

Data File : BN008696.D
Acq On : 22 Nov 2019 03:39
Operator : JU
Sample : K5854-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD1

Quant Time: Nov 22 07:16:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4236	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15667	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	9420	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	18138	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	13506	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	14602	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	4965	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	11955	0.22	ng/ul	0.00

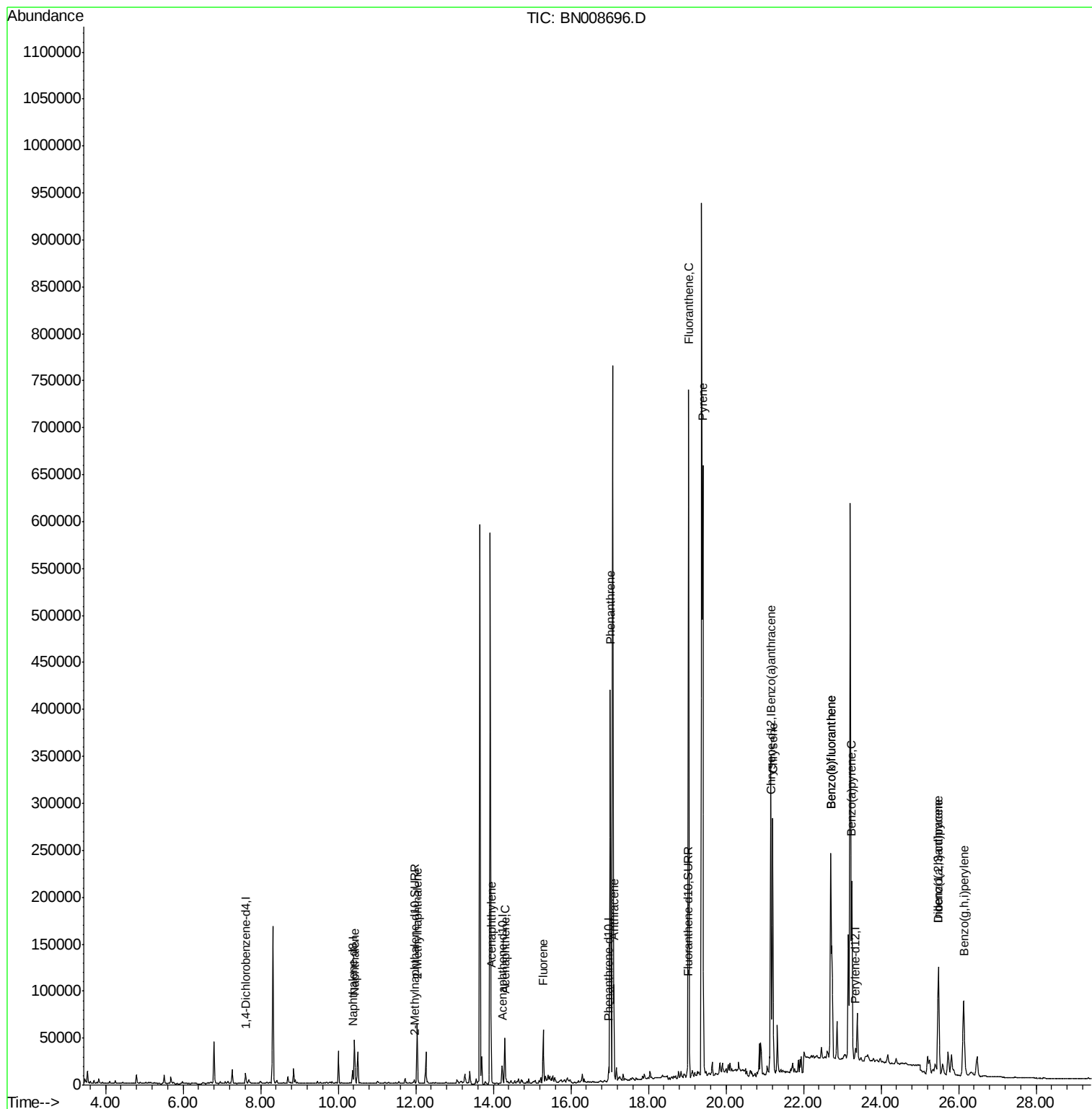
Target Compounds				Qvalue		
3) Naphthalene	10.42	128	59708	1.264	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	46420	1.407	ng/ul	100
7) Acenaphthylene	13.95	152	5496	0.106	ng/ul#	86
8) Acenaphthene	14.30	153	27930	0.723	ng/ul	99
9) Fluorene	15.29	166	32886	0.725	ng/ul#	97
12) Phenanthrene	17.02	178	413512	6.760	ng/ul	98
13) Anthracene	17.11	178	104081	1.801	ng/ul	99
15) Fluoranthene	19.04	202	611831	8.141	ng/ul	93
17) Pyrene	19.40	202	551874	10.185	ng/ul	98
18) Benzo(a)anthracene	21.16	228	275184	5.067	ng/ul	97
19) Chrysene	21.21	228	266743	5.000	ng/ul	95
21) Benzo(b)fluoranthene	22.70	252	464993	7.722	ng/ul	93
22) Benzo(k)fluoranthene	22.70	252	464993	7.787	ng/ul	95
23) Benzo(a)pyrene	23.25	252	242568	4.292	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.48	276	162310	2.456	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.48	278	42243	0.791	ng/ul#	71
26) Benzo(g,h,i)perylene	26.13	276	159745	2.889	ng/ul	97

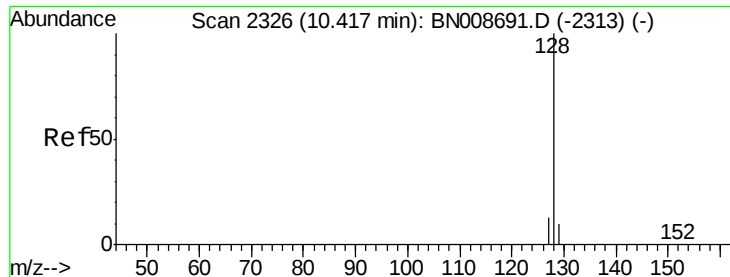
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 22 07:16:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11519.M
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QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.264 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.00 min

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Instrument :

BNA_N

ClientSampleId :

