

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
 Data File : BN004186.D
 Acq On : 22 Dec 2018 07:00
 Operator : JU/SJ
 Sample : J6412-05
 Misc : GC-MS Confirmation
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 24 07:10:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 24 07:07:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	31019	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	139884	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	91885	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	209521	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	217554	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	198318	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	10.58	131	393	0.18	ng/ul	-0.18
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	15.46	176	251	0.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.21	188	209521	19.79	ng/ul	-0.10
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	23.72	264	194957	18.12	ng/ul	0.14

Target Compounds

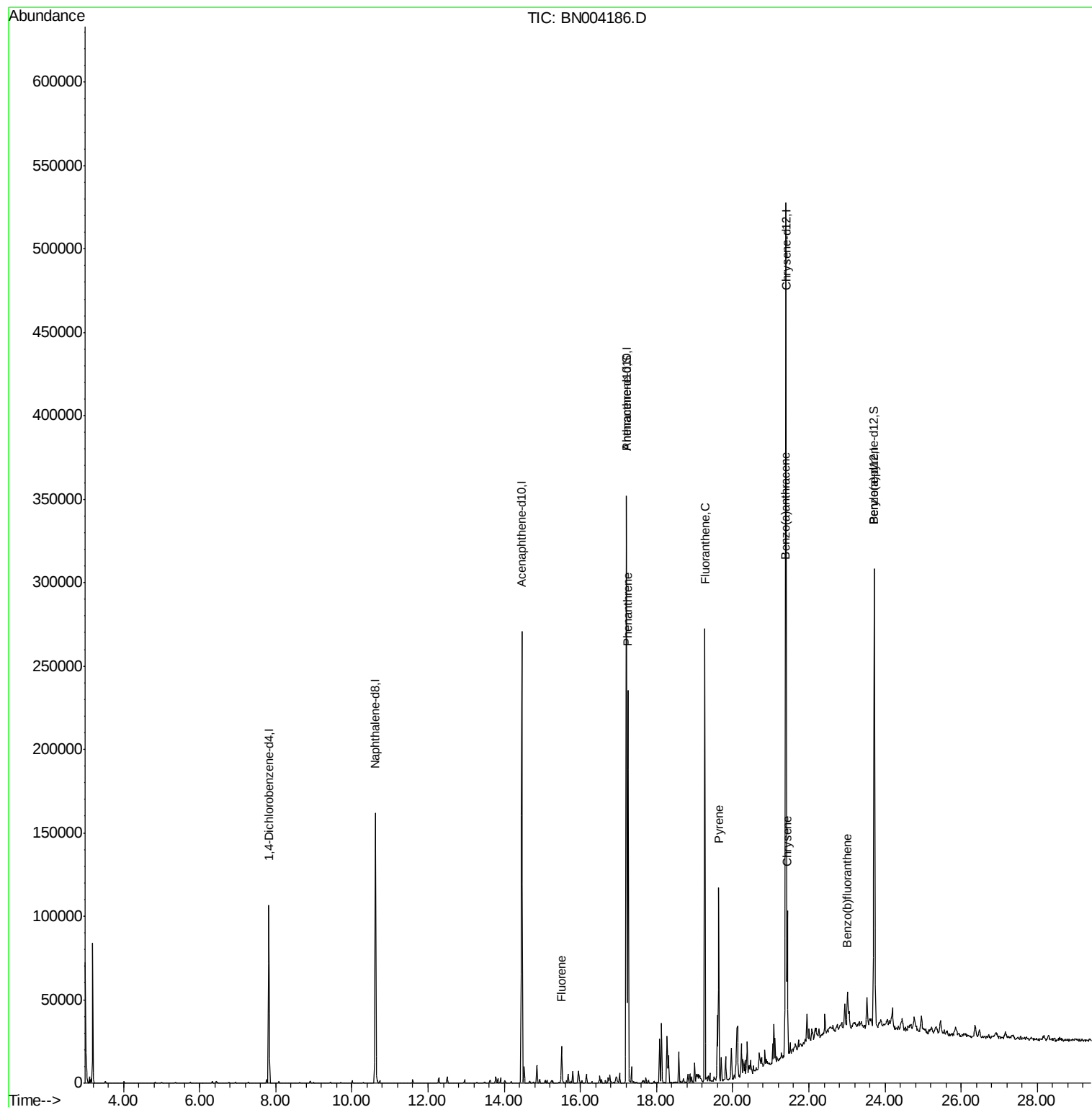
					Ovalue	
58) Fluorene	15.51	166	11146	1.429	ng/ul	98
69) Phenanthrene	17.25	178	141897	11.721	ng/ul	99
76) Fluoranthene	19.27	202	159227	10.731	ng/ul	98
79) Pyrene	19.63	202	70596	5.808	ng/ul	99
82) Benzo(a)anthracene	21.38	228	37613	2.773	ng/ul	99
84) Chrysene	21.43	228	46269	3.641	ng/ul	98
87) Benzo(b)fluoranthene	23.02	252	15528	1.307	ng/ul#	92

