

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\
 Data File : BN005980.D
 Acq On : 31 May 2019 13:52
 Operator : JU/SJ
 Sample : K2924-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4281

Quant Time: May 31 14:29:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 14:10:13 2019
 Response via : Initial Calibration

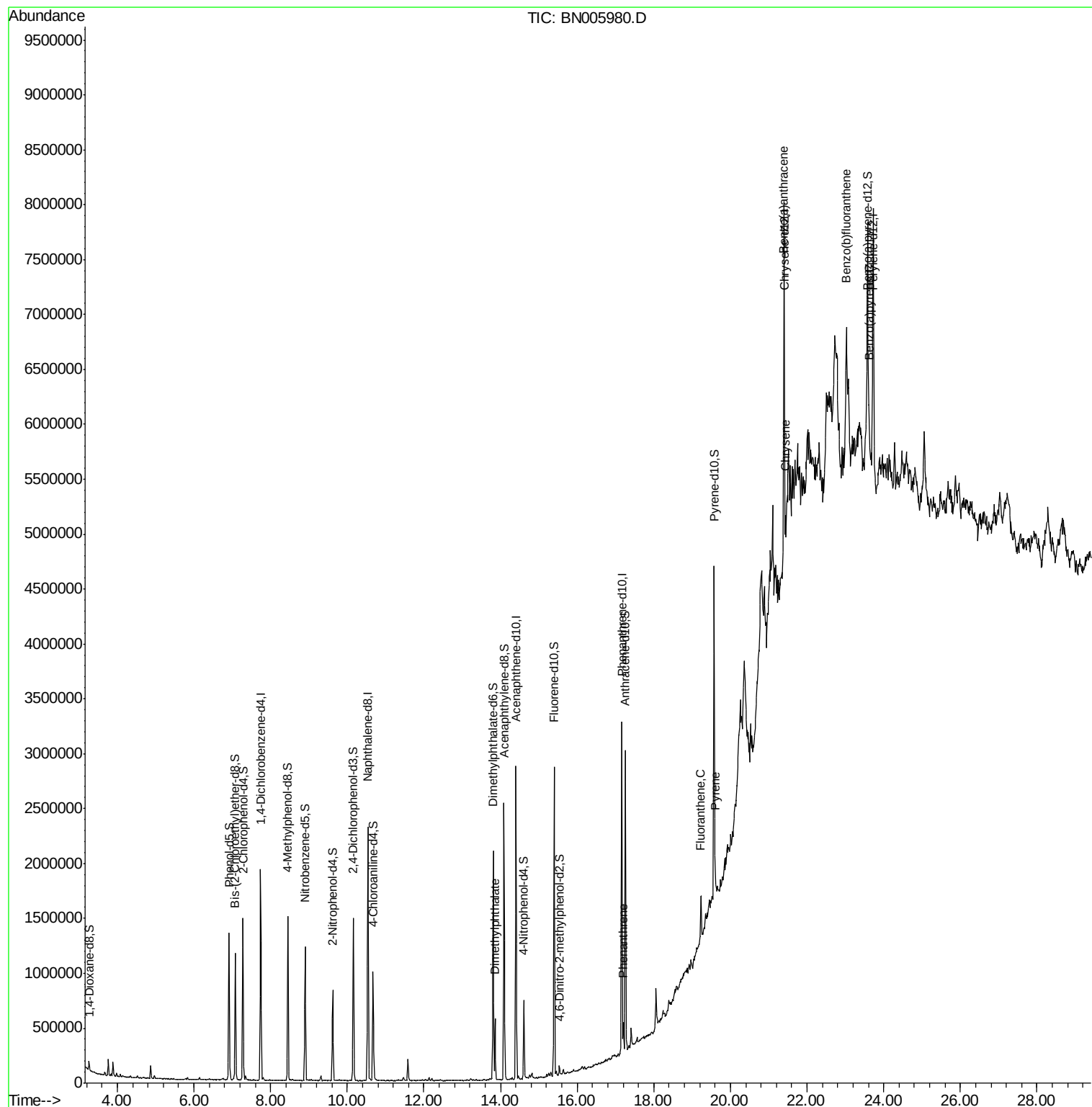
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	500749	20.00	ng/ul	0.01
18) Naphthalene-d8	10.54	136	1903275	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.41	164	897111	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.16	188	1761338	20.00	ng/ul	0.02
77) Chrysene-d12	21.40	240	1444758	20.00	ng/ul	0.04
85) Perylene-d12	23.72	264	1730745	20.00	ng/ul	0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	40160	3.53	ng/uL	0.01
5) Phenol-d5	6.92	99	785872	17.71	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.08	67	475359	18.77	ng/ul	0.01
9) 2-Chlorophenol-d4	7.28	132	645695	19.10	ng/ul	0.01
13) 4-Methylphenol-d8	8.45	113	566461	15.81	ng/ul	0.01
19) Nitrobenzene-d5	8.90	128	295404	24.18	ng/ul	0.01
22) 2-Nitrophenol-d4	9.62	143	272095	23.92	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.16	165	525488	19.56	ng/ul	0.02
29) 4-Chloroaniline-d4	10.68	131	506592	14.38	ng/ul	0.02
43) Dimethylphthalate-d6	13.81	166	1321696	19.98	ng/ul	0.02
46) Acenaphthylene-d8	14.09	160	1678501	20.29	ng/ul	0.02
51) 4-Nitrophenol-d4	14.61	143	166042	13.80	ng/ul	0.02
57) Fluorene-d10	15.41	176	1087598	19.61	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.54	200	16132	2.25	ng/ul	0.03
70) Anthracene-d10	17.26	188	1497901	19.98	ng/ul	0.02
78) Pyrene-d10	19.57	212	1492075	20.45	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.58	264	1487003	19.25	ng/ul	0.08
Target Compounds				Ovalue		
44) Dimethylphthalate	13.86	163	334167	5.055	ng/ul	100
69) Phenanthrene	17.20	178	159240	1.825	ng/ul	97
76) Fluoranthene	19.24	202	229847	2.467	ng/ul	98
79) Pyrene	19.60	202	207992	2.273	ng/ul	95
82) Benzo(a)anthracene	21.39	228	111641	1.229	ng/ul#	71
84) Chrysene	21.44	228	108316	1.279	ng/ul#	73
87) Benzo(b)fluoranthene	23.03	252	148938	1.532	ng/ul#	37
90) Benzo(a)pyrene	23.62	252	99105	1.081	ng/ul#	33

