

Data File : BN004291.D
Acq On : 29 Dec 2018 09:07
Operator : JU/SJ
Sample : J6428-15
Misc : GCMS Confirmation
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W8

Quant Time: Dec 30 22:15:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	31349	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	136148	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	88786	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	225053	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	248781	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	243928	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.45	176	236	0.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.20	188	225053	19.79	ng/ul	-0.11
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	23.72	264	238829	18.05	ng/ul	0.15

Target Compounds

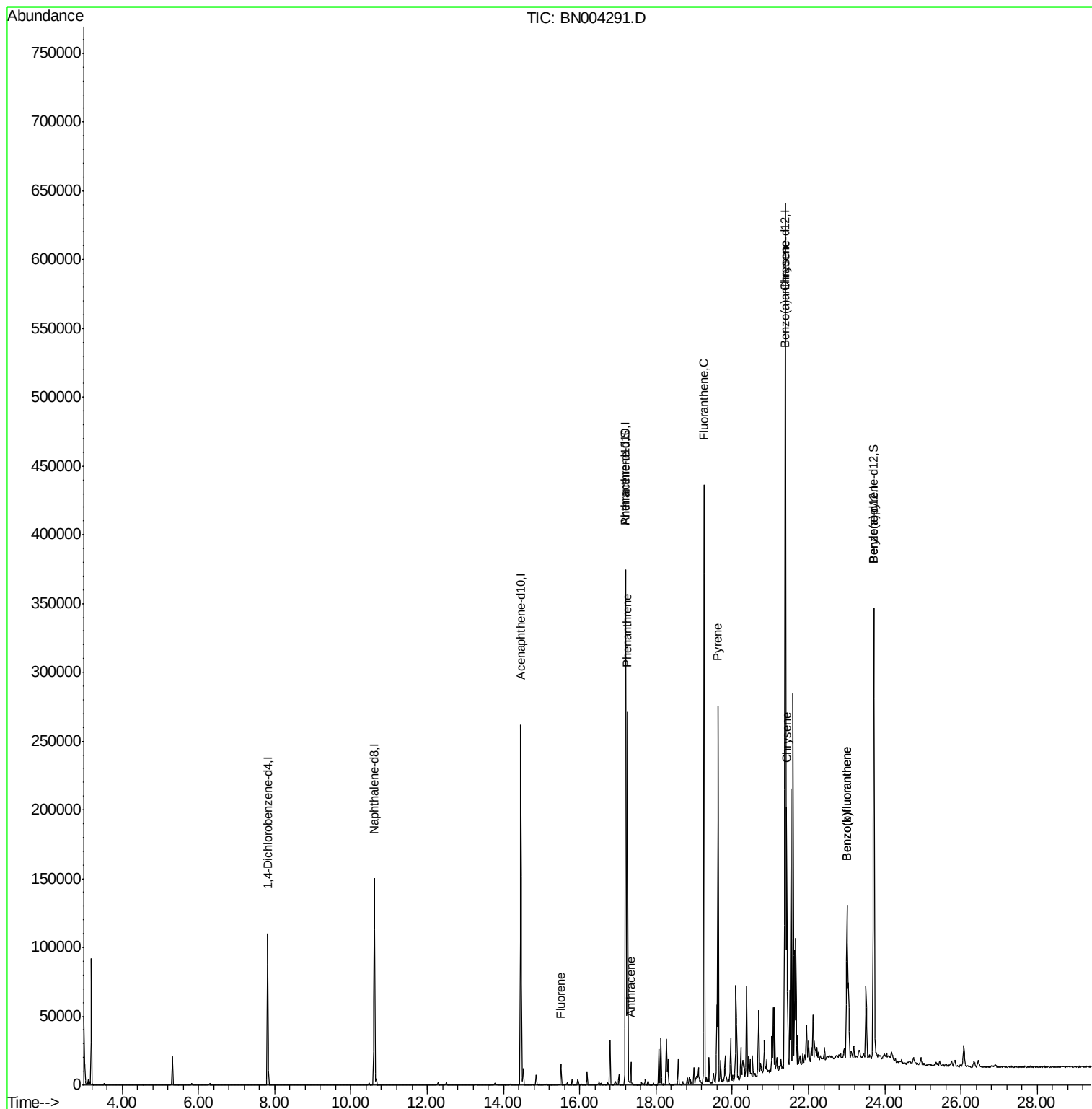
					Qvalue	
58) Fluorene	15.51	166	8438	1.119	ng/ul	97
69) Phenanthrene	17.25	178	168125	12.929	ng/ul	100
71) Anthracene	17.34	178	13938	1.046	ng/ul	99
76) Fluoranthene	19.26	202	246336	15.455	ng/ul	99
79) Pyrene	19.63	202	159736	11.493	ng/ul	99
82) Benzo(a)anthracene	21.38	228	92127	5.939	ng/ul	99
84) Chrysene	21.43	228	100617	6.924	ng/ul	100
87) Benzo(b)fluoranthene	23.01	252	100203	6.858	ng/ul#	97
88) Benzo(k)fluoranthene	23.01	252	100203	7.324	ng/ul#	96