C0AD1

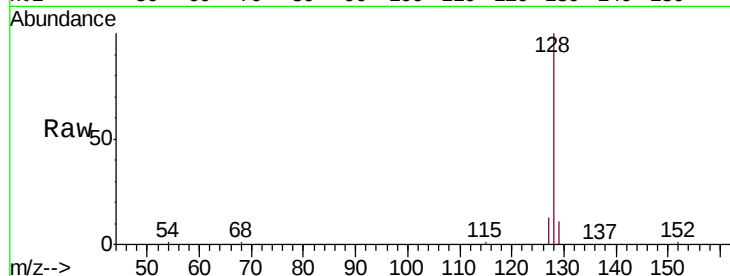
Tgt Ion:128 Resp: 59708

Ion Ratio Lower Upper

128 100

129 11.3 9.7 14.5

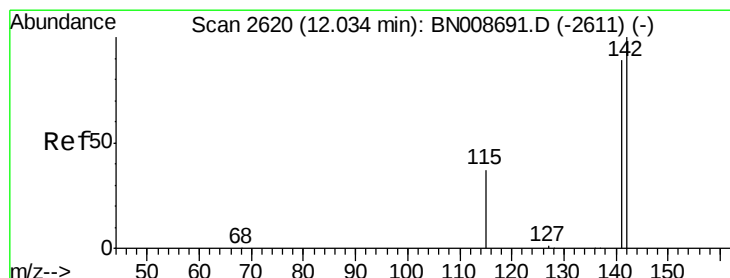
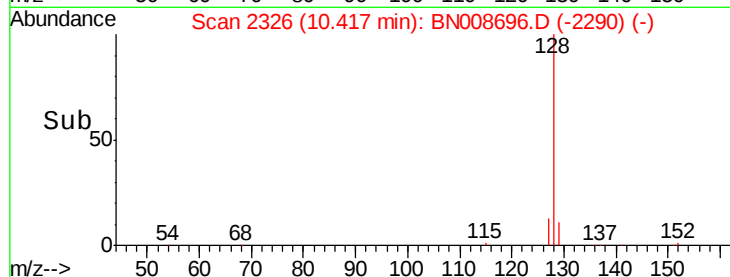
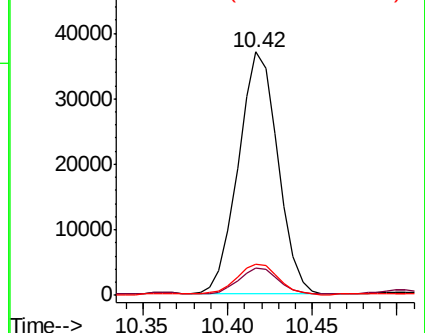
127 13.0 10.8 16.2



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: 1.407 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. 0.01 min

Lab File: BN008696.D

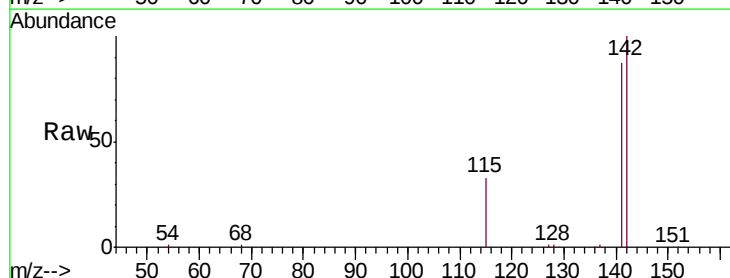
Acq: 22 Nov 2019 03:39

Tgt Ion:142 Resp: 46420

Ion Ratio Lower Upper

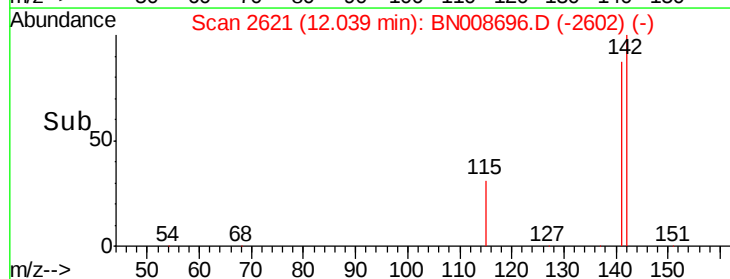
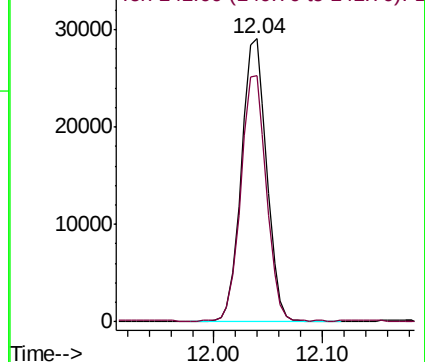
142 100

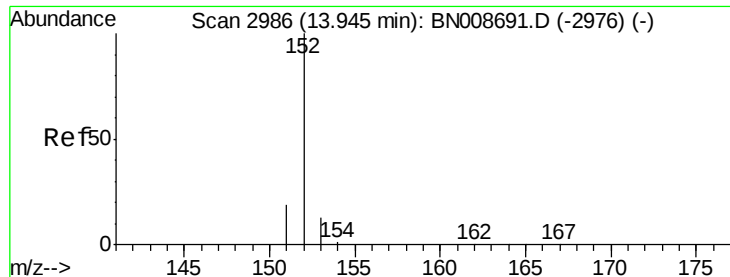
141 87.7 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.106 ng/ul

RT: 13.95 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BN008696.D

Acq: 22 Nov 2019 03:39

Instrument :

BNA_N

ClientSampleId :

C0AD1

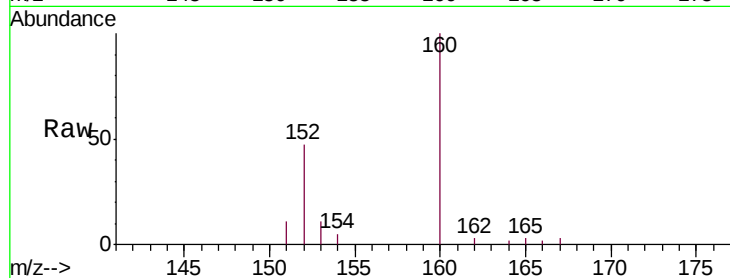
Tgt Ion:152 Resp: 5496

Ion Ratio Lower Upper

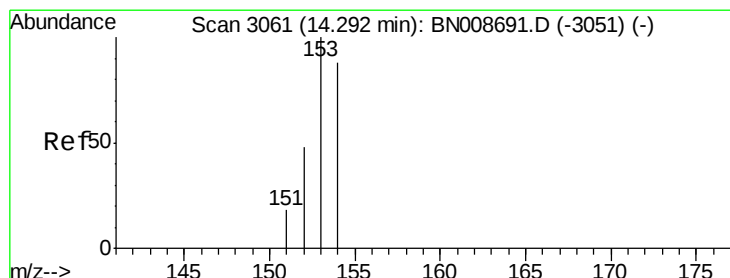
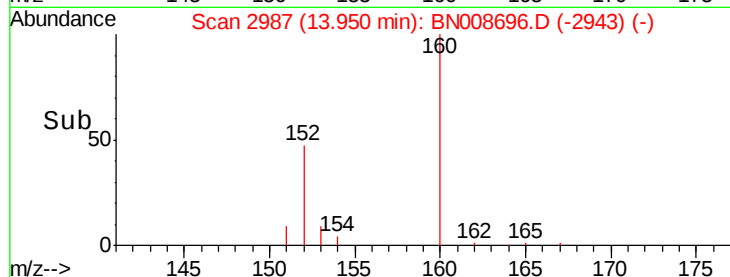
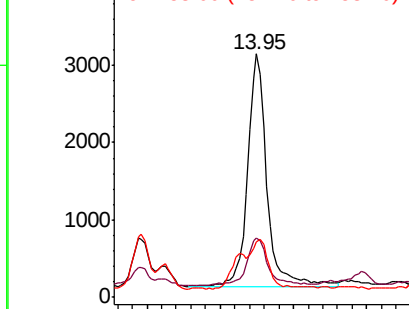
152 100