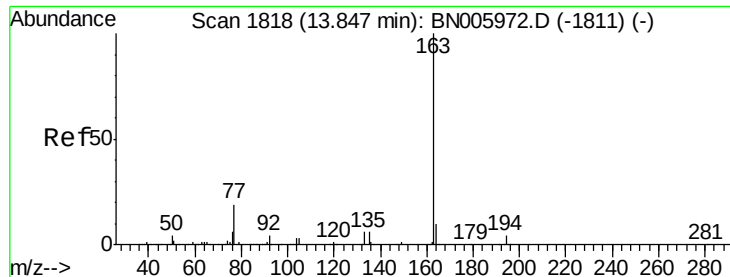
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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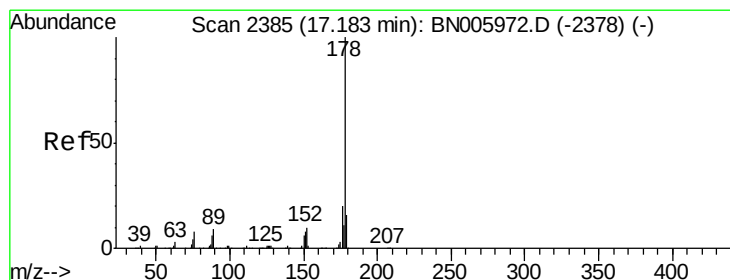
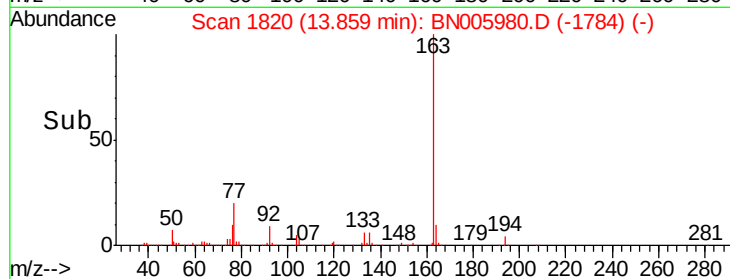
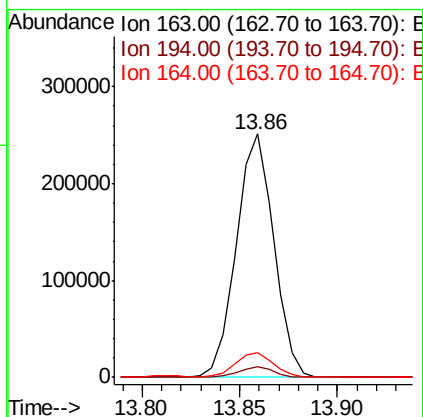
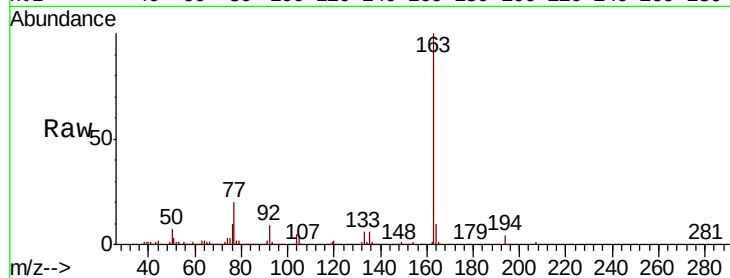




