

Data Path : Z:\HPCHEM1\BNA N\Data\BN030218\
 Data File : BN000232.D
 Acq On : 02 Mar 2018 12:45
 Operator : JU/SJ
 Sample : SSTD3.257
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.257

Quant Time: Mar 05 09:37:22 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 09:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.454	152	2466	0.40	ng/ul	0.00
2) Naphthalene-d8	11.289	136	8415	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.063	164	3851	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.781	188	8543	0.40	ng/ul	0.00
16) Chrysene-d12	21.897	240	8022	0.40	ng/ul	0.00
20) Perylene-d12	24.375	264	6258	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.849	152	37808	3.42	ng/ul	0.00
14) Fluoranthene-d10	19.772	212	78304	3.95	ng/ul	0.00

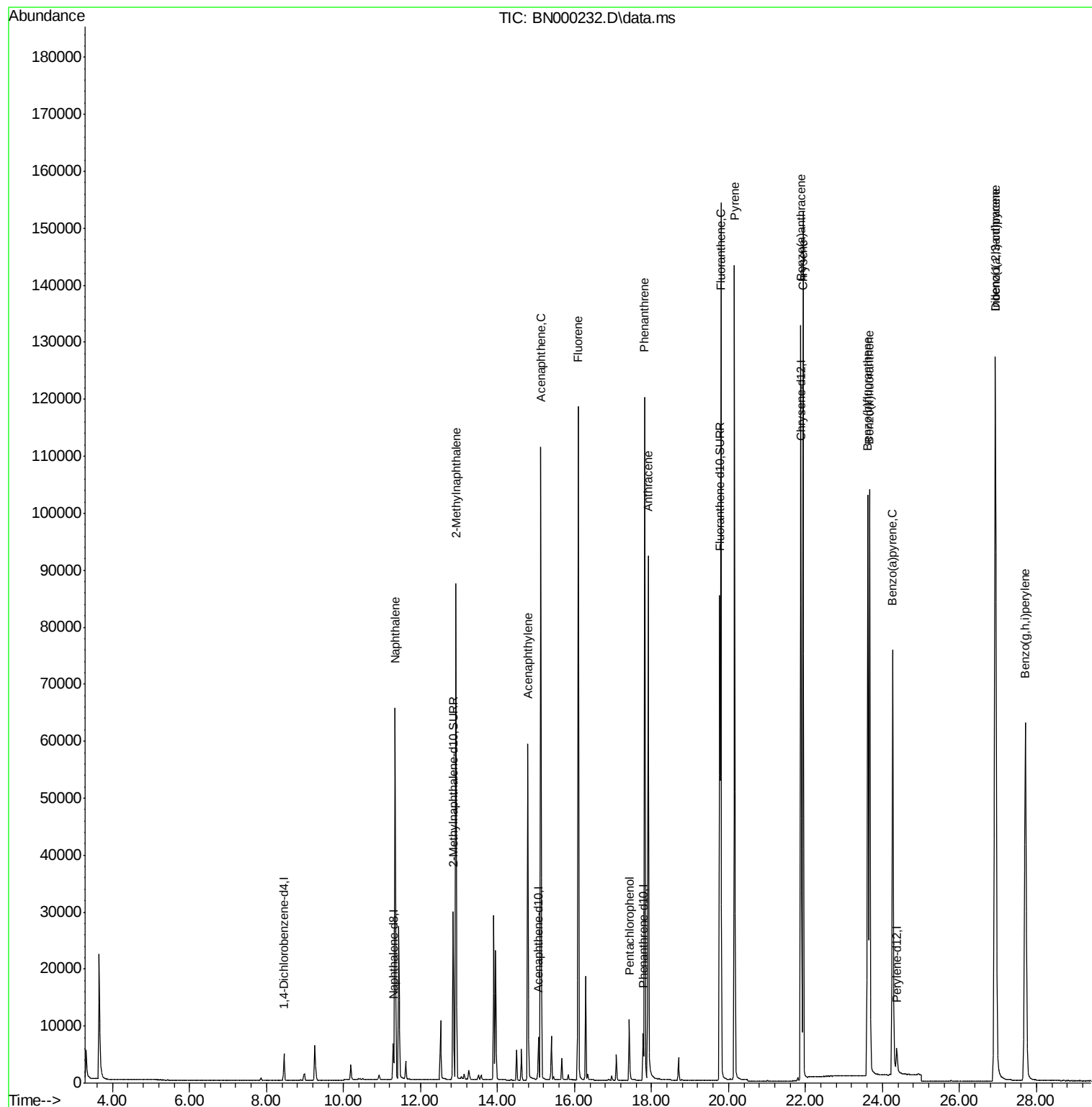
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.343	128	89193	3.31	ng/ul#	88
5) 2-Methylnaphthalene	12.921	142	59118	3.46	ng/ul	99
7) Acenaphthylene	14.790	152	69577	3.63	ng/ul	95
8) Acenaphthene	15.124	153	63513	3.43	ng/ul	95
9) Fluorene	16.098	166	73129	3.64	ng/ul#	92
11) Pentachlorophenol	17.424	266	7450	4.34	ng/ul	98
12) Phenanthrene	17.823	178	123577	3.54	ng/ul#	88
13) Anthracene	17.913	178	104732	4.04	ng/ul#	90
15) Fluoranthene	19.800	202	141425	4.18	ng/ul	62
17) Pyrene	20.159	202	135343	2.87	ng/ul#	55
18) Benzo(a)anthracene	21.880	228	116565	3.70	ng/ul#	83
19) Chrysene	21.935	228	133899	3.12	ng/ul	95
21) Benzo(b)fluoranthene	23.617	252	130088	3.45	ng/ul	86
22) Benzo(k)fluoranthene	23.665	252	130807	3.69	ng/ul#	88
23) Benzo(a)pyrene	24.266	252	114135	3.87	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.929	276	137722	4.14	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.938	278	104906	4.37	ng/ul#	78
26) Benzo(g,h,i)perylene	27.714	276	121607	3.71	ng/ul#	83

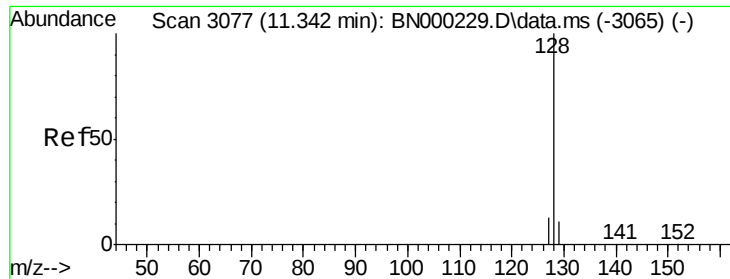
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.31 ng/ul

RT: 11.343 min Scan# 3077

Delta R.T. 0.000 min

Lab File: BN000232.D

Acq: 02 Mar 2018 12:45

Instrument :

BNA_N

ClientSampleId :