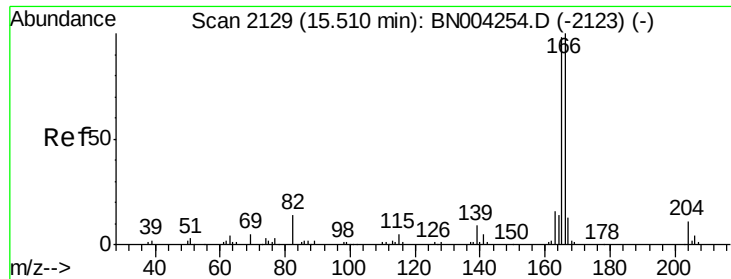
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#58

Fluorene

Concen: 1.119 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. 0.00 min

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Acq: 29 Dec 2018 09:07

Instrument :

BNA_N

ClientSampleId :

A41W8

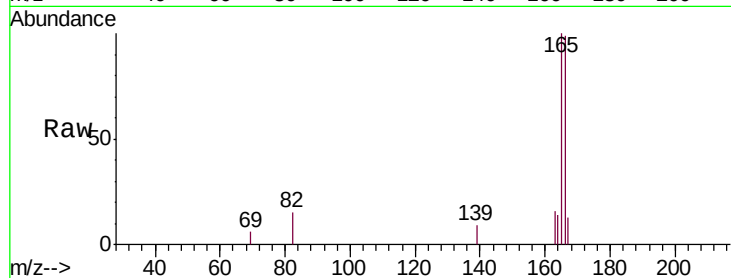
Tgt Ion:166 Resp: 8438

Ion Ratio Lower Upper

166 100

165 101.3 78.6 117.8

167 13.3 10.3 15.5

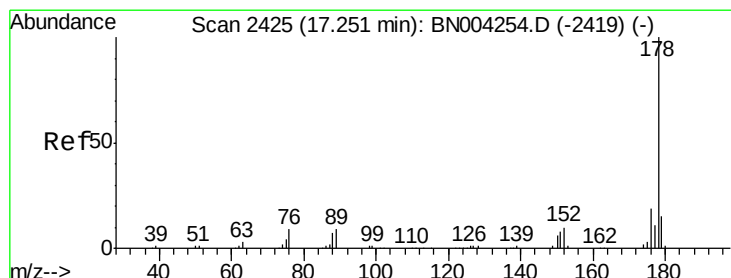
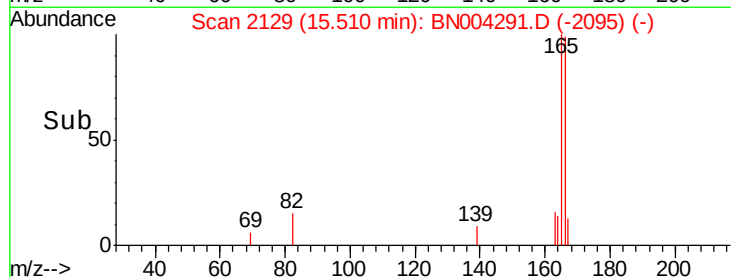
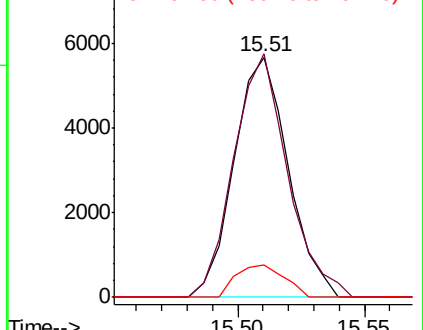


