

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122118\
 Data File : BN004194.D
 Acq On : 22 Dec 2018 11:41
 Operator : JU/SJ
 Sample : J6415-09
 Misc : GC-MS Confirmation
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 24 07:11:50 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	29657	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	144293	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	95782	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	221791	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	235311	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	220467	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	15.46	176	279	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	221791	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	217080	18.15	ng/ul	0.15

Target Compounds

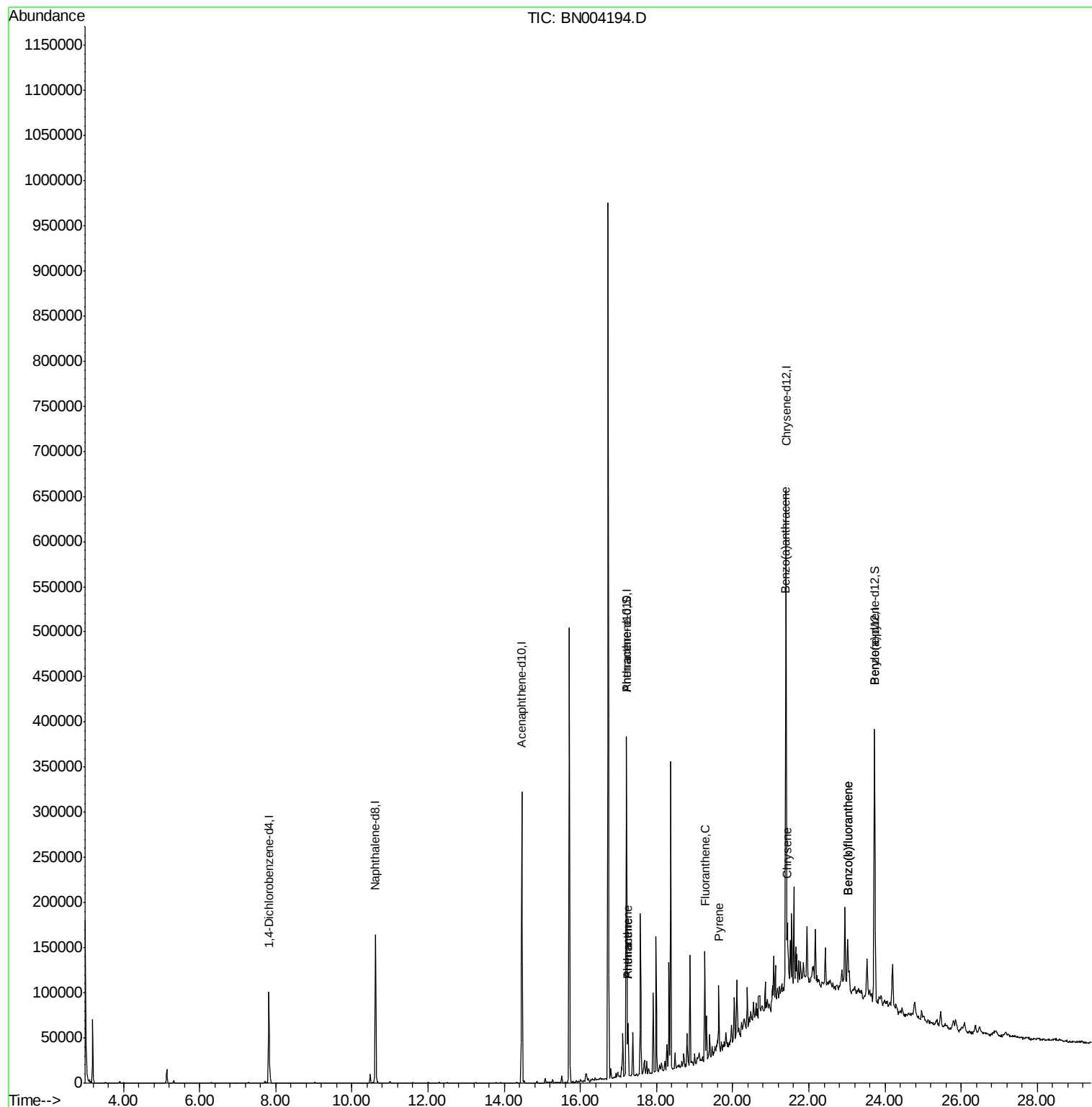
					Ovalue	
69) Phenanthrene	17.25	178	34837	2.718	ng/ul	99
71) Anthracene	17.25	178	34837	2.652	ng/ul	100
76) Fluoranthene	19.27	202	67498	4.297	ng/ul	99
79) Pyrene	19.63	202	43187	3.285	ng/ul	99
82) Benzo(a)anthracene	21.39	228	31127	2.121	ng/ul	98
84) Chrysene	21.43	228	37401	2.721	ng/ul	97
87) Benzo(b)fluoranthene	23.02	252	45118	3.416	ng/ul#	91
88) Benzo(k)fluoranthene	23.02	252	45118	3.649	ng/ul#	91