SSTD3.257

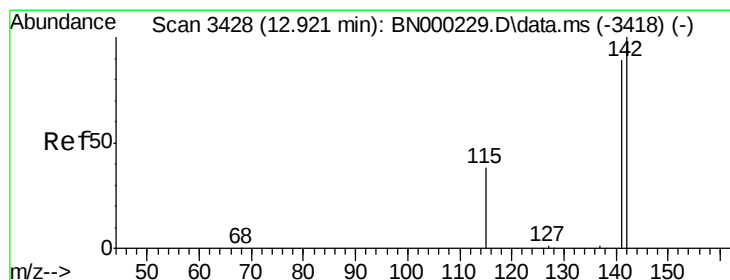
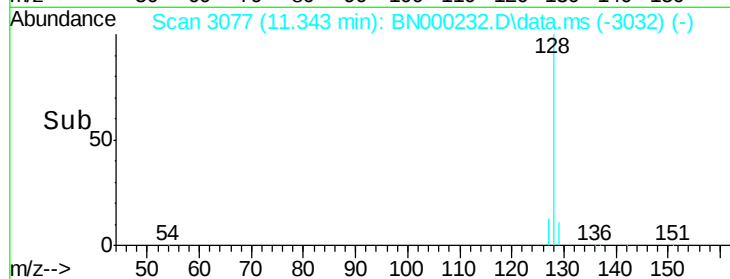
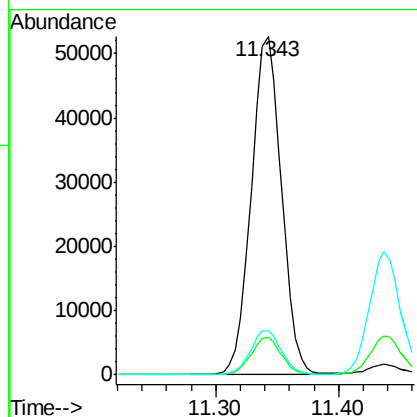
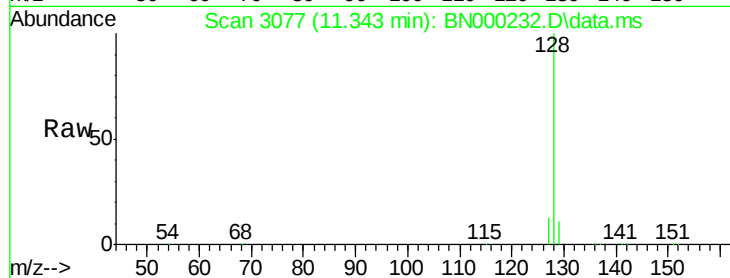
Tot Ion:128 Resp: 89193

Ion Ratio Lower Upper

128 100

129 10.9 11.3 16.9#

127 13.1 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 3.46 ng/ul

RT: 12.921 min Scan# 3428

Delta R.T. 0.000 min

Lab File: BN000232.D

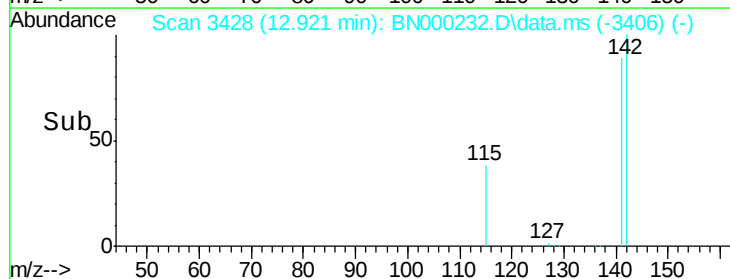
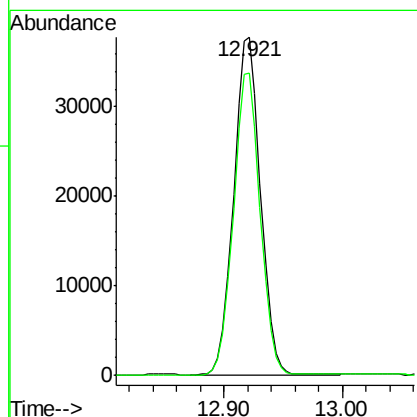
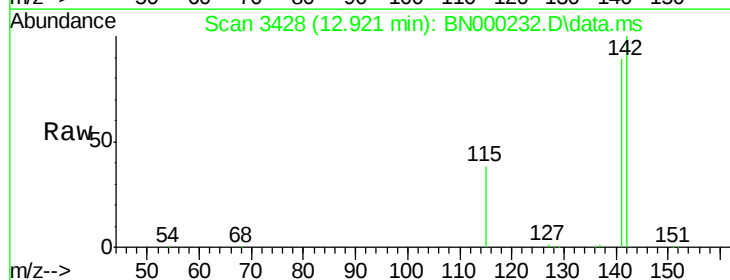
Acq: 02 Mar 2018 12:45

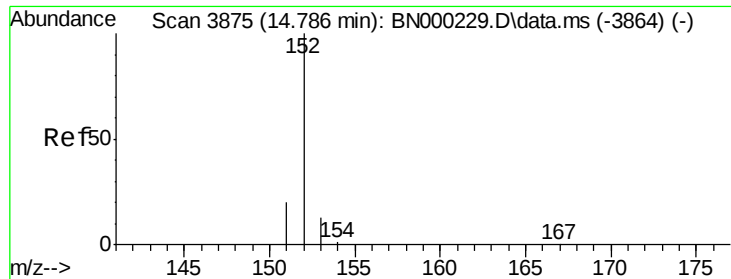
Tgt Ion:142 Resp: 59118

Ion Ratio Lower Upper

142 100

141 89.5 72.6 108.8





#7

Acenaphthylene

Concen: 3.63 ng/ul

RT: 14.790 min Scan# 38

Delta R.T. 0.004 min

Lab File: BN000232.D

Acq: 02 Mar 2018 12:45

Instrument :

BNA_N

ClientSampleId :

SSTD3.257

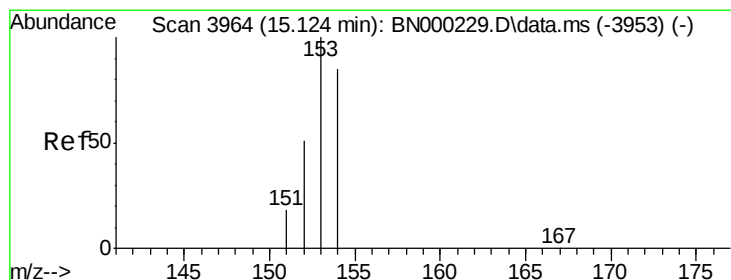
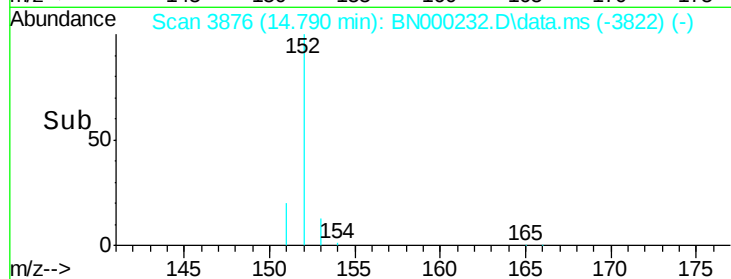
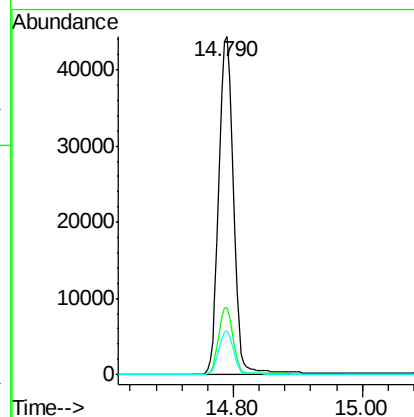
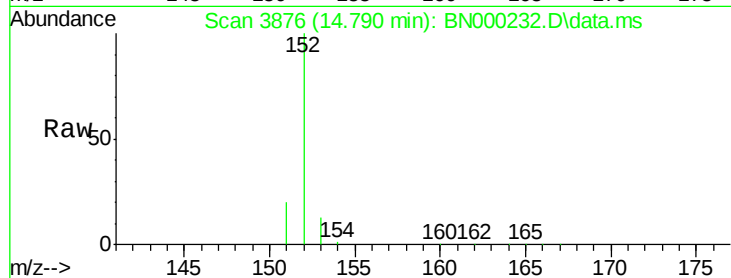
Tot Ion:152 Resp: 69577

