

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100318\
 Data File : BN002896.D
 Acq On : 03 Oct 2018 12:22
 Operator : MJ/SJ
 Sample : J5123-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 03 13:15:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 29 06:35:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	140884	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	601915	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	367571	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	800032	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	868407	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	866466	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	10.40	131	581	0.05	ng/ul	-0.14
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	15.27	176	1919	0.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	255	0.05	ng/ul	0.02
70) Anthracene-d10	17.02	188	800032	20.95	ng/ul	-0.10
78) Pyrene-d10	19.41	212	564	0.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.42	264	856976	18.79	ng/ul	0.14

Target Compounds

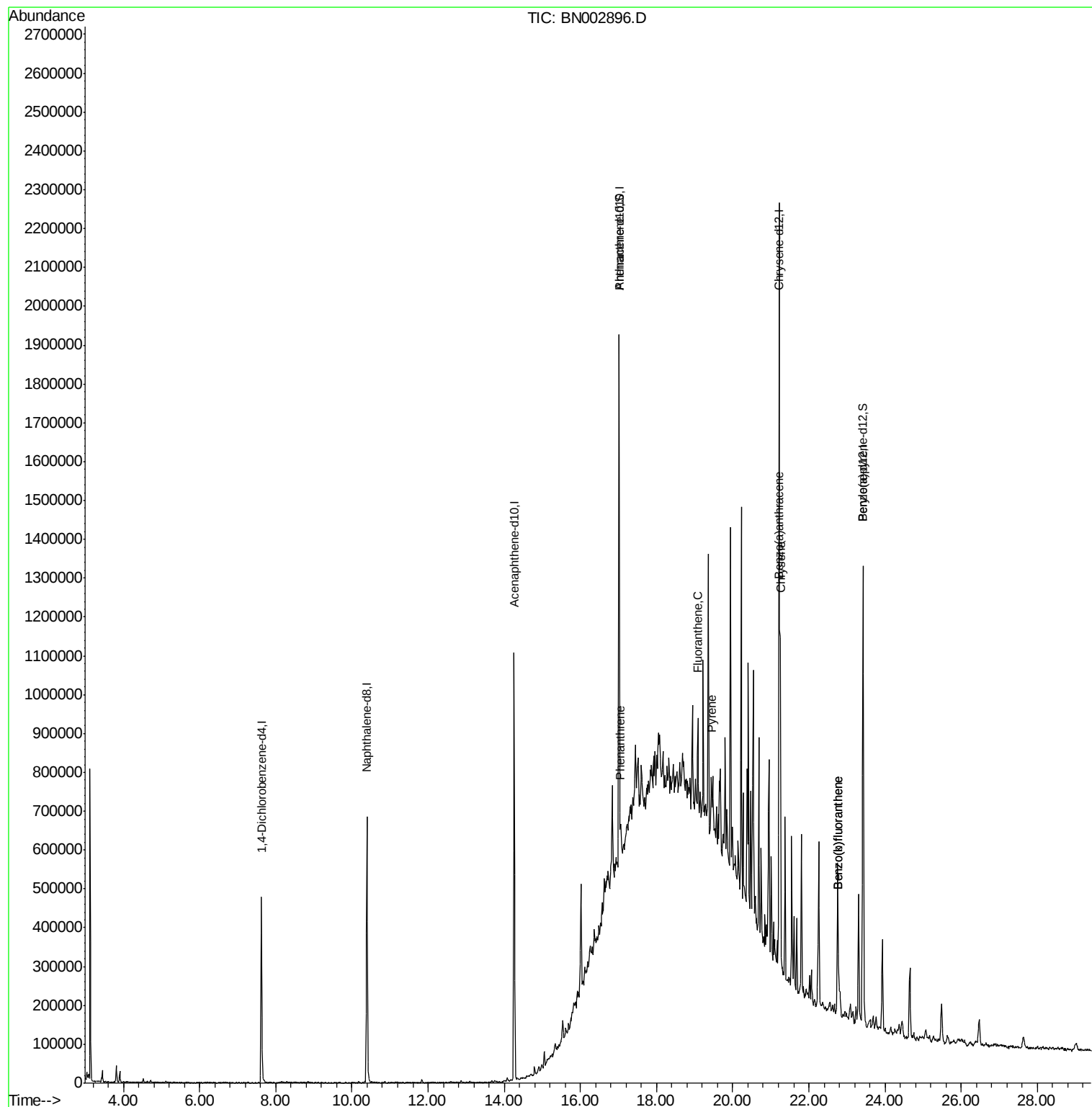
				Ovalue	
69) Phenanthrene	17.06	178	45883	1.041 ng/ul#	91
76) Fluoranthene	19.09	202	141581	3.011 ng/ul	99
79) Pyrene	19.45	202	63428	1.105 ng/ul#	94
82) Benzo(a)anthracene	21.20	228	55547	1.028 ng/ul	98
84) Chrysene	21.26	228	80999	1.600 ng/ul	97
87) Benzo(b)fluoranthene	22.77	252	97820	1.849 ng/ul#	96
88) Benzo(k)fluoranthene	22.77	252	97820	1.981 ng/ul#	97

