

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009656.D
 Acq On : 07 Feb 2020 21:02
 Operator : CG/JU
 Sample : L1401-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6J5

Quant Time: Feb 08 00:07:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 15:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	141546	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	599362	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	362085	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	745424	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	728488	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	730354	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	11538	3.34	ng/uL	0.00
5) Phenol-d5	6.63	99	240587	19.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	160908	19.41	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	185664	20.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	189584	19.28	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	90367	20.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	99479	20.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	180242	19.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	239225	23.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	556025	21.04	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	662290	20.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	78087	15.64	ng/ul	0.00
57) Fluorene-d10	15.07	176	476111	20.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	69993	15.03	ng/ul	0.00
70) Anthracene-d10	16.92	188	734019	21.67	ng/ul	0.00
78) Pyrene-d10	19.23	212	824836	21.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	820399	22.81	ng/ul	0.00

Target Compounds

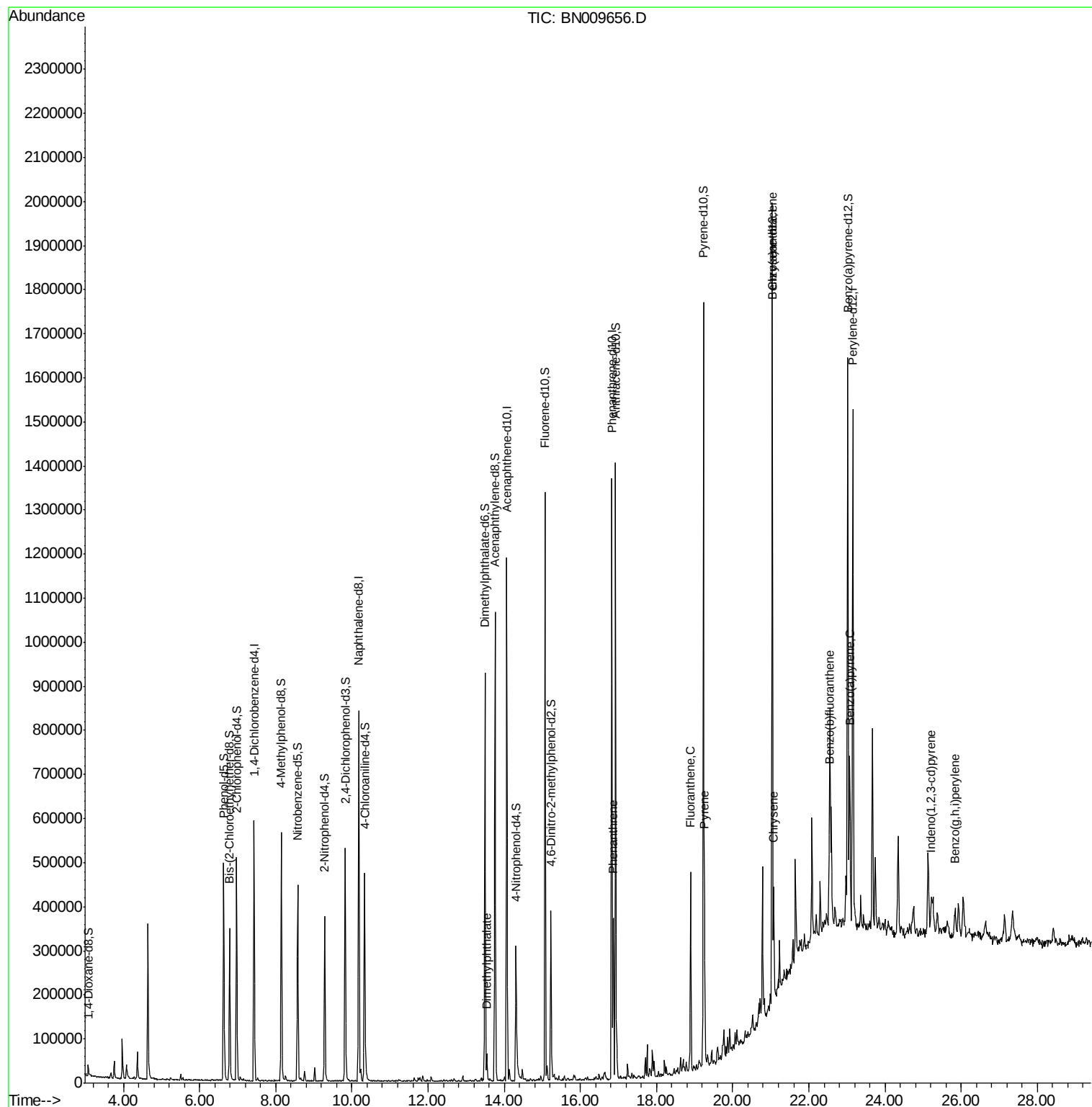
					Ovalue
44) Dimethylphthalate	13.55	163	35743	1.274 ng/ul	96
69) Phenanthrene	16.86	178	199135	4.684 ng/ul	99
76) Fluoranthene	18.90	202	267142	5.506 ng/ul	99
79) Pyrene	19.26	202	238165	4.479 ng/ul#	94
82) Benzo(a)anthracene	21.03	228	128206	2.549 ng/ul	99
84) Chrysene	21.07	228	127173	2.540 ng/ul	98
87) Benzo(b)fluoranthene	22.53	252	162302	3.552 ng/ul	97
90) Benzo(a)pyrene	23.06	252	96829	2.287 ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	25.21	276	59647	1.185 ng/ul#	89
93) Benzo(g,h,i)perylene	25.84	276	58369	1.384 ng/ul	94