Abundance

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



#69

Phenanthrene

Concen: 12.929 ng/ul

RT: 17.25 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BN004291.D

Acq: 29 Dec 2018 09:07

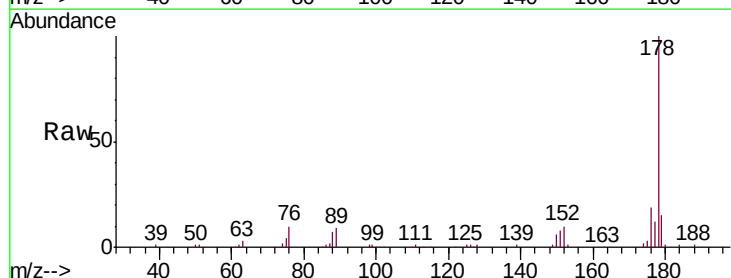
Tgt Ion:178 Resp: 168125

Ion Ratio Lower Upper

178 100

179 15.1 12.1 18.1

176 19.0 15.0 22.6

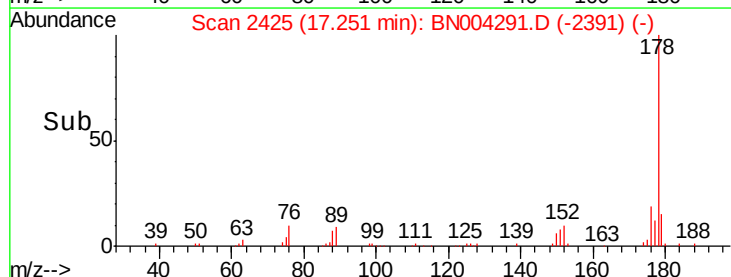
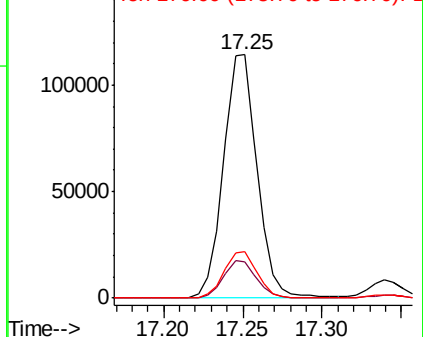


