

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006552.D
 Acq On : 25 Jun 2019 03:32
 Operator : HP/JU
 Sample : K3388-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4218

Quant Time: Jun 25 04:10:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

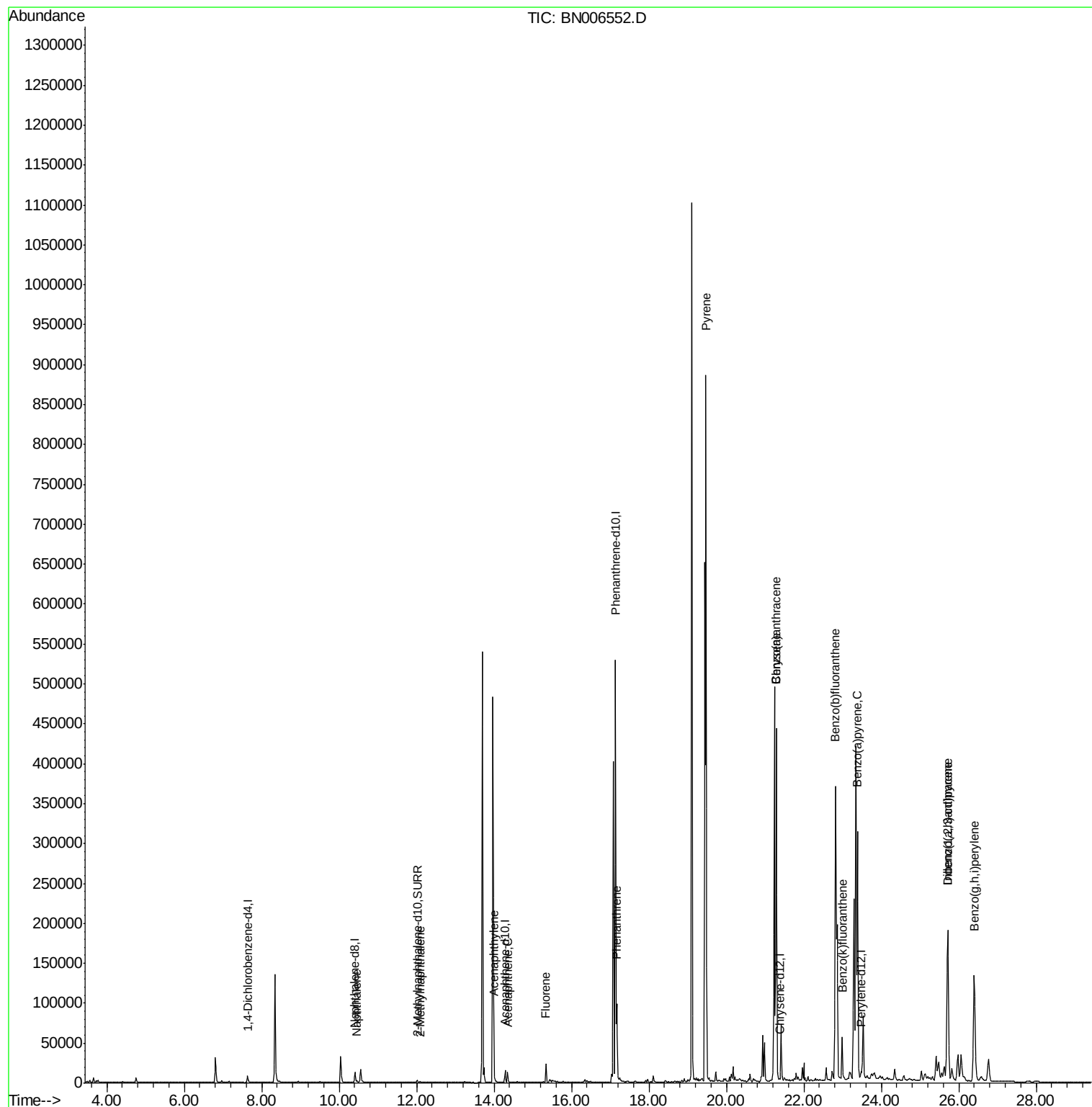
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4982	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	17639	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	7993	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.14	188	566263	0.40	ng/ul	0.10
16) Chrysene-d12	21.38	240	45	0.40	ng/ul	0.11
20) Perylene-d12	23.48	264	10737	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	3782	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.17	212	114	0.00	ng/ul	0.09
Target Compounds					Qvalue	
3) Naphthalene	10.46	128	2905	0.060	ng/ul#	91
5) 2-Methylnaphthalene	12.09	142	890	0.026	ng/ul	98
7) Acenaphthylene	14.00	152	3630	0.082	ng/ul#	95
8) Acenaphthene	14.34	153	7986	0.259	ng/ul	99
9) Fluorene	15.34	166	14944	0.414	ng/ul	98
12) Phenanthrene	17.17	178	97611	0.054	ng/ul	99
17) Pyrene	19.48	202	733575	3094.806	ng/ul	97
18) Benzo(a)anthracene	21.29	228	440482	2213.160	ng/ul	97
19) Chrysene	21.29	228	435775	2332.305	ng/ul	99
21) Benzo(b)fluoranthene	22.81	252	799541	17.859	ng/ul	89
22) Benzo(k)fluoranthene	22.99	252	41794	0.958	ng/ul	96
23) Benzo(a)pyrene	23.38	252	394124	9.452	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.71	276	284770	6.310	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.71	278	70306	1.949	ng/ul	94
26) Benzo(g,h,i)perylene	26.40	276	261240	6.911	ng/ul	93

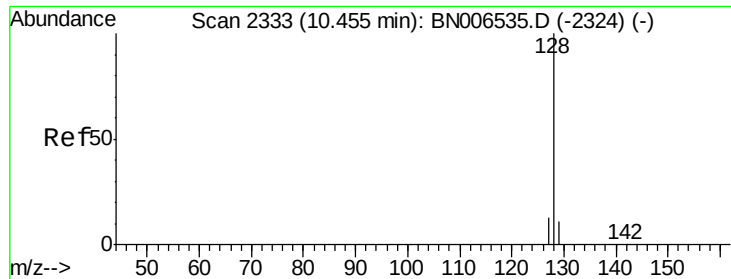
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
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#3