Ion Ratio Lower Upper

152 100

151 19.7 17.1 25.7

153 12.9 12.8 19.2



#8

Acenaphthene

Concen: 3.43 ng/ul

RT: 15.124 min Scan# 3964

Delta R.T. 0.000 min

Lab File: BN000232.D

Acq: 02 Mar 2018 12:45

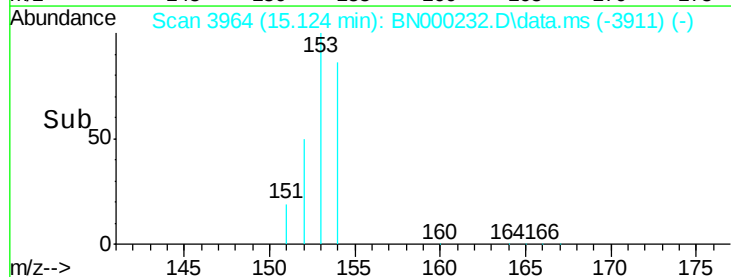
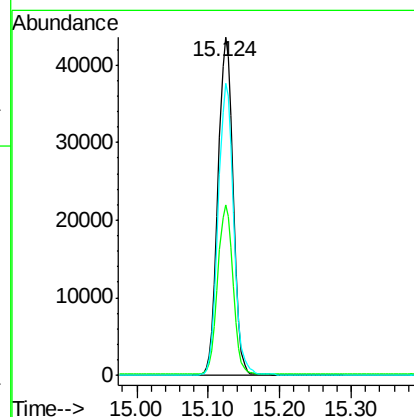
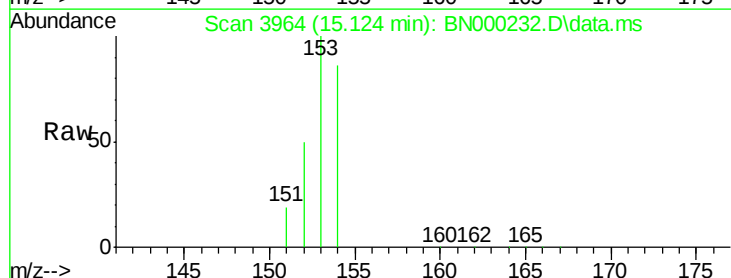
Tgt Ion:153 Resp: 63513

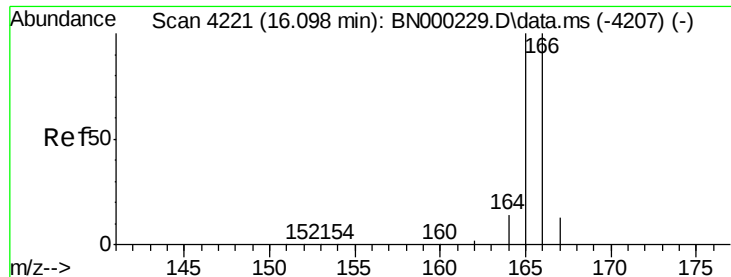
Ion Ratio Lower Upper

153 100

152 50.5 36.0 54.0

154 86.3 72.0 108.0

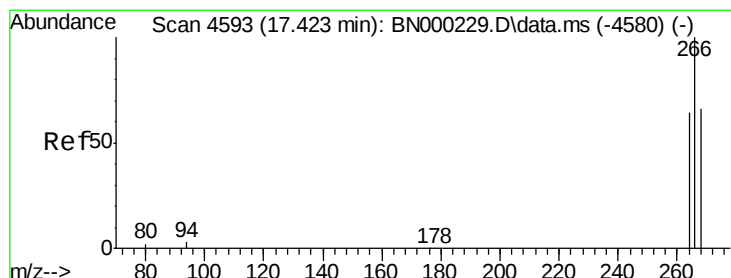
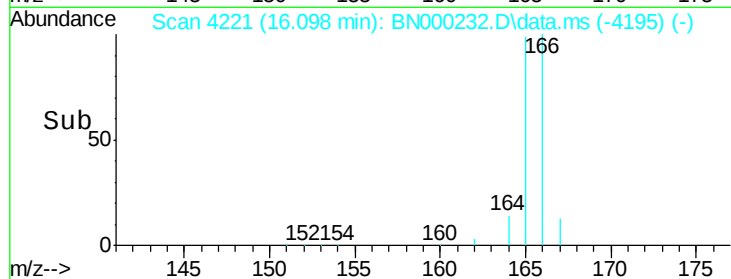
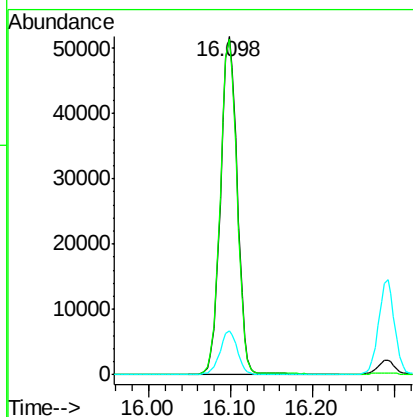
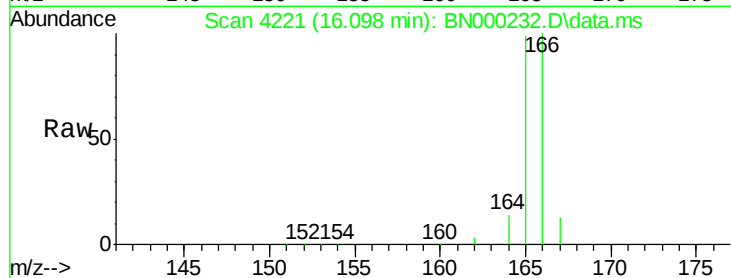




#9
Fluorene
 Concen: 3.64 ng/ul
 RT: 16.098 min Scan# 42
 Delta R.T. 0.000 min
 Lab File: BN000232.D
 Acq: 02 Mar 2018 12:45

