

Data File : BN004300.D
Acq On : 29 Dec 2018 14:25
Operator : JU/SJ
Sample : J6428-08
Misc : GCMS Confirmation
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W2

Quant Time: Dec 30 22:17:51 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	26962	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	128078	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	87353	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	208953	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	225290	20.00	ng/ul	0.00
85) Perylene-d12	23.71	264	204968	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	0.00	176	0	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.20	188	208953	19.79	ng/ul	-0.11
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	23.71	264	196973	17.71	ng/ul	0.15

Target Compounds

					Qvalue	
69) Phenanthrene	17.25	178	161109	13.345	ng/ul	99
71) Anthracene	17.34	178	17202	1.390	ng/ul	99
76) Fluoranthene	19.26	202	276595	18.691	ng/ul	98
79) Pyrene	19.63	202	197271	15.674	ng/ul	100
82) Benzo(a)anthracene	21.37	228	104167	7.415	ng/ul	100
84) Chrysene	21.43	228	110662	8.410	ng/ul	100
87) Benzo(b)fluoranthene	23.01	252	114706	9.342	ng/ul#	97
88) Benzo(k)fluoranthene	23.01	252	114706	9.977	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	26.07	276	20741	1.346	ng/ul	97

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

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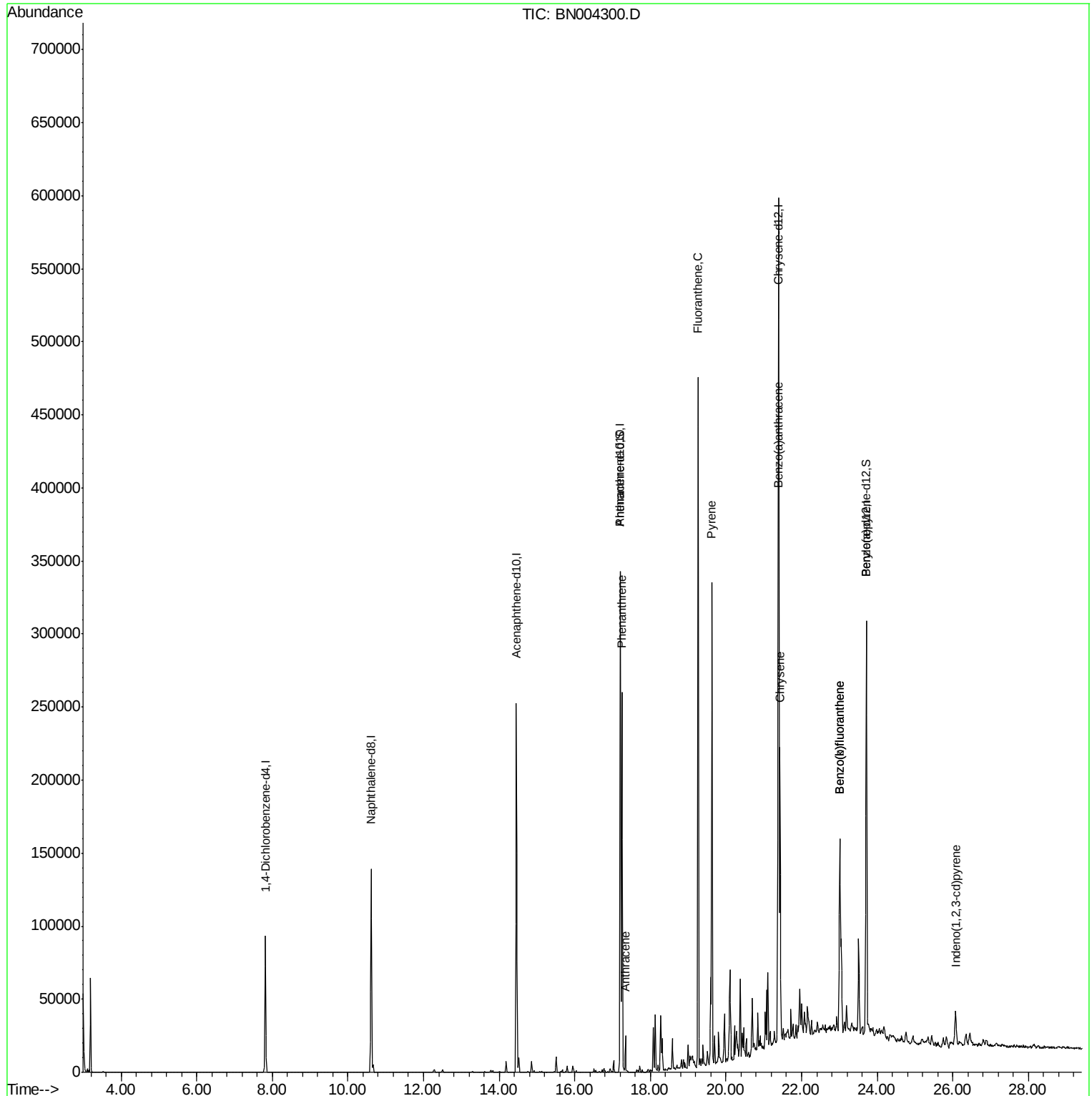
Quant Time: Dec 30 22:17:51 2018