#44
Dimethylphthalate
Concen: 5.055 ng/ul
RT: 13.86 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BN005980.D
Acq: 31 May 2019 13:52

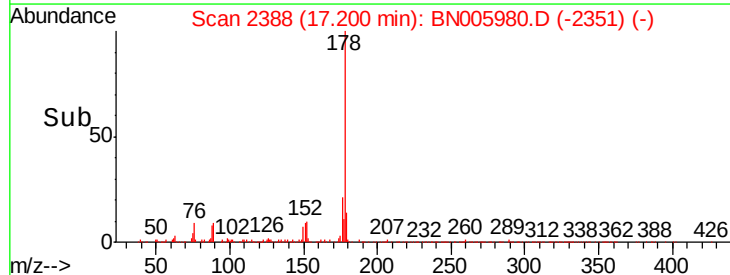
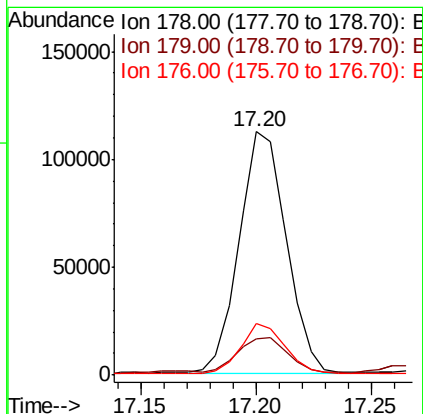
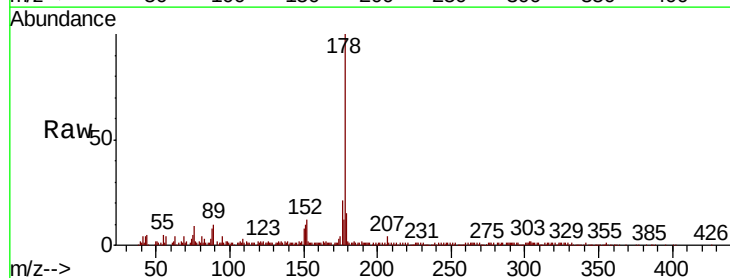
Instrument :
BNA_N
ClientSampleId :
A4281

