

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122118\
 Data File : BN004188.D
 Acq On : 22 Dec 2018 08:10
 Operator : JU/SJ
 Sample : J6412-20
 Misc : GC-MS Confirmation
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB525

Quant Time: Dec 24 07:25:21 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	31912	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	149884	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	93814	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	209764	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	210021	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	187502	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	0d	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	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

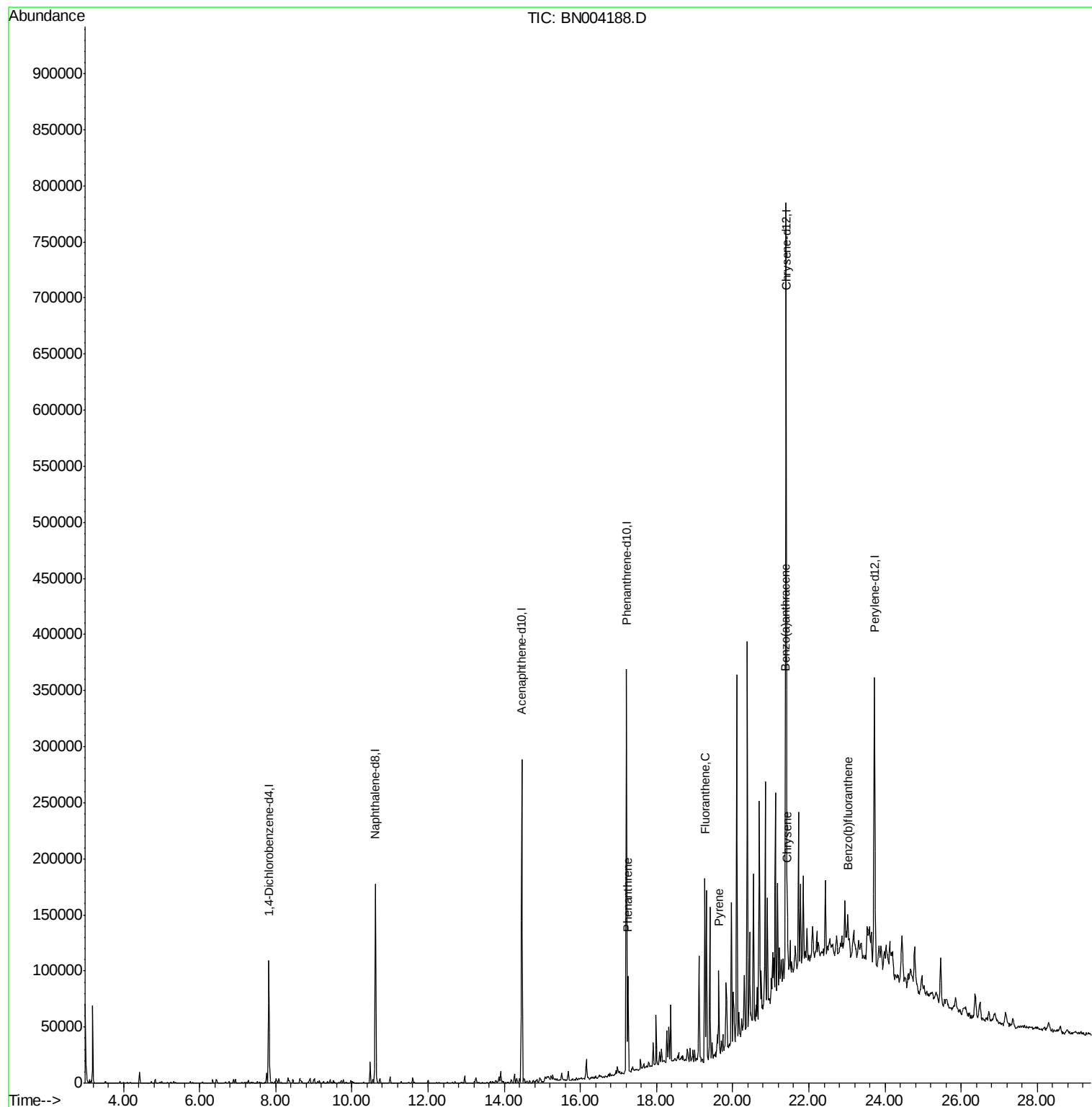
					Qvalue	
69) Phenanthrene	17.25	178	50535	4.170	ng/ul	99
76) Fluoranthene	19.27	202	91882	6.185	ng/ul	100
79) Pyrene	19.63	202	42833	3.651	ng/ul	98
82) Benzo(a)anthracene	21.38	228	27722	2.117	ng/ul	99
84) Chrysene	21.43	228	31408	2.560	ng/ul	98
87) Benzo(b)fluoranthene	23.02	252	13083	1.165	ng/ul#	69