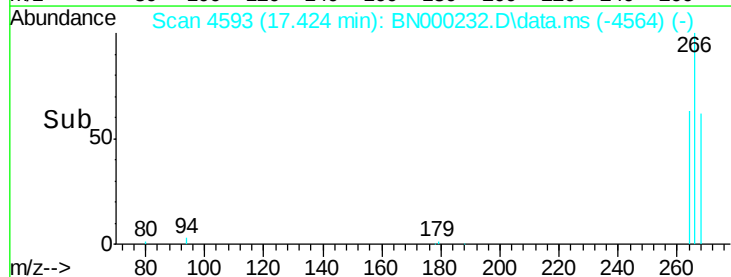
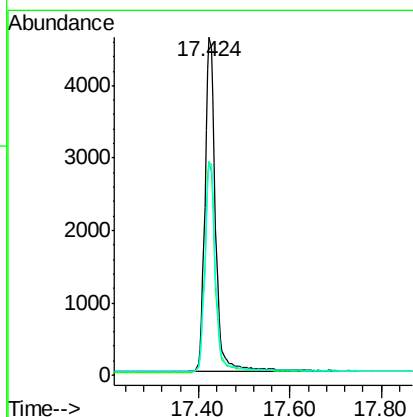
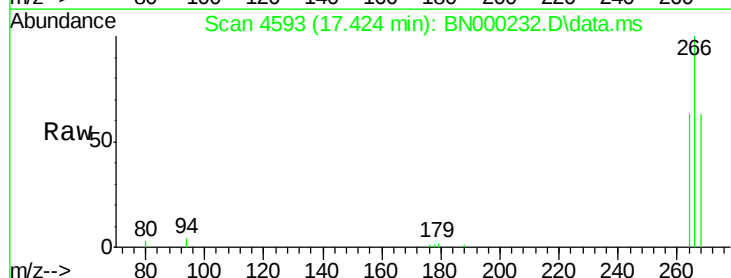
Instrument :
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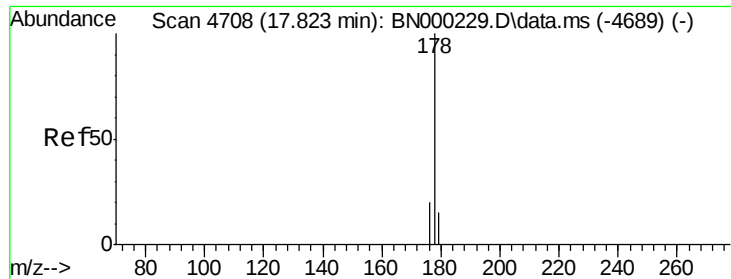
Tot Ion:166 Resp: 73129
 Ion Ratio Lower Upper
 166 100
 165 99.1 73.4 110.2
 167 13.0 14.6 22.0#



#11
Pentachlorophenol
 Concen: 4.34 ng/ul
 RT: 17.424 min Scan# 4593
 Delta R.T. 0.000 min
 Lab File: BN000232.D
 Acq: 02 Mar 2018 12:45

Tgt Ion:266 Resp: 7450
 Ion Ratio Lower Upper
 266 100
 264 62.4 47.9 71.9
 268 63.2 49.8 74.8





#12

Phenanthrene

Concen: 3.54 ng/ul

RT: 17.823 min Scan# 47

Delta R.T. 0.000 min

Lab File: BN000232.D

Acq: 02 Mar 2018 12:45

Instrument :

BNA_N

ClientSampleId :

SSTD3.257

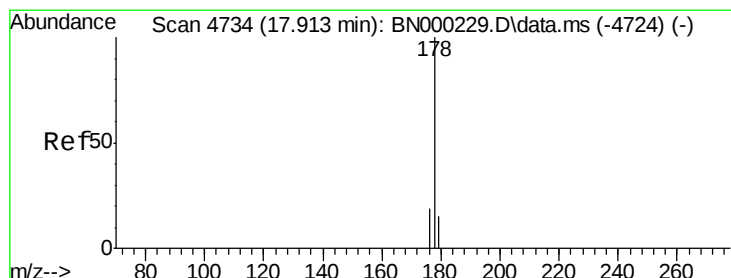
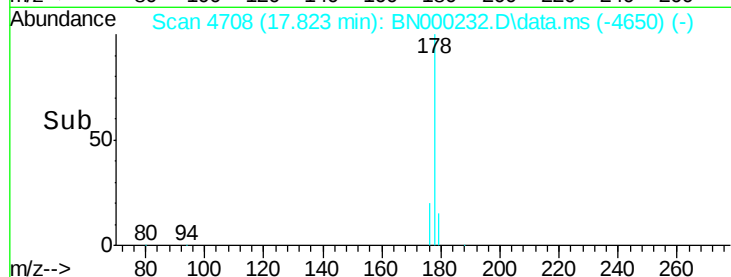
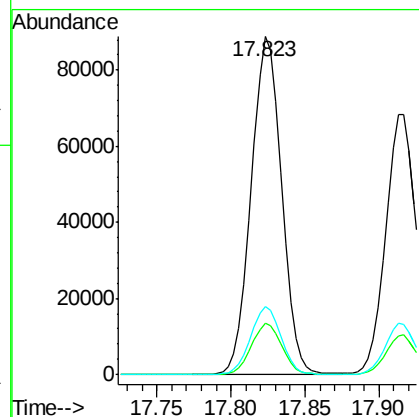
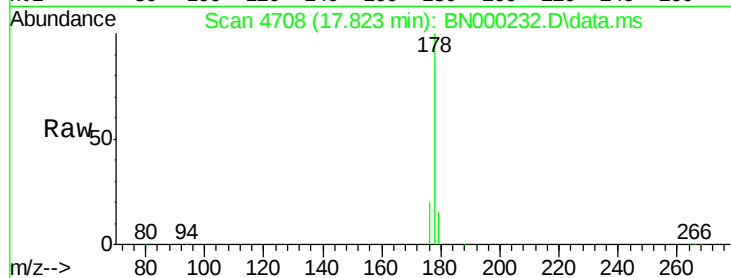
Tot Ion:178 Resp: 123577

Ion Ratio Lower Upper

178 100

179 15.1 18.4 27.6#

176 20.1 13.6 20.4



#13

Anthracene

Concen: 4.04 ng/ul

RT: 17.913 min Scan# 4734

Delta R.T. 0.000 min

Lab File: BN000232.D

Acq: 02 Mar 2018 12:45

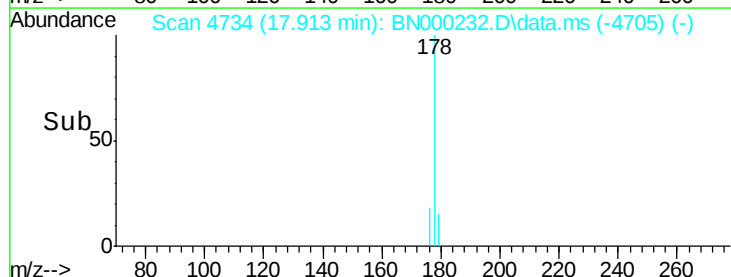
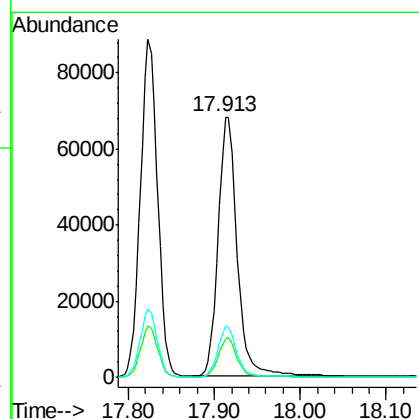
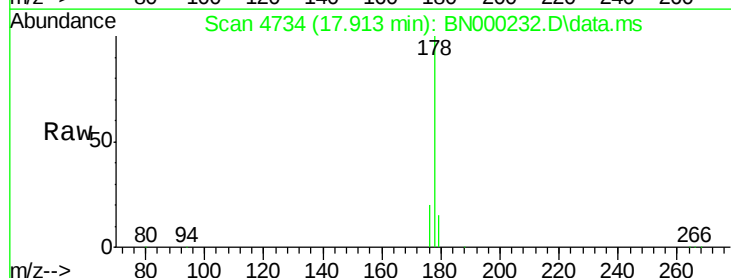
Tgt Ion:178 Resp: 104732

