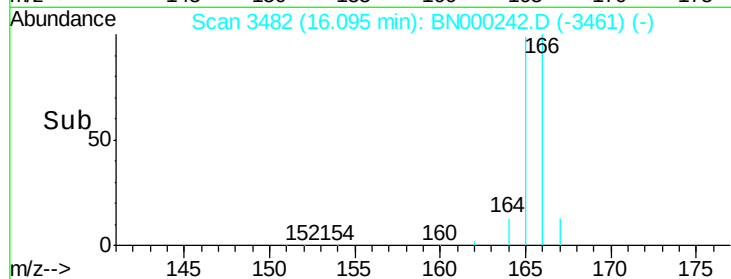
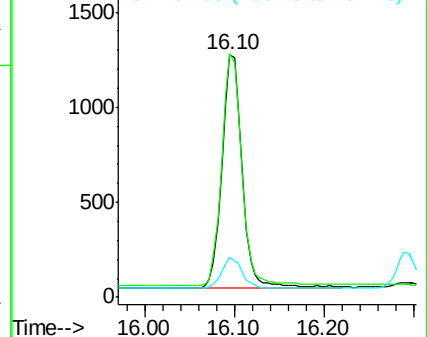
167 16.8 14.6 22.0



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: 0.043 ng/ul

RT: 17.43 min Scan# 3789

Delta R.T. 0.00 min

Lab File: BN000242.D

Acq: 05 Mar 2018 13:25

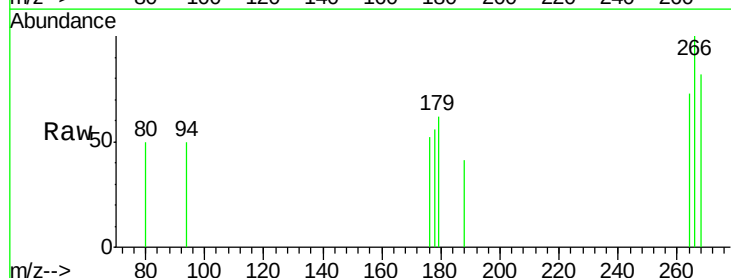
Tgt Ion:266 Resp: 115

Ion Ratio Lower Upper

266 100

264 59.1 47.9 71.9

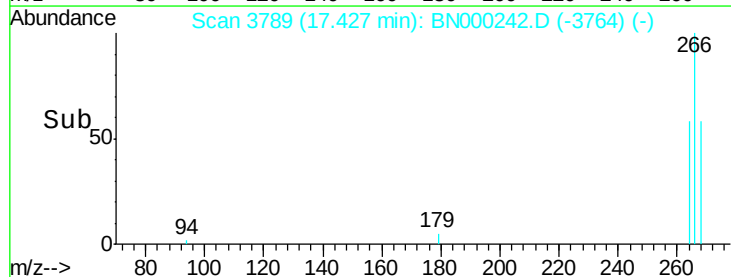
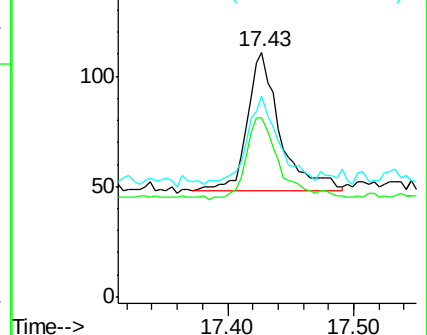
268 64.3 49.8 74.8