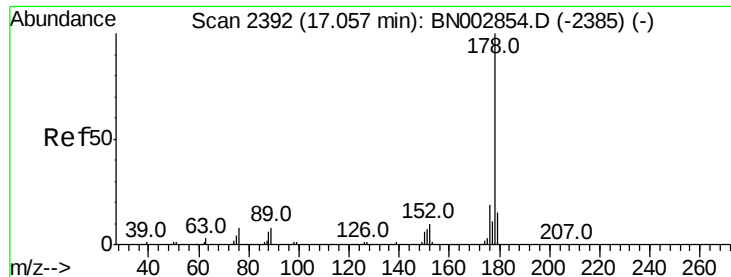
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#69

Phenanthrene

Concen: 1.041 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BN002896.D

Acq: 03 Oct 2018 12:22

Instrument :

BNA_N

ClientSampleId :

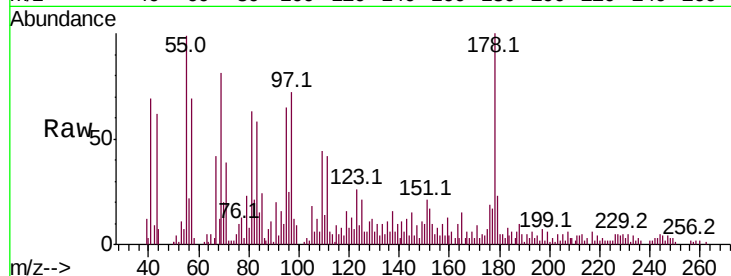
Tot Ion:178 Resp: 45883

Ion Ratio Lower Upper

178 100

179 23.3 12.2 18.4#

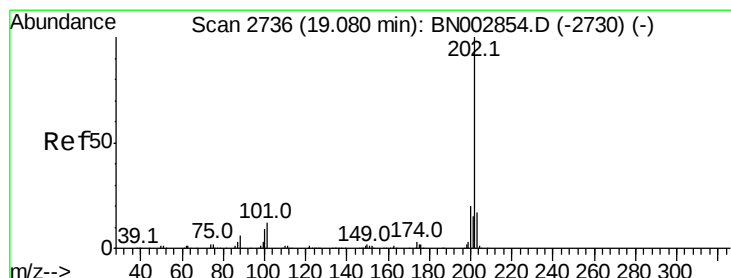
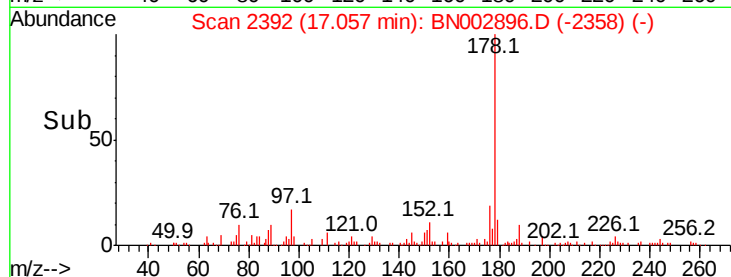
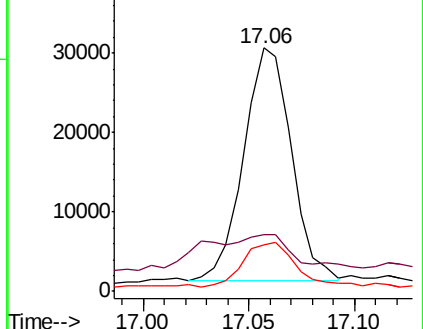
176 19.3 15.0 22.6