151 24.3 16.6 24.8

153 23.0 11.1 16.7#



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: 0.723 ng/ul

RT: 14.30 min Scan# 3062

Delta R.T. 0.00 min

Lab File: BN008696.D

Acq: 22 Nov 2019 03:39

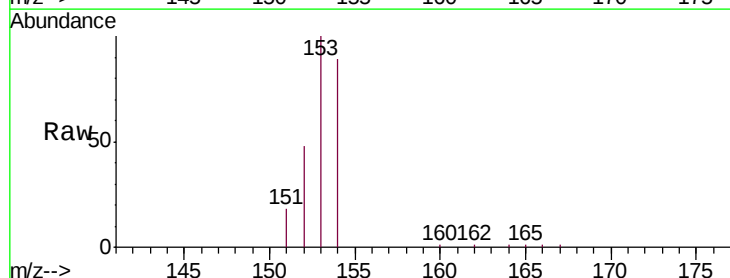
Tgt Ion:153 Resp: 27930

Ion Ratio Lower Upper

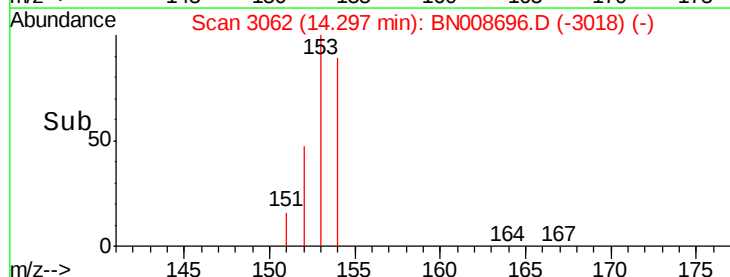
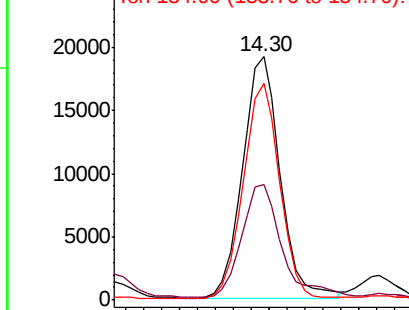
153 100

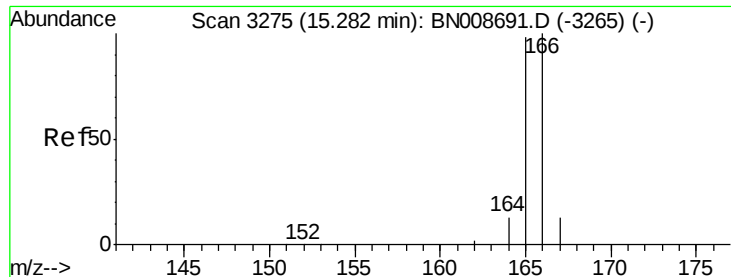
152 47.7 39.6 59.4

154 89.1 70.6 106.0



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

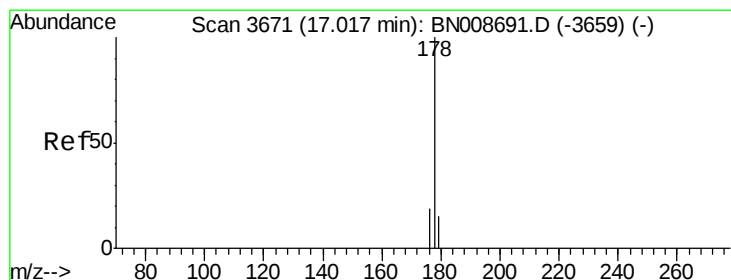
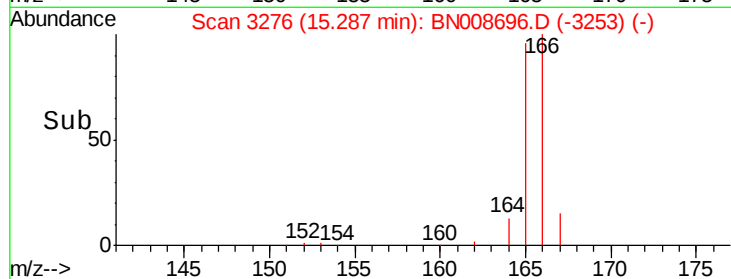
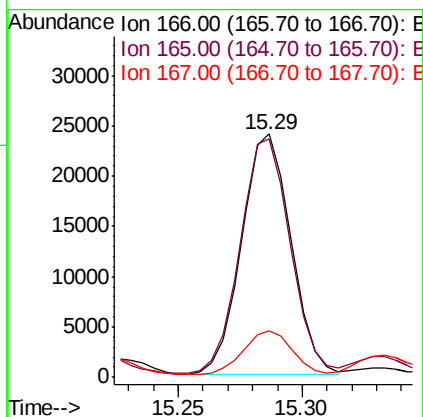
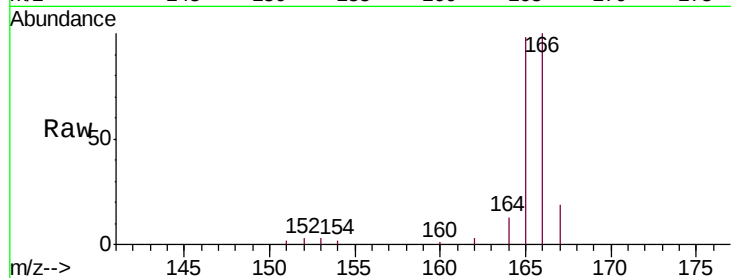




#9
Fluorene
 Concen: 0.725 ng/ul
 RT: 15.29 min Scan# 3276
 Delta R.T. 0.00 min
 Lab File: BN008696.D
 Acq: 22 Nov 2019 03:39