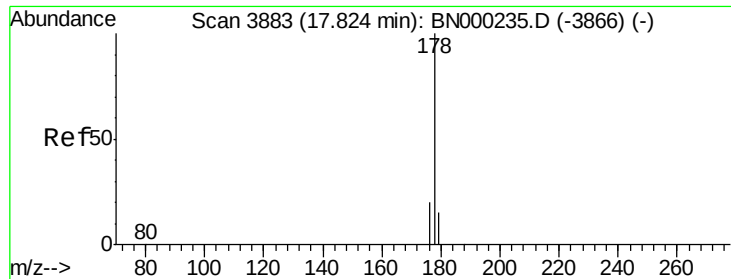


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.062 ng/ul

RT: 17.82 min Scan# 3882

Delta R.T. -0.00 min

Lab File: BN000242.D

Acq: 05 Mar 2018 13:25

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-W-06

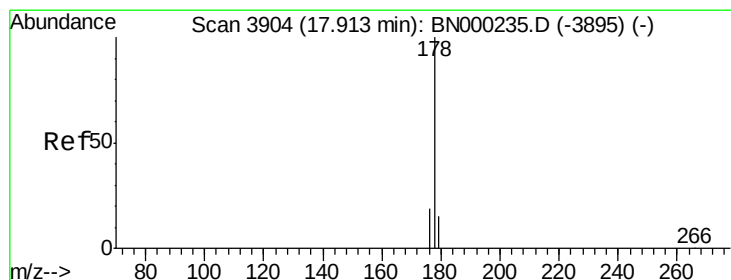
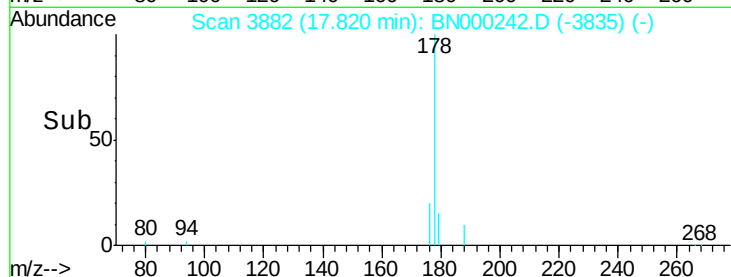
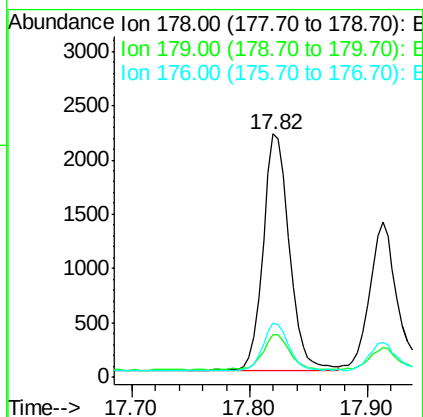
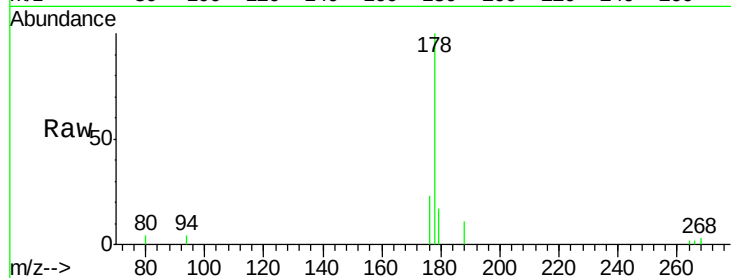
Tgt Ion:178 Resp: 3381

Ion Ratio Lower Upper

178 100

179 17.5 18.4 27.6#

176 22.5 13.6 20.4#



#13

Anthracene

Concen: 0.056 ng/ul

RT: 17.91 min Scan# 3904

Delta R.T. -0.00 min

Lab File: BN000242.D

Acq: 05 Mar 2018 13:25

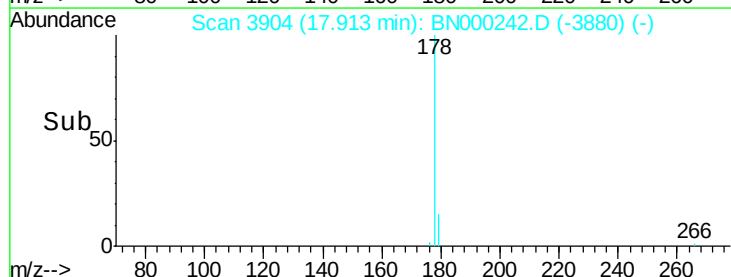
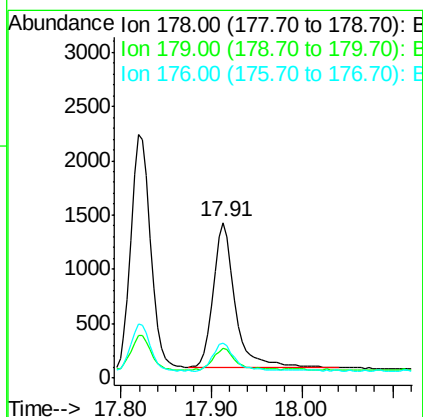
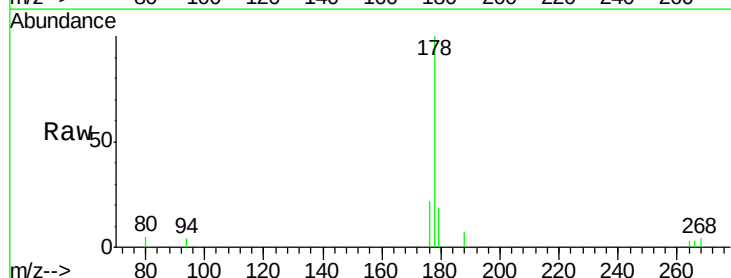
Tgt Ion:178 Resp: 2270

