

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100520\
 Data File : BN012069.D
 Acq On : 05 Oct 2020 23:36
 Operator : CG/JU
 Sample : L4184-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AL5

Quant Time: Oct 06 00:55:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 06 00:53:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	262861	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1088633	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	637882	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1308813	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1295527	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1475512	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	20677	3.42	ng/uL	0.00
5) Phenol-d5	6.83	99	329731	15.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	226485	16.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	278084	15.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	255432	14.79	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	132092	15.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	143185	15.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	254028	14.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	218492	10.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	937362	18.73	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	954079	15.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	104894	11.38	ng/ul	0.00
58) Fluorene-d10	15.29	176	721600	16.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	111326	13.33	ng/ul	0.00
71) Anthracene-d10	17.14	188	1064888	16.78	ng/ul	0.00
79) Pyrene-d10	19.44	212	1211096	17.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	1367611	16.52	ng/ul	0.00

Target Compounds

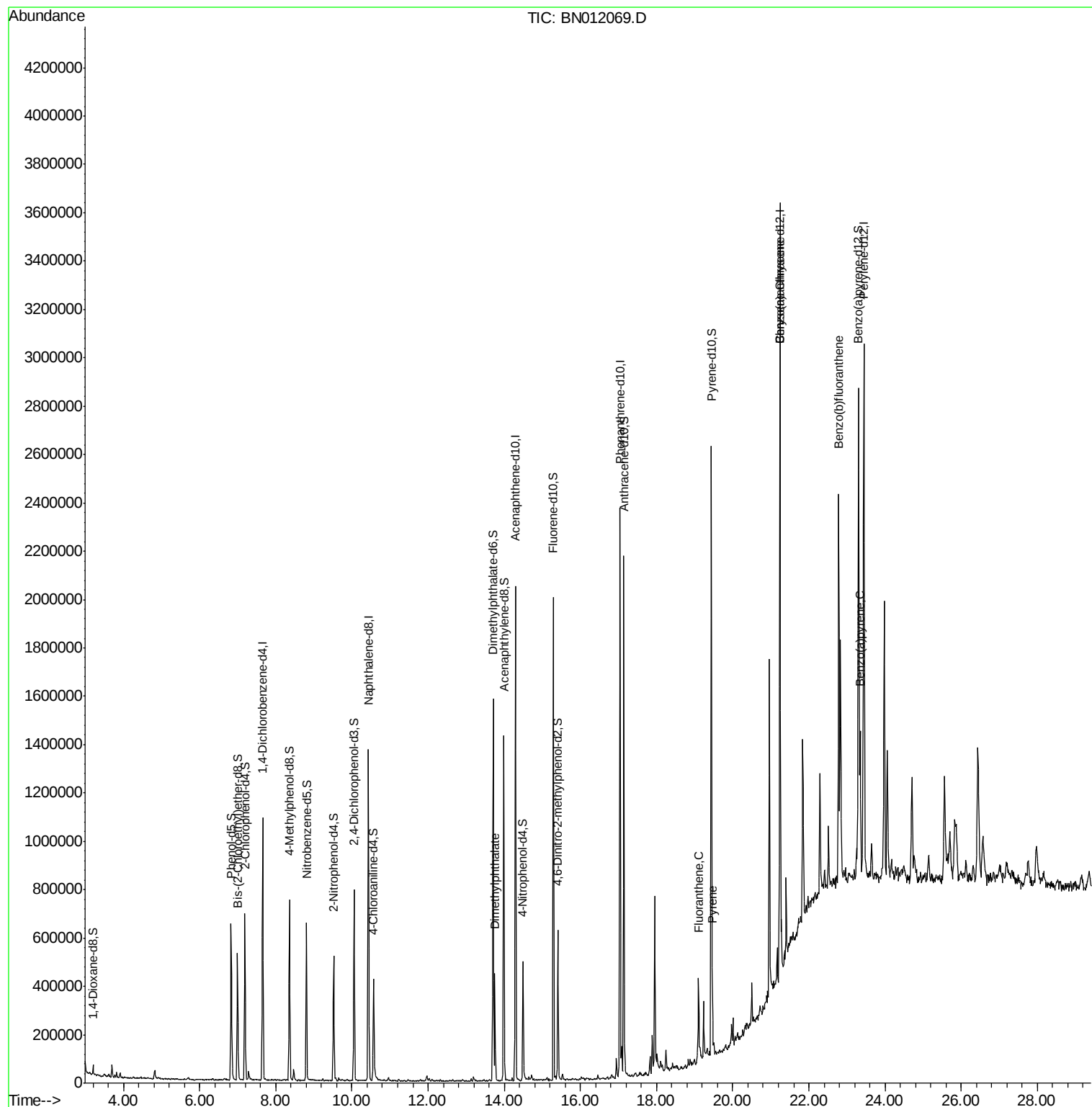
				Ovalue	
45) Dimethylphthalate	13.75	163	265612	5.152	ng/ul# 96
77) Fluoranthene	19.10	202	173493	1.937	ng/ul 99
80) Pyrene	19.47	202	155909	1.668	ng/ul 99
83) Benzo(a)anthracene	21.23	228	95502	1.094	ng/ul 97
85) Chrysene	21.23	228	97157	1.132	ng/ul 97
88) Benzo(b)fluoranthene	22.79	252	158999	1.538	ng/ul# 86
91) Benzo(a)pyrene	23.35	252	97771	1.043	ng/ul# 90