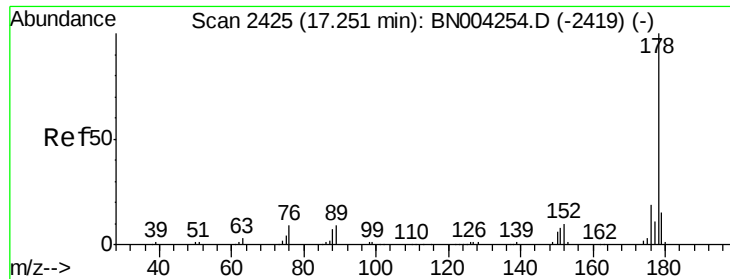
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 28 03:12:04 2018

Response via : Initial Calibration





#69

Phenanthrene

Concen: 13.345 ng/ul

RT: 17.25 min Scan# 2424

Delta R.T. -0.01 min

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Acq: 29 Dec 2018 14:25

Instrument :

BNA_N

ClientSampleId :

A41W2

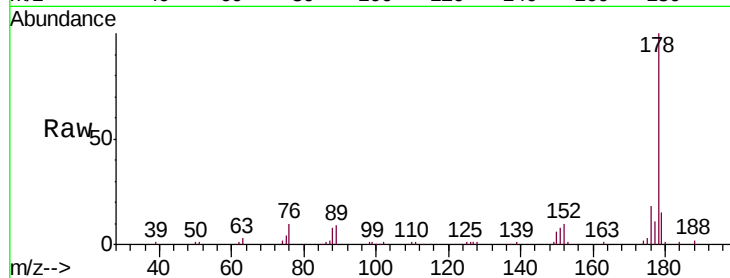
Tgt Ion:178 Resp: 161109

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

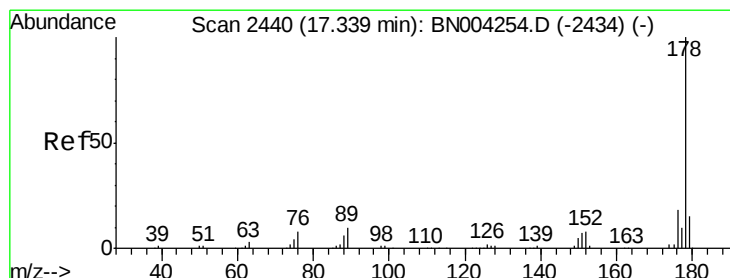
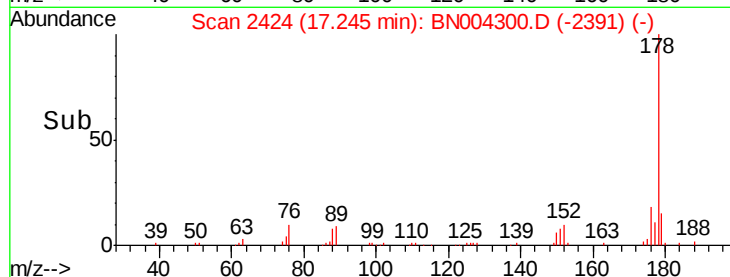
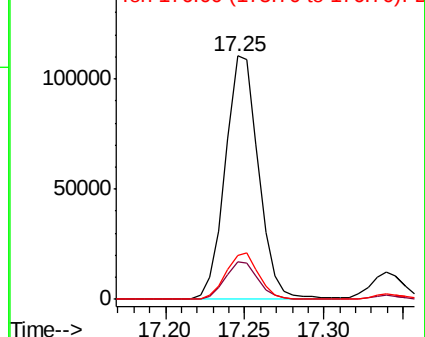
176 18.2 15.0 22.6