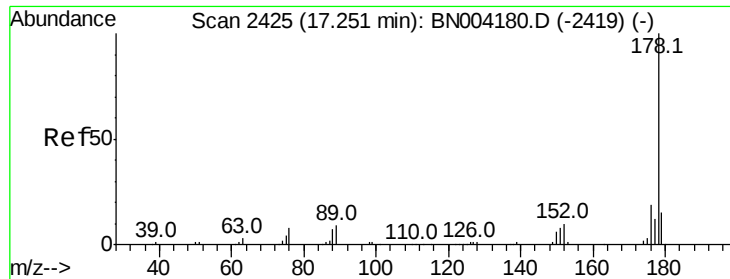
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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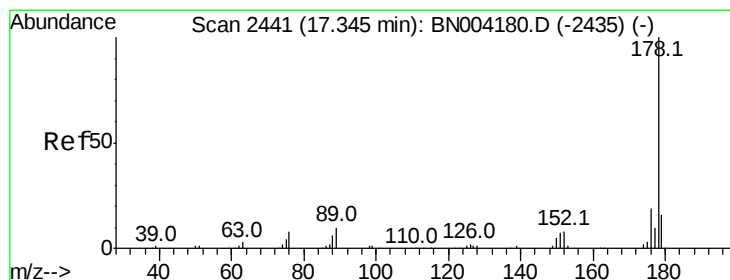
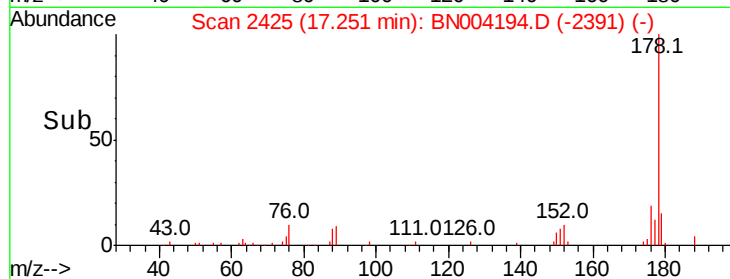
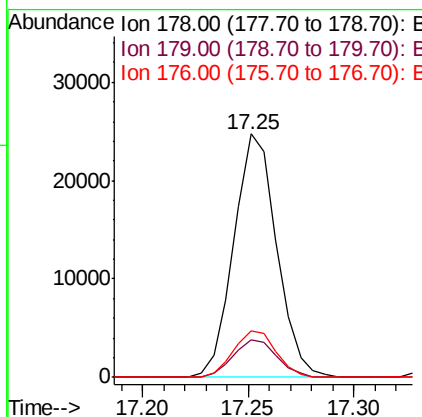
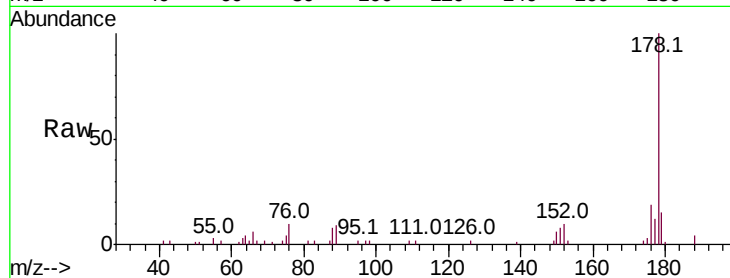