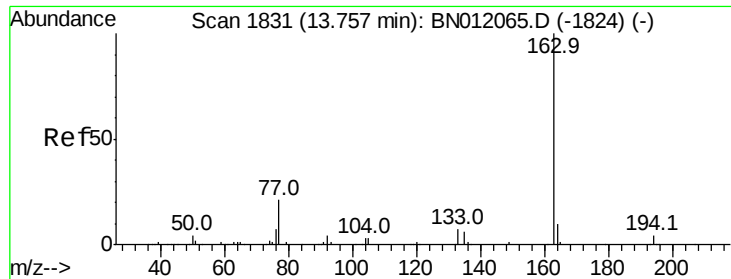
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 5.152 ng/ul

RT: 13.75 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BN012069.D

Acq: 05 Oct 2020 23:36

Instrument :

BNA_N

ClientSampled :

COAL5

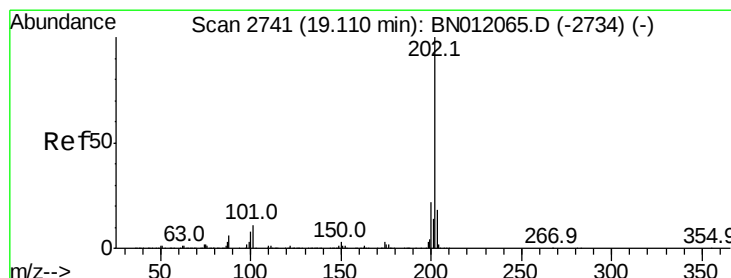
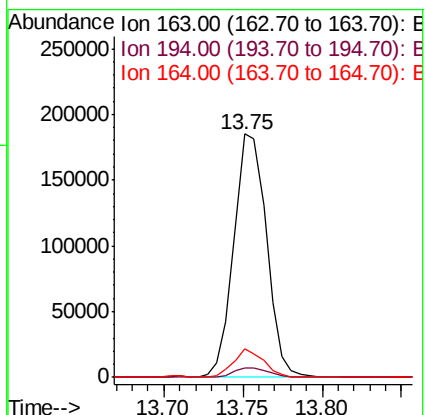
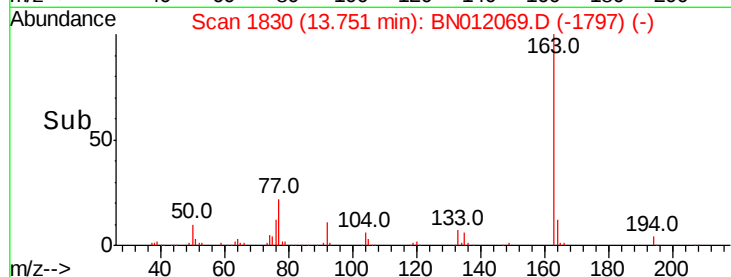
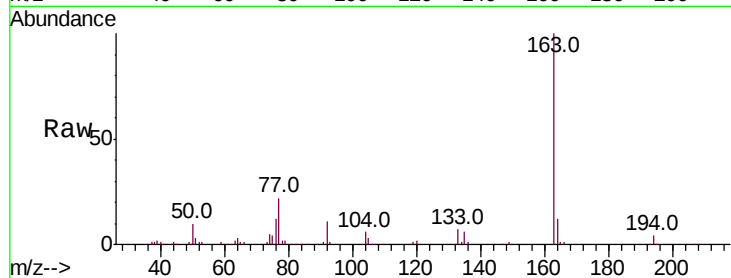
Tot Ion:163 Resp: 265612