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: 3.011 ng/ul

RT: 19.09 min Scan# 2737

Delta R.T. 0.01 min

Lab File: BN002896.D

Acq: 03 Oct 2018 12:22

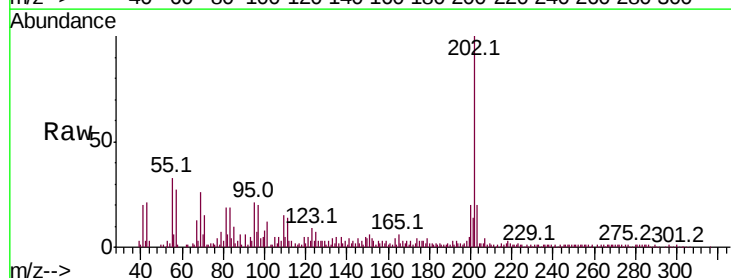
Tgt Ion:202 Resp: 141581

Ion Ratio Lower Upper

202 100

101 11.5 9.4 14.2

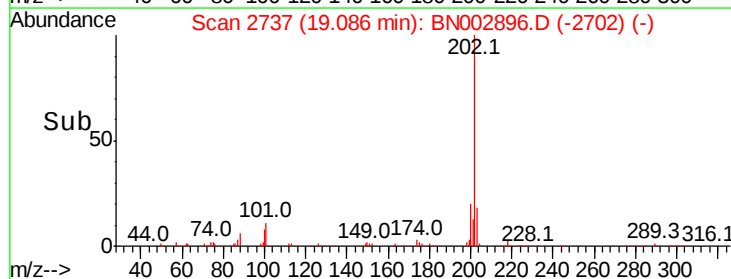
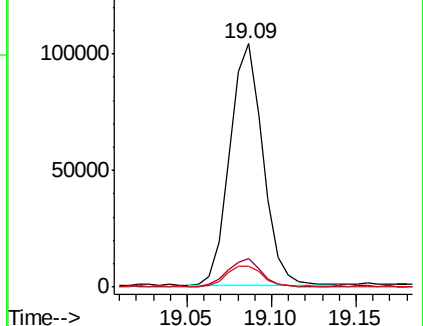
100 8.4 7.0 10.6

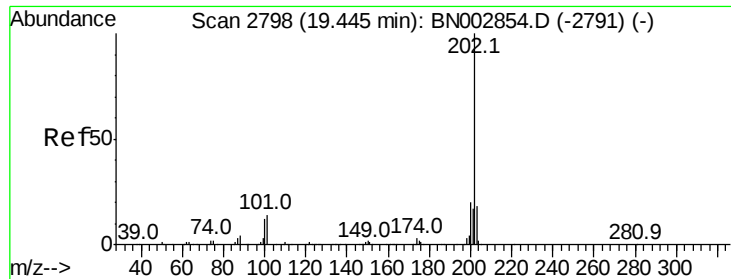


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 1.105 ng/ul

RT: 19.45 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BN002896.D

Acq: 03 Oct 2018 12:22

Instrument :

BNA_N

ClientSampleId :