#69
Phenanthrene
Concen: 2.718 ng/ul
RT: 17.25 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BN004194.D
Acq: 22 Dec 2018 11:41

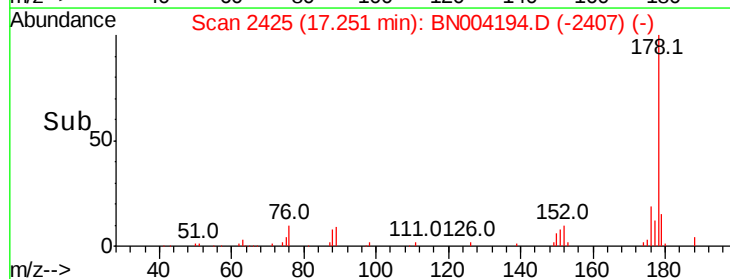
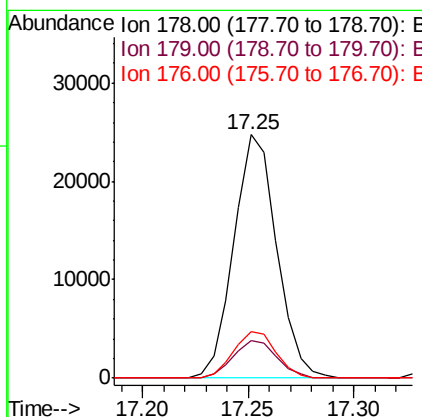
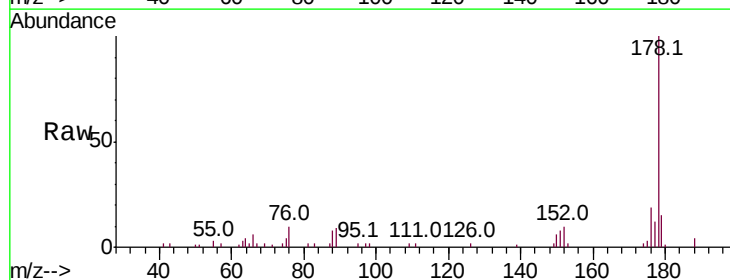
Instrument :
BNA_N
ClientSampleId :

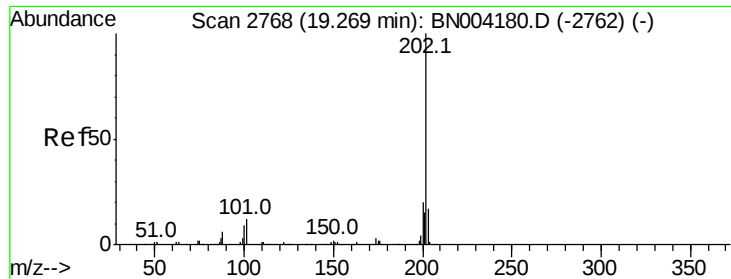
Tot Ion:178 Resp: 34837
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 19.1 15.0 22.6



#71
Anthracene
Concen: 2.652 ng/ul
RT: 17.25 min Scan# 2425
Delta R.T. -0.09 min
Lab File: BN004194.D
Acq: 22 Dec 2018 11:41

Tgt Ion:178 Resp: 34837
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 19.1 15.2 22.8