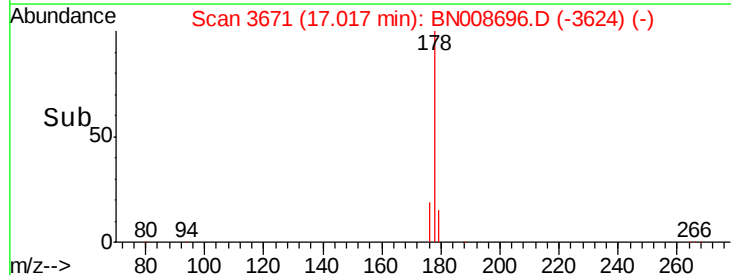
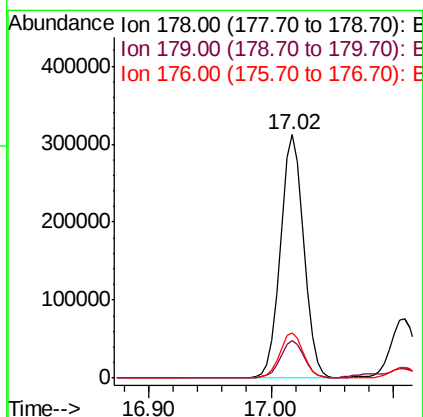
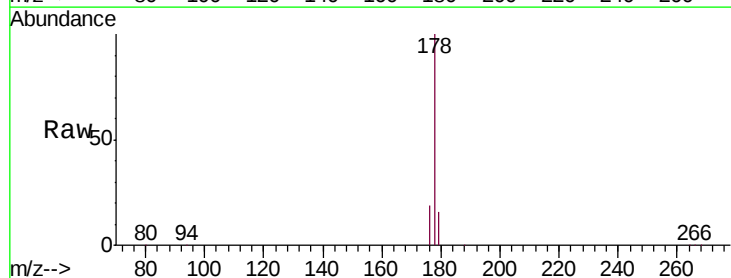
Instrument :
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 C0AD1

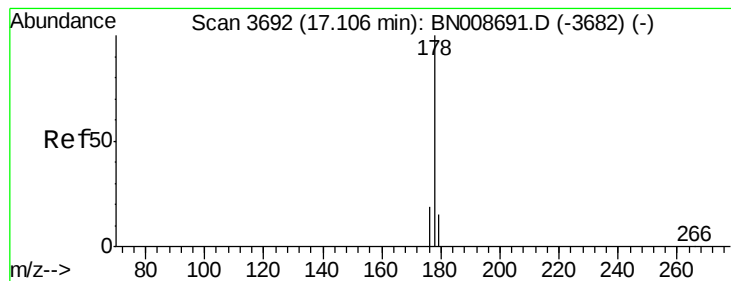
Tgt Ion:166 Resp: 32886
 Ion Ratio Lower Upper
 166 100
 165 98.1 77.4 116.0
 167 18.9 11.4 17.0#



#12
Phenanthrene
 Concen: 6.760 ng/ul
 RT: 17.02 min Scan# 3671
 Delta R.T. -0.00 min
 Lab File: BN008696.D
 Acq: 22 Nov 2019 03:39

Tgt Ion:178 Resp: 413512
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.8 19.2
 176 18.8 16.0 24.0





#13

Anthracene

Concen: 1.801 ng/ul

RT: 17.11 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BN008696.D

Acq: 22 Nov 2019 03:39

Instrument :

BNA_N

ClientSampleId :

C0AD1

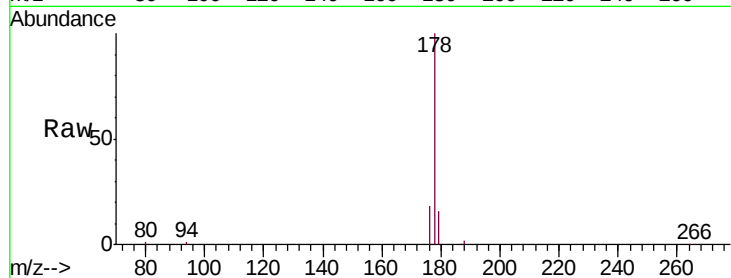
Tgt Ion:178 Resp: 104081

Ion Ratio Lower Upper

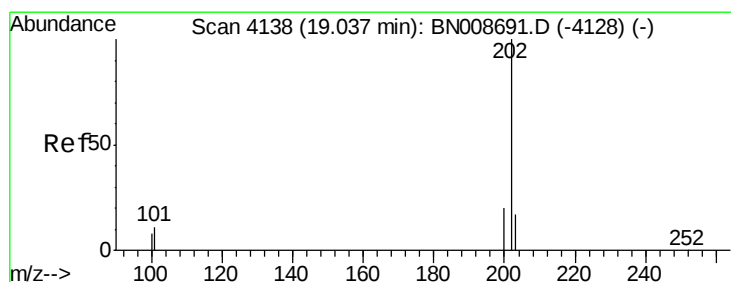
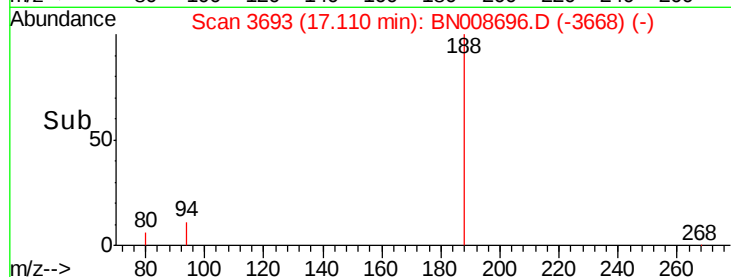
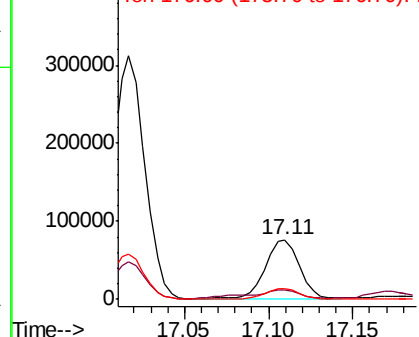
178 100