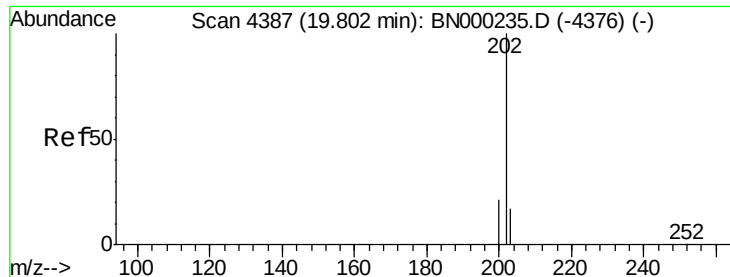
Ion Ratio Lower Upper

178 100

179 18.9 18.1 27.1

176 22.2 14.7 22.1#





#15

Fluoranthene

Concen: 0.060 ng/ul

RT: 19.80 min Scan# 4386

Delta R.T. -0.00 min

Lab File: BN000242.D

Acq: 05 Mar 2018 13:25

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-W-06

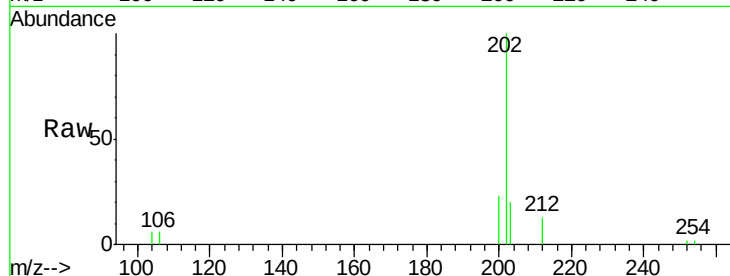
Tgt Ion:202 Resp: 3189

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.3

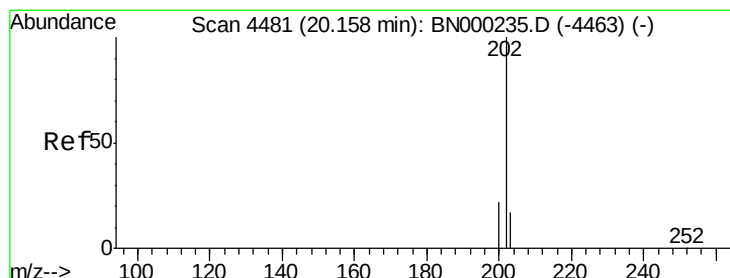
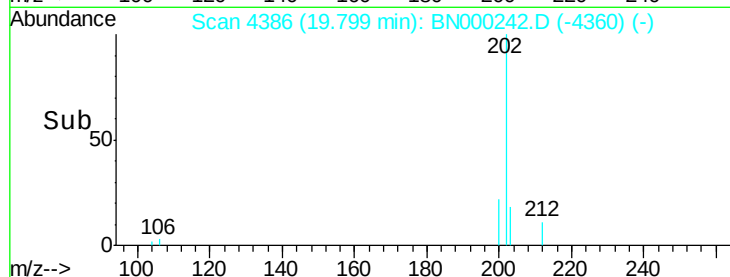
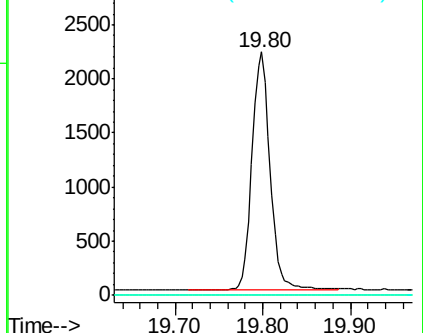
100 0.0 0.0 39.5