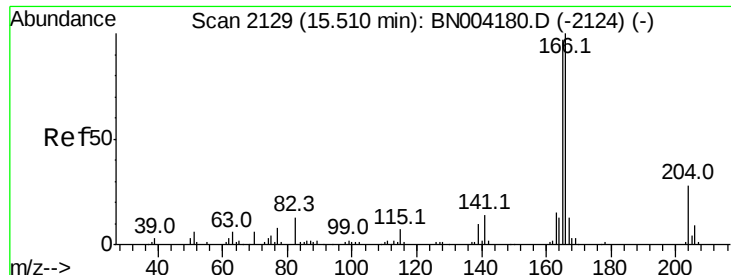
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 24 07:07:24 2018
Response via : Initial Calibration





#58

Fluorene

Concen: 1.429 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BN004186.D

Acq: 22 Dec 2018 07:00

Instrument :

BNA_N

ClientSampleId :

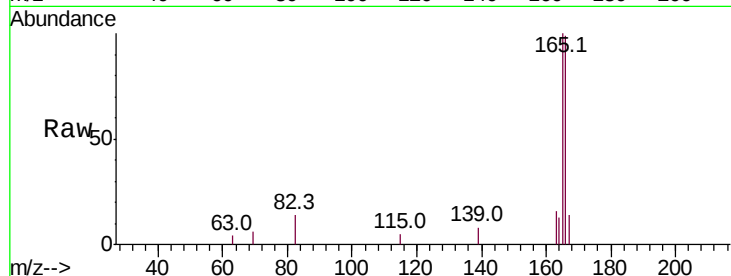
Tot Ion:166 Resp: 11146

Ion Ratio Lower Upper

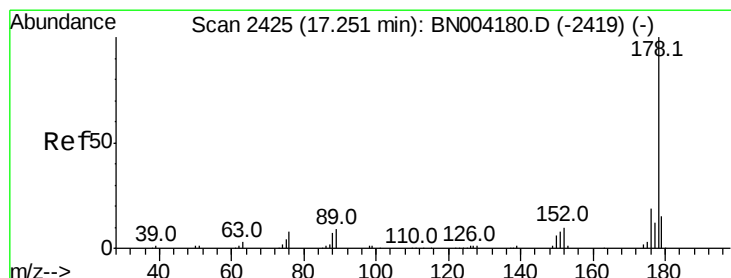
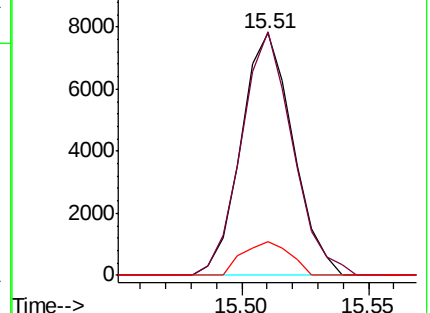
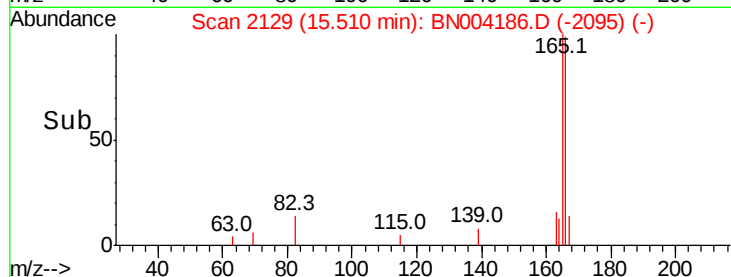
166 100