Naphthalene

Concen: 0.060 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

Instrument :

BNA_N

ClientSampleId :

A4218

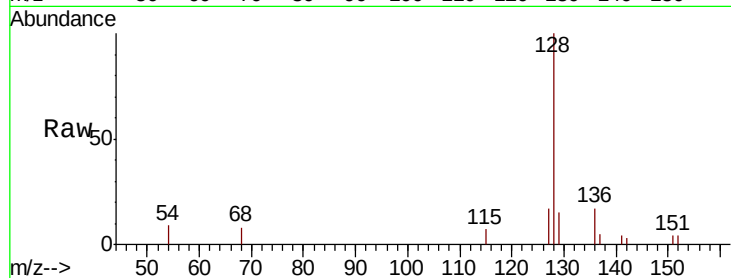
Tgt Ion:128 Resp: 2905

Ion Ratio Lower Upper

128 100

129 15.2 9.3 13.9#

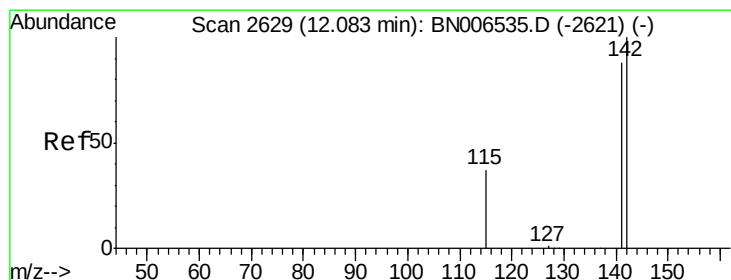
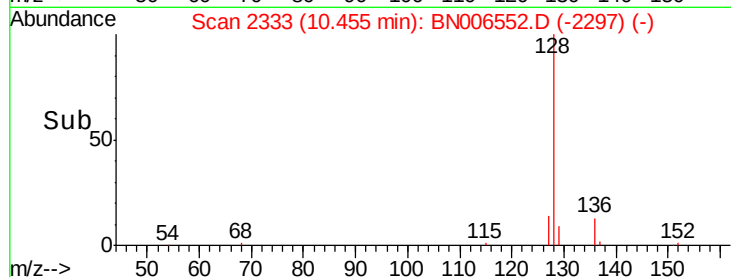
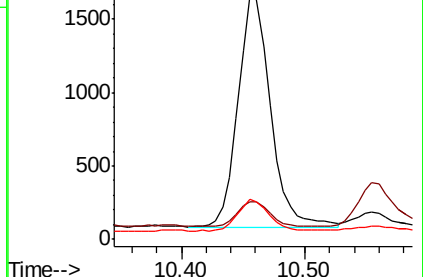
127 16.5 10.7 16.1#



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: 0.026 ng/ul

RT: 12.09 min Scan# 2630

Delta R.T. 0.01 min

Lab File: BN006552.D

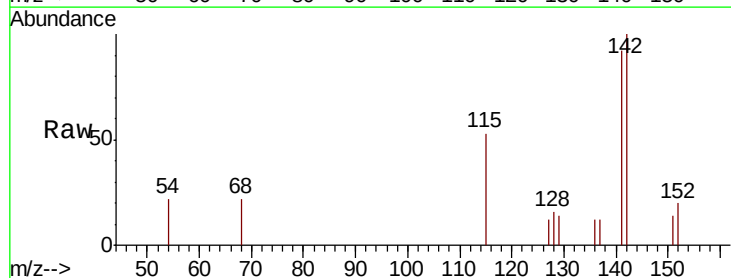
Acq: 25 Jun 2019 03:32

Tgt Ion:142 Resp: 890

Ion Ratio Lower Upper

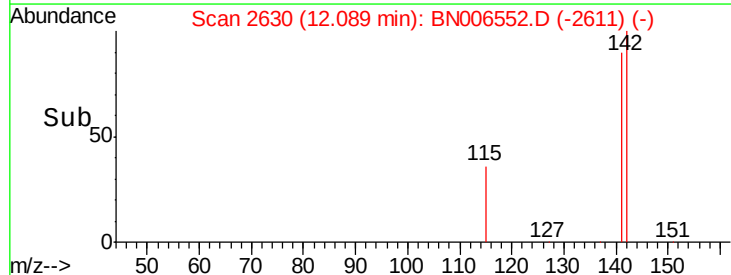
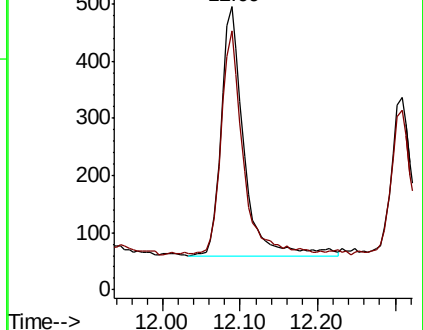
142 100

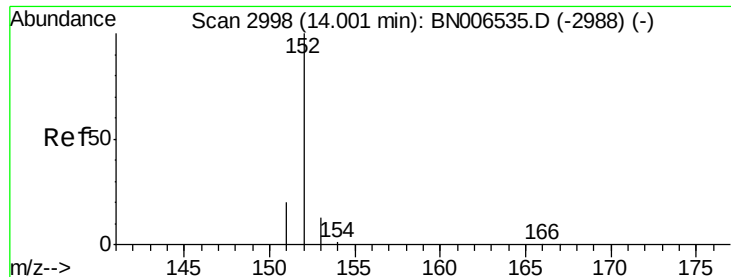
141 86.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.082 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

Instrument :

BNA_N

ClientSampled :