179 16.2 13.0 19.4

176 18.3 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



#15

Fluoranthene

Concen: 8.141 ng/ul

RT: 19.04 min Scan# 4138

Delta R.T. -0.00 min

Lab File: BN008696.D

Acq: 22 Nov 2019 03:39

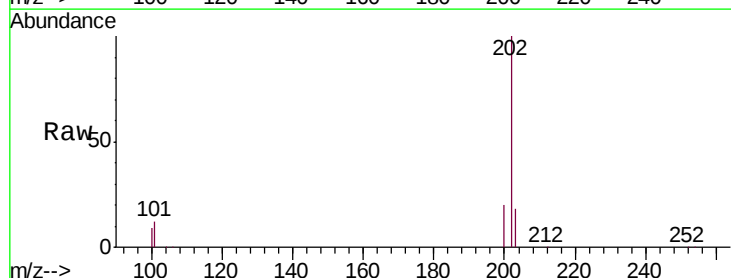
Tgt Ion:202 Resp: 611831

Ion Ratio Lower Upper

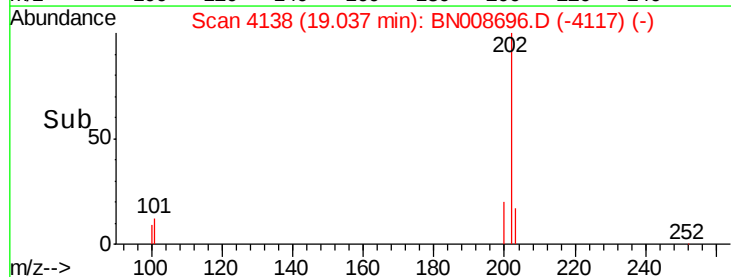
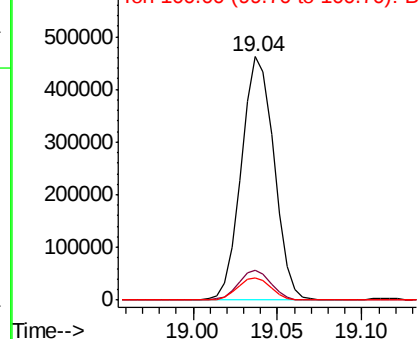
202 100

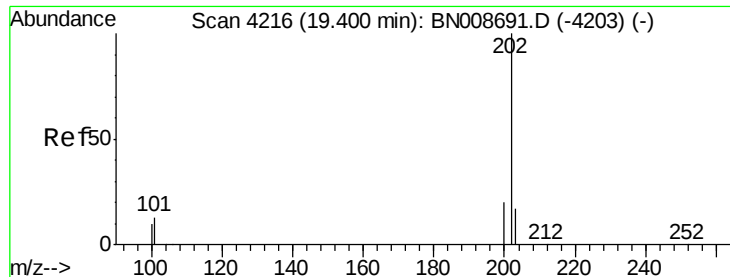
101 12.3 0.0 29.6

100 9.3 0.0 27.0



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

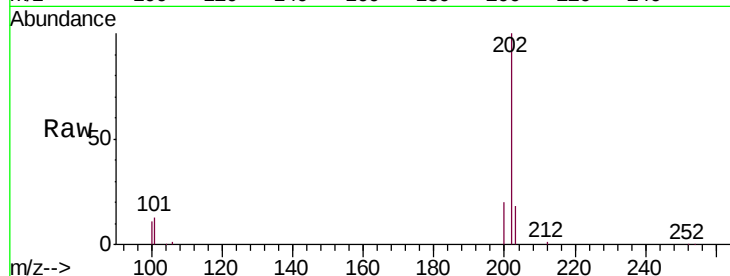




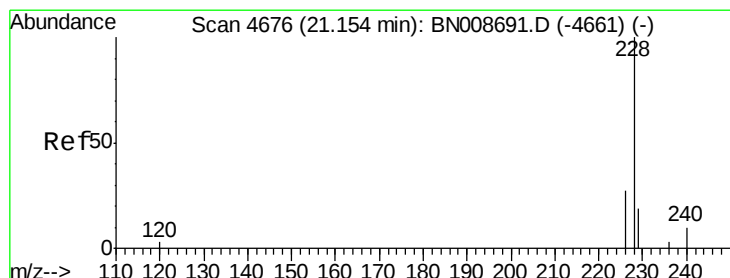
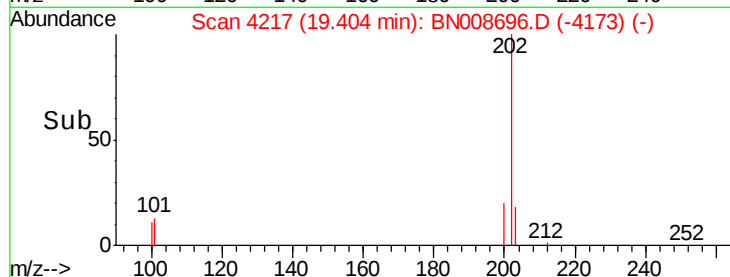
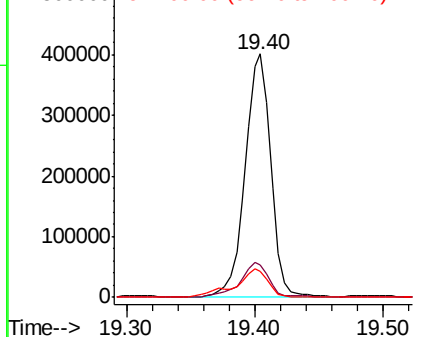
#17
 Pyrene
 Concen: 10.185 ng/ul
 RT: 19.40 min Scan# 4217
 Delta R.T. 0.00 min
 Lab File: BN008696.D
 Acq: 22 Nov 2019 03:39

Instrument :
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 ClientSampleId :
 C0AD1

Tgt Ion:202 Resp: 551874
 Ion Ratio Lower Upper
 202 100
 101 13.4 10.2 15.2
 100 10.8 8.2 12.2

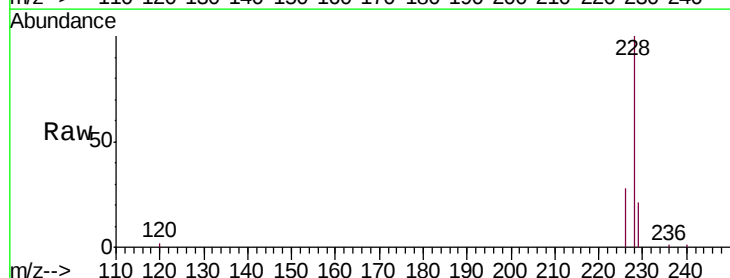


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

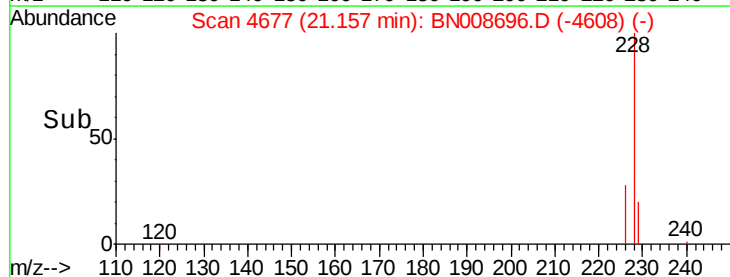
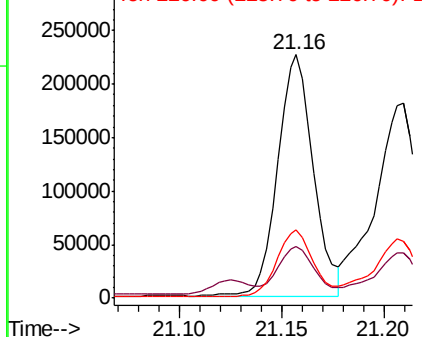