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: 1.390 ng/ul

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BN004300.D

Acq: 29 Dec 2018 14:25

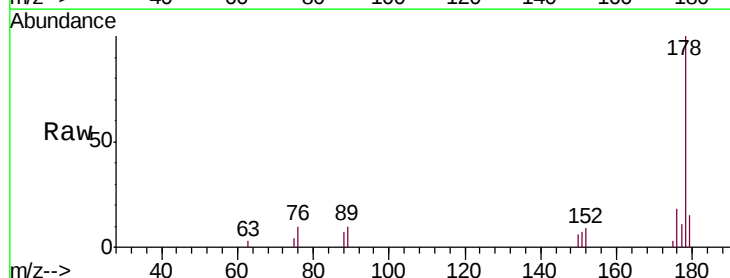
Tgt Ion:178 Resp: 17202

Ion Ratio Lower Upper

178 100

179 14.8 12.1 18.1

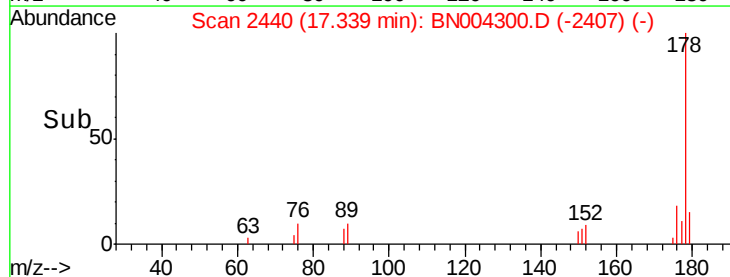
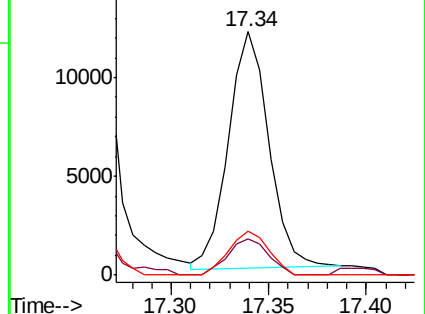
176 18.1 15.2 22.8

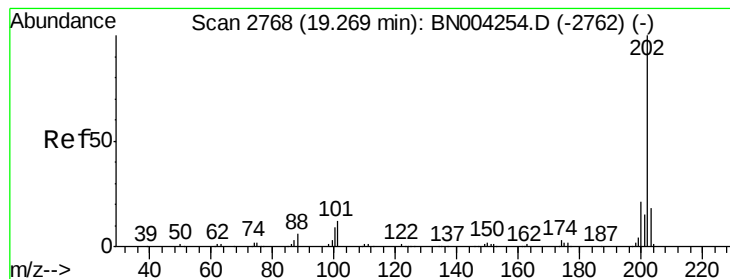


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 18.691 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

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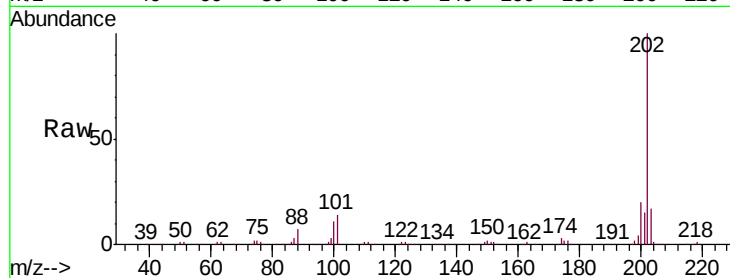
Tgt Ion:202 Resp: 276595