#76

Fluoranthene

Concen: 4.297 ng/ul

RT: 19.27 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BN004194.D

Acq: 22 Dec 2018 11:41

Instrument :

BNA_N

ClientSampleId :

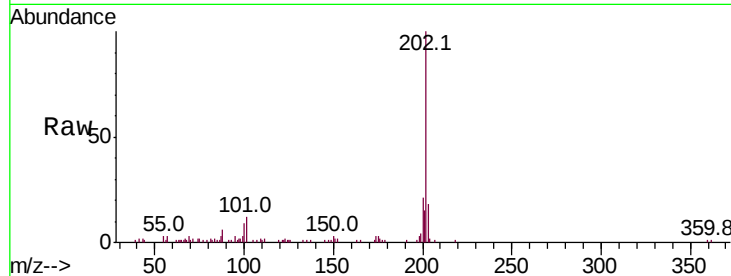
Tot Ion:202 Resp: 67498

Ion Ratio Lower Upper

202 100

101 12.1 10.2 15.2

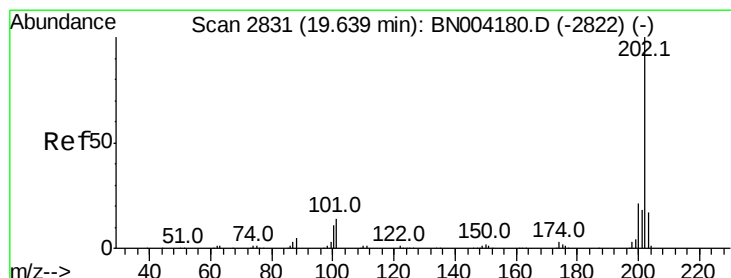
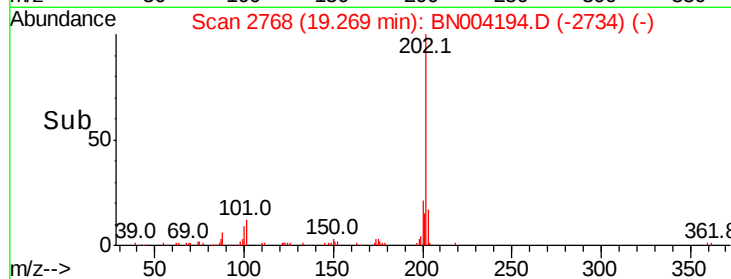
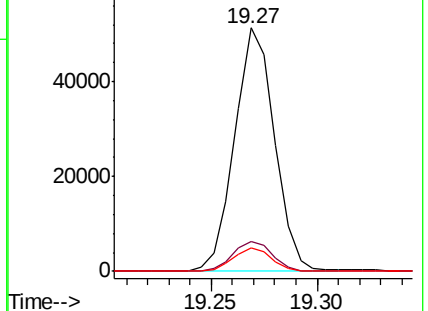
100 9.5 7.8 11.8