A4218

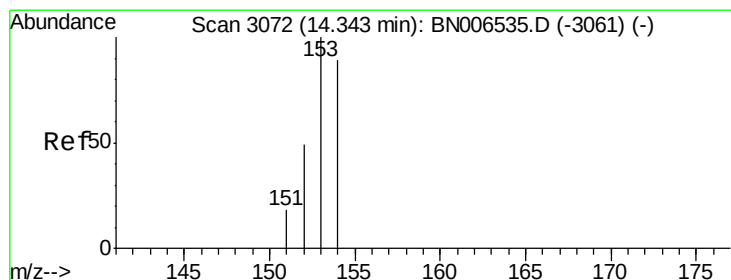
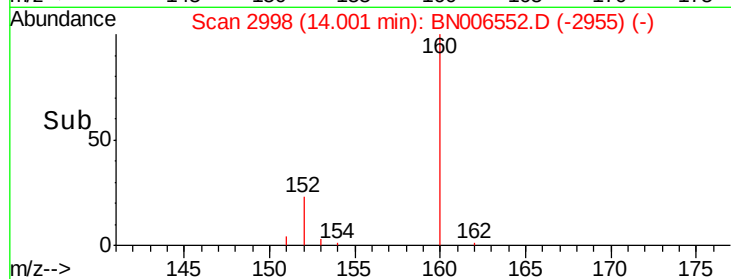
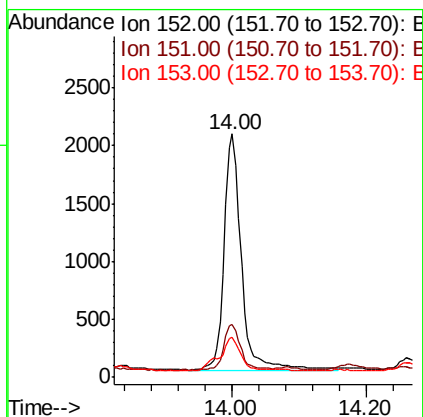
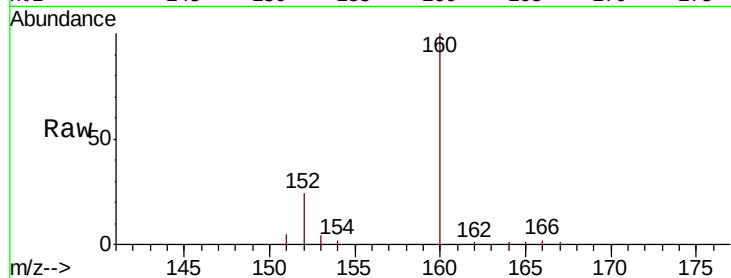
Tgt Ion:152 Resp: 3630

Ion Ratio Lower Upper

152 100

151 21.5 15.8 23.8

153 16.4 10.8 16.2#



#8

Acenaphthene

Concen: 0.259 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. 0.00 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

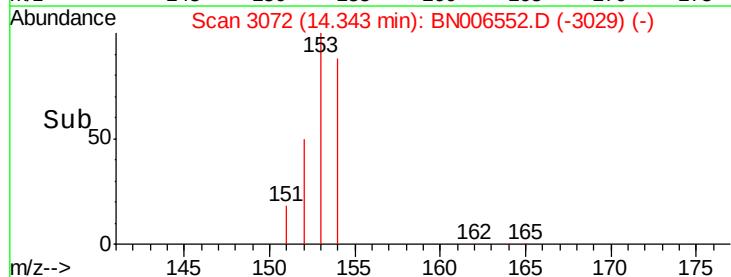
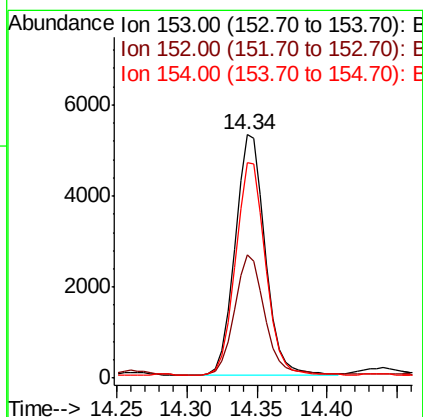
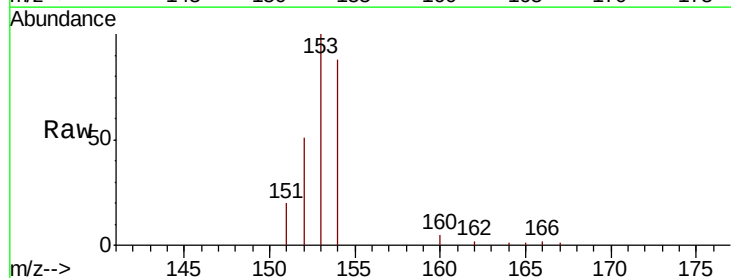
Tgt Ion:153 Resp: 7986

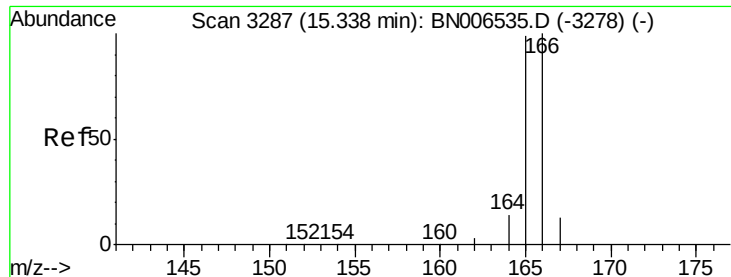
Ion Ratio Lower Upper

153 100

152 50.5 39.1 58.7

154 88.5 71.1 106.7





#9

Fluorene

Concen: 0.414 ng/ul

RT: 15.34 min Scan# 3287

Delta R.T. 0.00 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

Instrument :

BNA_N

ClientSampleId :