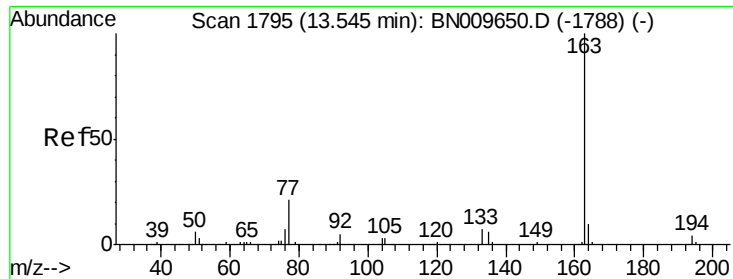
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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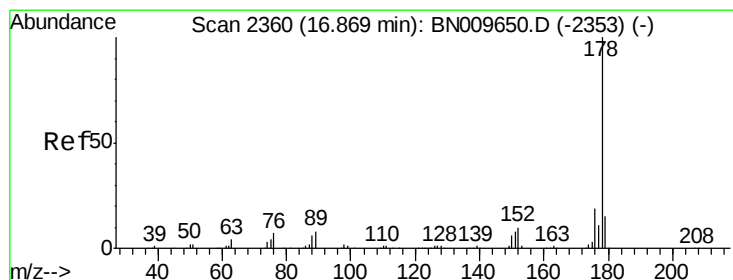
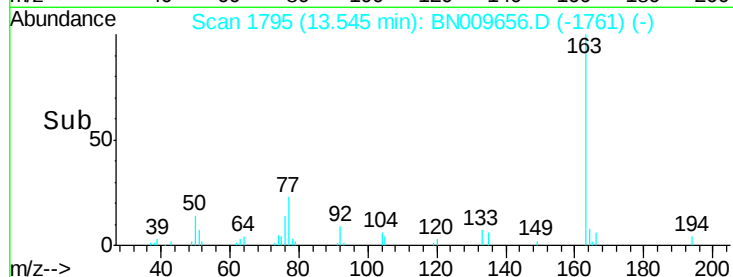
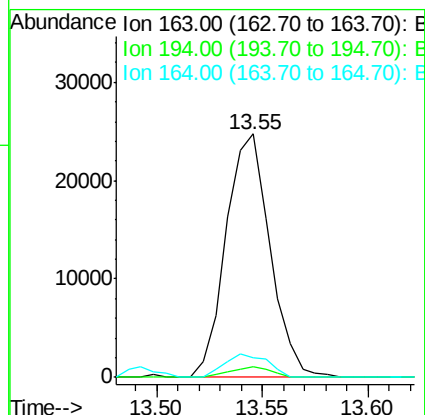
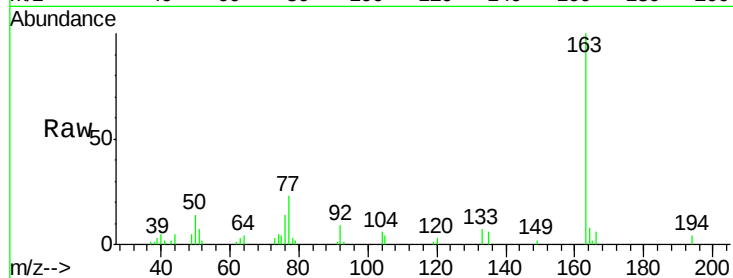