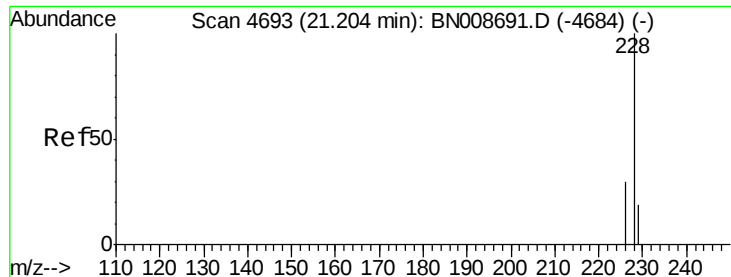
#18
 Benzo(a)anthracene
 Concen: 5.067 ng/ul
 RT: 21.16 min Scan# 4677
 Delta R.T. 0.00 min
 Lab File: BN008696.D
 Acq: 22 Nov 2019 03:39

Tgt Ion:228 Resp: 275184
 Ion Ratio Lower Upper
 228 100
 229 21.4 15.8 23.6
 226 28.1 21.6 32.4



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





#19

Chrysene

Concen: 5.000 ng/ul

RT: 21.21 min Scan# 4695

Delta R.T. 0.01 min

Lab File: BN008696.D

Acq: 22 Nov 2019 03:39

Instrument :

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ClientSampleId :

C0AD1

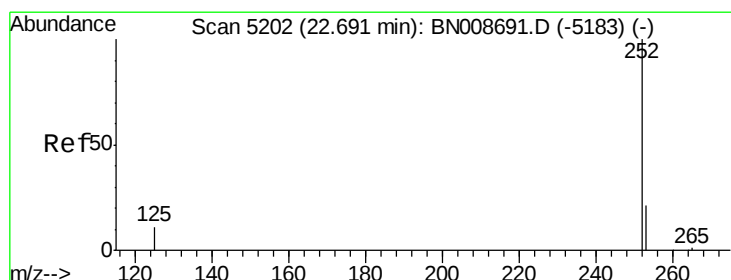
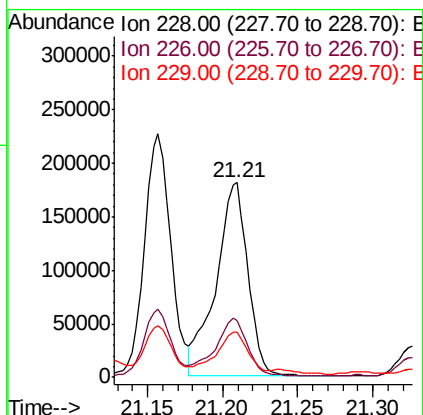
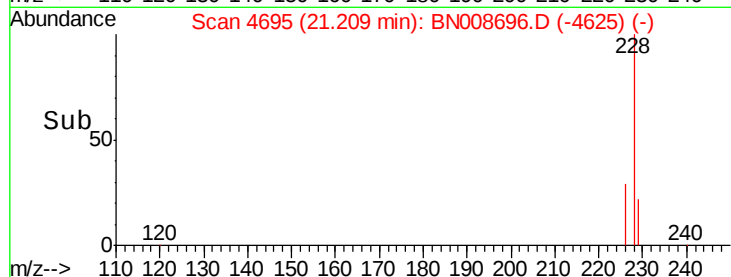
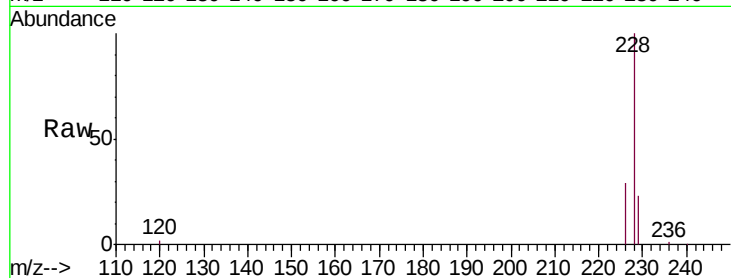
Tgt Ion:228 Resp: 266743

Ion Ratio Lower Upper

228 100

226 29.3 24.5 36.7

229 23.2 15.5 23.3



#21

Benzo(b)fluoranthene

Concen: 7.722 ng/ul

RT: 22.70 min Scan# 5205

Delta R.T. 0.01 min

Lab File: BN008696.D

Acq: 22 Nov 2019 03:39

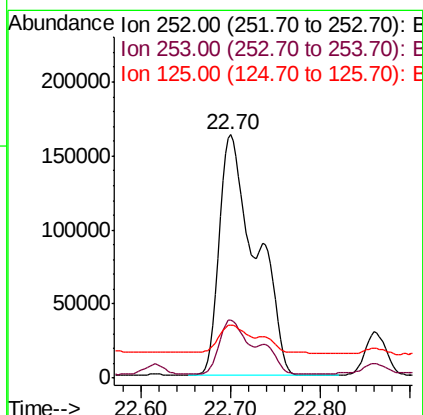
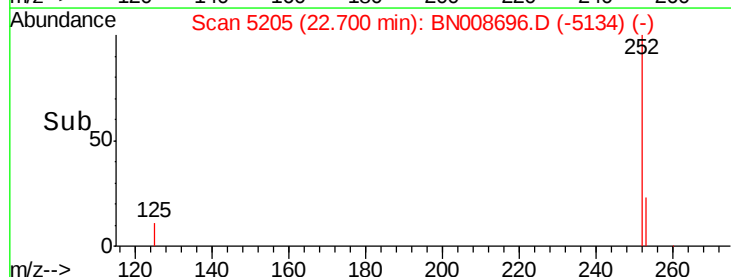
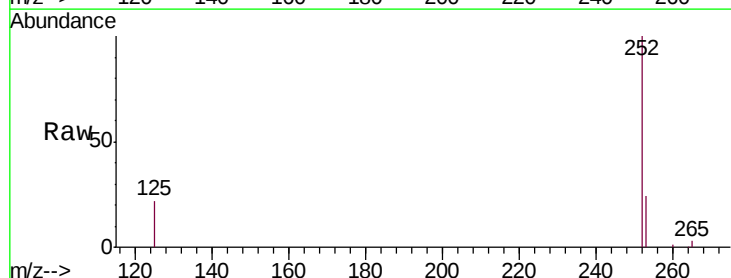
Tgt Ion:252 Resp: 464993