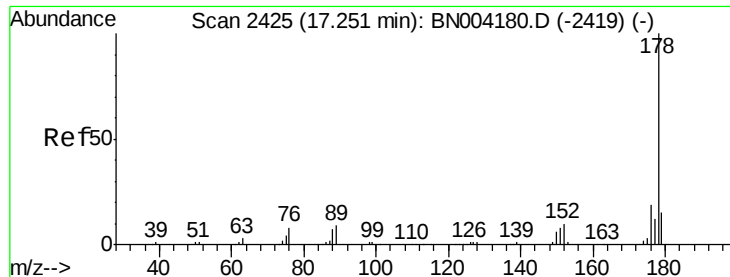
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#69

Phenanthrene

Concen: 4.170 ng/ul

RT: 17.25 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BN004188.D

Acq: 22 Dec 2018 08:10

Instrument :

BNA_N

ClientSampleId :

CB525

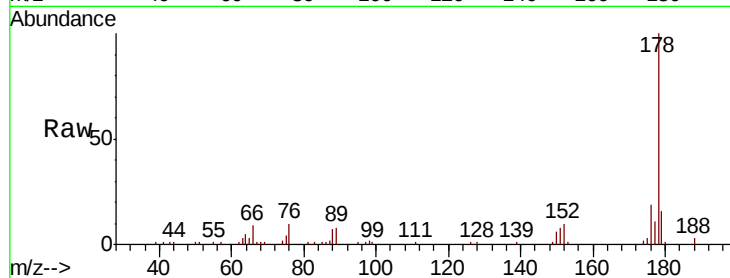
Tgt Ion:178 Resp: 50535

Ion Ratio Lower Upper

178 100

179 15.8 12.1 18.1

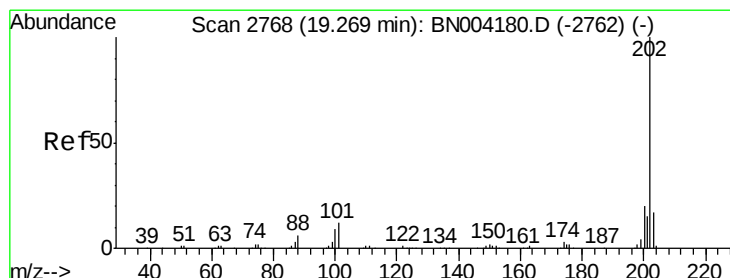
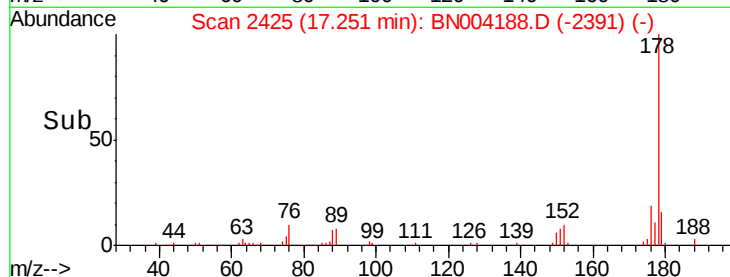
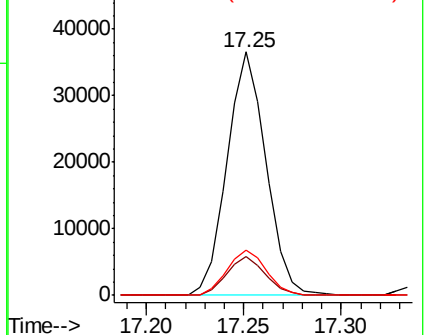
176 18.7 15.0 22.6