Ion Ratio Lower Upper

202 100

101 13.6 10.2 15.2

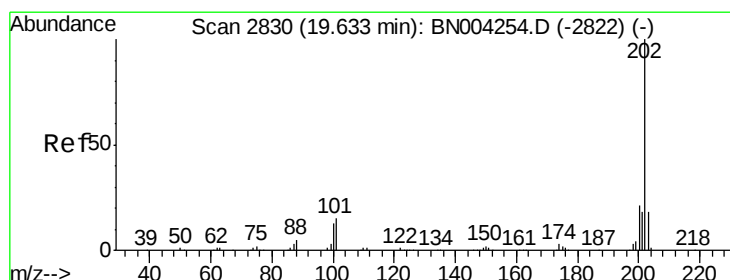
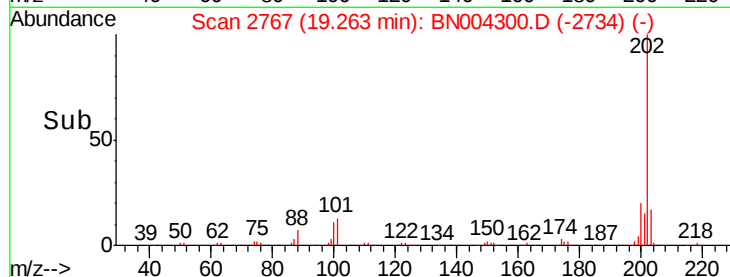
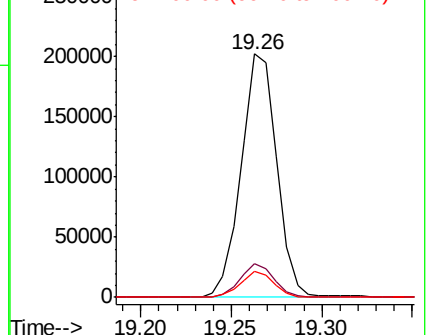
100 10.6 7.8 11.8



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: 15.674 ng/ul

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BN004300.D

Acq: 29 Dec 2018 14:25

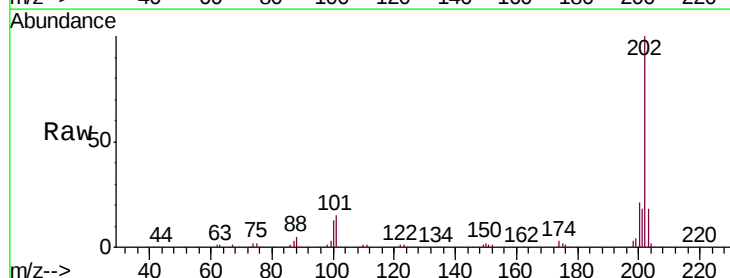
Tgt Ion:202 Resp: 197271

Ion Ratio Lower Upper

202 100

101 15.3 12.2 18.2

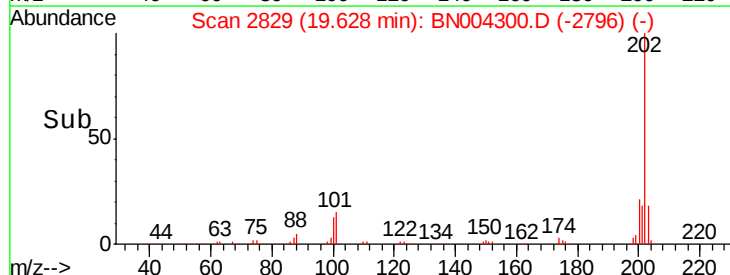
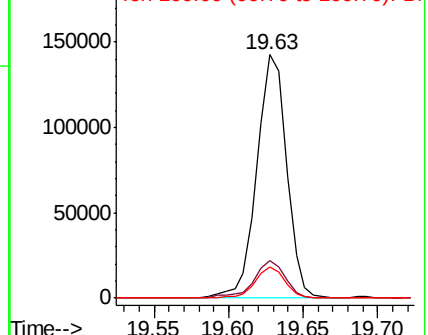
100 12.7 9.9 14.9

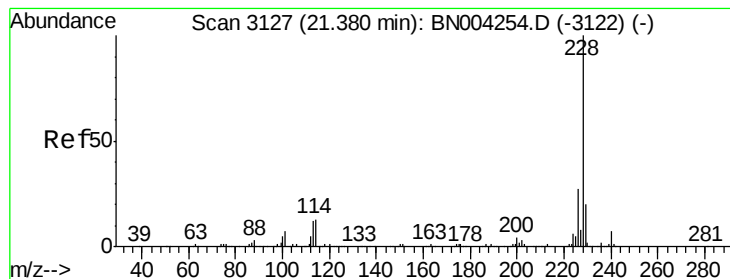


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 7.415 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BN004300.D