#44
Dimethylphthalate
Concen: 1.274 ng/ul
RT: 13.55 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BN009656.D
Acq: 07 Feb 2020 21:02

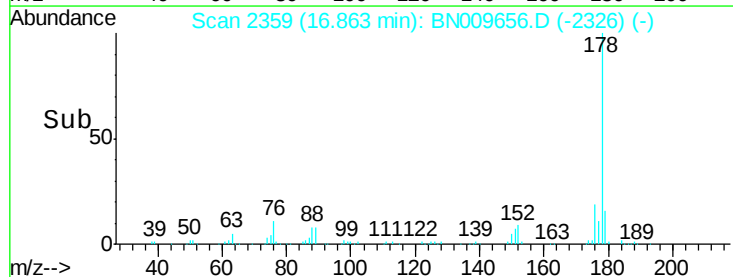
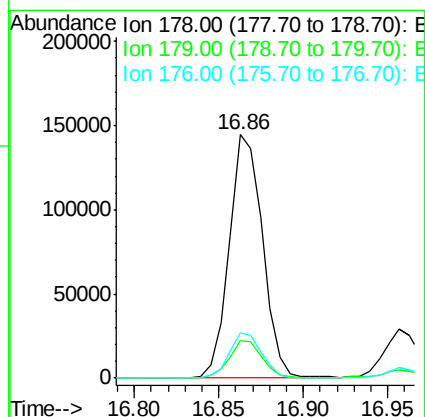
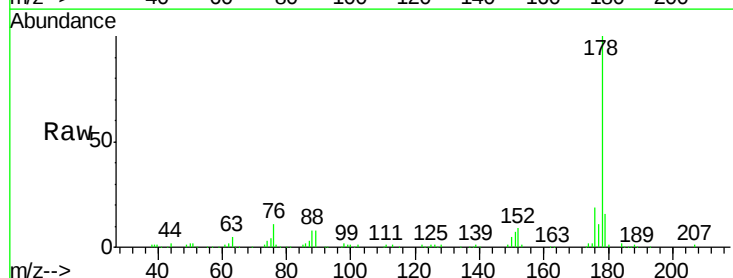
Instrument :
BNA_N
ClientSampleId :
CB6J5

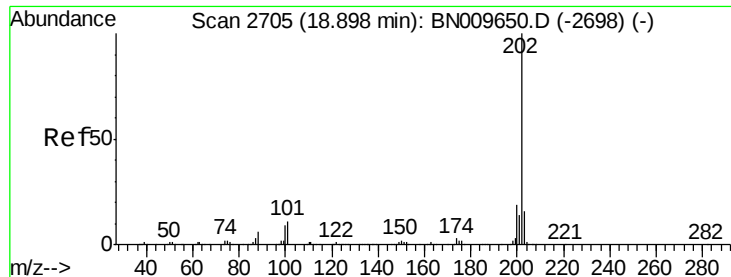
Tot Ion:163 Resp: 35743
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 8.1 8.0 12.0



#69
Phenanthrene
Concen: 4.684 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN009656.D
Acq: 07 Feb 2020 21:02

Tgt Ion:178 Resp: 199135
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 18.6 14.8 22.2