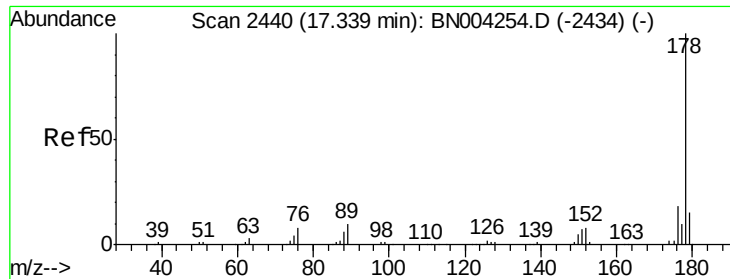
Abundance

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

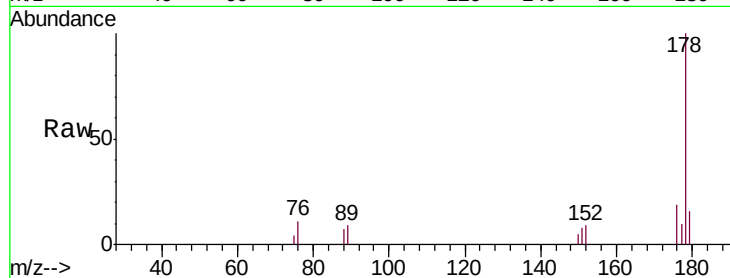




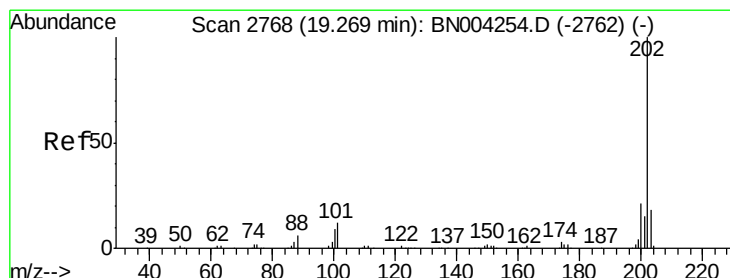
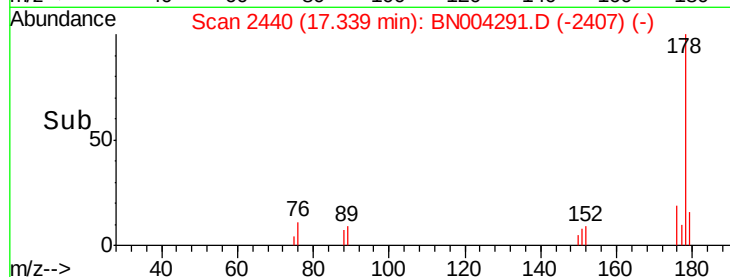
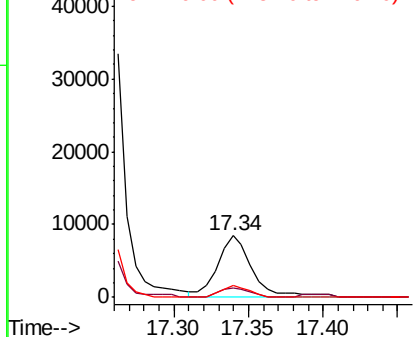
#71
 Anthracene
 Concen: 1.046 ng/ul
 RT: 17.34 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BN004291.D
 Acq: 29 Dec 2018 09:07

Instrument :
 BNA_N
 ClientSampleId :
 A41W8

Tgt Ion:178 Resp: 13938
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.1 18.1
 176 18.7 15.2 22.8

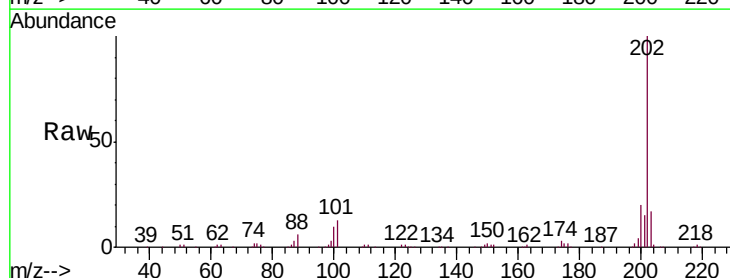


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

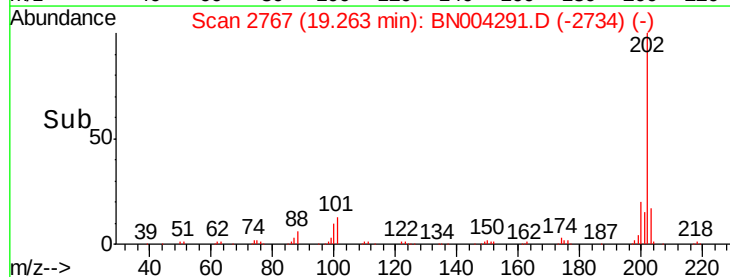
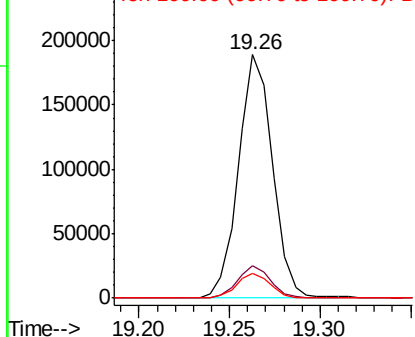