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 11.9 7.8 11.8#



#77

Fluoranthene

Concen: 1.937 ng/ul

RT: 19.10 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BN012069.D

Acq: 05 Oct 2020 23:36

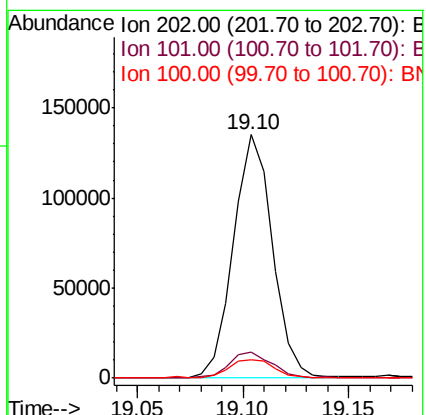
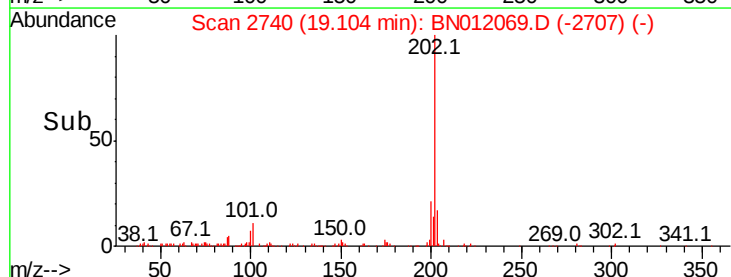
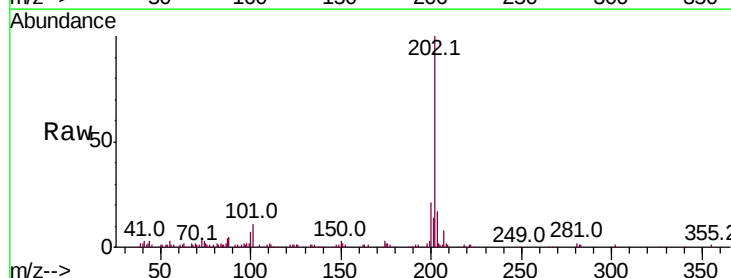
Tgt Ion:202 Resp: 173493

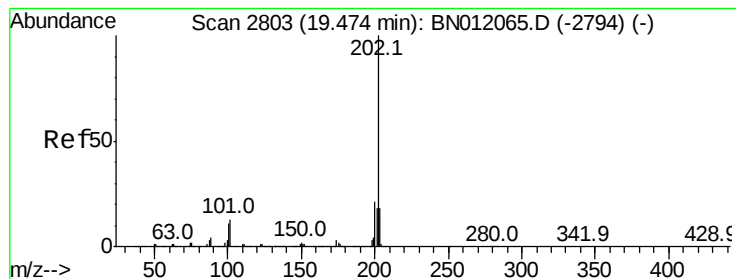
Ion Ratio Lower Upper

202 100

101 10.7 8.6 13.0

100 7.4 6.6 9.8





#80

Pvrene

Concen: 1.668 ng/ul

RT: 19.47 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BN012069.D

Acq: 05 Oct 2020 23:36

Instrument :

BNA_N

ClientSampleId :