#76

Fluoranthene

Concen: 5.506 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.00 min

Lab File: BN009656.D

Acq: 07 Feb 2020 21:02

Instrument :

BNA_N

ClientSampleId :

CB6J5

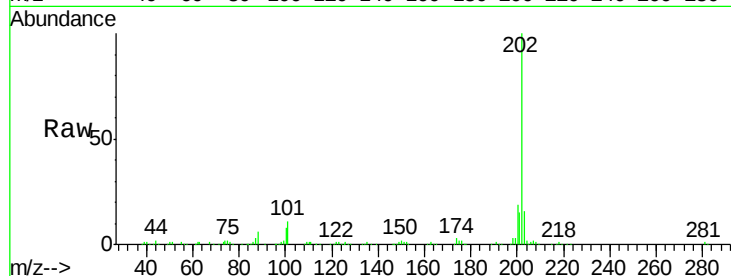
Tot Ion:202 Resp: 267142

Ion Ratio Lower Upper

202 100

101 11.3 9.2 13.8

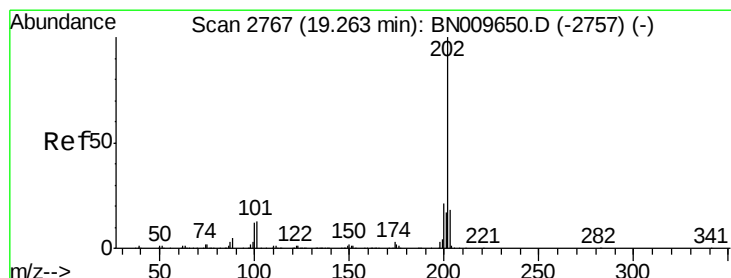
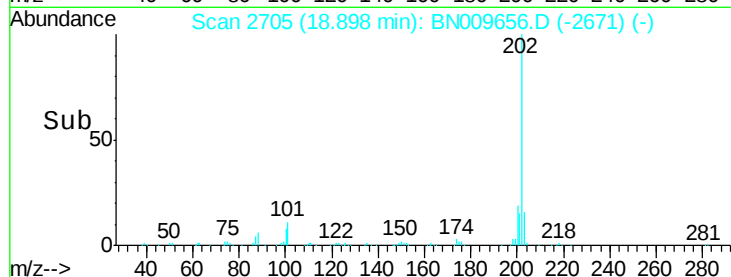
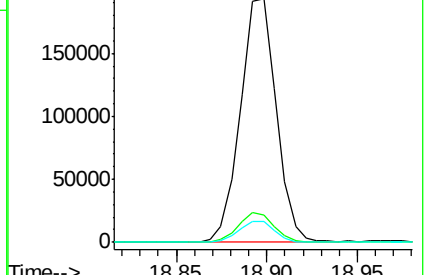
100 8.4 6.9 10.3



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: 4.479 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BN009656.D