A4218

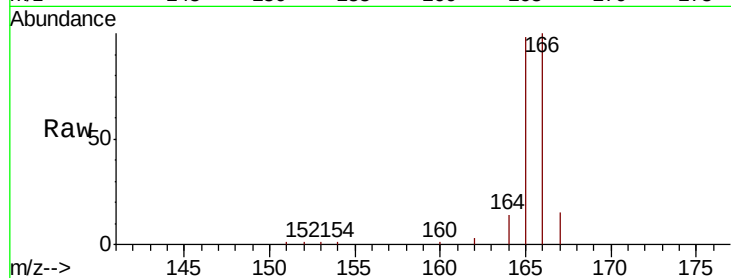
Tgt Ion:166 Resp: 14944

Ion Ratio Lower Upper

166 100

165 97.8 76.4 114.6

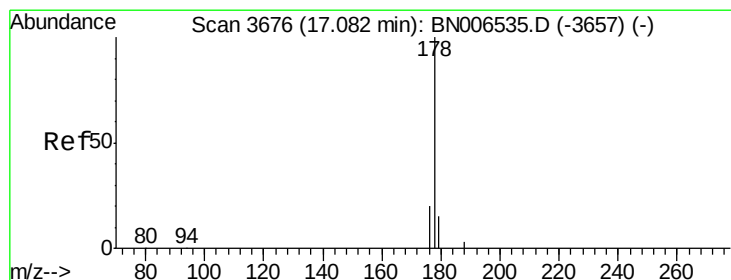
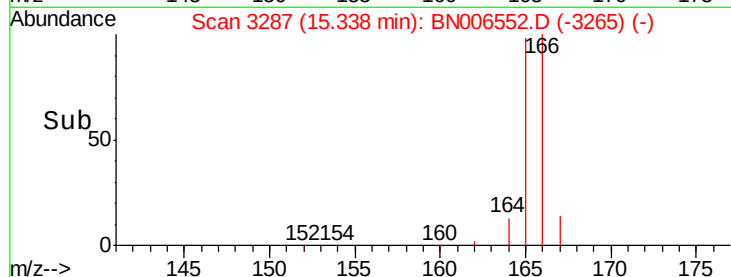
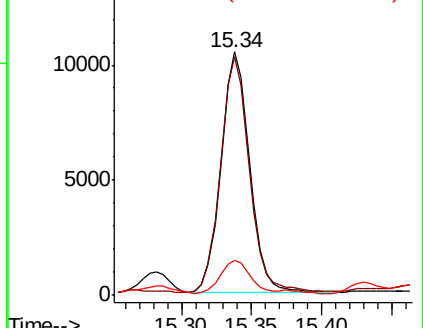
167 14.6 11.0 16.6



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



#12

Phenanthrene

Concen: 0.054 ng/ul

RT: 17.17 min Scan# 3697

Delta R.T. 0.09 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

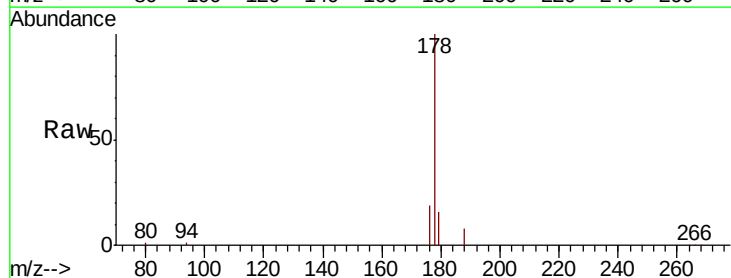
Tgt Ion:178 Resp: 97611

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

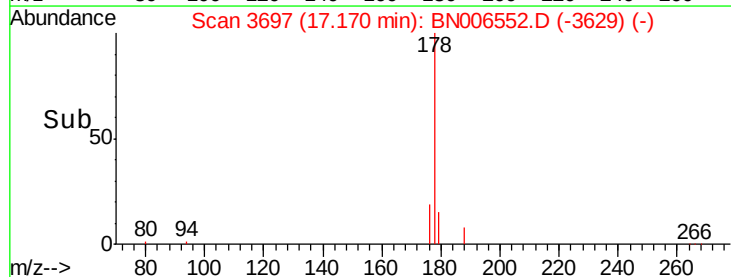
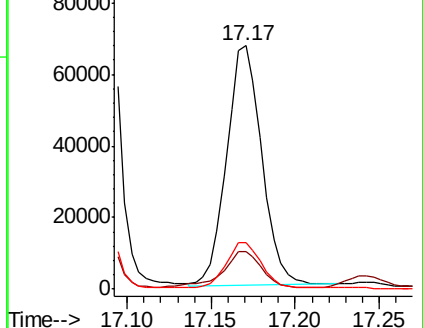
176 18.8 15.3 22.9