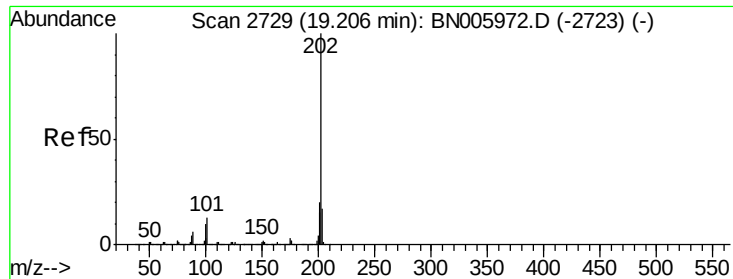
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	8.1	12.1



#69
Phenanthrene
Concen: 1.825 ng/ul
RT: 17.20 min Scan# 2388
Delta R.T. 0.02 min
Lab File: BN005980.D
Acq: 31 May 2019 13:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	21.3	15.1	22.7





#76

Fluoranthene

Concen: 2.467 ng/ul

RT: 19.24 min Scan# 2734

Delta R.T. 0.03 min

Lab File: BN005980.D

Acq: 31 May 2019 13:52

Instrument :

BNA_N

ClientSampleId :

A4281

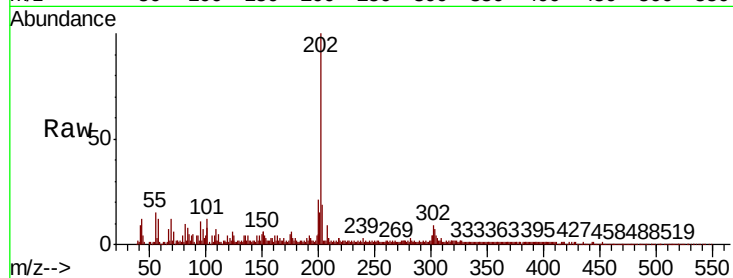
Tot Ion:202 Resp: 229847

Ion Ratio Lower Upper

202 100

101 11.5 8.6 12.8

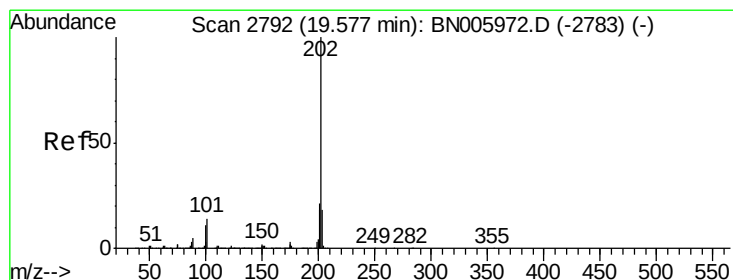
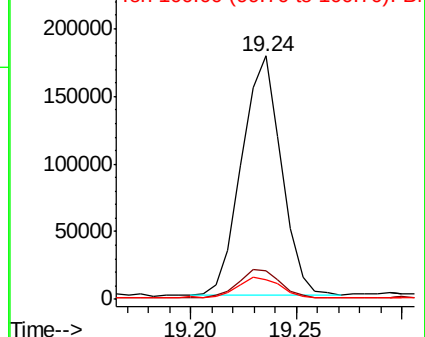
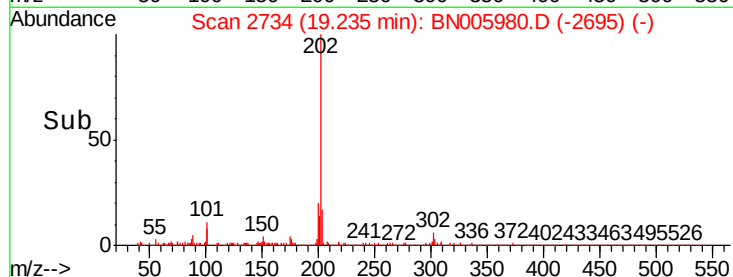
100 8.2 6.3 9.5