Acq: 07 Feb 2020 21:02

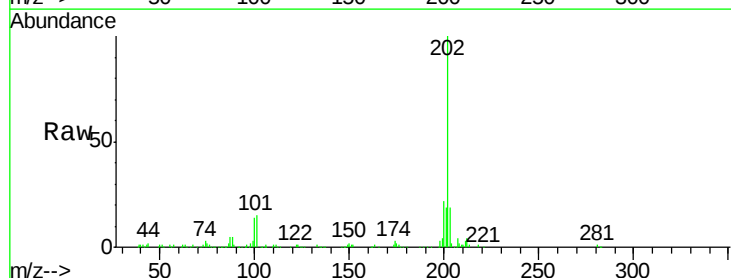
Tgt Ion:202 Resp: 238165

Ion Ratio Lower Upper

202 100

101 14.5 10.3 15.5

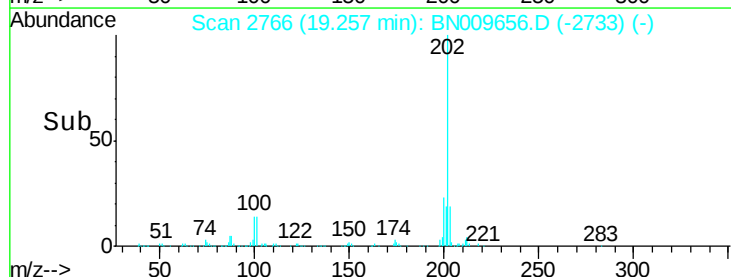
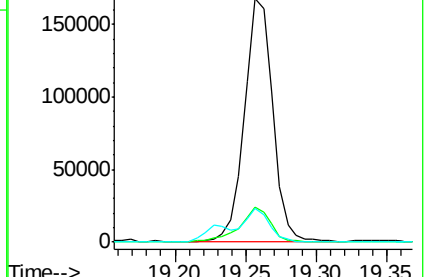
100 13.7 8.4 12.6#

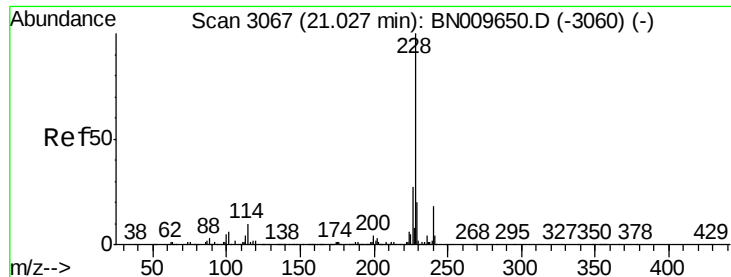


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 2.549 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN009656.D

Acq: 07 Feb 2020 21:02

Instrument :

BNA_N

ClientSampleId :

CB6J5

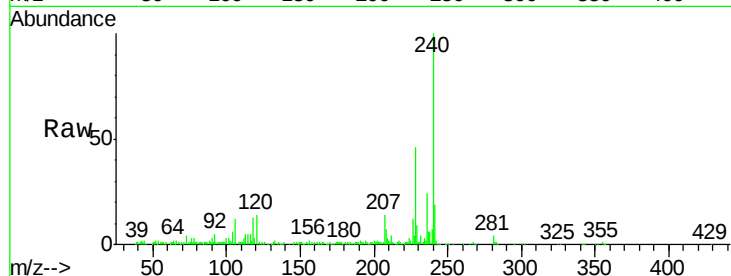
Tot Ion:228 Resp: 128206

Ion Ratio Lower Upper

228 100

229 18.4 15.0 22.4

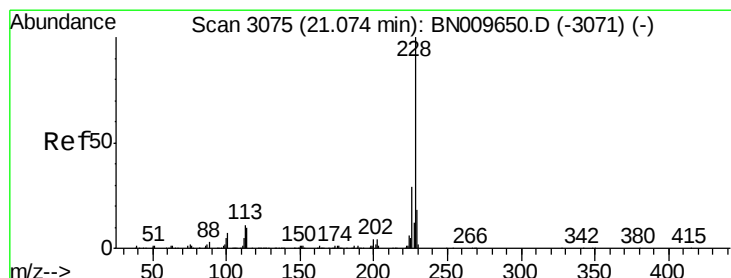
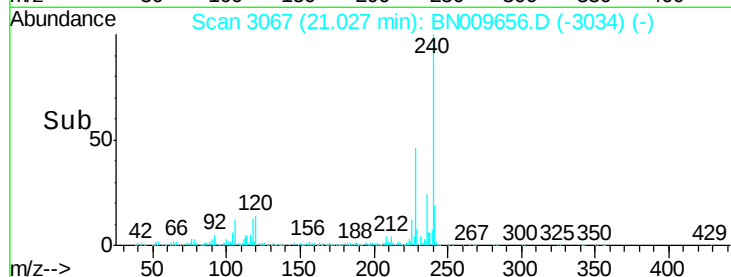
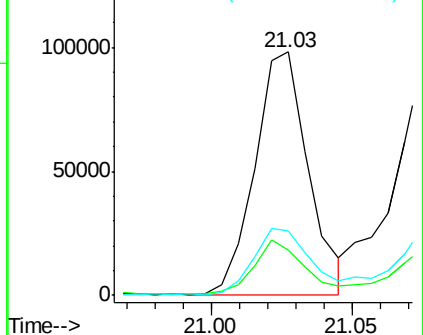
226 26.5 20.9 31.3