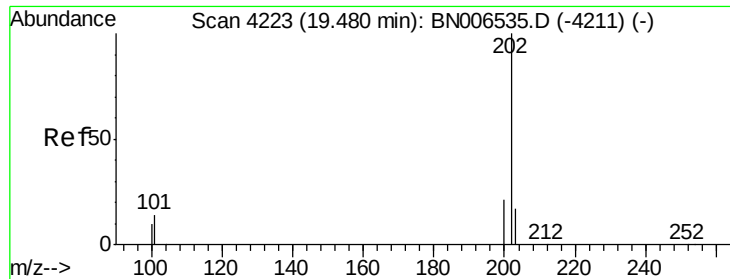


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

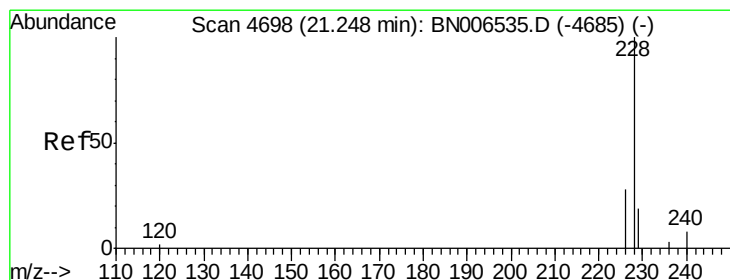
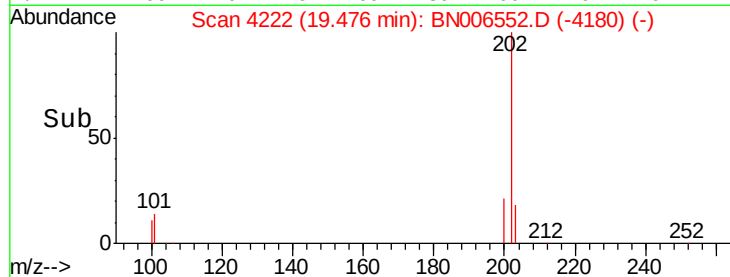
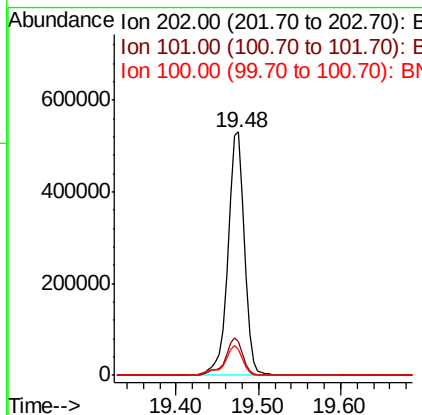
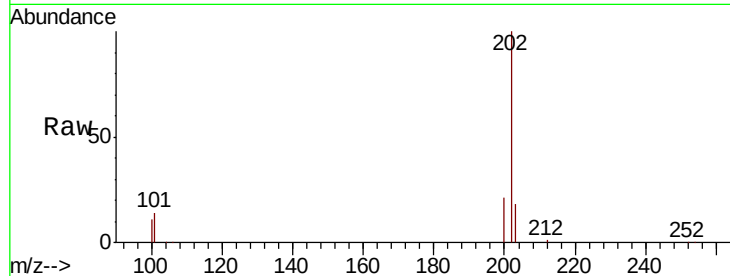




#17
 Pyrene
 Concen: 3094.806 ng/ul
 RT: 19.48 min Scan# 4222
 Delta R.T. -0.00 min
 Lab File: BN006552.D
 Acq: 25 Jun 2019 03:32

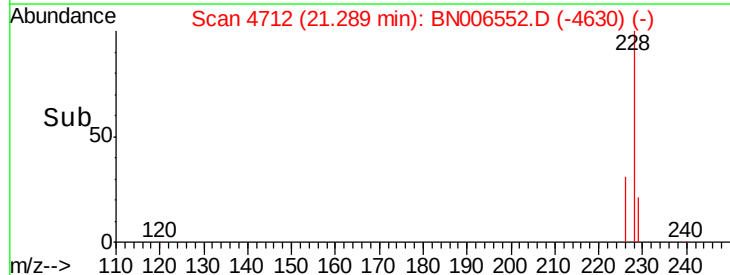
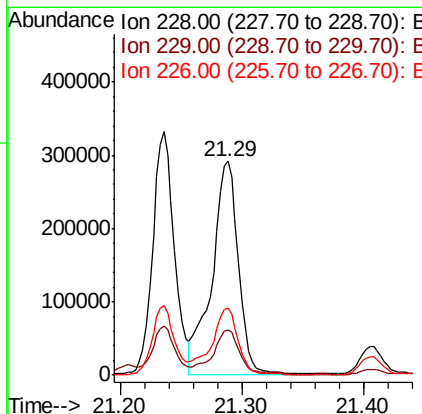
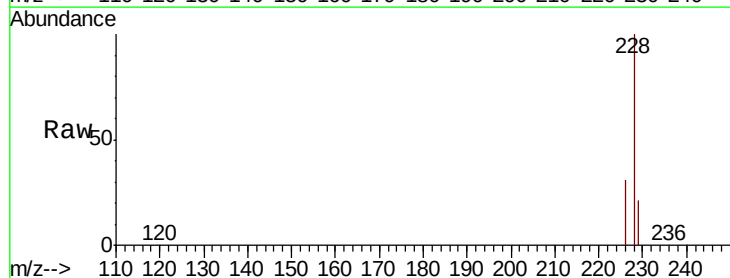
Instrument :
 BNA_N
 ClientSampleId :
 A4218

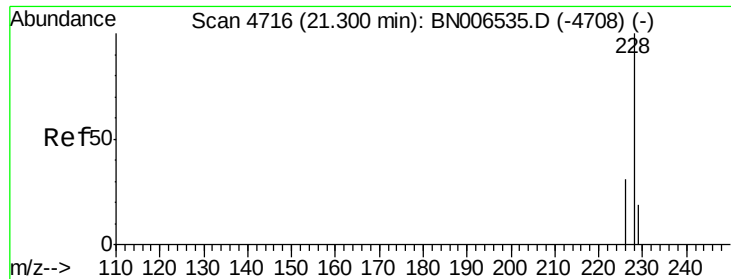
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	12.2	18.2
100	10.6	9.8	14.6



#18
 Benzo(a)anthracene
 Concen: 2213.160 ng/ul
 RT: 21.29 min Scan# 4712
 Delta R.T. 0.04 min
 Lab File: BN006552.D
 Acq: 25 Jun 2019 03:32

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.5	24.7
226	31.1	22.8	34.2





#19

Chrysene

Concen: 2332.305 ng/ul

RT: 21.29 min Scan# 4712

Delta R.T. -0.01 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

Instrument :

BNA_N

ClientSampleId :