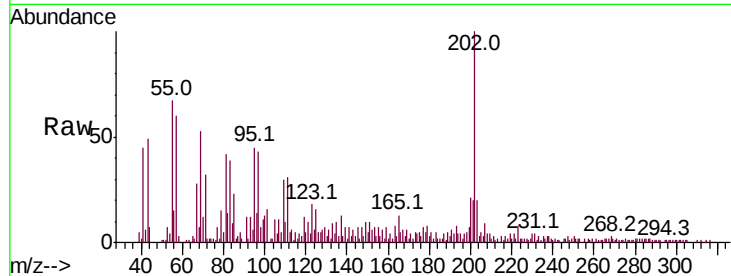
Tot Ion:202 Resp: 63428

Ion Ratio Lower Upper

202 100

101 15.8 10.8 16.2

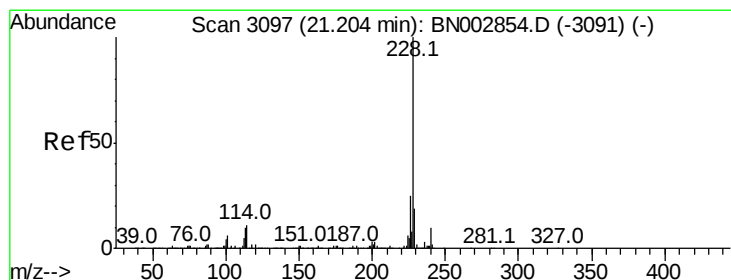
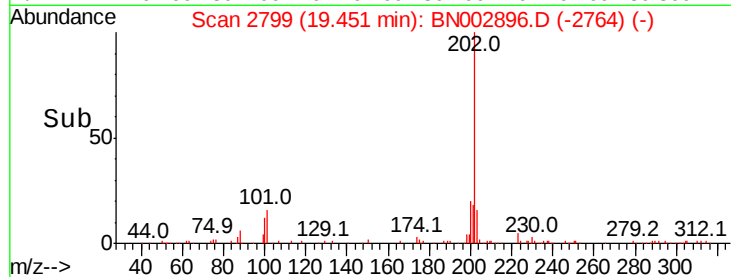
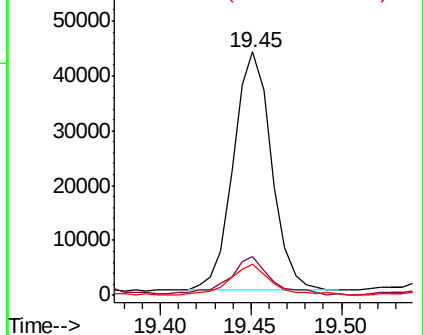
100 12.6 8.2 12.2#



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: 1.028 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BN002896.D

Acq: 03 Oct 2018 12:22

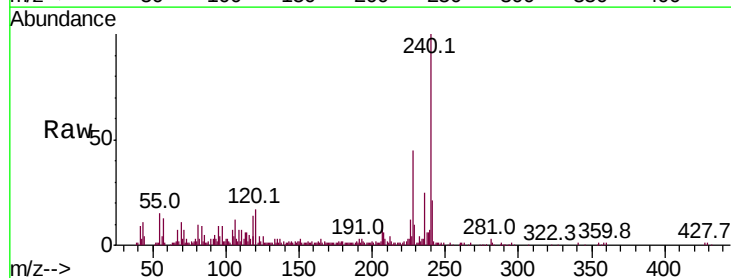
Tgt Ion:228 Resp: 55547

Ion Ratio Lower Upper

228 100

229 21.8 15.8 23.6

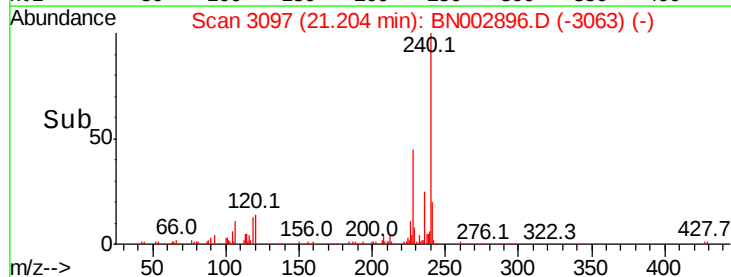
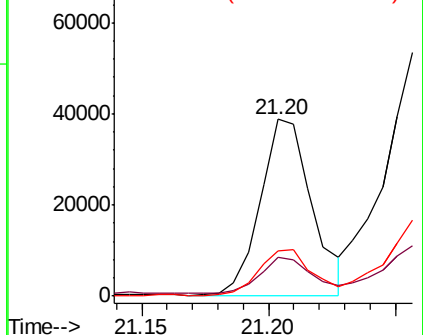
226 25.9 20.9 31.3