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: 3.285 ng/ul

RT: 19.63 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BN004194.D

Acq: 22 Dec 2018 11:41

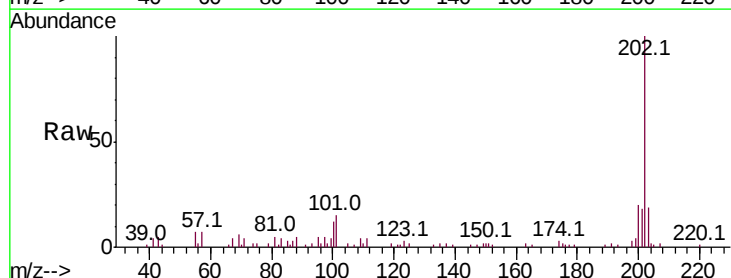
Tgt Ion:202 Resp: 43187

Ion Ratio Lower Upper

202 100

101 14.6 12.2 18.2

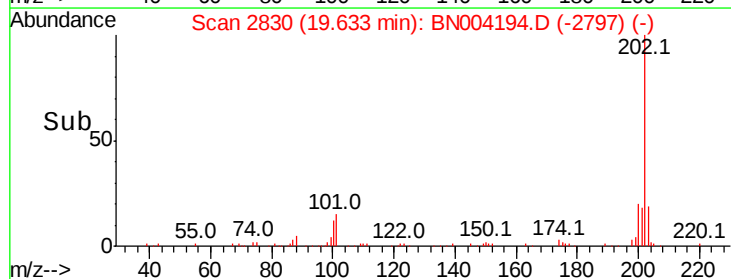
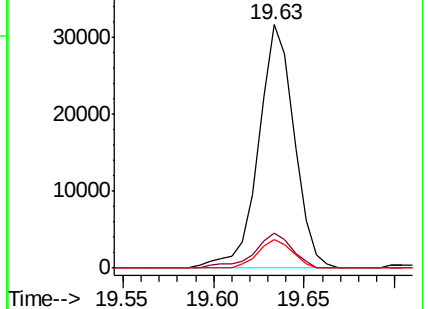
100 12.0 9.9 14.9

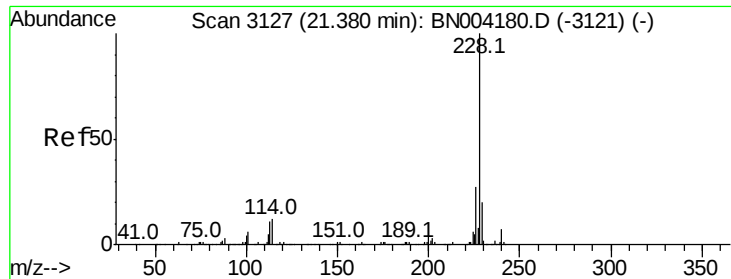


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

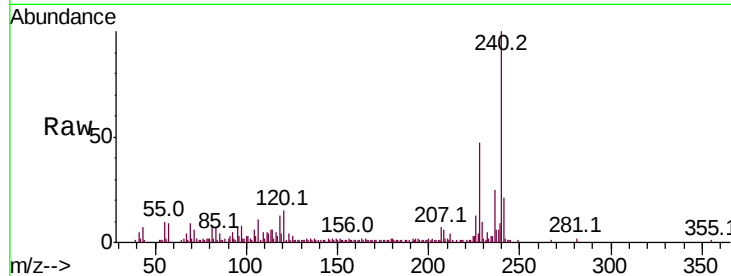




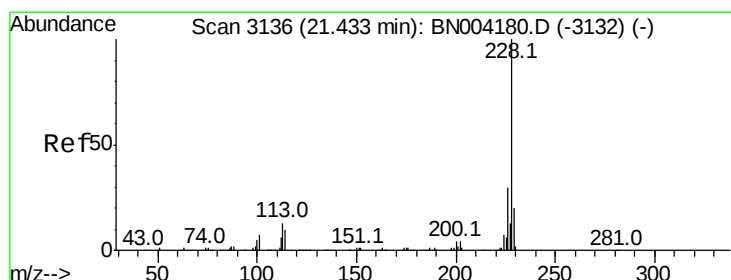
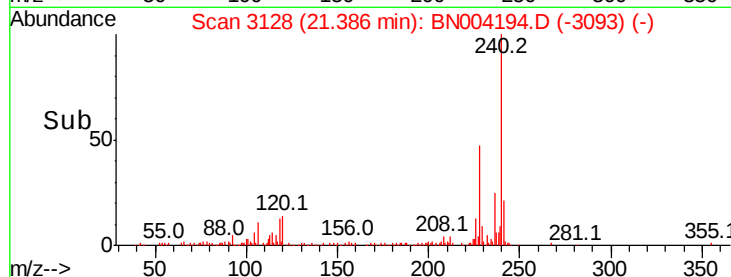
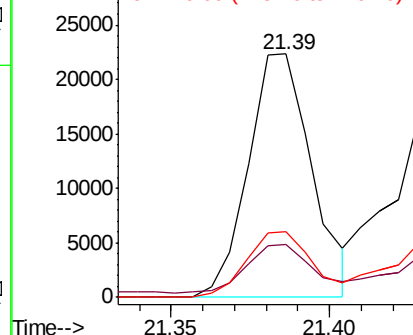
#82
Benzo(a)anthracene
Concen: 2.121 ng/ul
RT: 21.39 min Scan# 3128
Delta R.T. 0.01 min
Lab File: BN004194.D
Acq: 22 Dec 2018 11:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:228 Resp: 31127
Ion Ratio Lower Upper
228 100
229 21.6 15.9 23.9
226 27.2 21.4 32.2