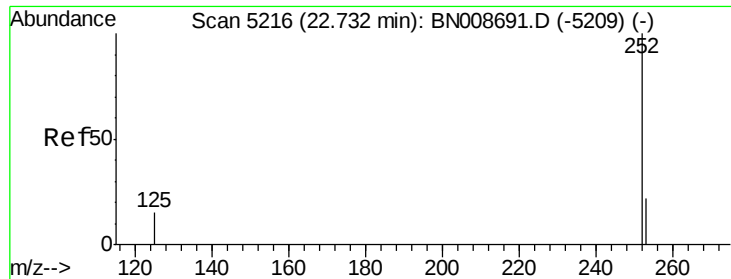
Ion Ratio Lower Upper

252 100

253 24.0 0.0 50.2

125 21.7 0.0 30.0





#22

Benzo(k)fluoranthene

Concen: 7.787 ng/ul

RT: 22.70 min Scan# 5205

Delta R.T. -0.03 min

Lab File: BN008696.D

Acq: 22 Nov 2019 03:39

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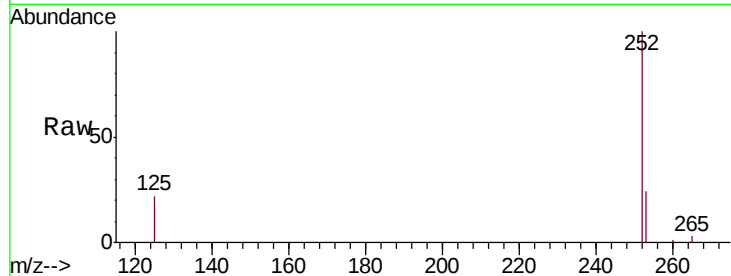
Tgt Ion:252 Resp: 464993

Ion Ratio Lower Upper

252 100

253 24.0 20.5 30.7

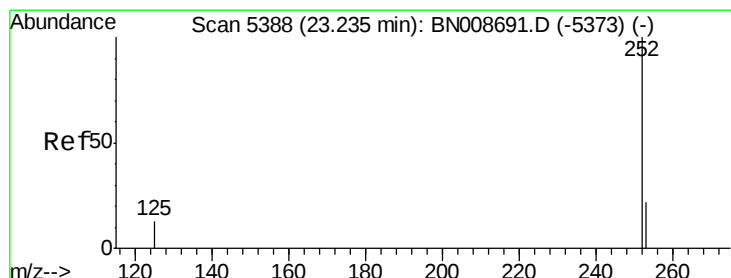
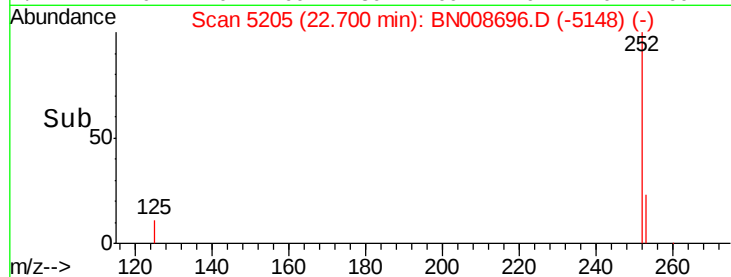
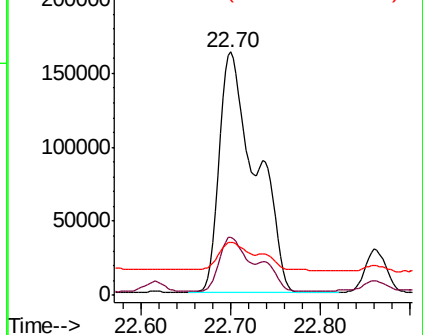
125 21.7 15.0 22.4



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: 4.292 ng/ul

RT: 23.25 min Scan# 5392

Delta R.T. 0.01 min

Lab File: BN008696.D

Acq: 22 Nov 2019 03:39

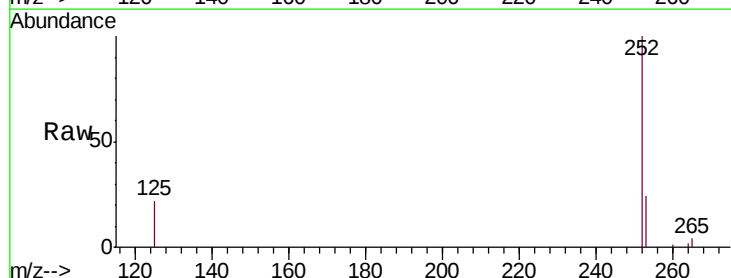
Tgt Ion:252 Resp: 242568

Ion Ratio Lower Upper

252 100

253 23.9 21.4 32.2

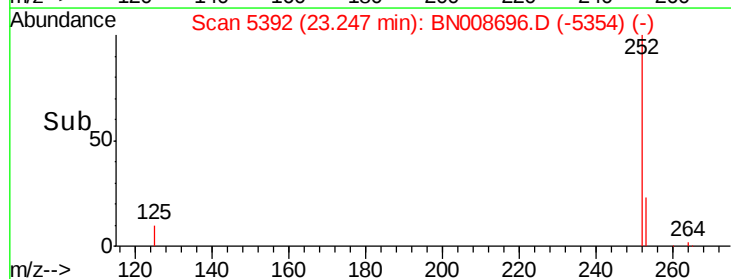
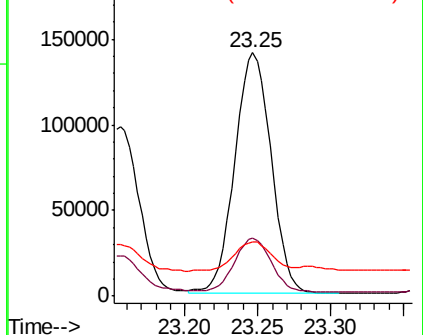
125 22.2 13.8 20.8#