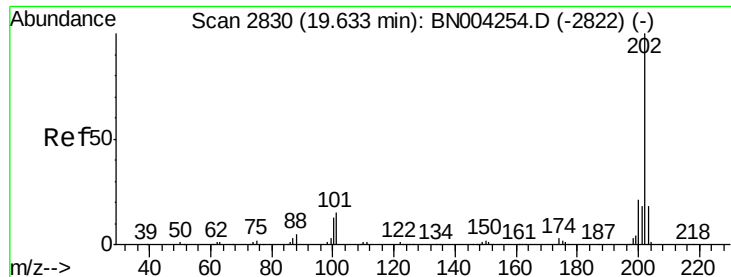
#76
 Fluoranthene
 Concen: 15.455 ng/ul
 RT: 19.26 min Scan# 2767
 Delta R.T. -0.01 min
 Lab File: BN004291.D
 Acq: 29 Dec 2018 09:07

Tgt Ion:202 Resp: 246336
 Ion Ratio Lower Upper
 202 100
 101 13.4 10.2 15.2
 100 10.1 7.8 11.8



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





#79

Pyrene

Concen: 11.493 ng/ul

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BN004291.D

Acq: 29 Dec 2018 09:07

Instrument :

BNA_N

ClientSampleId :

A41W8

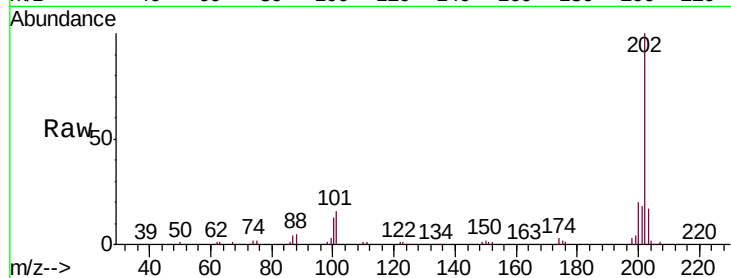
Tgt Ion:202 Resp: 159736

Ion Ratio Lower Upper

202 100

101 15.5 12.2 18.2

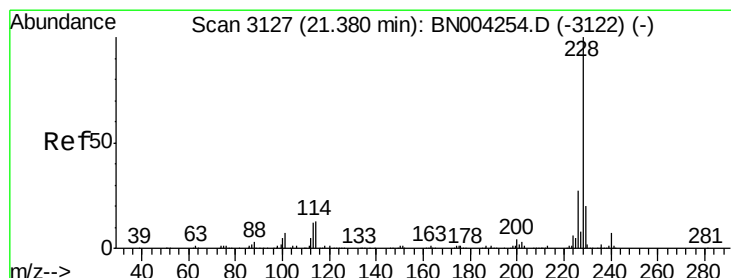
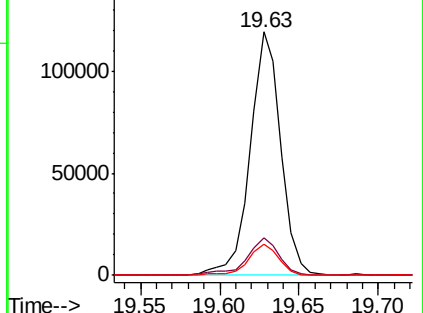
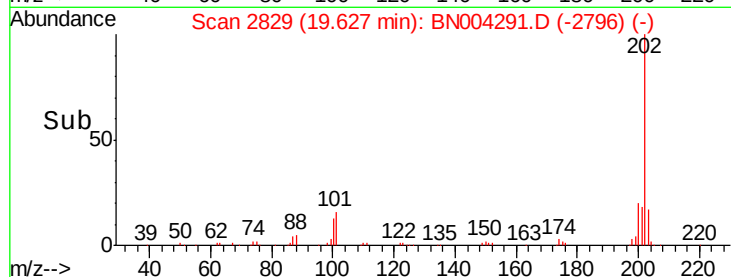
100 12.9 9.9 14.9