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: 2.540 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009656.D

Acq: 07 Feb 2020 21:02

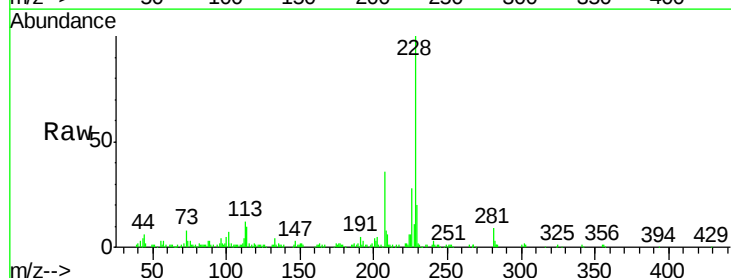
Tgt Ion:228 Resp: 127173

Ion Ratio Lower Upper

228 100

226 27.9 23.5 35.3

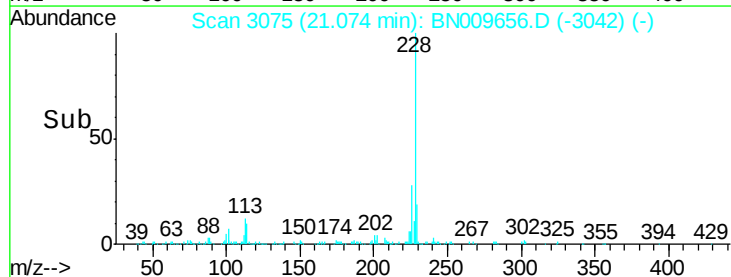
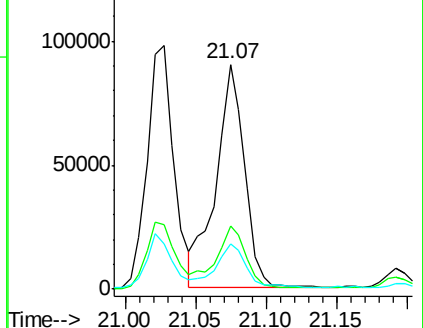
229 20.1 15.8 23.8

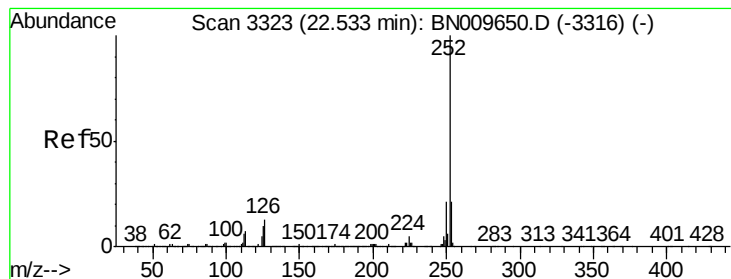


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 3.552 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BN009656.D

Acq: 07 Feb 2020 21:02

Instrument :

BNA_N

ClientSampleId :