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: 0.073 ng/ul

RT: 20.16 min Scan# 4481

Delta R.T. -0.00 min

Lab File: BN000242.D

Acq: 05 Mar 2018 13:25

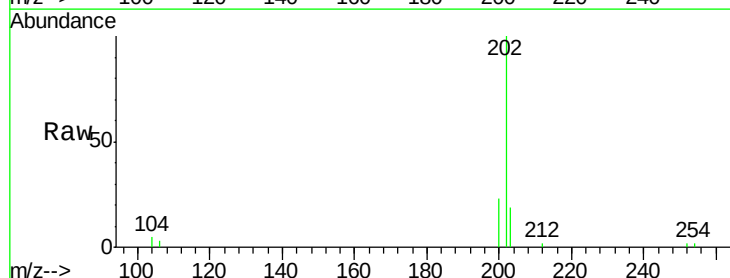
Tgt Ion:202 Resp: 3046

Ion Ratio Lower Upper

202 100

101 0.0 18.2 27.4#

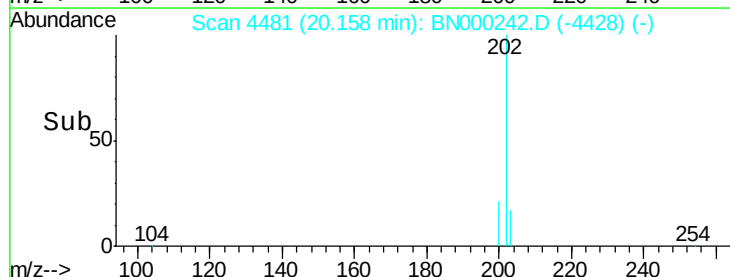
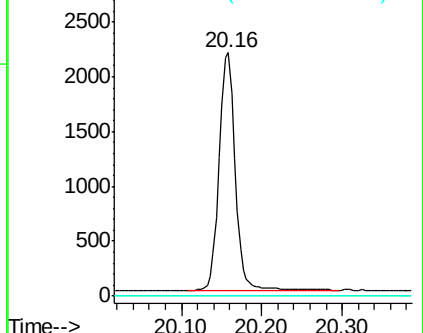
100 0.0 15.6 23.4#

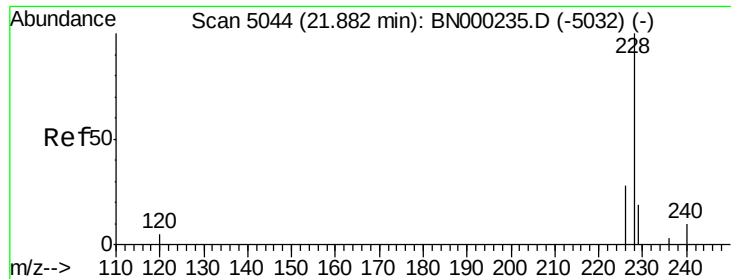


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.061 ng/ul

RT: 21.88 min Scan# 5042

Delta R.T. -0.01 min

Lab File: BN000242.D

Acq: 05 Mar 2018 13:25

Instrument :

BNA_N

ClientSampleId :

MDL-SIM-W-06

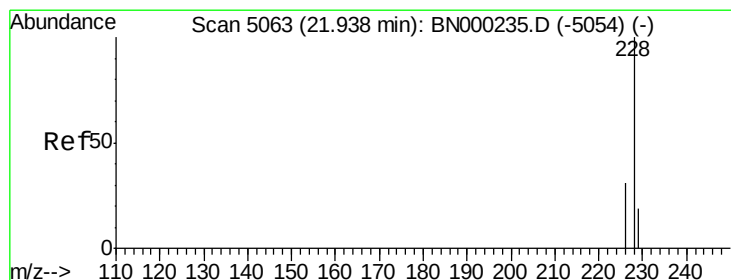
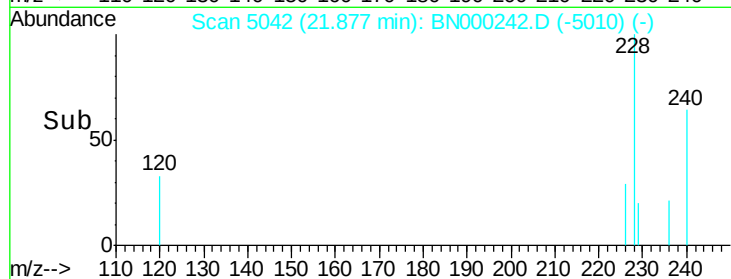
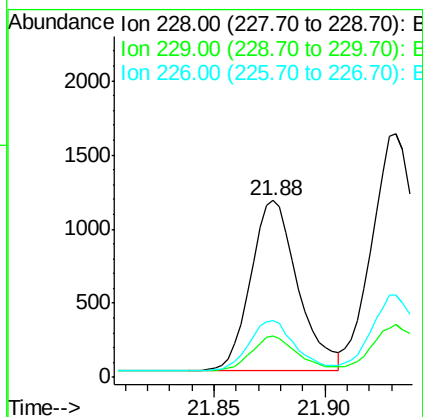
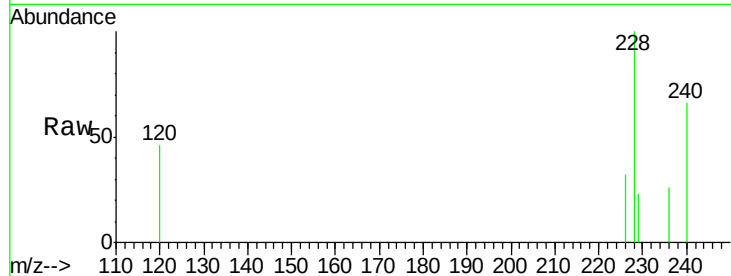
Tgt Ion:228 Resp: 1701