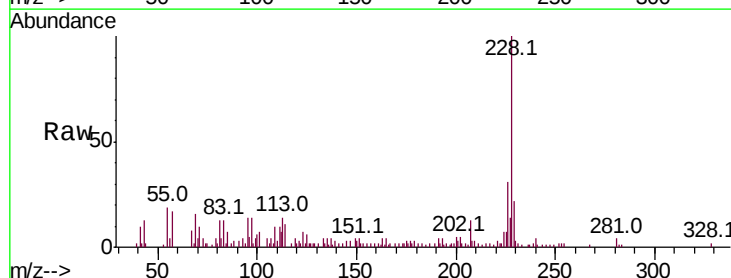


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

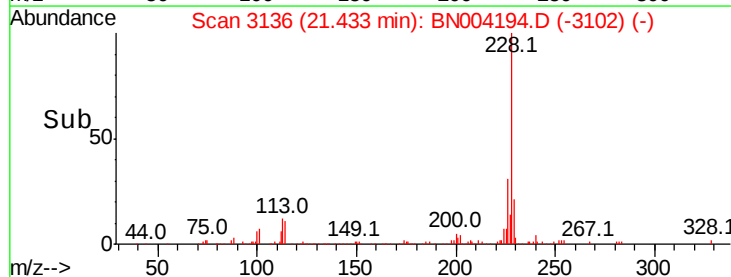
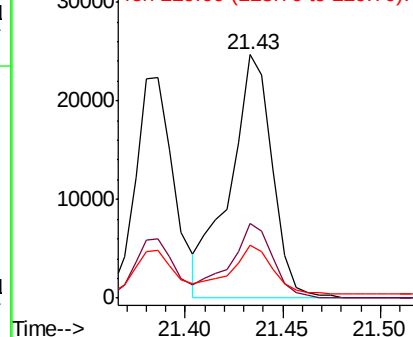


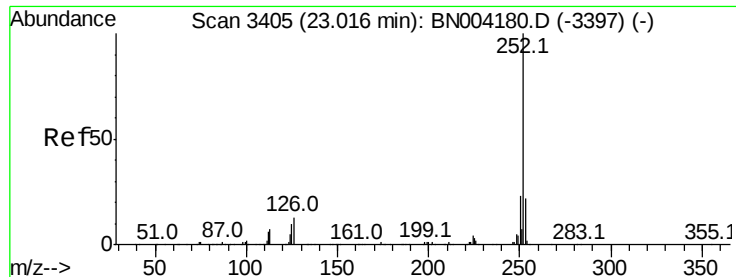
#84
Chrysene
Concen: 2.721 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BN004194.D
Acq: 22 Dec 2018 11:41

Tgt Ion:228 Resp: 37401
Ion Ratio Lower Upper
228 100
226 30.8 23.8 35.8
229 21.8 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