165 100.7 78.6 117.8

167 13.9 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: 11.721 ng/ul

RT: 17.25 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BN004186.D

Acq: 22 Dec 2018 07:00

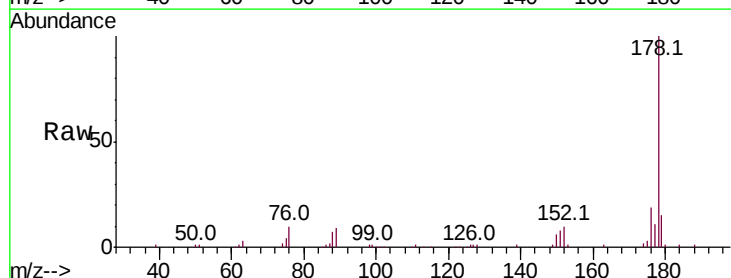
Tgt Ion:178 Resp: 141897

Ion Ratio Lower Upper

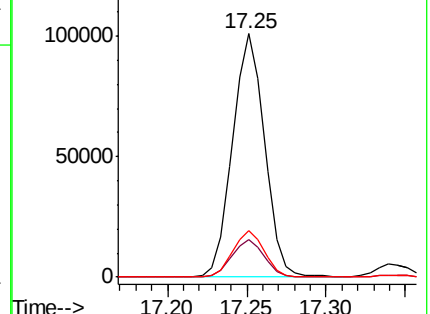
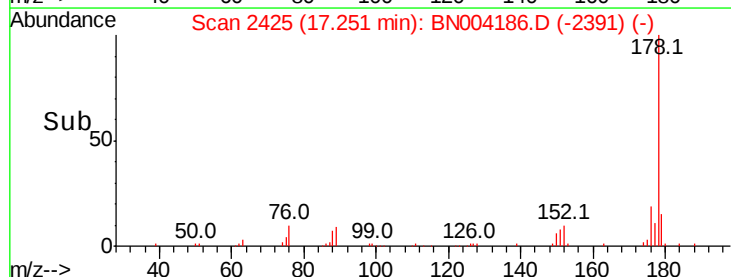
178 100