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: 2.273 ng/ul

RT: 19.60 min Scan# 2796

Delta R.T. 0.02 min

Lab File: BN005980.D

Acq: 31 May 2019 13:52

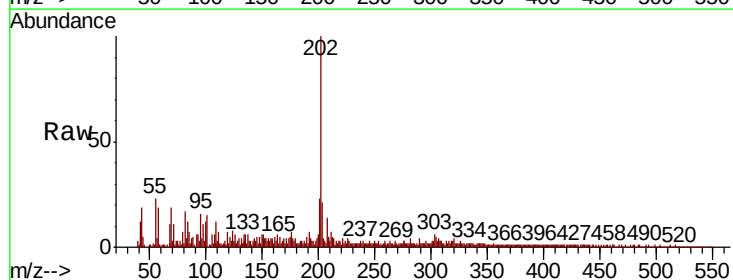
Tgt Ion:202 Resp: 207992

Ion Ratio Lower Upper

202 100

101 14.8 10.3 15.5

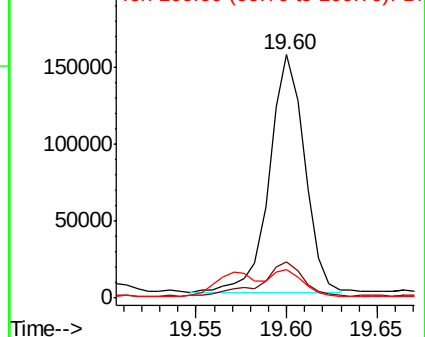
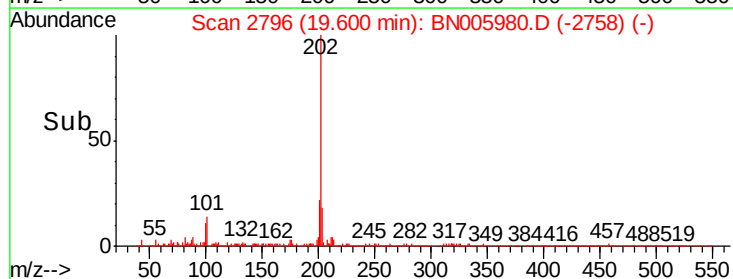
100 11.7 7.9 11.9

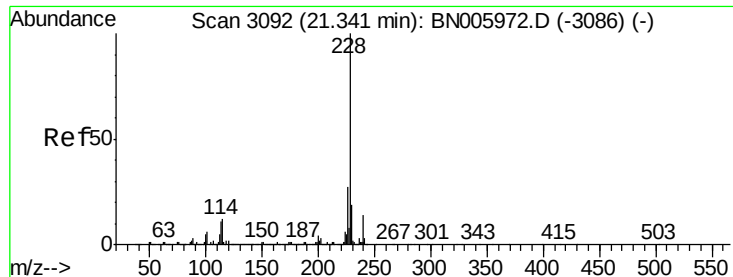


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.229 ng/ul

RT: 21.39 min Scan# 3100

Delta R.T. 0.05 min

Lab File: BN005980.D

Acq: 31 May 2019 13:52

Instrument :

BNA_N

ClientSampled :