C0AL5

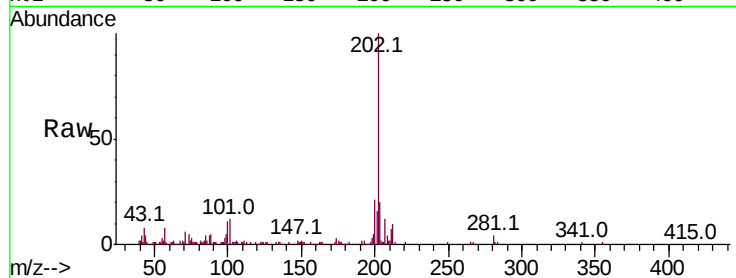
Tot Ion:202 Resp: 155909

Ion Ratio Lower Upper

202 100

101 12.2 10.2 15.2

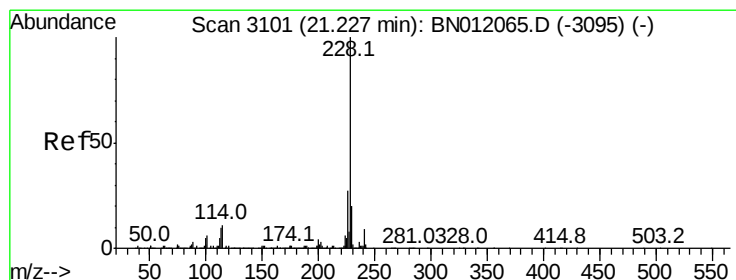
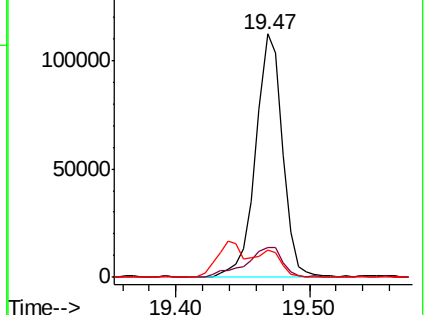
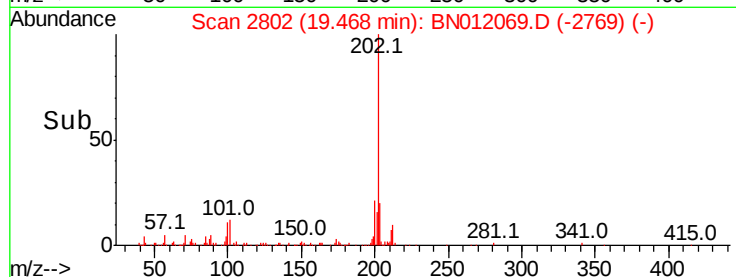
100 11.0 8.8 13.2