A4218

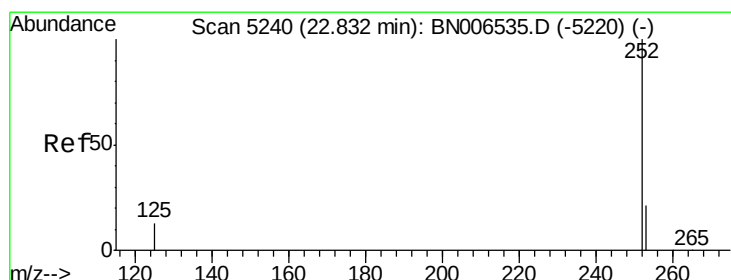
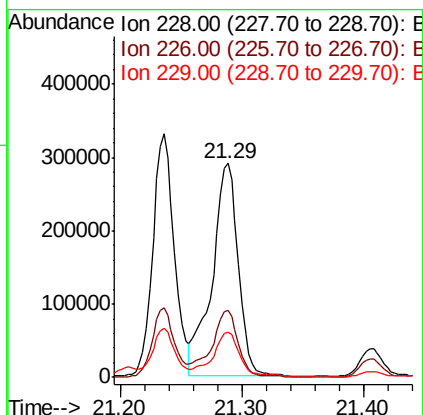
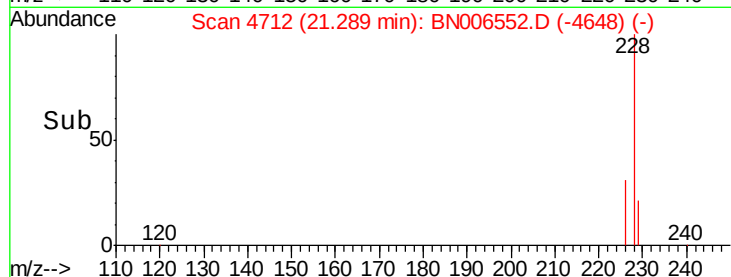
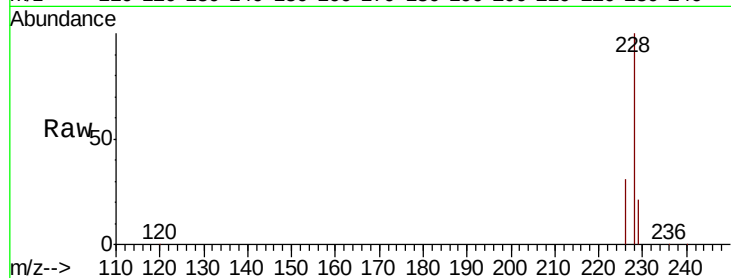
Tgt Ion:228 Resp: 435775

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

229 20.9 16.3 24.5



#21

Benzo(b)fluoranthene

Concen: 17.859 ng/ul

RT: 22.81 min Scan# 5234

Delta R.T. -0.02 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

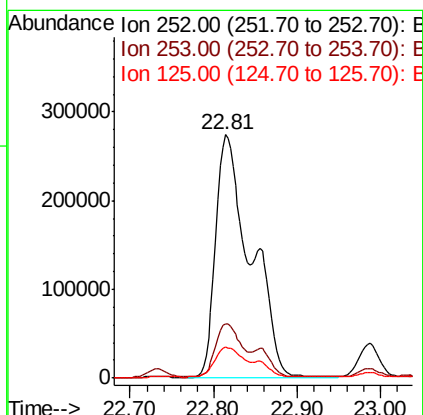
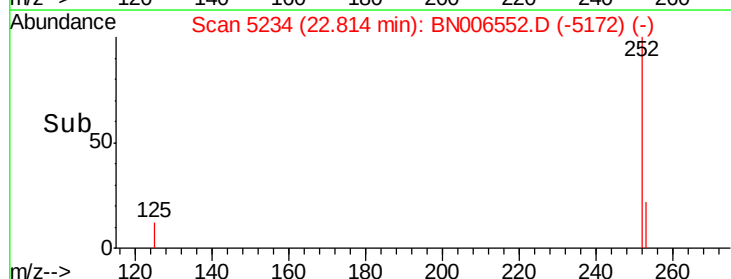
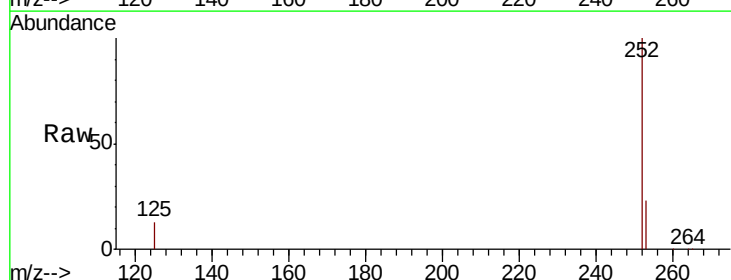
Tgt Ion:252 Resp: 799541

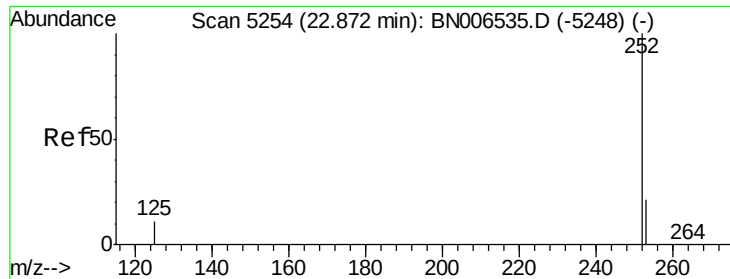
Ion Ratio Lower Upper

252 100

253 22.5 0.0 51.4

125 12.6 0.0 41.0





#22

Benzo(k)fluoranthene

Concen: 0.958 ng/ul

RT: 22.99 min Scan# 5293

Delta R.T. 0.11 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

Instrument :

BNA_N

ClientSampleId :