A4281

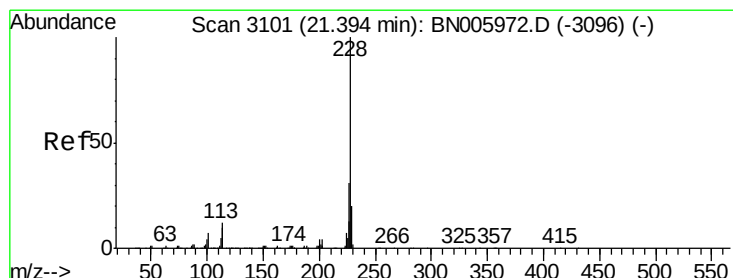
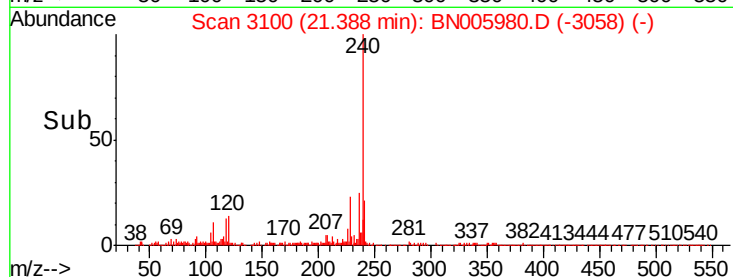
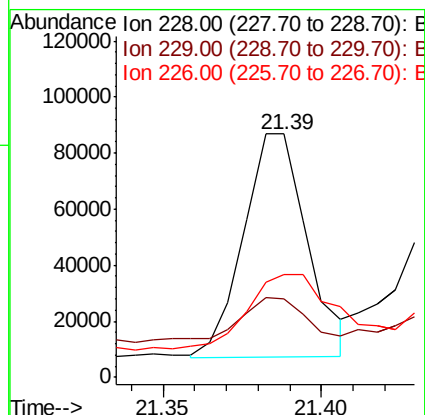
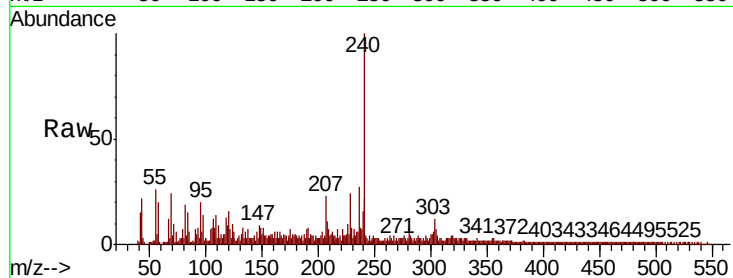
Tot Ion:228 Resp: 111641

Ion Ratio Lower Upper

228 100

229 32.4 15.8 23.6#

226 42.1 21.4 32.2#



#84

Chrysene

Concen: 1.279 ng/ul

RT: 21.44 min Scan# 3108

Delta R.T. 0.04 min

Lab File: BN005980.D

Acq: 31 May 2019 13:52

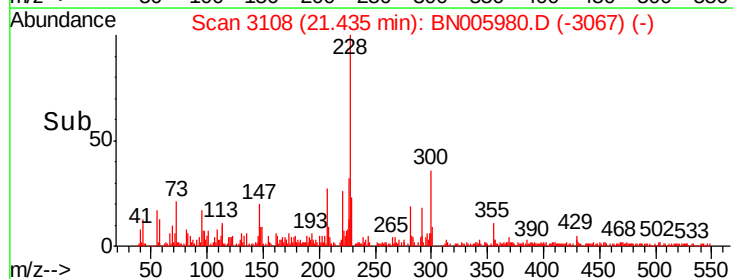
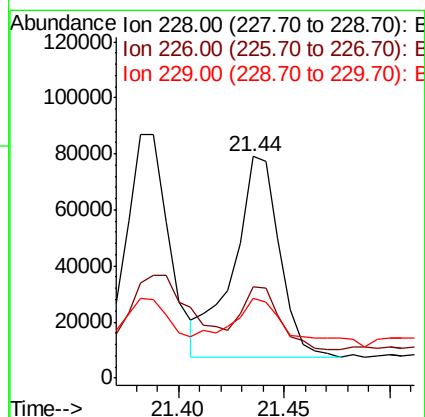
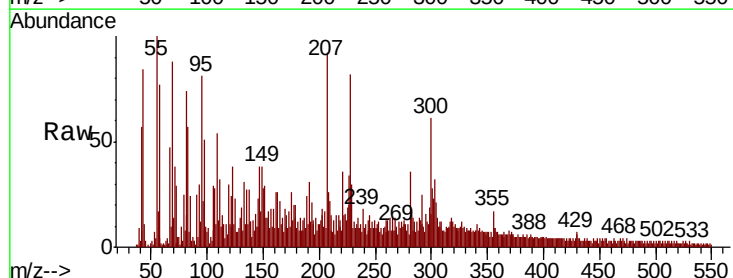
Tgt Ion:228 Resp: 108316