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



#83

Benzo(a)anthracene

Concen: 1.094 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BN012069.D

Acq: 05 Oct 2020 23:36

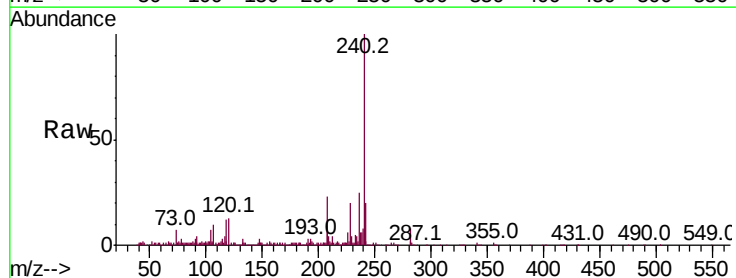
Tgt Ion:228 Resp: 95502

Ion Ratio Lower Upper

228 100

229 20.9 15.4 23.2

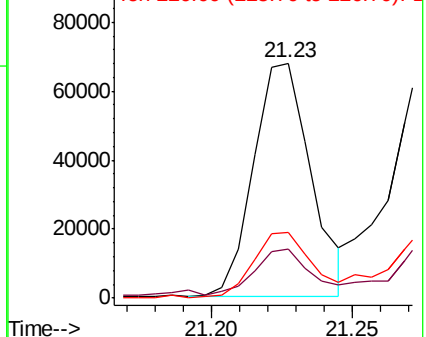
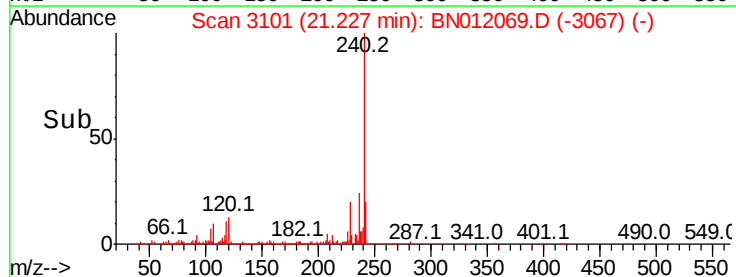
226 28.0 21.2 31.8

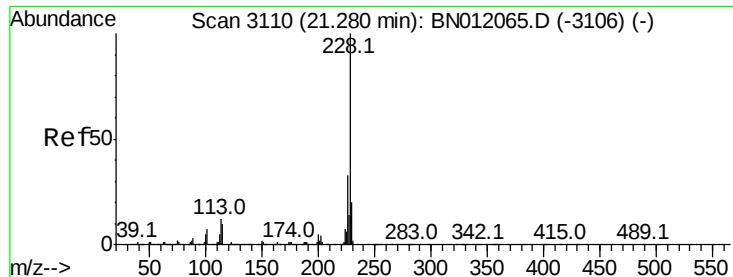


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

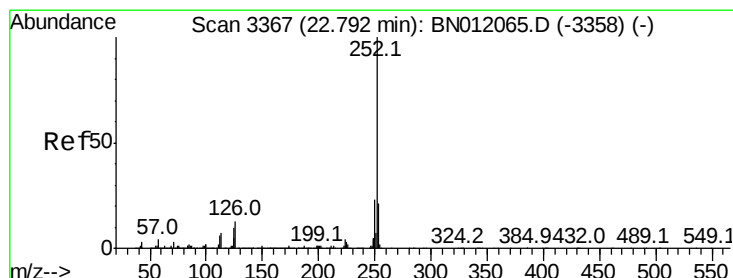
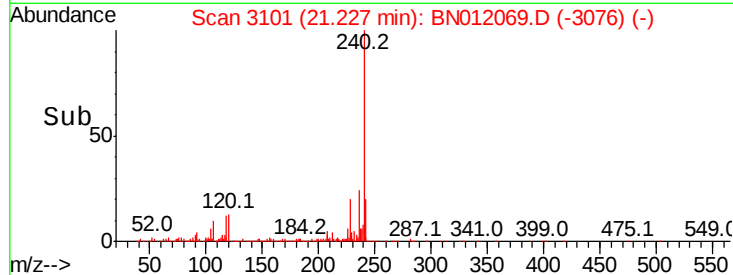
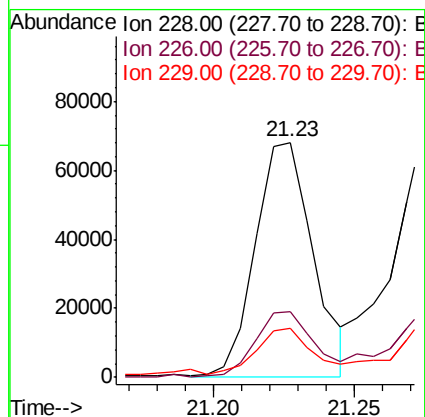
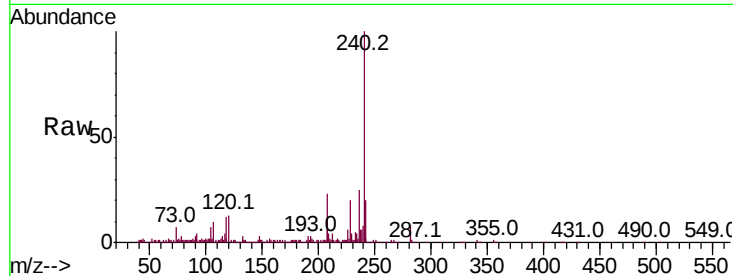