A4218

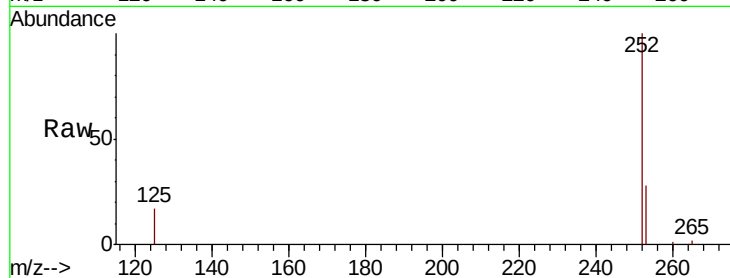
Tgt Ion:252 Resp: 41794

Ion Ratio Lower Upper

252 100

253 27.7 20.3 30.5

125 16.7 14.3 21.5

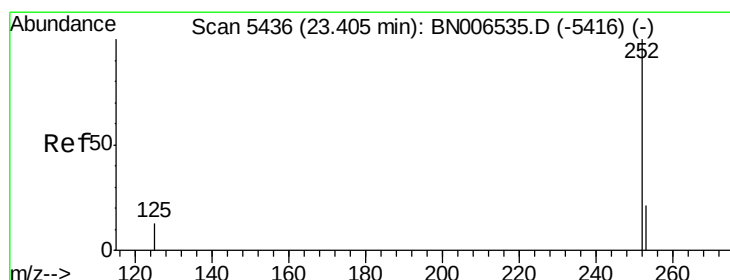
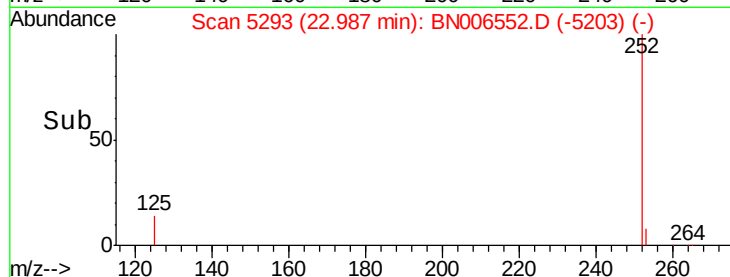
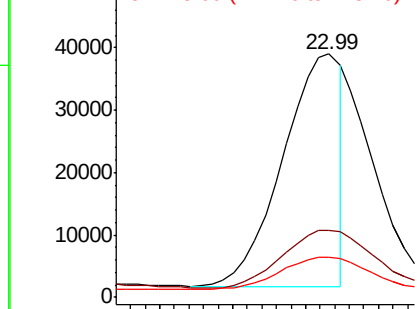


Abundance

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: 9.452 ng/ul

RT: 23.38 min Scan# 5429

Delta R.T. -0.02 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

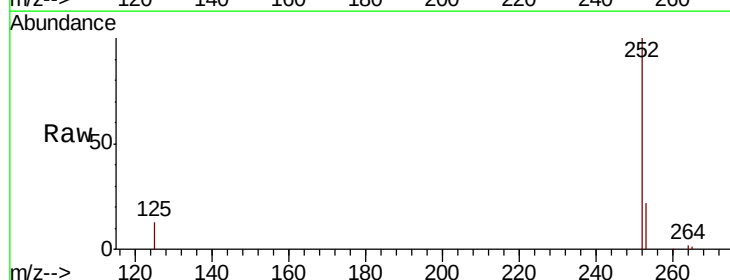
Tgt Ion:252 Resp: 394124

Ion Ratio Lower Upper

252 100

253 22.5 21.1 31.7

125 13.2 20.3 30.5#

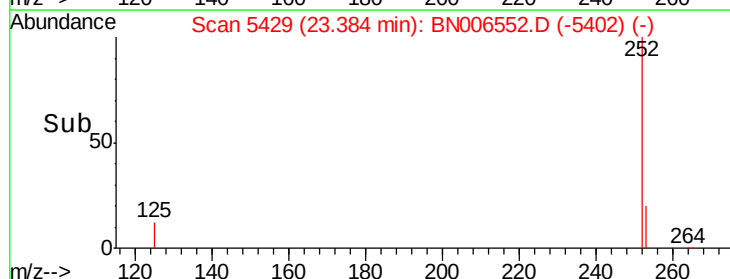
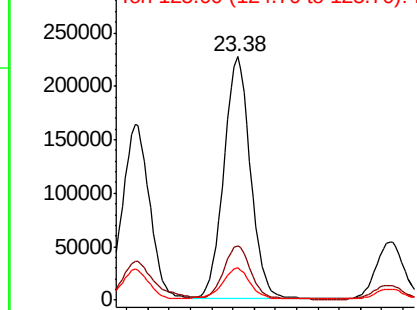