Ion Ratio Lower Upper

228 100

229 23.2 22.8 34.2

226 32.0 17.0 25.6#



#19

Chrysene

Concen: 0.071 ng/ul

RT: 21.93 min Scan# 5061

Delta R.T. -0.00 min

Lab File: BN000242.D

Acq: 05 Mar 2018 13:25

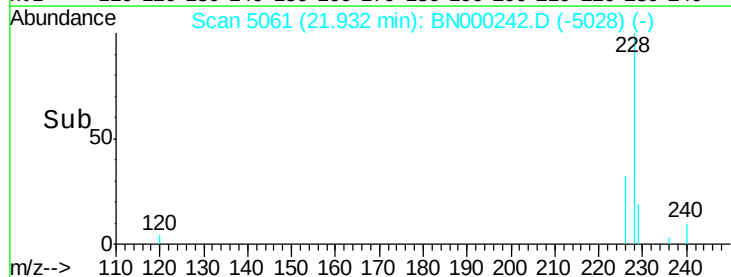
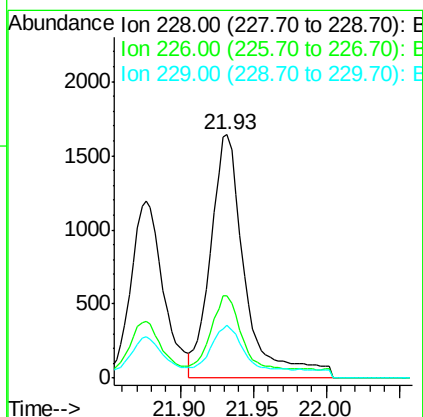
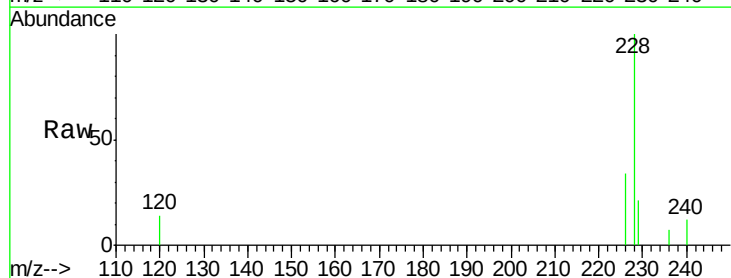
Tgt Ion:228 Resp: 2692

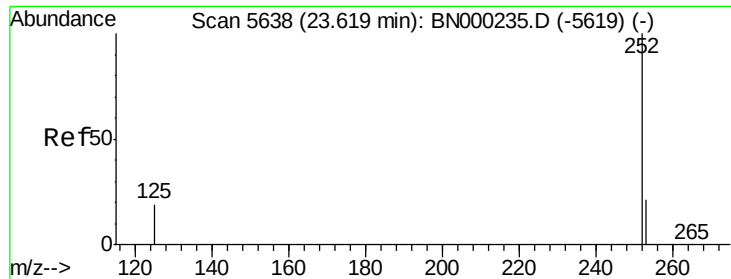
Ion Ratio Lower Upper

228 100

226 34.0 23.4 35.0

229 21.5 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.063 ng/ul

RT: 23.61 min Scan# 5636

Delta R.T. -0.01 min

Lab File: BN000242.D

Acq: 05 Mar 2018 13:25

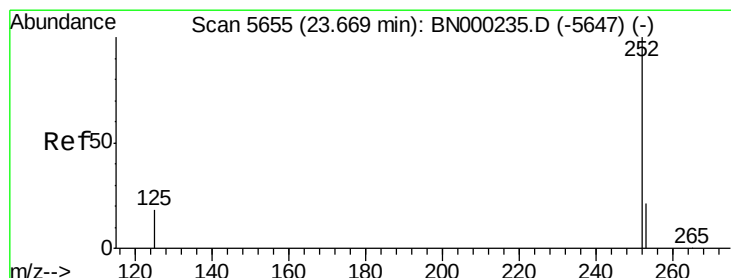
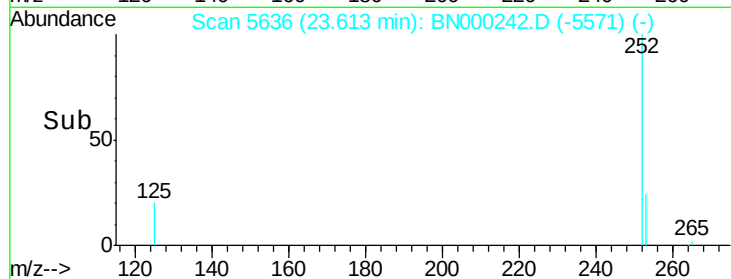
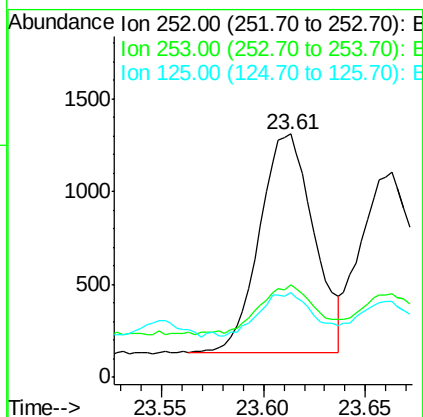
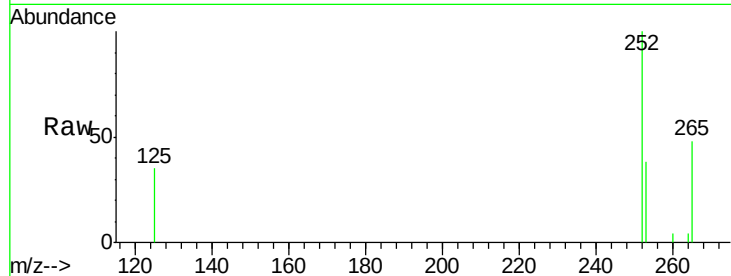
Instrument :