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: 6.185 ng/ul

RT: 19.27 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BN004188.D

Acq: 22 Dec 2018 08:10

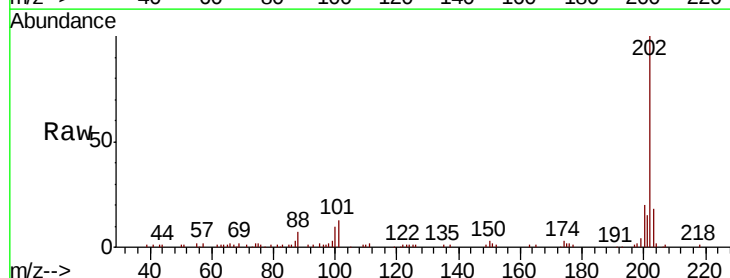
Tgt Ion:202 Resp: 91882

Ion Ratio Lower Upper

202 100

101 12.5 10.2 15.2

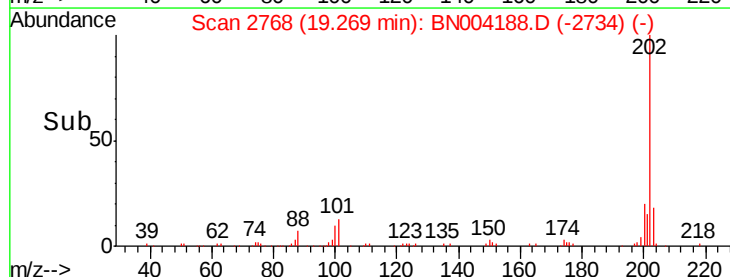
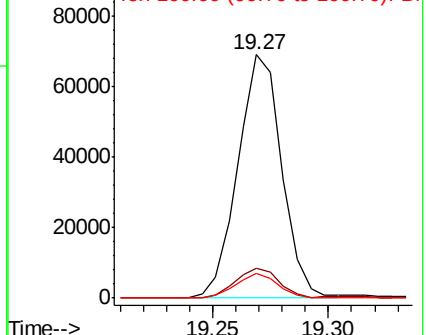
100 9.9 7.8 11.8