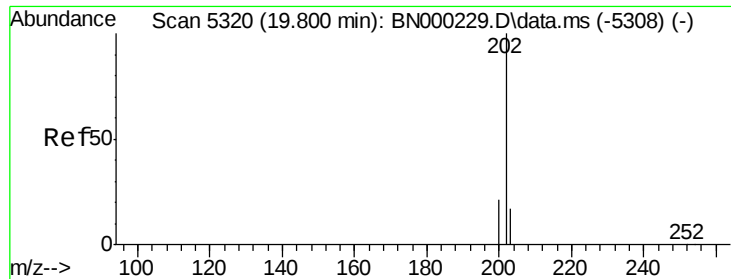
Ion Ratio Lower Upper

178 100

179 15.0 18.1 27.1#

176 19.6 14.7 22.1

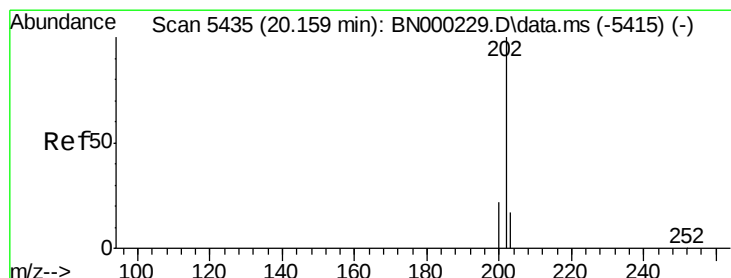
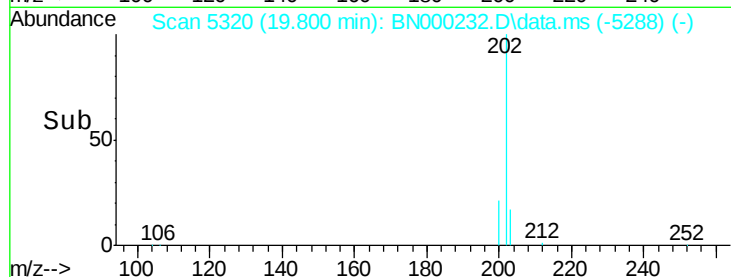
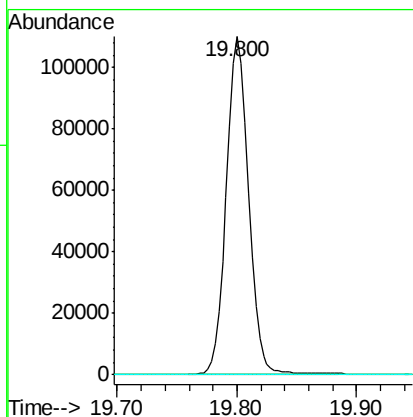
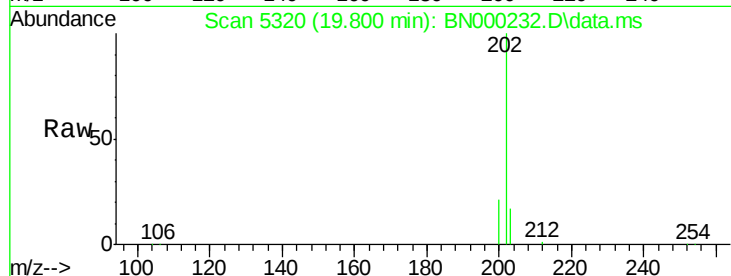




#15
Fluoranthene
 Concen: 4.18 ng/ul
 RT: 19.800 min Scan# 531
 Delta R.T. -0.000 min
 Lab File: BN000232.D
 Acq: 02 Mar 2018 12:45

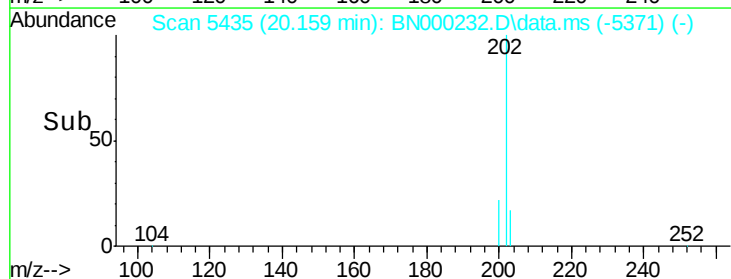
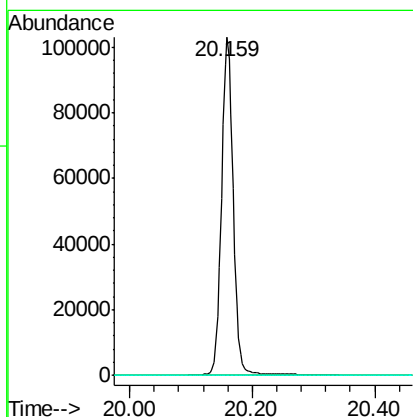
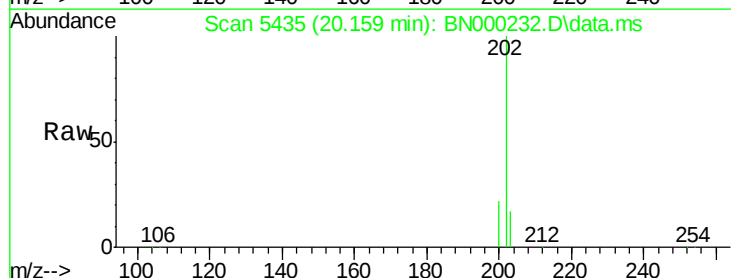
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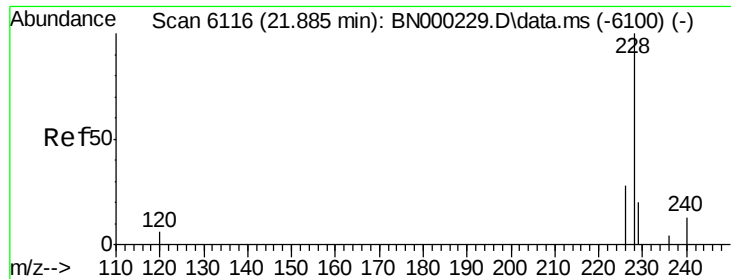
Tot Ion:	202	Resp:	141425
Ion Ratio	Lower	Upper	
202	100		
101	0.0	0.0	30.3
100	0.0	0.0	39.5