BNA_N

ClientSampleId :

MDL-SIM-W-06

Tgt Ion:	252	Resp:	2197
Ion	Ratio	Lower	Upper
252	100		
253	38.1	0.0	64.2
125	34.9	0.0	35.0



#22

Benzo(k)fluoranthene

Concen: 0.062 ng/ul

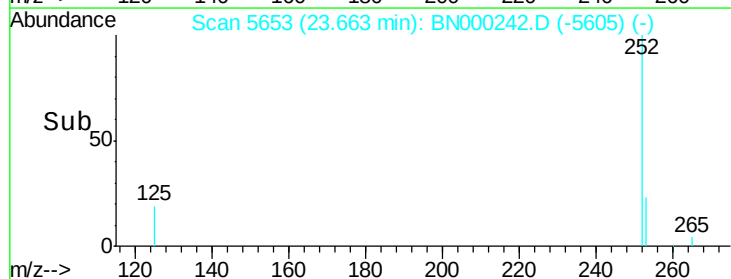
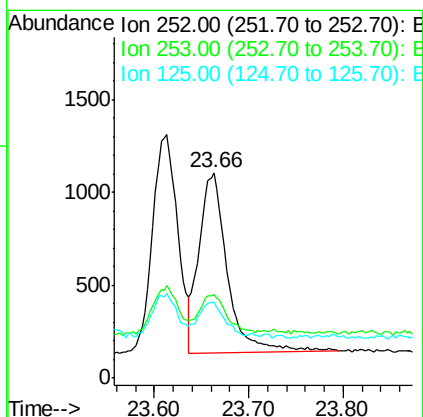
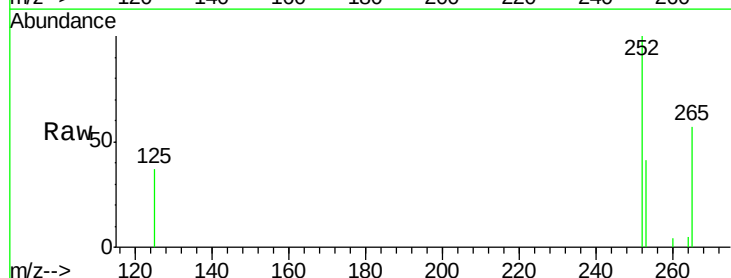
RT: 23.66 min Scan# 5653

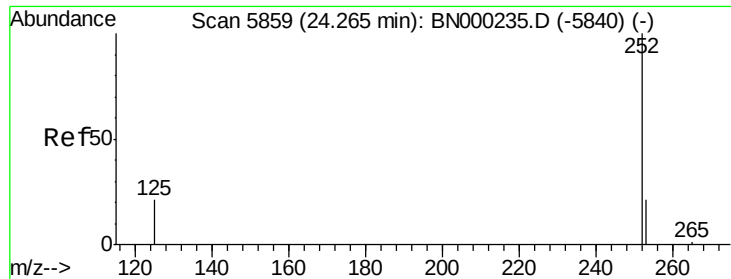
Delta R.T. -0.01 min

Lab File: BN000242.D

Acq: 05 Mar 2018 13:25

Tgt Ion:	252	Resp:	2033
Ion	Ratio	Lower	Upper
252	100		
253	40.7	24.5	36.7#
125	36.9	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.061 ng/ul