Acq: 29 Dec 2018 14:25

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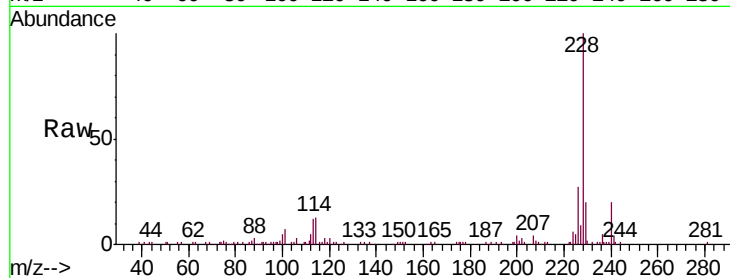
Tgt Ion:228 Resp: 104167

Ion Ratio Lower Upper

228 100

229 20.1 15.9 23.9

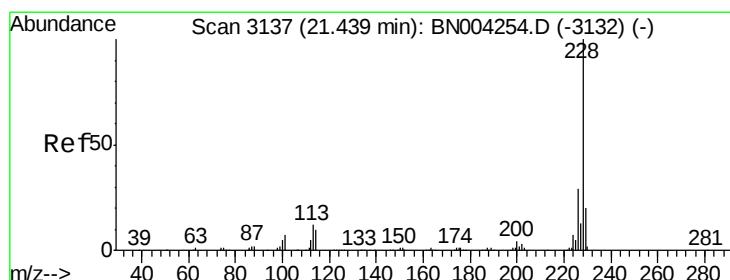
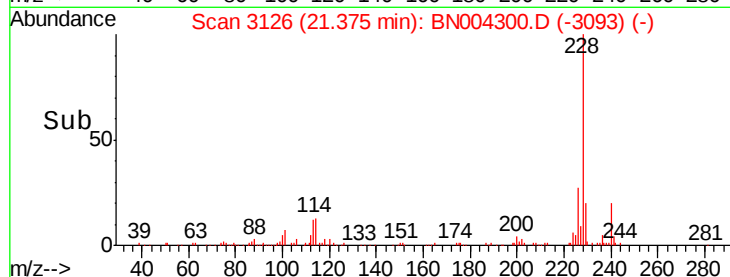
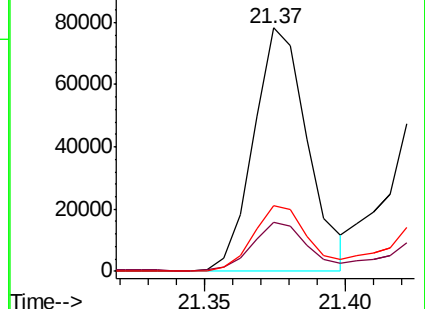
226 26.9 21.4 32.2