#17
Pyrene
 Concen: 2.87 ng/ul
 RT: 20.159 min Scan# 5435
 Delta R.T. -0.000 min
 Lab File: BN000232.D
 Acq: 02 Mar 2018 12:45

Tgt Ion:	202	Resp:	135343
Ion Ratio	Lower	Upper	
202	100		
101	0.0	18.2	27.4#
100	0.0	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 3.70 ng/ul

RT: 21.880 min Scan# 6116

Delta R.T. -0.005 min

Lab File: BN000232.D

Acq: 02 Mar 2018 12:45

Instrument :

BNA_N

ClientSampleId :

SSTD3.257

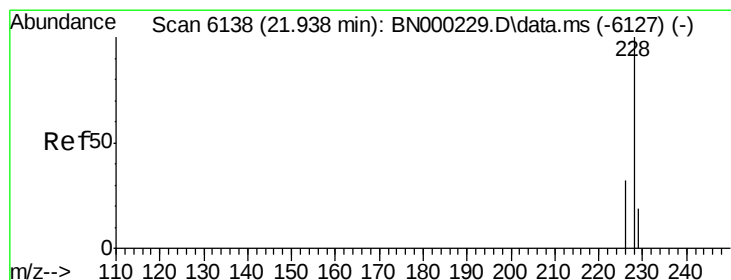
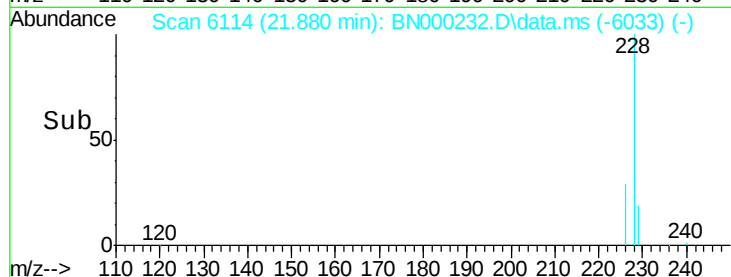
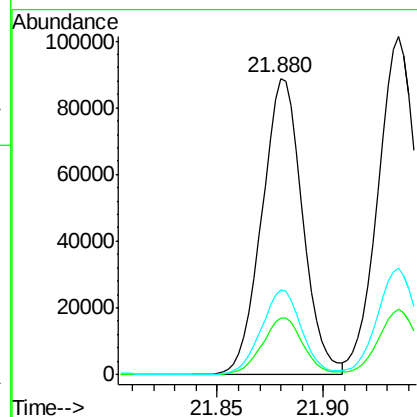
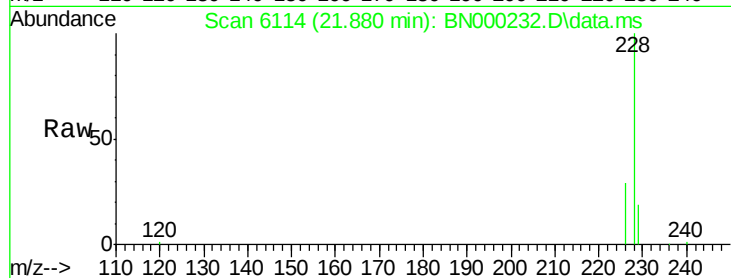
Tot Ion:228 Resp: 116565

Ion Ratio Lower Upper

228 100

229 19.2 22.8 34.2#

226 28.5 17.0 25.6#



#19

Chrysene

Concen: 3.12 ng/ul

RT: 21.935 min Scan# 6137

Delta R.T. -0.003 min

Lab File: BN000232.D

Acq: 02 Mar 2018 12:45

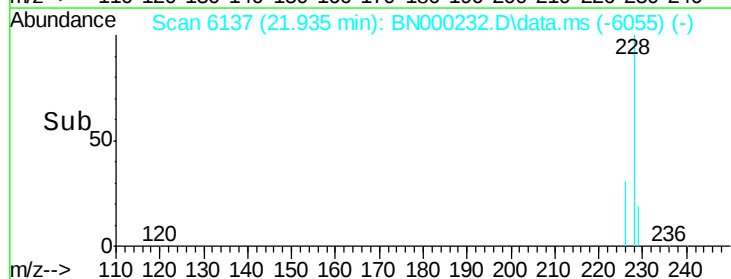
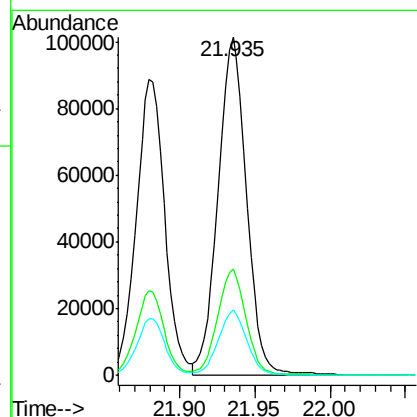
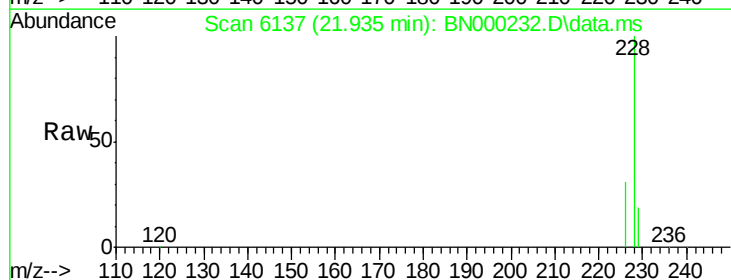
Tgt Ion:228 Resp: 133899

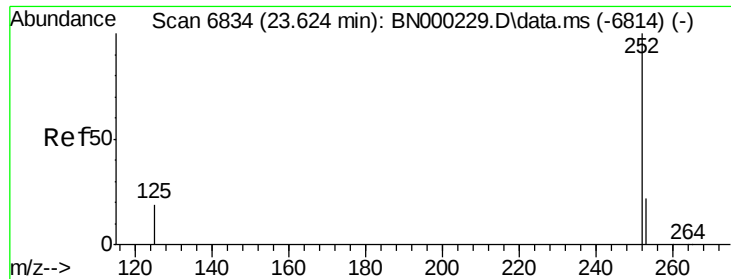
Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.0

229 19.2 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 3.45 ng/u1

RT: 23.617 min Scan# 68

Delta R.T. -0.007 min

Lab File: BN000232.D

Acq: 02 Mar 2018 12:45

Instrument :