RT: 24.26 min Scan# 5857

Delta R.T. -0.01 min

Lab File: BN000242.D

Acq: 05 Mar 2018 13:25

Instrument :

BNA_N

ClientSampled :

MDL-SIM-W-06

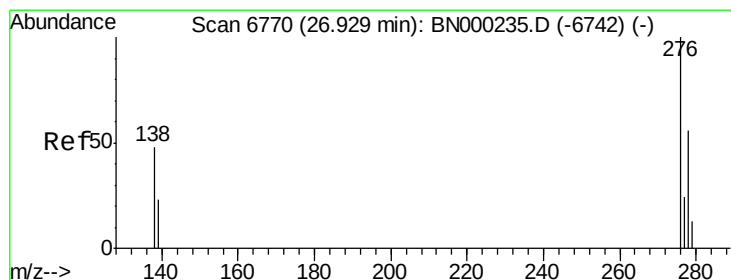
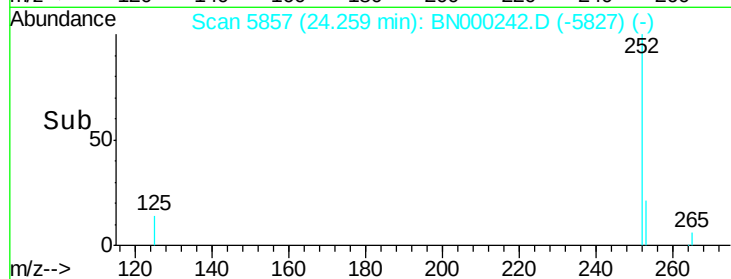
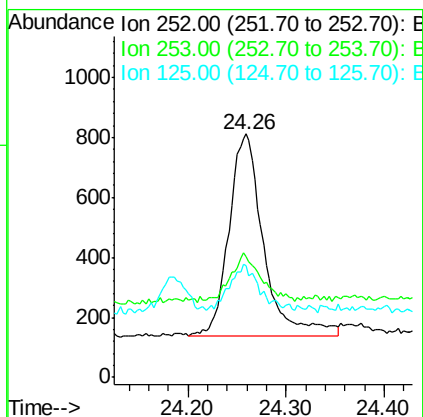
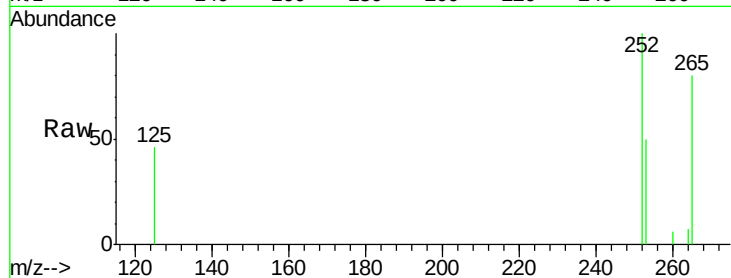
Tgt Ion:252 Resp: 1659

Ion Ratio Lower Upper

252 100

253 49.9 28.5 42.7#

125 45.9 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.057 ng/ul

RT: 26.92 min Scan# 6766

Delta R.T. -0.02 min

Lab File: BN000242.D

Acq: 05 Mar 2018 13:25

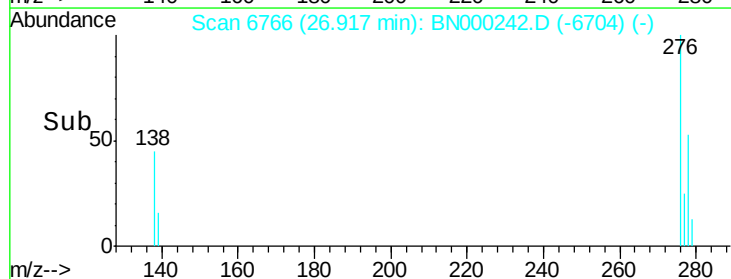
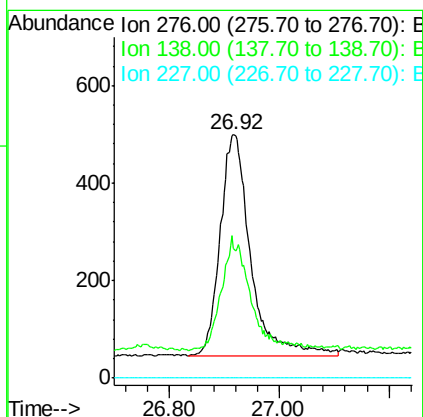
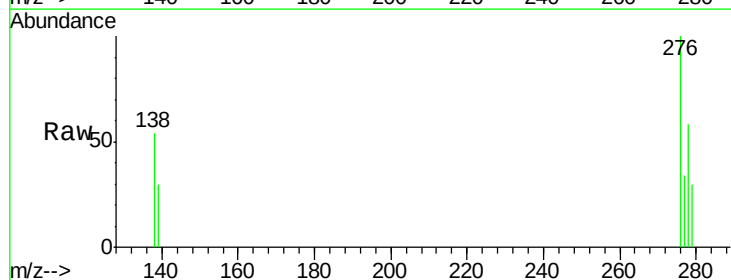
Tgt Ion:276 Resp: 1749