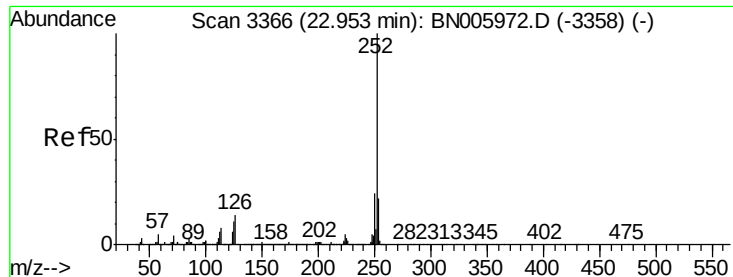
Ion Ratio Lower Upper

228 100

226 41.3 24.0 36.0#

229 36.3 15.4 23.0#





#87

Benzo(b)fluoranthene

Concen: 1.532 ng/ul

RT: 23.03 min Scan# 3379

Delta R.T. 0.08 min

Lab File: BN005980.D

Acq: 31 May 2019 13:52

Instrument :

BNA_N

ClientSampled :

A4281

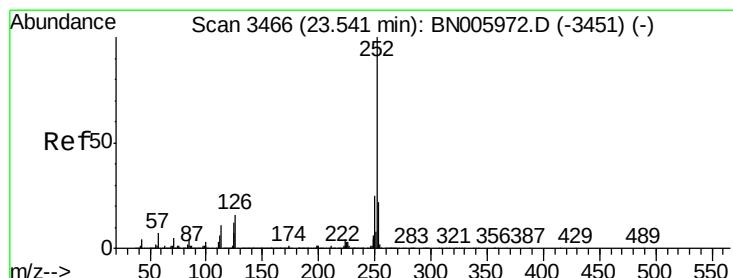
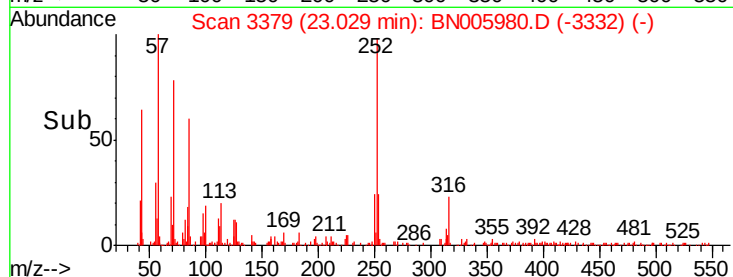
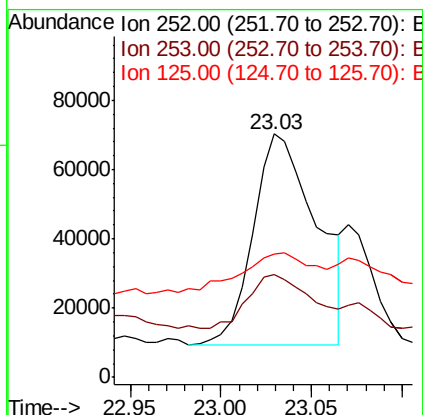
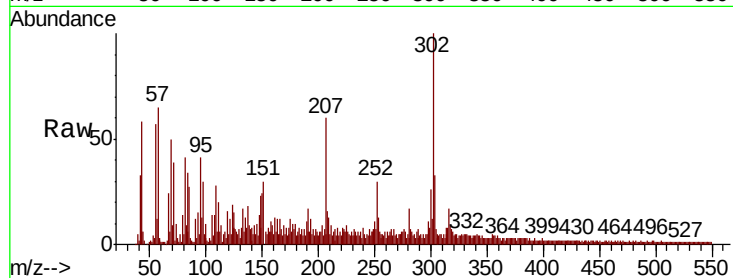
Tot Ion:252 Resp: 148938

Ion Ratio Lower Upper

252 100

253 42.3 17.7 26.5#

125 50.8 8.4 12.6#



#90

Benzo(a)pyrene

Concen: 1.081 ng/ul

RT: 23.62 min Scan# 3480

Delta R.T. 0.08 min

Lab File: BN005980.D

Acq: 31 May 2019 13:52

Tgt Ion:252 Resp: 99105

Ion Ratio Lower Upper

252 100

253 43.1 17.3 25.9#

125 52.1 8.6 13.0#