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: 8.410 ng/ul

RT: 21.43 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BN004300.D

Acq: 29 Dec 2018 14:25

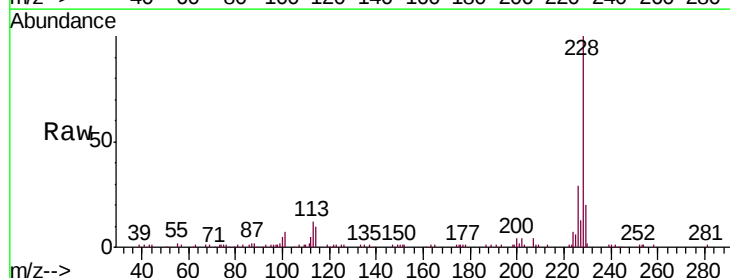
Tgt Ion:228 Resp: 110662

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.8

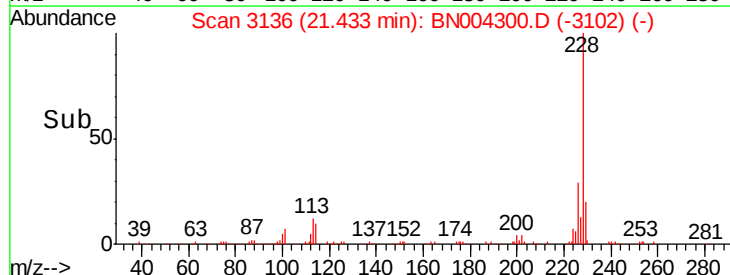
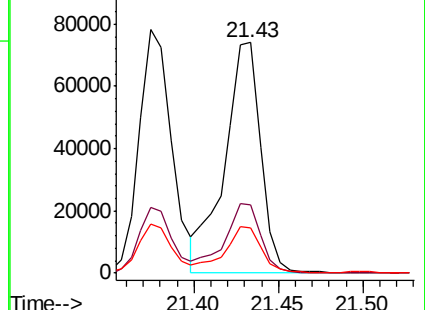
229 19.7 15.8 23.6

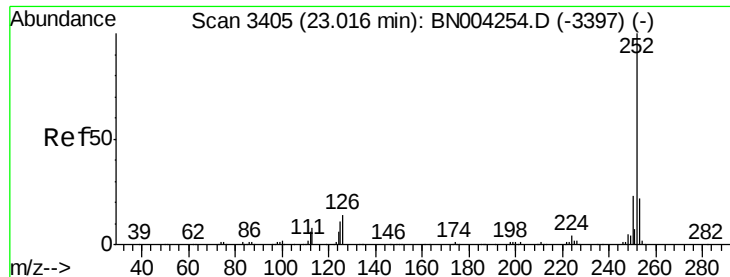


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 9.342 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. 0.00 min

Lab File: BN004300.D

Acq: 29 Dec 2018 14:25

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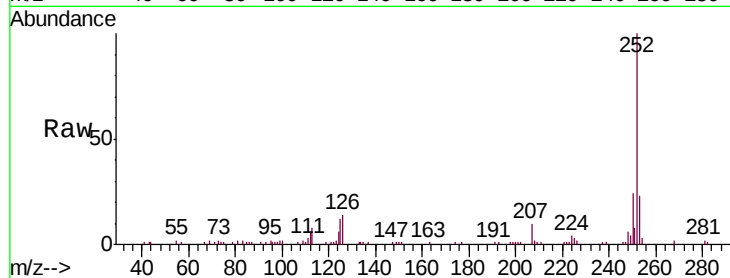
Tgt Ion:252 Resp: 114706

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

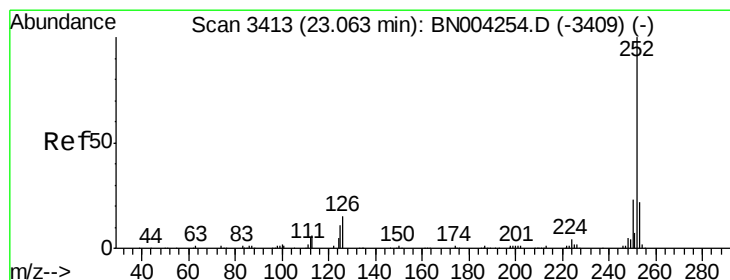
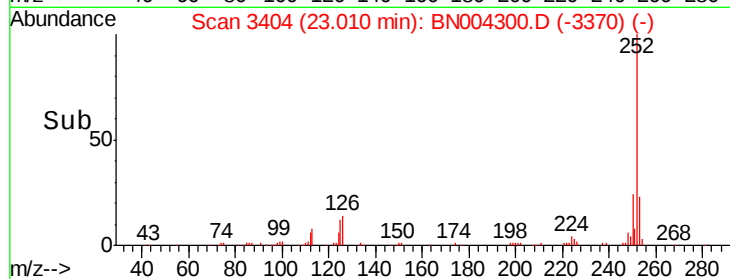
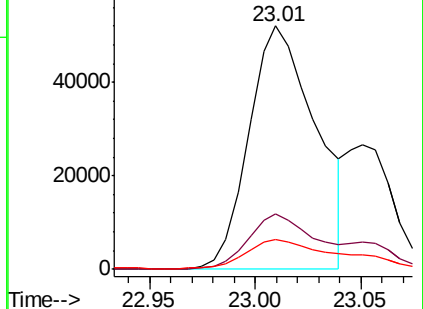
125 12.4 8.2 12.4#



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: 9.977 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. -0.05 min