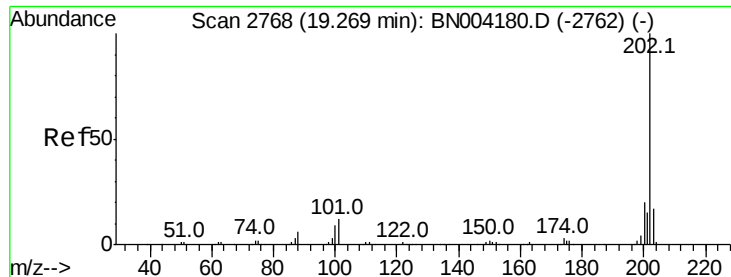
179 15.4 12.1 18.1

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

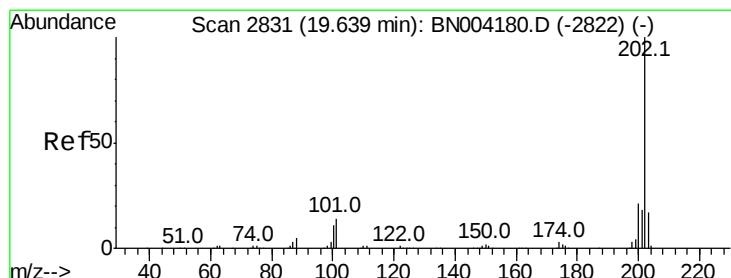
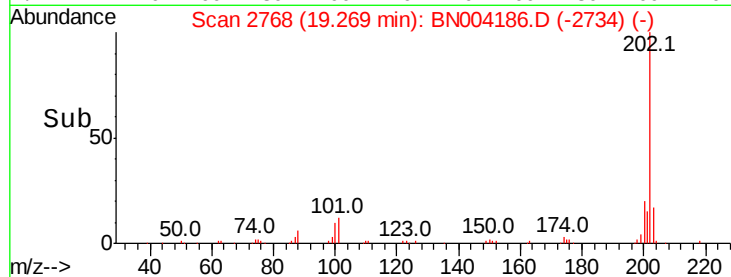
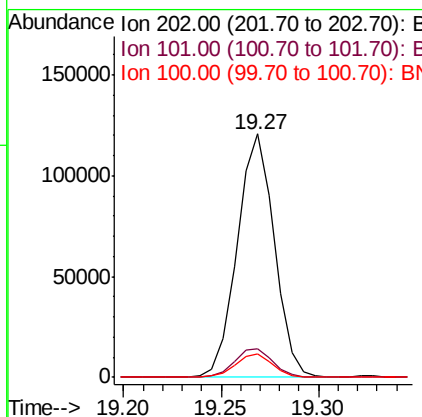
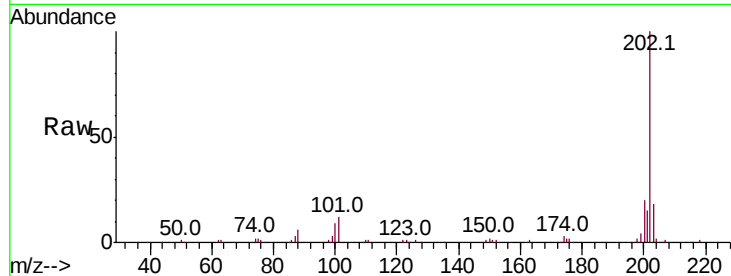




#76
Fluoranthene
Concen: 10.731 ng/ul
RT: 19.27 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BN004186.D
Acq: 22 Dec 2018 07:00

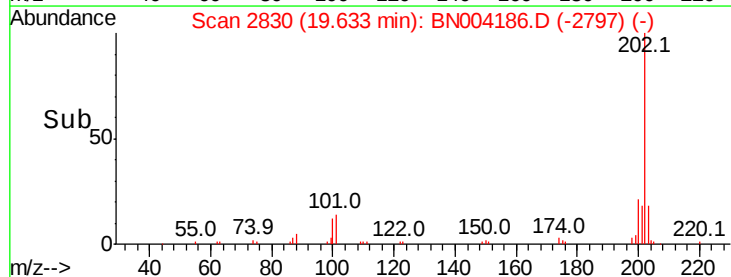
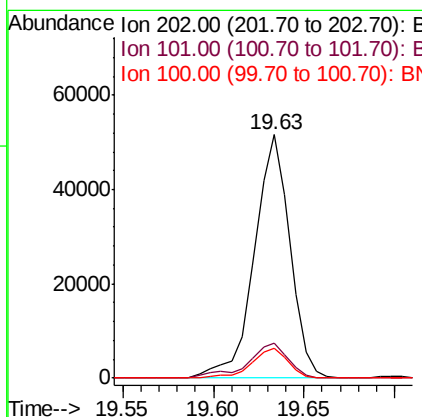
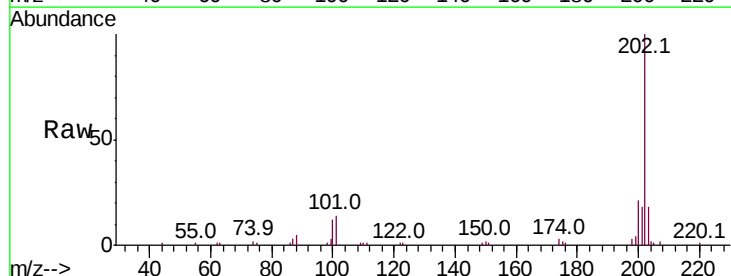
Instrument :
BNA_N
ClientSampleId :