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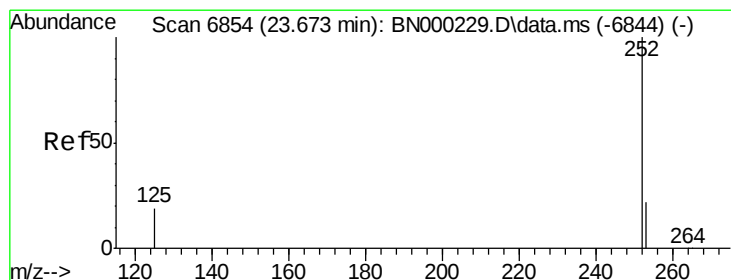
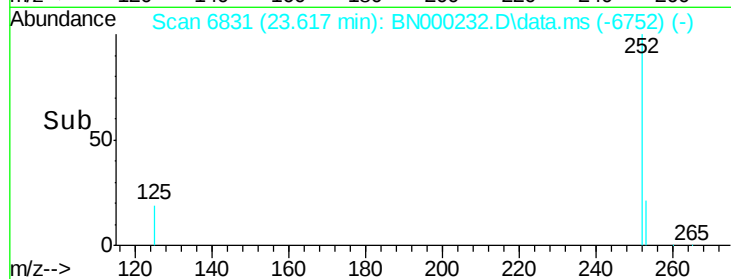
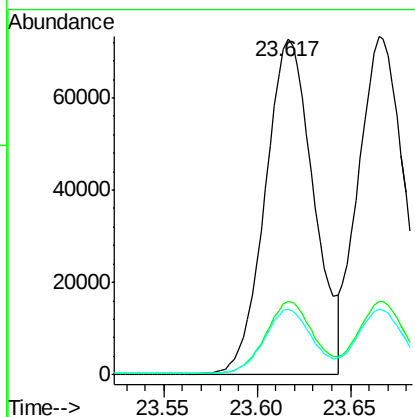
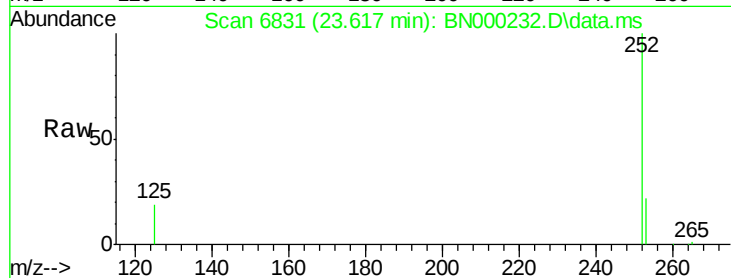
Tot Ion:252 Resp: 130088

Ion Ratio Lower Upper

252 100

253 21.7 0.0 64.2

125 19.4 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 3.69 ng/u1

RT: 23.665 min Scan# 6851

Delta R.T. -0.007 min

Lab File: BN000232.D

Acq: 02 Mar 2018 12:45

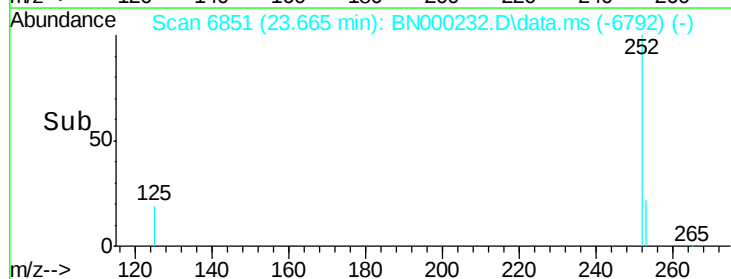
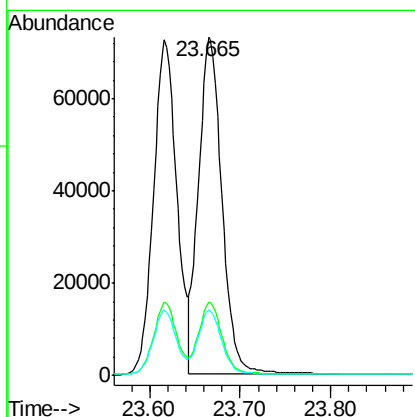
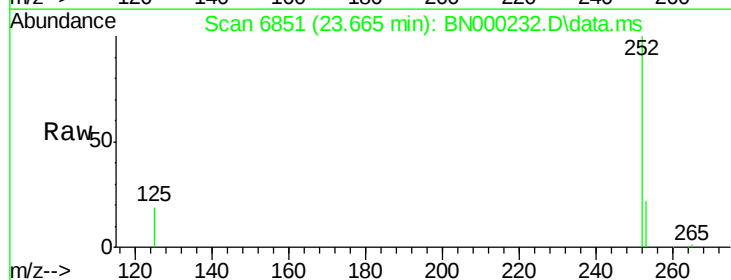
Tgt Ion:252 Resp: 130807

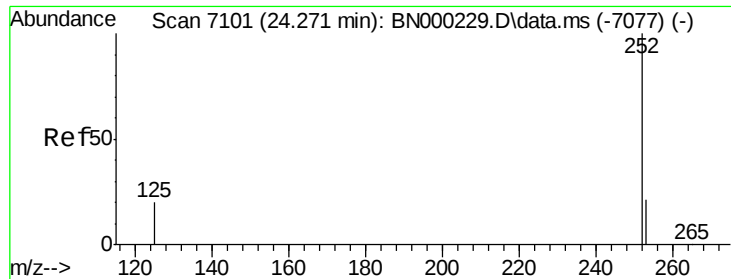
Ion Ratio Lower Upper

252 100

253 21.8 24.5 36.7#

125 19.3 13.7 20.5





#23

Benzo(a)pyrene

Concen: 3.87 ng/ul

RT: 24.266 min Scan# 70

Delta R.T. -0.005 min

Lab File: BN000232.D

Acq: 02 Mar 2018 12:45

Instrument :

BNA_N

ClientSampleId :

SSTD3.257

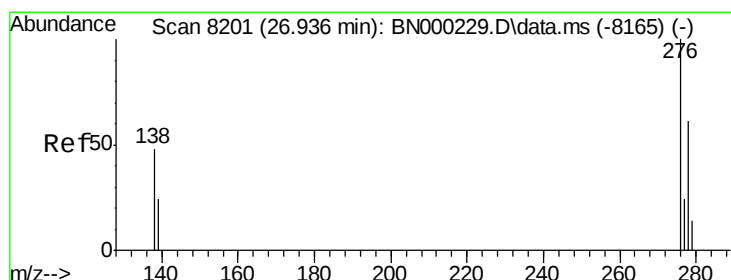
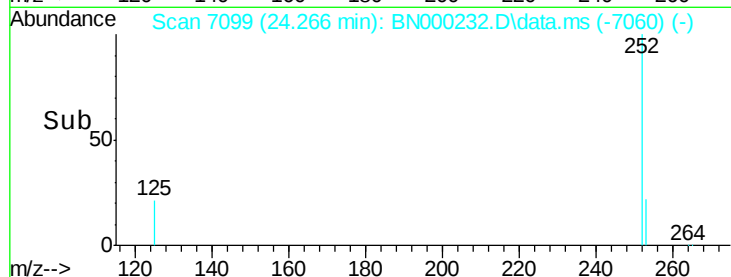
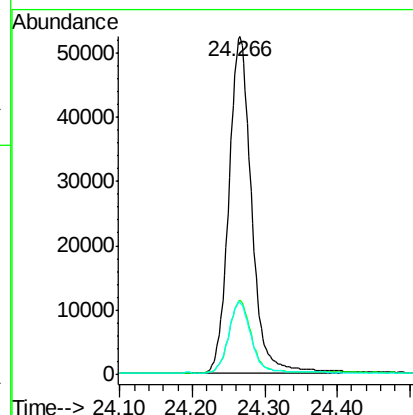
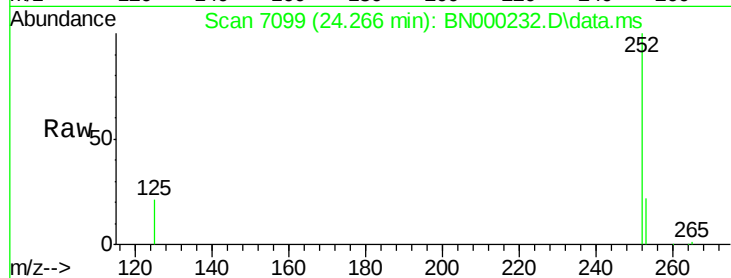
Tot Ion:252 Resp: 114135