Lab File: BN004300.D

Acq: 29 Dec 2018 14:25

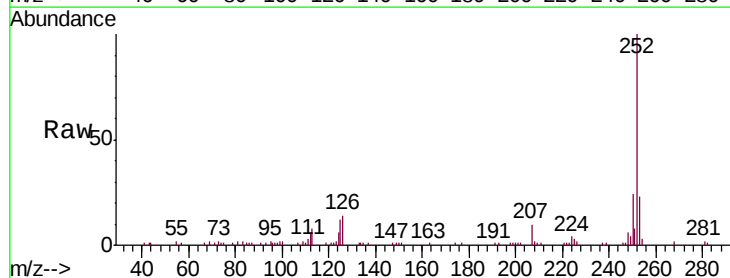
Tgt Ion:252 Resp: 114706

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

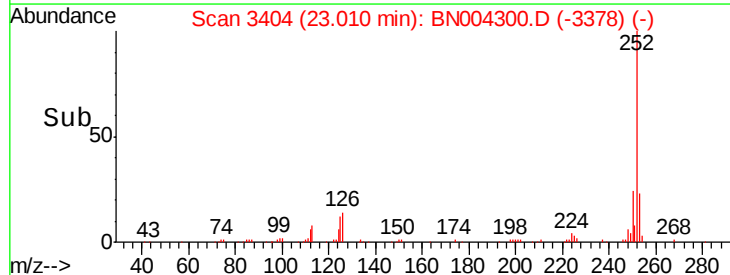
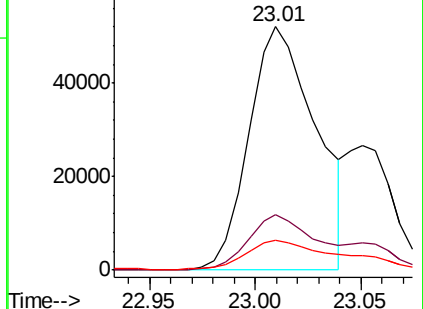
125 12.4 7.9 11.9#

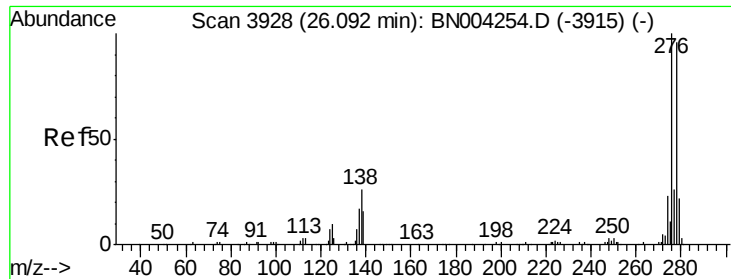


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.346 ng/ul

RT: 26.07 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BN004300.D

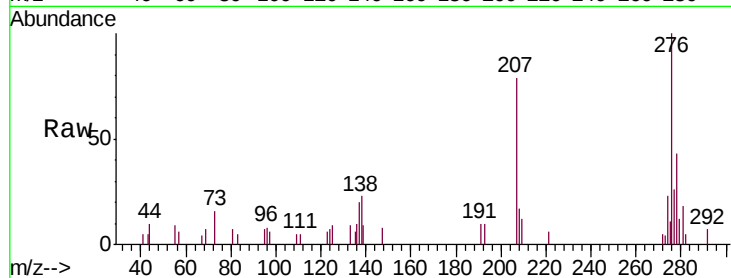
Acq: 29 Dec 2018 14:25

Instrument :

BNA_N

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A41W2



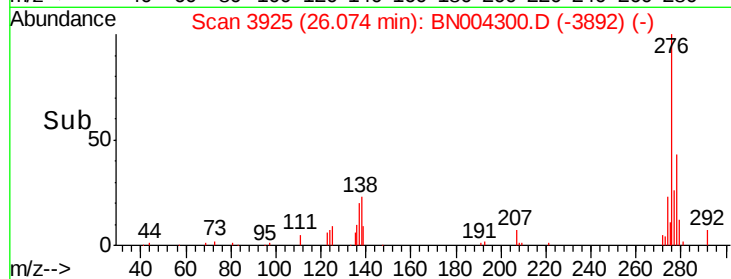
Tgt Ion:276 Resp: 20741

Ion Ratio Lower Upper

276 100

138 22.6 20.4 30.6

277 25.8 20.6 30.8



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