CB6J5

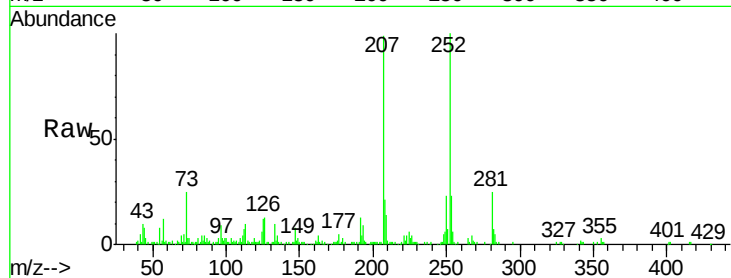
Tot Ion:252 Resp: 162302

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

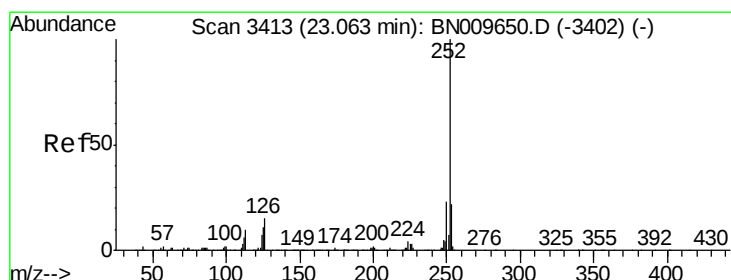
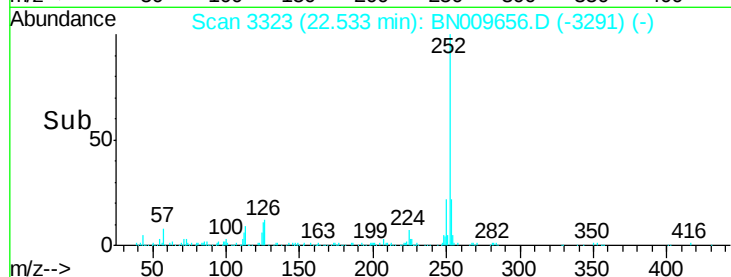
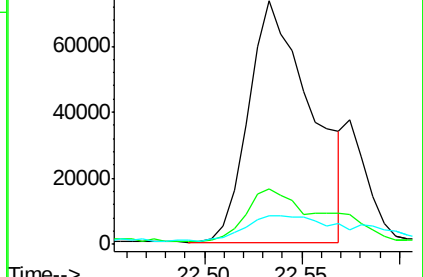
125 12.0 8.2 12.2



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



#90

Benzo(a)pyrene

Concen: 2.287 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN009656.D

Acq: 07 Feb 2020 21:02

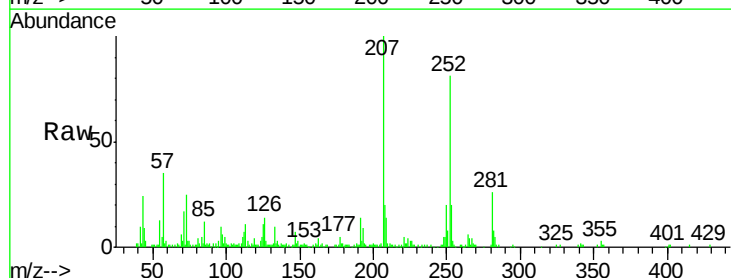
Tgt Ion:252 Resp: 96829

Ion Ratio Lower Upper

252 100

253 24.7 15.8 23.8#

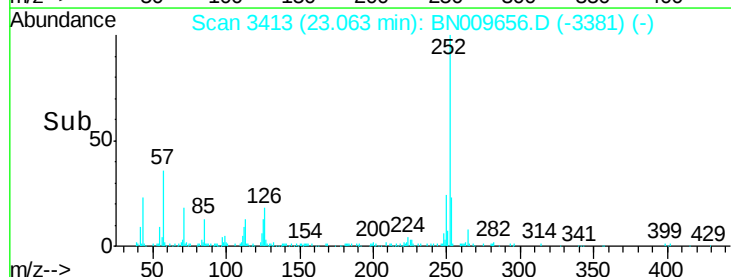
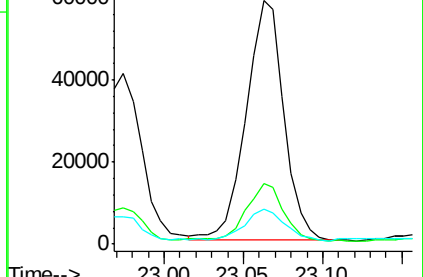
125 14.2 8.7 13.1#