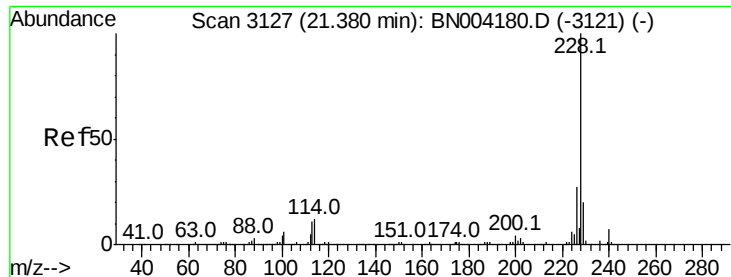
Tot Ion:202 Resp: 159227
Ion Ratio Lower Upper
202 100
101 11.9 10.2 15.2
100 9.5 7.8 11.8



#79
Pyrene
Concen: 5.808 ng/ul
RT: 19.63 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BN004186.D
Acq: 22 Dec 2018 07:00

Tgt Ion:202 Resp: 70596
Ion Ratio Lower Upper
202 100
101 14.3 12.2 18.2
100 12.1 9.9 14.9





#82

Benzo(a)anthracene

Concen: 2.773 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BN004186.D

Acq: 22 Dec 2018 07:00

Instrument :

BNA_N

ClientSampleId :

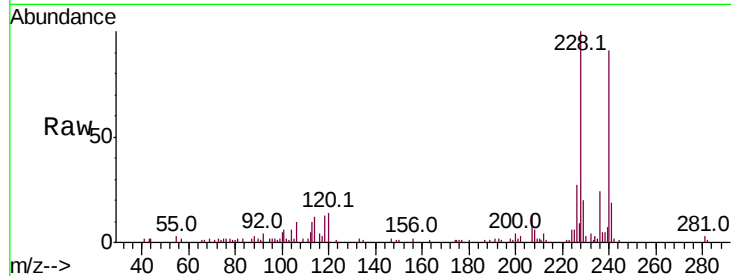
Tot Ion:228 Resp: 37613

Ion Ratio Lower Upper

228 100

229 20.2 15.9 23.9

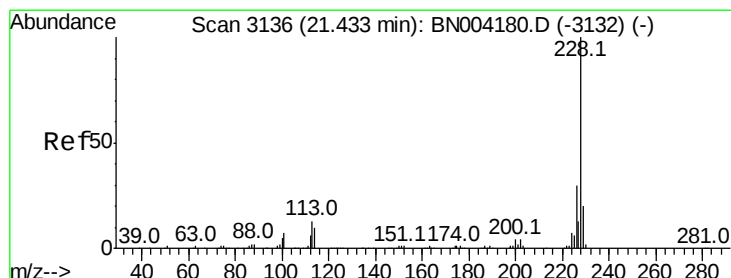
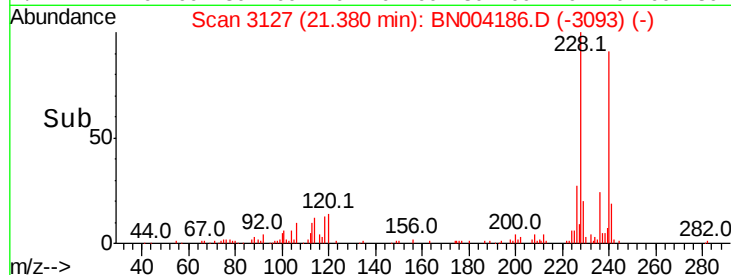
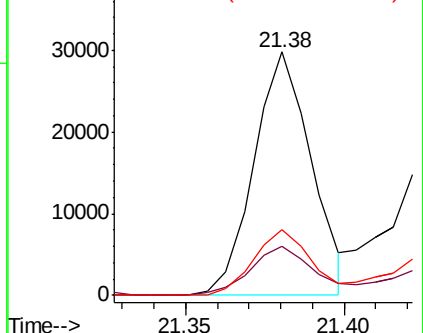
226 27.0 21.4 32.2