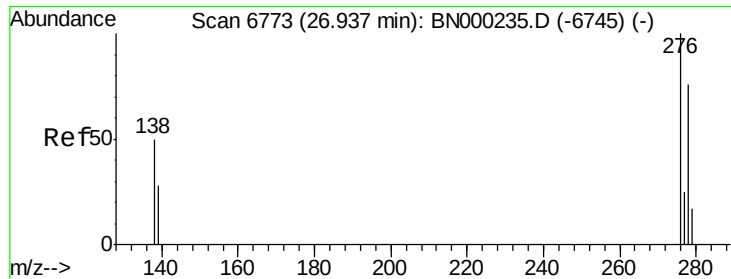
Ion Ratio Lower Upper

276 100

138 47.3 28.0 42.0#

227 0.0 8.0 12.0#

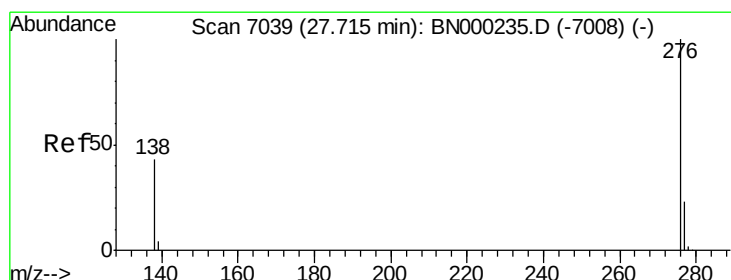
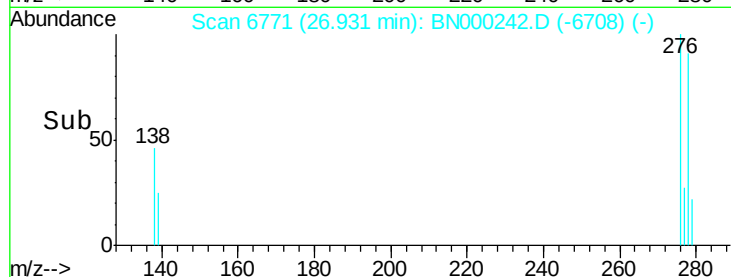
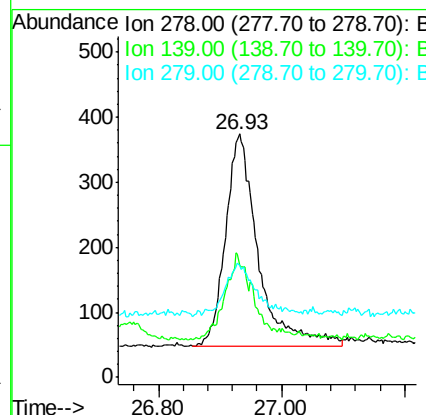
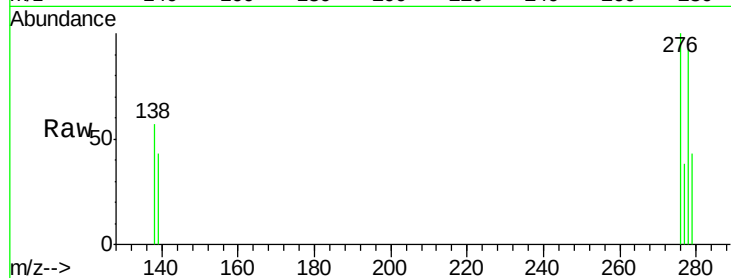




#25
Dibenzo(a,h)anthracene
Concen: 0.054 ng/ul
RT: 26.93 min Scan# 6771
Delta R.T. -0.02 min
Lab File: BN000242.D
Acq: 05 Mar 2018 13:25

Instrument :
BNA_N
ClientSampleId :
MDL-SIM-W-06

Tgt Ion: 278 Resp: 1207
Ion Ratio Lower Upper
278 100
139 46.0 17.4 26.0#
279 46.0 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.058 ng/ul
RT: 27.71 min Scan# 7036
Delta R.T. -0.01 min
Lab File: BN000242.D
Acq: 05 Mar 2018 13:25

Tgt Ion: 276 Resp: 1762
Ion Ratio Lower Upper
276 100
138 50.3 21.8 32.8#
277 31.2 20.5 30.7#