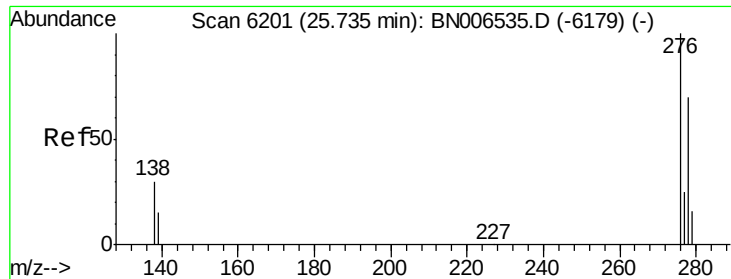
Abundance

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



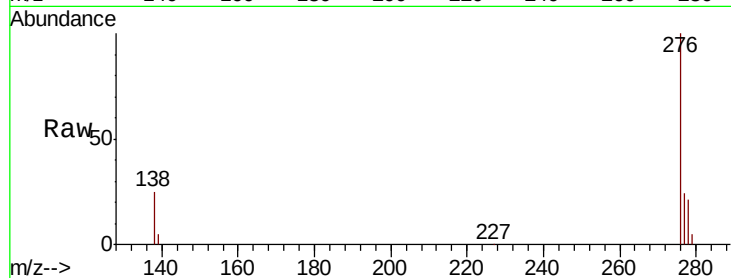


#24

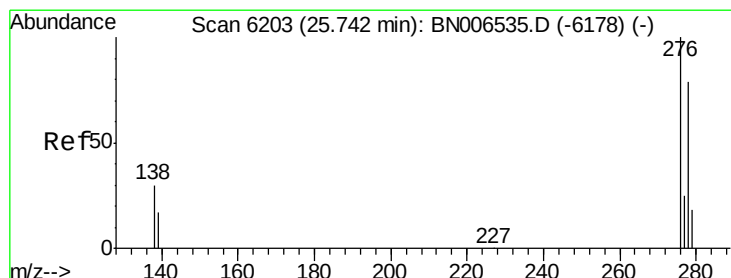
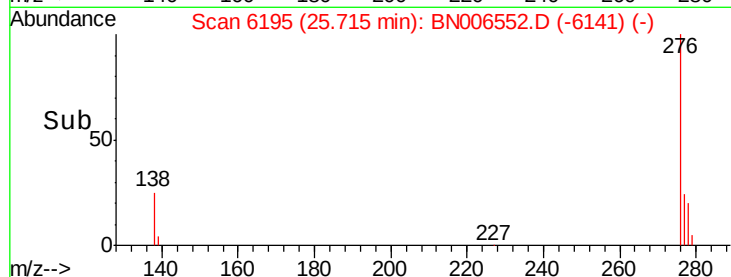
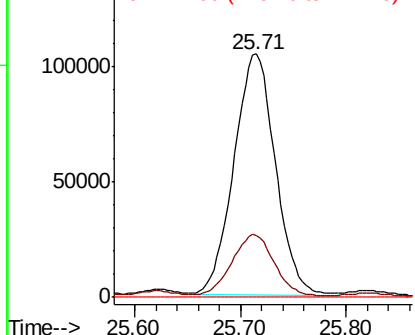
Indeno(1,2,3-cd)pyrene
Concen: 6.310 ng/ul
RT: 25.71 min Scan# 6195
Delta R.T. -0.02 min
Lab File: BN006552.D
Acq: 25 Jun 2019 03:32

Instrument :
BNA_N
ClientSampleId :
A4218

Tgt Ion: 276 Resp: 284770
Ion Ratio Lower Upper
276 100
138 25.7 25.6 38.4
227 0.2 0.3 0.5#



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

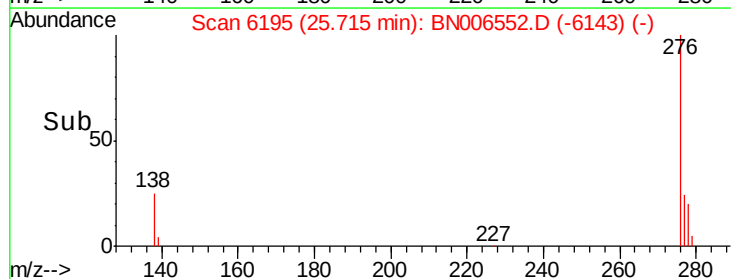
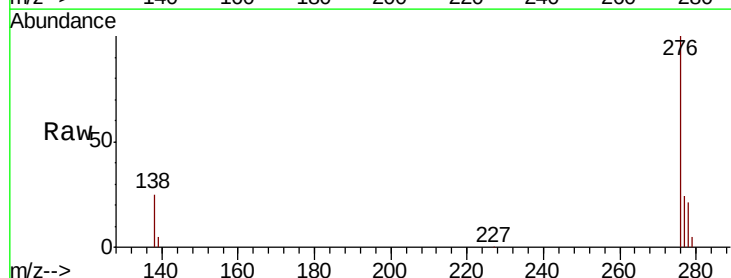
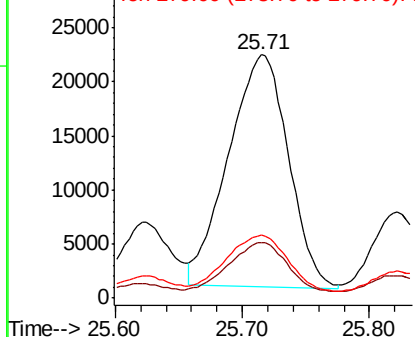


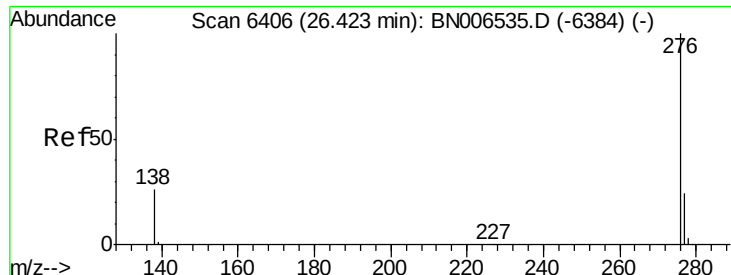
#25

Dibenzo(a,h)anthracene
Concen: 1.949 ng/ul
RT: 25.71 min Scan# 6195
Delta R.T. -0.03 min
Lab File: BN006552.D
Acq: 25 Jun 2019 03:32

Tgt Ion: 278 Resp: 70306
Ion Ratio Lower Upper
278 100
139 22.7 21.2 31.8
279 25.8 22.6 33.8

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: 6.911 ng/ul

RT: 26.40 min Scan# 6399

Delta R.T. -0.02 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

Instrument :

BNA_N

ClientSampleId :

A4218

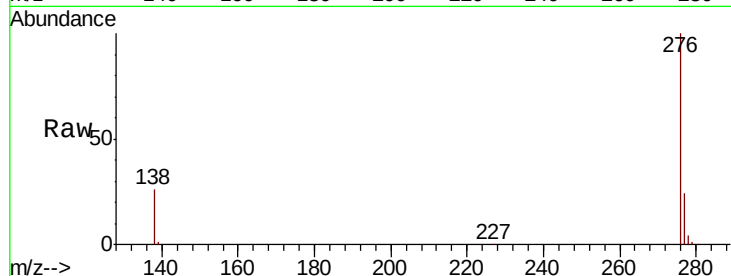
Tgt Ion: 276 Resp: 261240

Ion Ratio Lower Upper

276 100

138 26.2 24.2 36.4

277 24.0 21.5 32.3



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