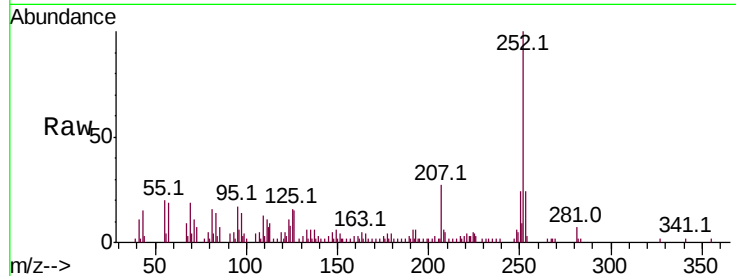




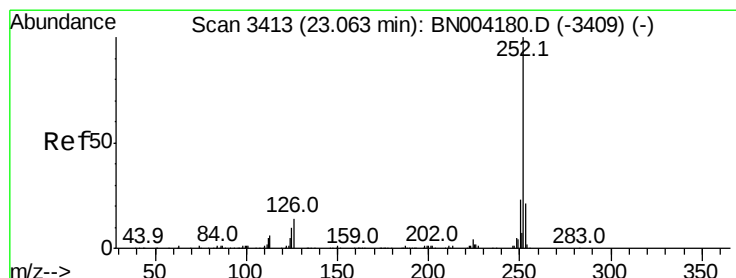
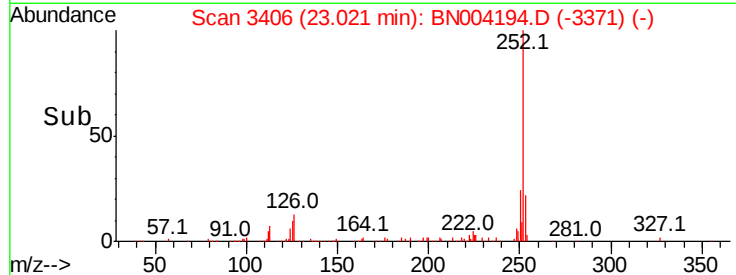
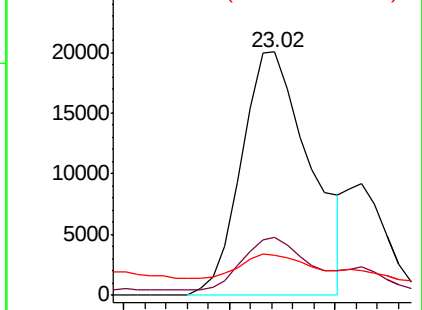
#87
Benzo(b)fluoranthene
Concen: 3.416 ng/ul
RT: 23.02 min Scan# 3406
Delta R.T. 0.01 min
Lab File: BN004194.D
Acq: 22 Dec 2018 11:41

Instrument :
BNA_N
ClientSampled :

Tot Ion:252 Resp: 45118
Ion Ratio Lower Upper
252 100
253 24.0 17.3 25.9
125 16.3 8.2 12.4#

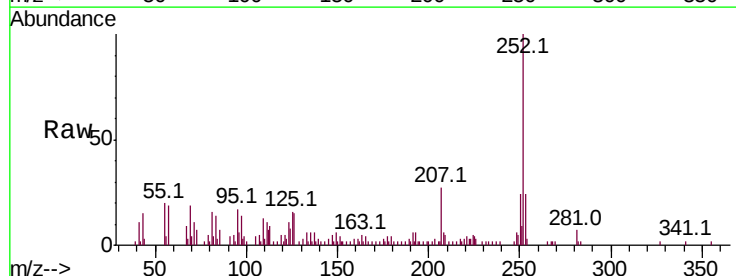


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 3.649 ng/ul
RT: 23.02 min Scan# 3406
Delta R.T. -0.04 min
Lab File: BN004194.D
Acq: 22 Dec 2018 11:41

Tgt Ion:252 Resp: 45118
Ion Ratio Lower Upper
252 100
253 24.0 17.1 25.7
125 16.3 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