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



#82

Benzo(a)anthracene

Concen: 5.939 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BN004291.D

Acq: 29 Dec 2018 09:07

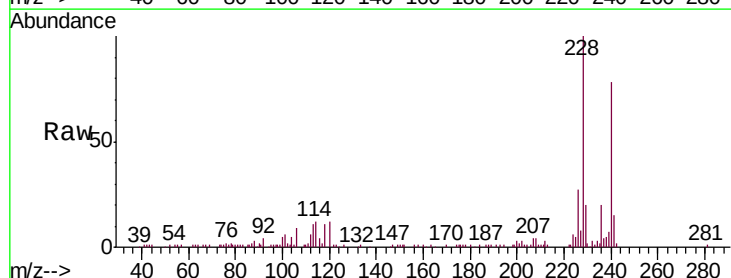
Tgt Ion:228 Resp: 92127

Ion Ratio Lower Upper

228 100

229 20.4 15.9 23.9

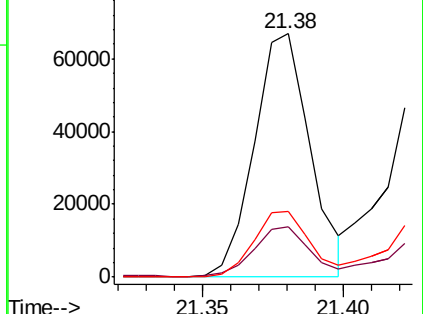
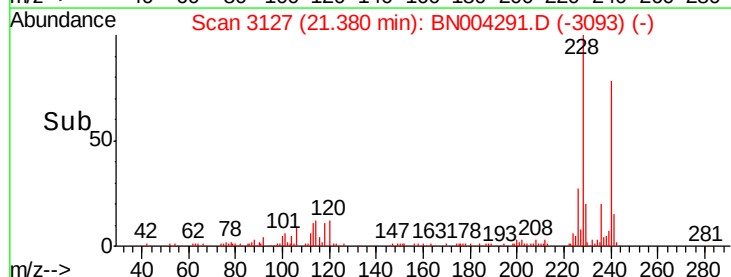
226 26.8 21.4 32.2

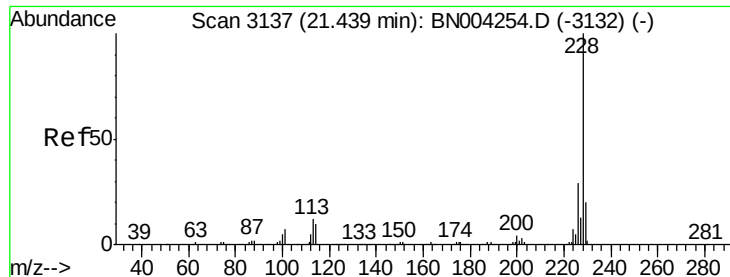


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 6.924 ng/ul

RT: 21.43 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BN004291.D

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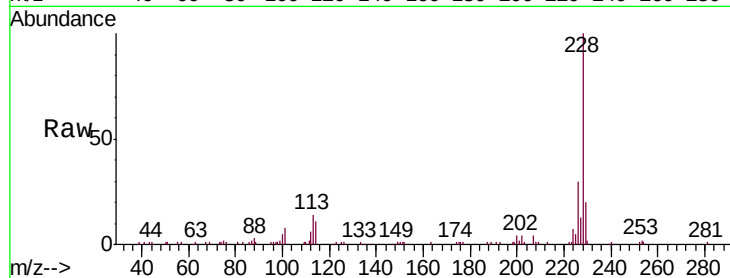
Tgt Ion:228 Resp: 100617

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

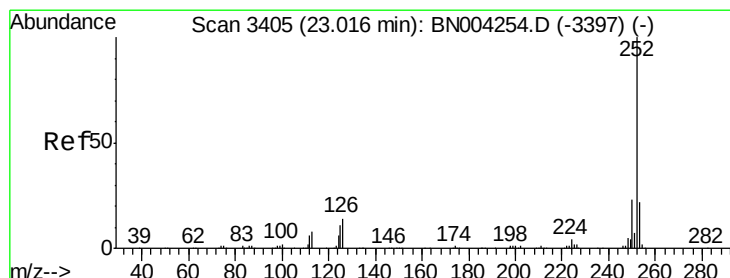
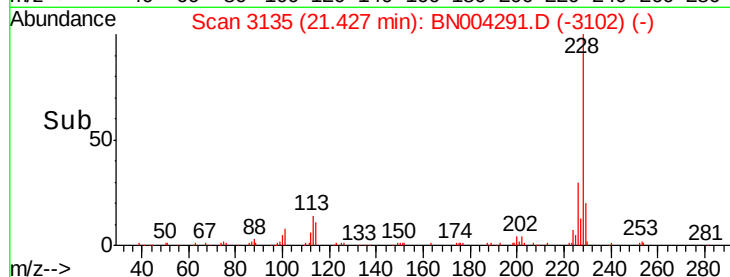
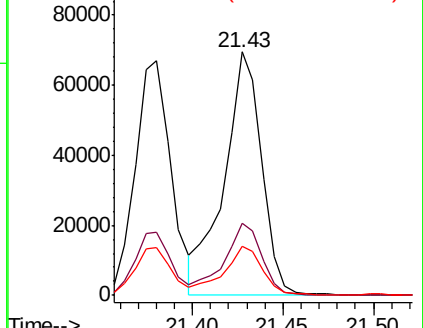
229 20.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 6.858 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. 0.00 min