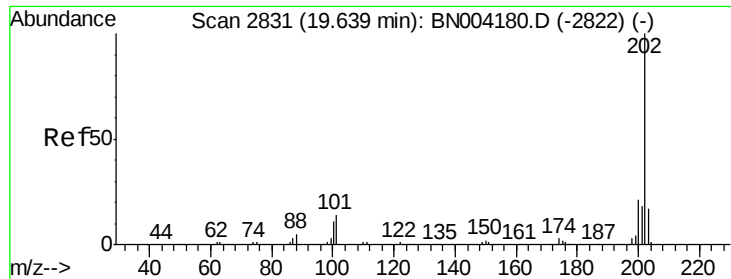


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

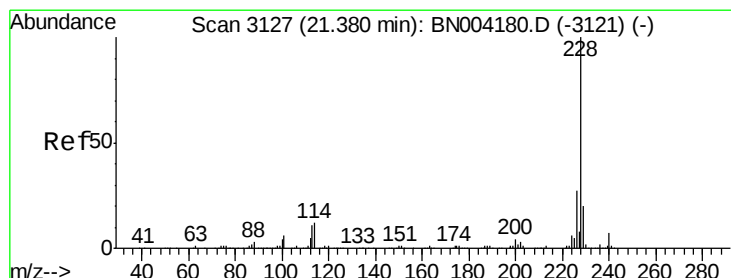
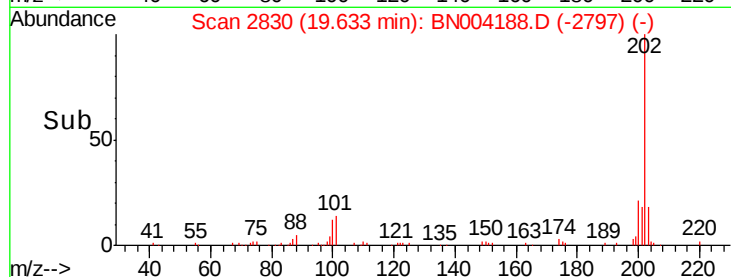
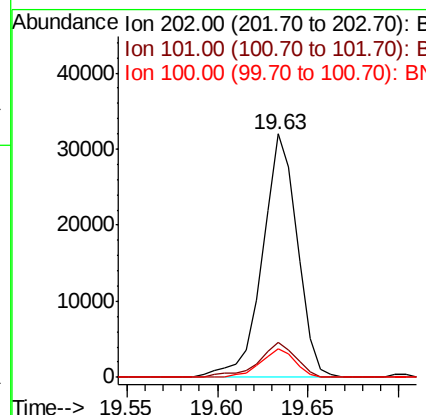
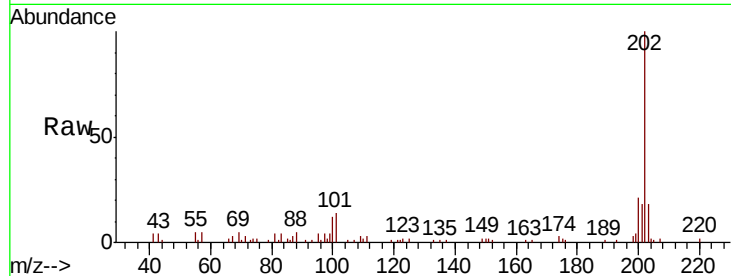




#79
Pyrene
Concen: 3.651 ng/ul
RT: 19.63 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BN004188.D
Acq: 22 Dec 2018 08:10

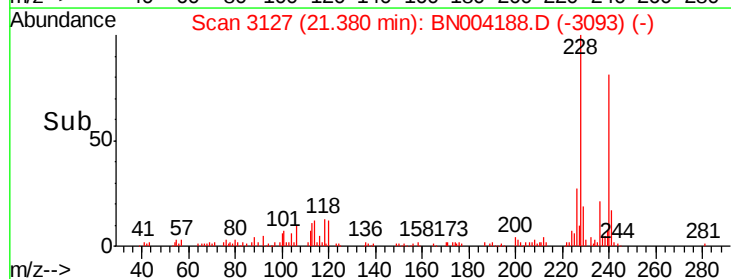
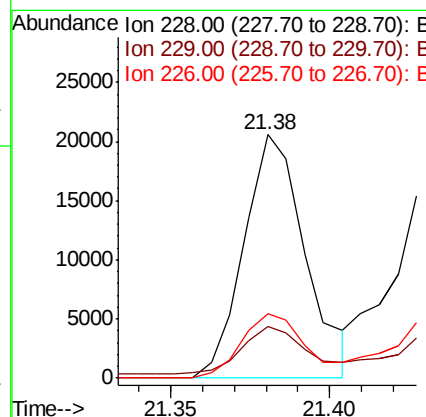
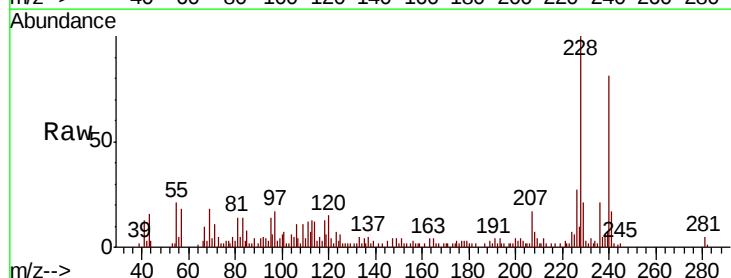
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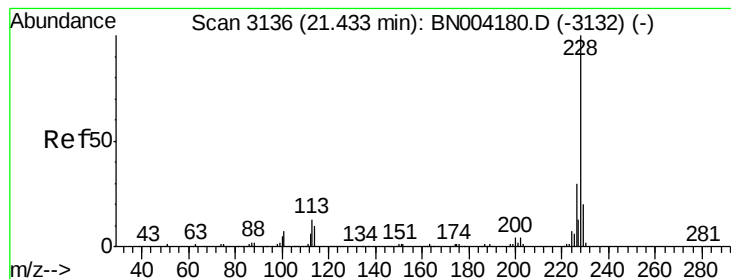
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.2	18.2
100	11.9	9.9	14.9