Ion Ratio Lower Upper

252 100

253 22.0 28.5 42.7#

125 21.4 18.1 27.1



#24

Indeno(1,2,3-cd)pyrene

Concen: 4.14 ng/ul

RT: 26.929 min Scan# 8198

Delta R.T. -0.007 min

Lab File: BN000232.D

Acq: 02 Mar 2018 12:45

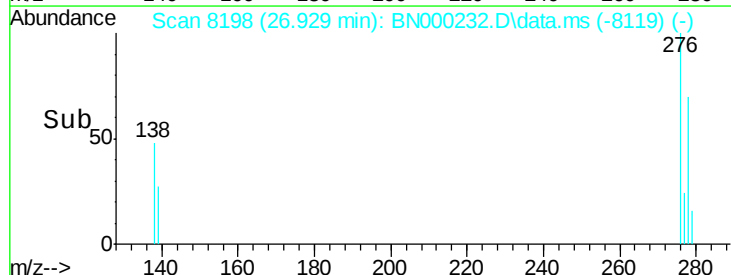
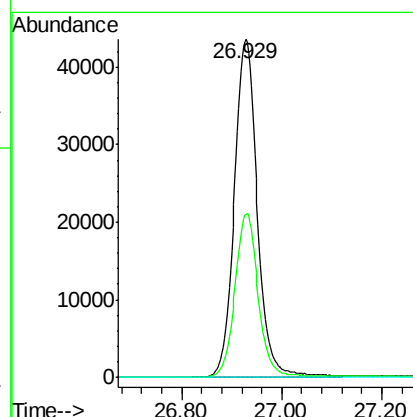
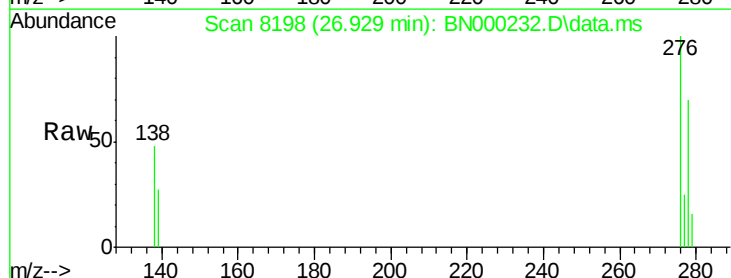
Tgt Ion:276 Resp: 137722

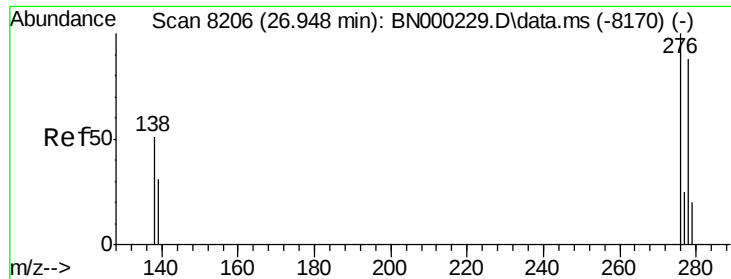
Ion Ratio Lower Upper

276 100

138 49.1 28.0 42.0#

227 0.0 8.0 12.0#





#25

Dibenzo(a,h)anthracene

Concen: 4.37 ng/ul

RT: 26.938 min Scan# 82

Delta R.T. -0.010 min

Lab File: BN000232.D

Acq: 02 Mar 2018 12:45

Instrument :

BNA_N

ClientSampleId :

SSTD3.257

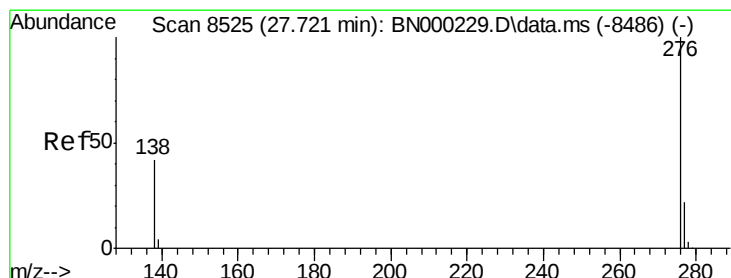
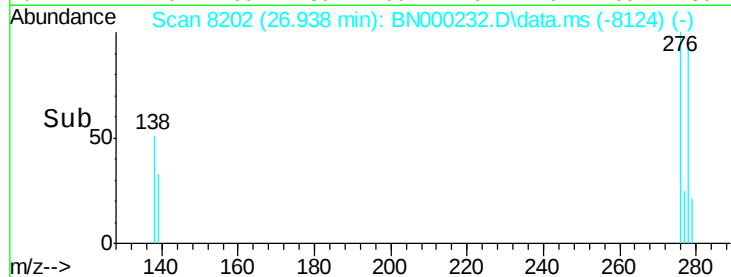
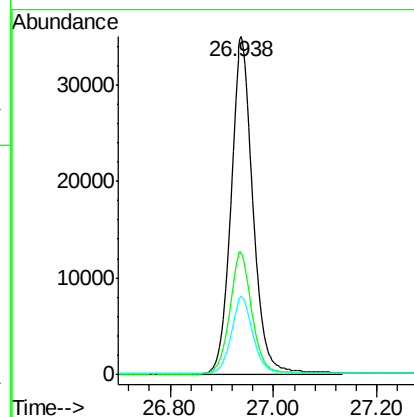
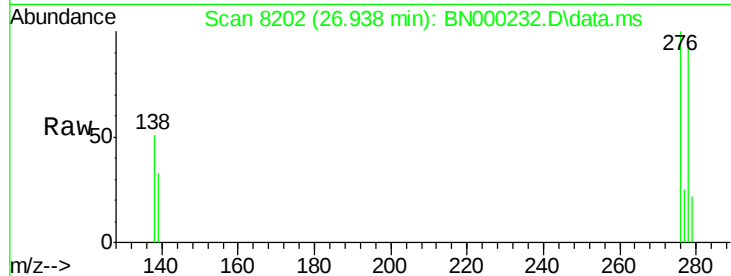
Tot Ion:278 Resp: 104906

Ion Ratio Lower Upper

278 100

139 36.1 17.4 26.0#

279 23.2 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 3.71 ng/ul

RT: 27.714 min Scan# 8522

Delta R.T. -0.007 min

Lab File: BN000232.D

Acq: 02 Mar 2018 12:45

Tgt Ion:276 Resp: 121607

Ion Ratio Lower Upper

276 100

138 42.7 21.8 32.8#

277 23.4 20.5 30.7