Lab File: BN004291.D

Acq: 29 Dec 2018 09:07

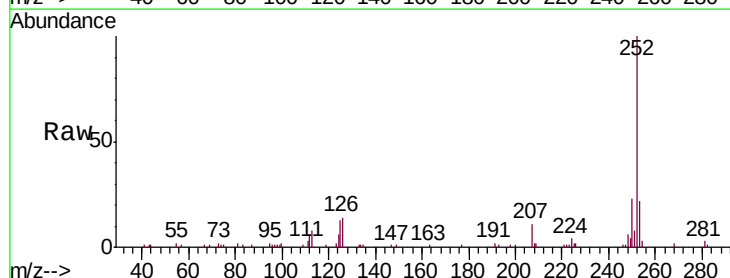
Tgt Ion:252 Resp: 100203

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

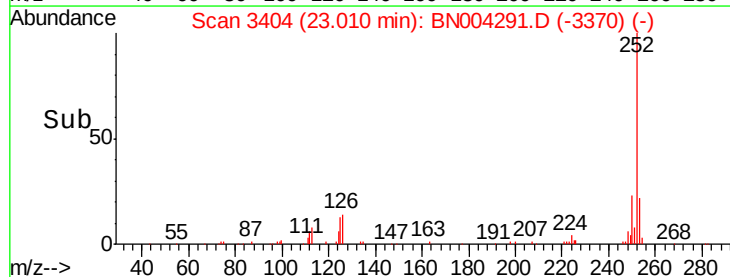
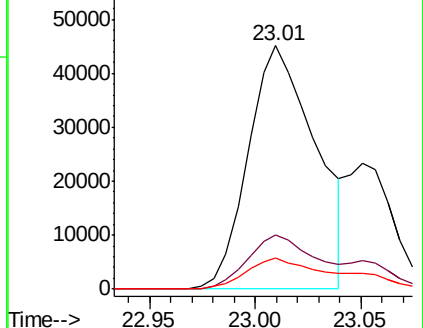
125 12.7 8.2 12.4#

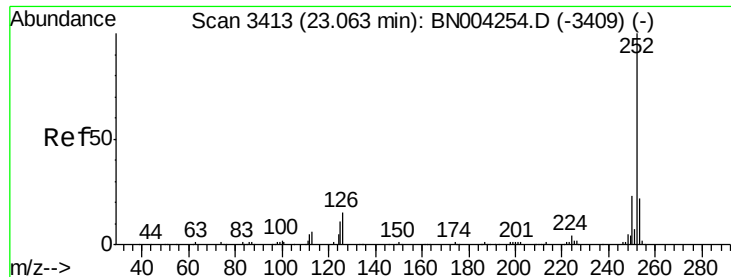


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 7.324 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. -0.05 min

Lab File: BN004291.D

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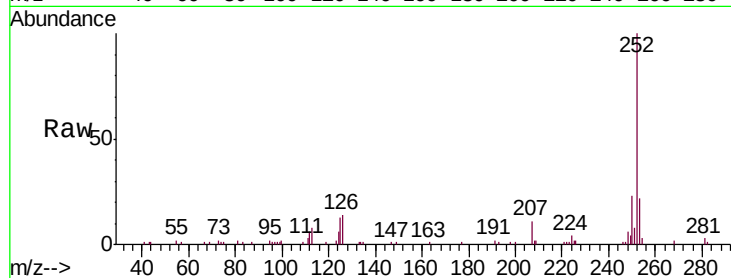
Tgt Ion:252 Resp: 100203

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 12.7 7.9 11.9#



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