#82
Benzo(a)anthracene
Concen: 2.117 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BN004188.D
Acq: 22 Dec 2018 08:10

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.9	23.9
226	26.7	21.4	32.2





#84

Chrysene

Concen: 2.560 ng/ul

RT: 21.43 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BN004188.D

Acq: 22 Dec 2018 08:10

Instrument :

BNA_N

ClientSampleId :

CB525

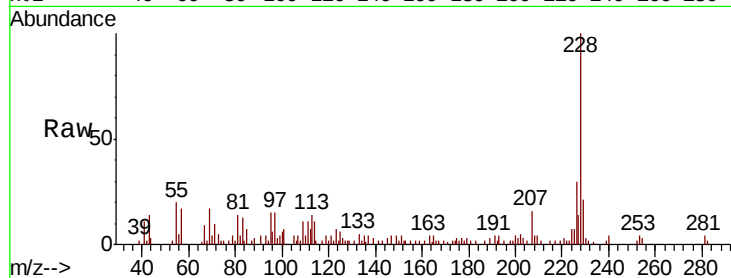
Tgt Ion:228 Resp: 31408

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

229 21.1 15.8 23.6

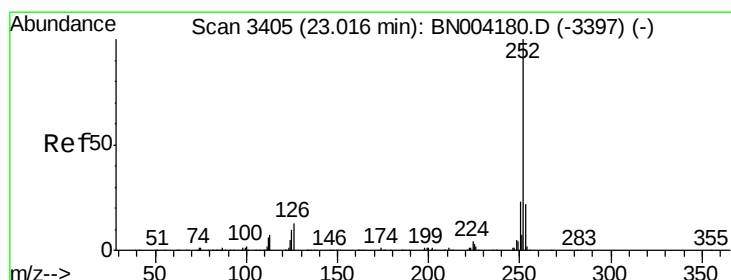
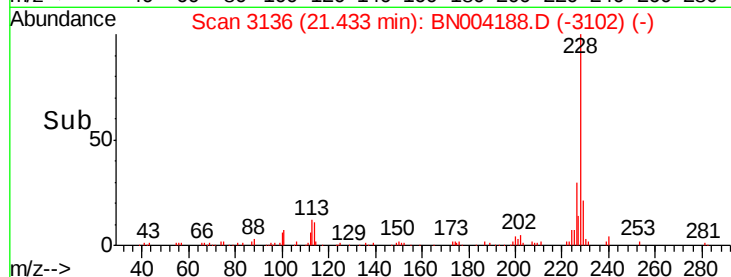
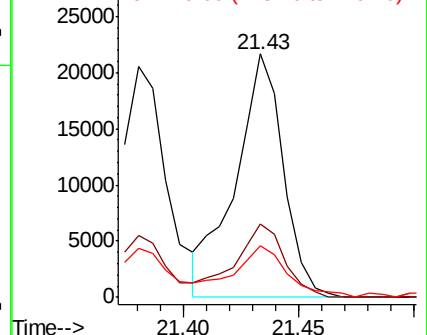


Abundance

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: 1.165 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. -0.00 min

Lab File: BN004188.D

Acq: 22 Dec 2018 08:10

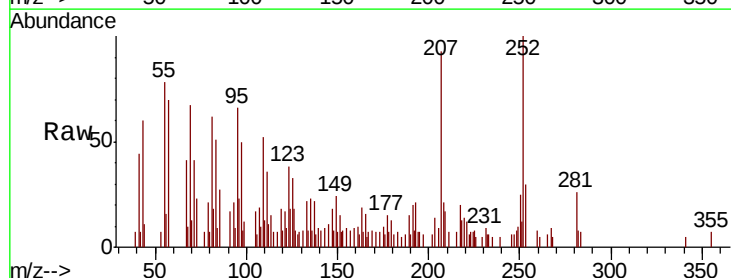
Tgt Ion:252 Resp: 13083

Ion Ratio Lower Upper

252 100

253 29.8 17.3 25.9#

125 32.5 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