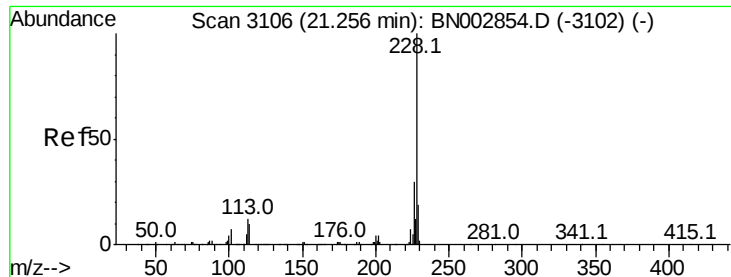


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

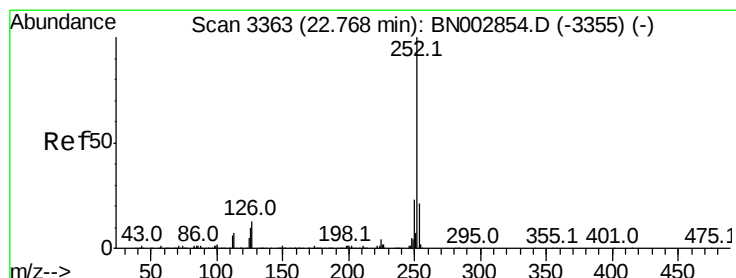
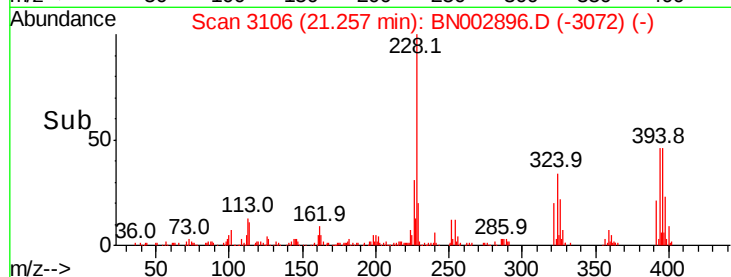
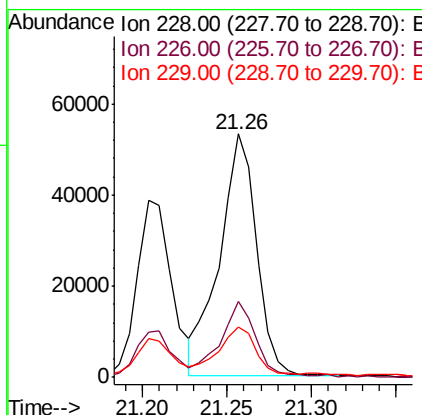
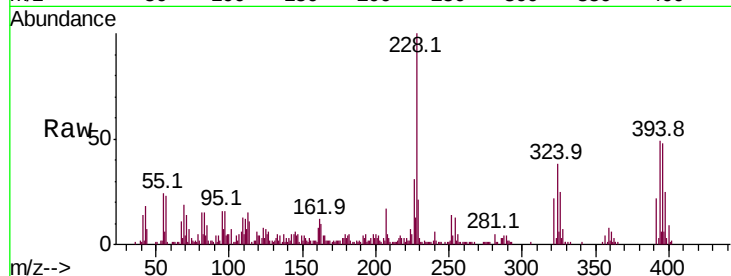




#84
Chrysene
Concen: 1.600 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BN002896.D
Acq: 03 Oct 2018 12:22