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: 3.641 ng/ul

RT: 21.43 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BN004186.D

Acq: 22 Dec 2018 07:00

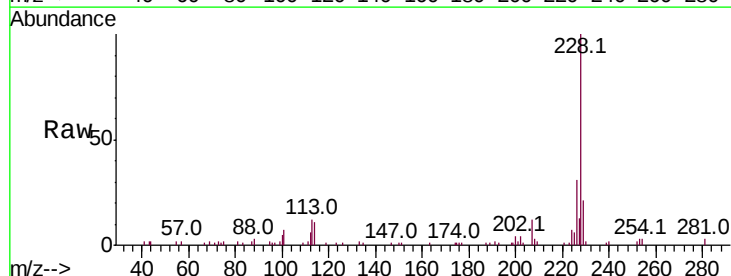
Tgt Ion:228 Resp: 46269

Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.8

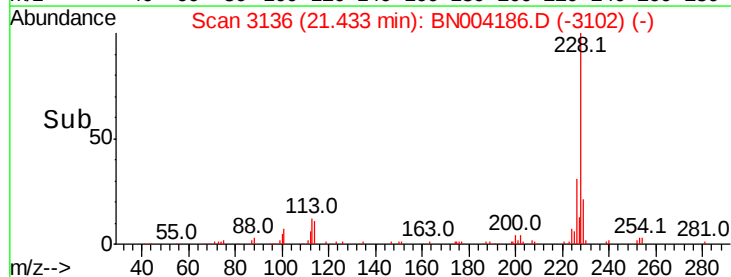
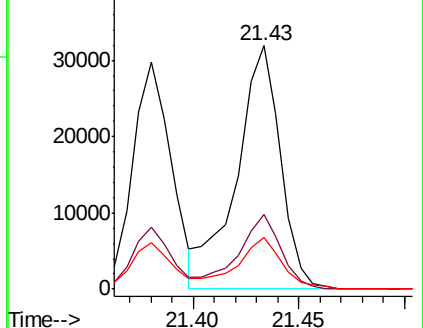
229 21.2 15.8 23.6

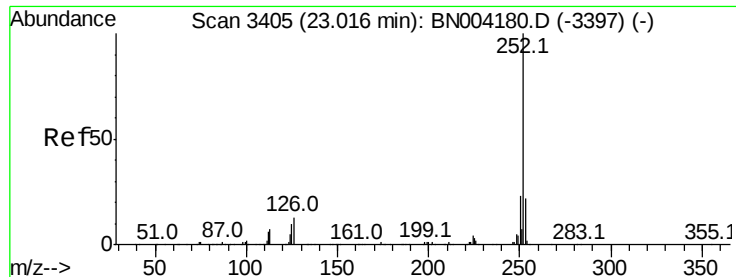


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87
 Benzo(b)fluoranthene
 Concen: 1.307 ng/ul
 RT: 23.02 min Scan# 3405
 Delta R.T. -0.00 min
 Lab File: BN004186.D
 Acq: 22 Dec 2018 07:00

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	13.9	8.2	12.4