#85
Chrysene
Concen: 1.132 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.05 min
Lab File: BN012069.D
Acq: 05 Oct 2020 23:36

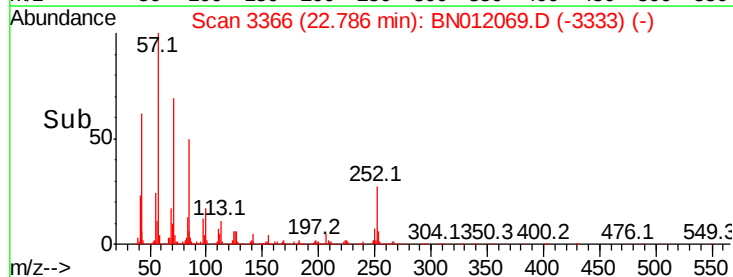
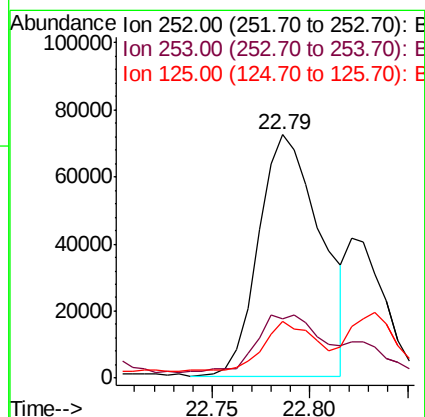
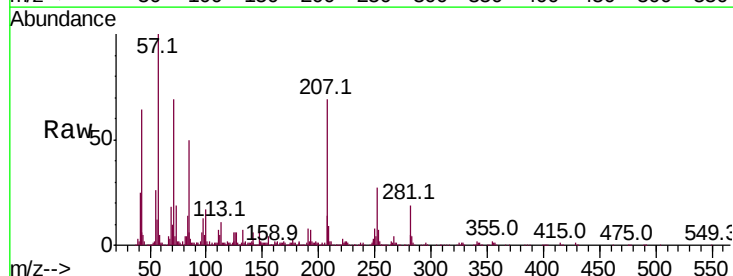
Instrument :
BNA_N
ClientSampled :
C0AL5

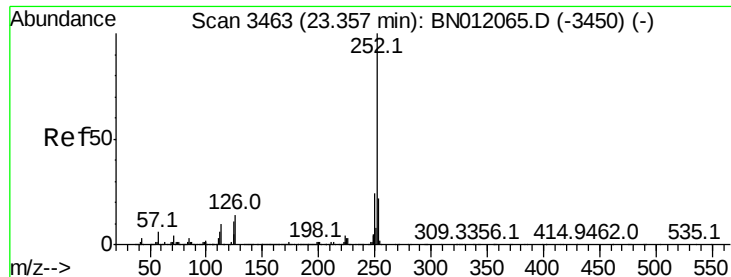
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.3	34.9
229	20.9	15.0	22.4



#88
Benzo(b)fluoranthene
Concen: 1.538 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BN012069.D
Acq: 05 Oct 2020 23:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	23.3	8.1	12.1#





#91

Benzo(a)pyrene

Concen: 1.043 ng/ul

RT: 23.35 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BN012069.D

Acq: 05 Oct 2020 23:36

Instrument :

BNA_N

ClientSampleId :

C0AL5

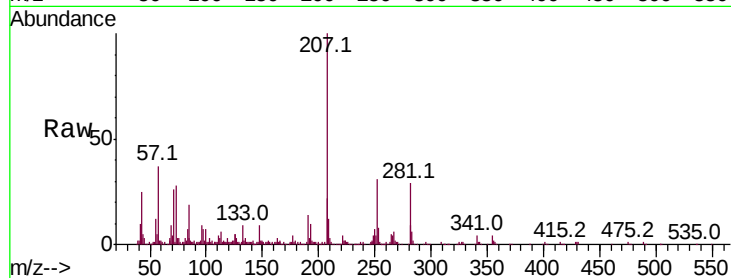
Tot Ion:252 Resp: 97771

Ion Ratio Lower Upper

252 100

253 24.6 16.6 24.8

125 16.3 9.0 13.6#



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