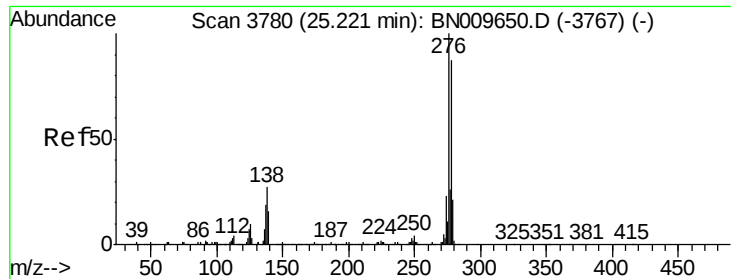


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



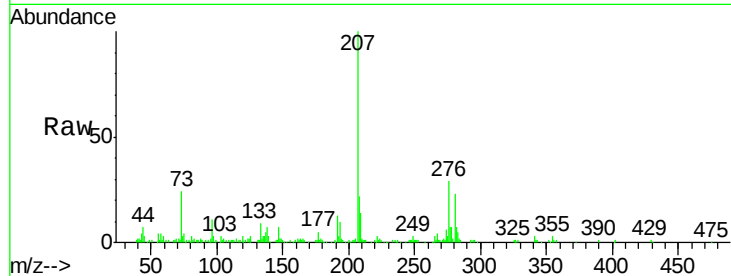


#91

Indeno(1,2,3-cd)pyrene
Concen: 1.185 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.02 min
Lab File: BN009656.D
Acq: 07 Feb 2020 21:02

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	34.4	20.3	30.5
277	24.4	21.2	31.8

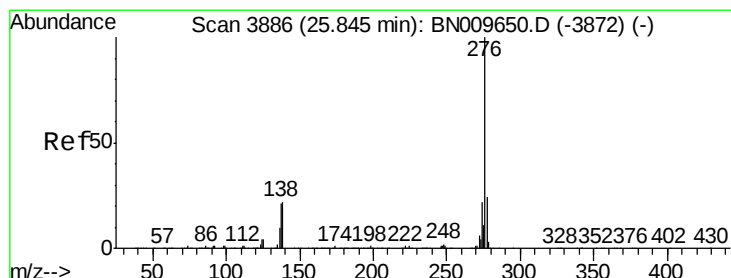
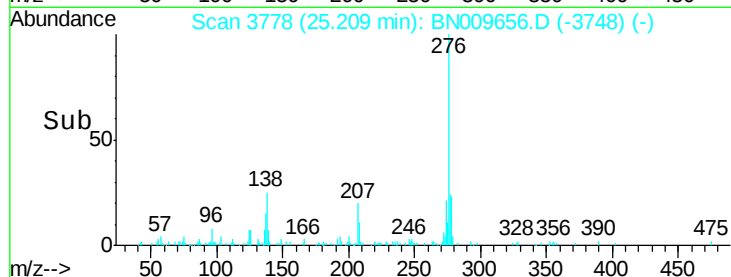
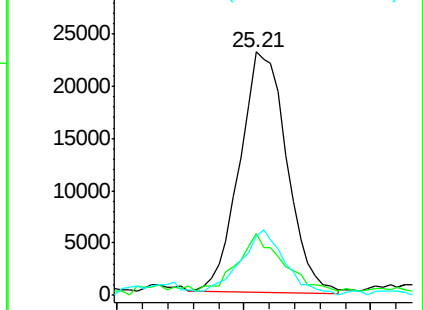


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

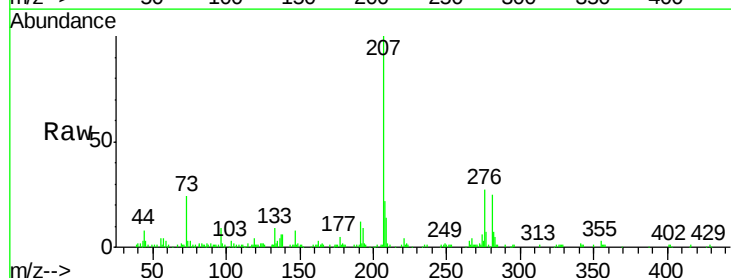
Ion 277.00 (276.70 to 277.70): E



#93

Benzo(g,h,i)perylene
Concen: 1.384 ng/ul
RT: 25.84 min Scan# 3886
Delta R.T. -0.01 min
Lab File: BN009656.D
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	16.0	24.0
277	24.9	17.0	25.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