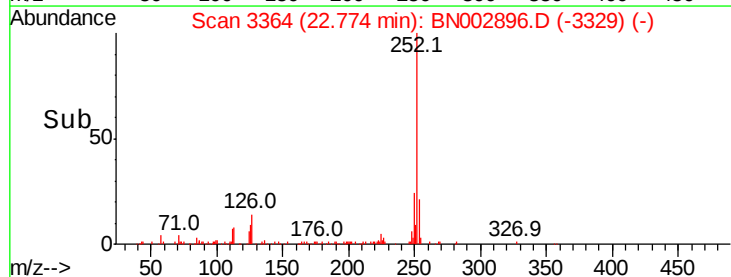
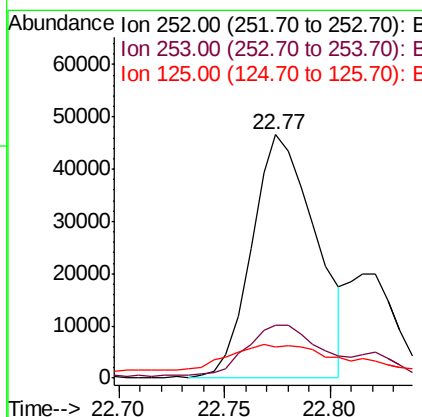
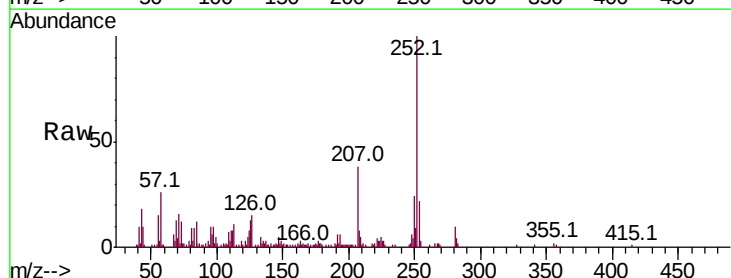
Instrument :
BNA_N
ClientSampleId :

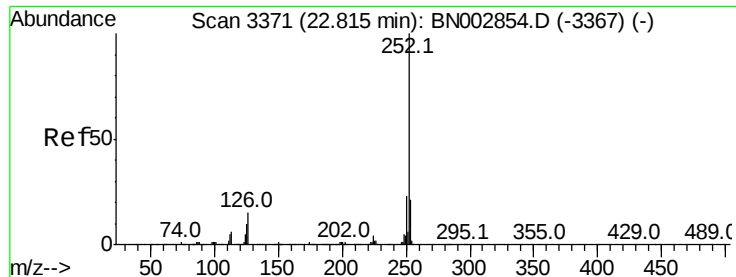
Tot Ion:228 Resp: 80999
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.0
229 20.8 15.7 23.5



#87
Benzo(b)fluoranthene
Concen: 1.849 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BN002896.D
Acq: 03 Oct 2018 12:22

Tgt Ion:252 Resp: 97820
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 13.0 8.0 12.0#





#88

Benzo(k)fluoranthene

Concen: 1.981 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.04 min

Lab File: BN002896.D

Acq: 03 Oct 2018 12:22

Instrument :

BNA_N

ClientSampleId :

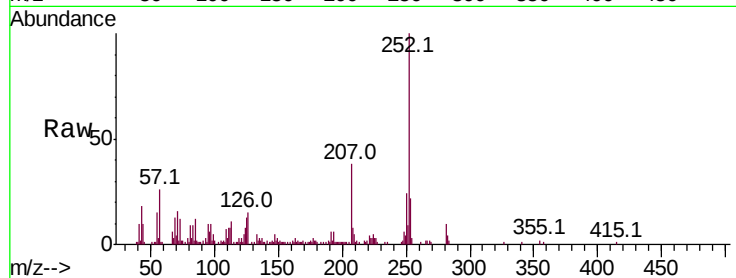
Tot Ion:252 Resp: 97820

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 13.0 8.3 12.5#



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