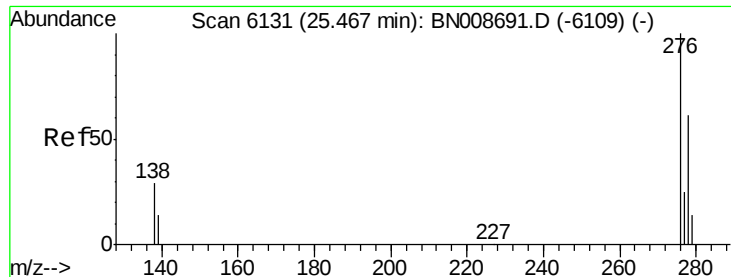


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



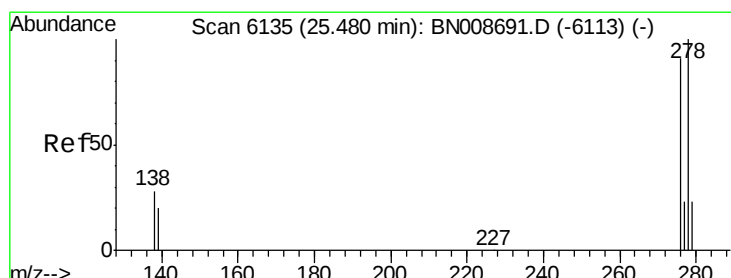
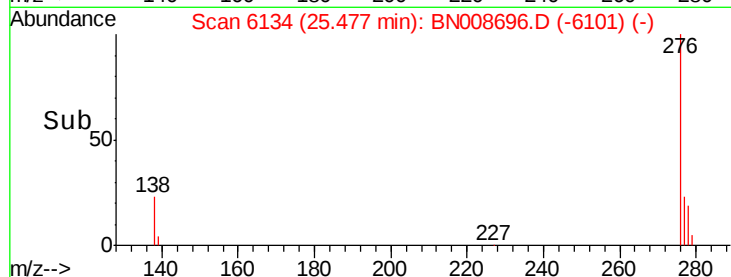
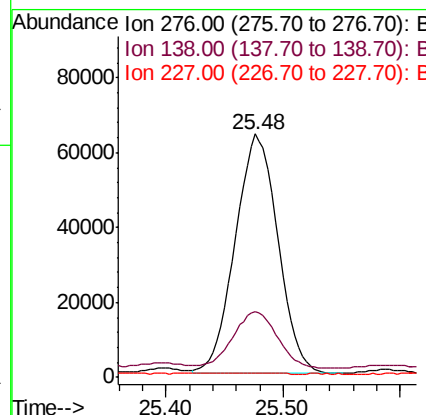
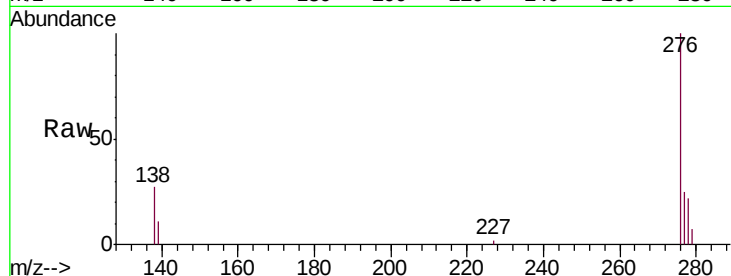


#24

Indeno(1,2,3-cd)pyrene
Concen: 2.456 ng/ul
RT: 25.48 min Scan# 6134
Delta R.T. 0.01 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Instrument :
BNA_N
ClientSampleId :
C0AD1

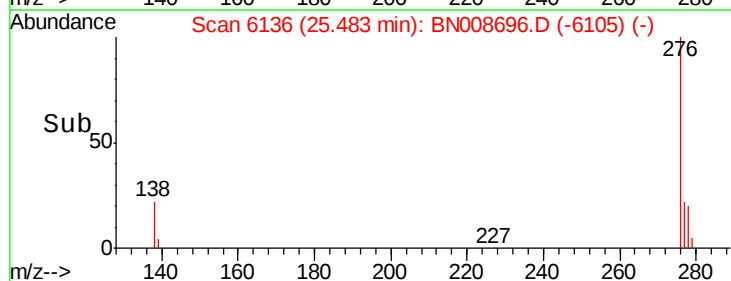
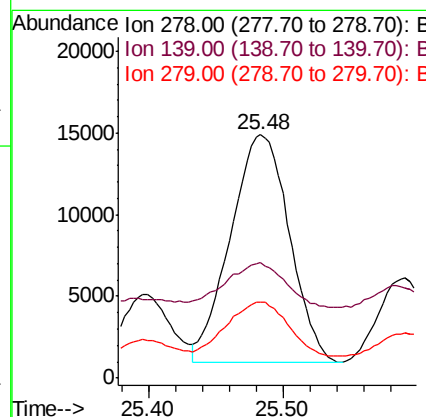
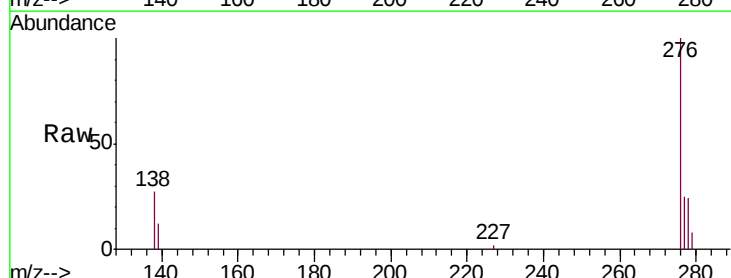
Tgt Ion: 276 Resp: 162310
Ion Ratio Lower Upper
276 100
138 24.5 21.7 32.5
227 0.0 0.2 0.2#

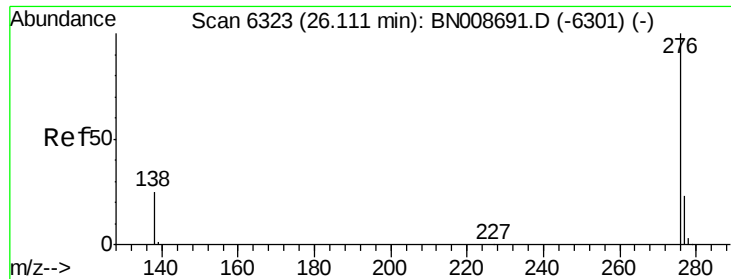


#25

Dibenzo(a,h)anthracene
Concen: 0.791 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. 0.00 min
Lab File: BN008696.D
Acq: 22 Nov 2019 03:39

Tgt Ion: 278 Resp: 42243
Ion Ratio Lower Upper
278 100
139 47.5 18.7 28.1#
279 31.1 20.8 31.2





#26

Benzo(g,h,i)perylene

Concen: 2.889 ng/ul

RT: 26.13 min Scan# 6329

Delta R.T. 0.02 min

Lab File: BN008696.D

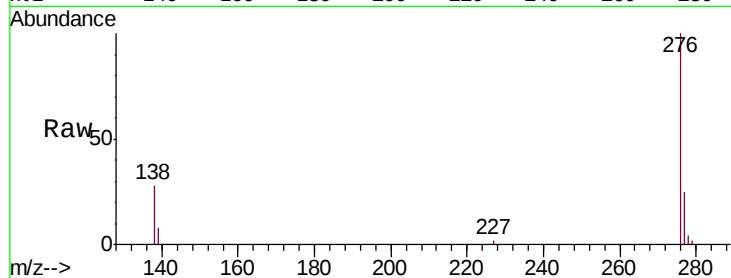
Acq: 22 Nov 2019 03:39

Instrument :

BNA_N

ClientSampleId :

C0AD1



Tgt Ion: 276 Resp: 159745

Ion Ratio Lower Upper

276 100

138 27.8 20.0 30.0

277 24.9 20.0 30.0

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

