

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 07 23:20:41 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

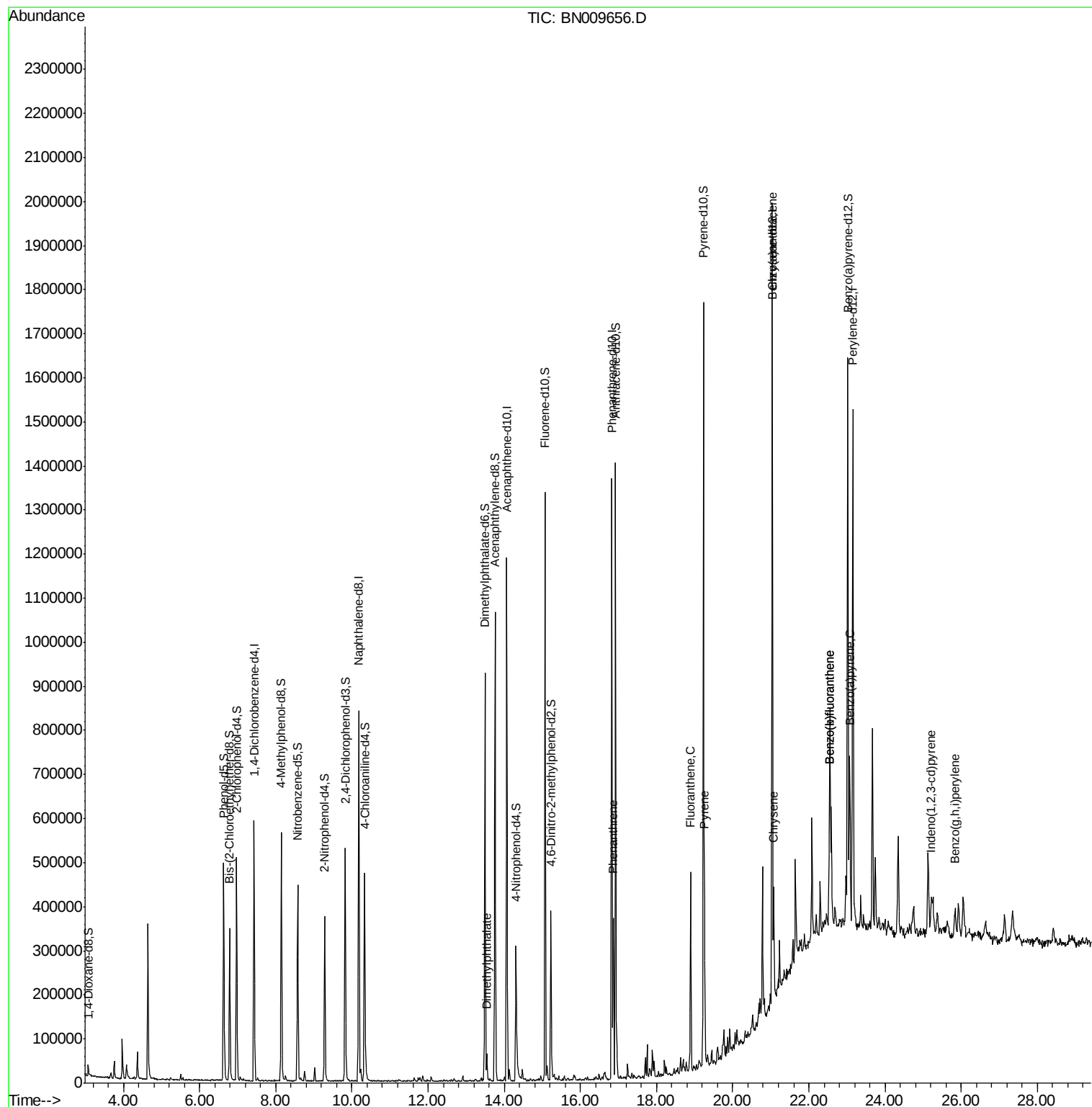
					Ovalue
44) Dimethylphthalate	13.55	163	35743	1.274 ng/ul	96
69) Phenanthrene	16.86	178	199135	4.684 ng/ul	99
76) Fluoranthene	18.90	202	267142	5.506 ng/ul	99
79) Pyrene	19.26	202	238165	4.479 ng/ul#	94
82) Benzo(a)anthracene	21.03	228	128206	2.549 ng/ul	99
84) Chrysene	21.07	228	127173	2.540 ng/ul	98
87) Benzo(b)fluoranthene	22.53	252	162302	3.552 ng/ul	97
88) Benzo(k)fluoranthene	22.53	252	162302	3.607 ng/ul	96
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

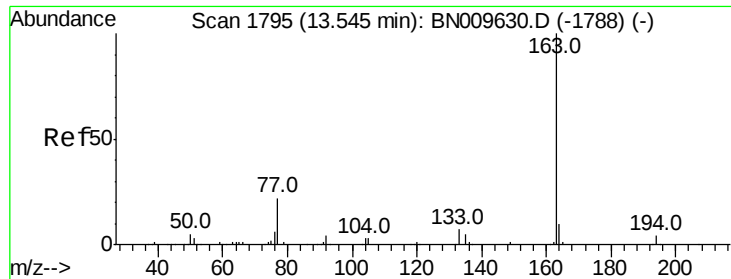
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#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

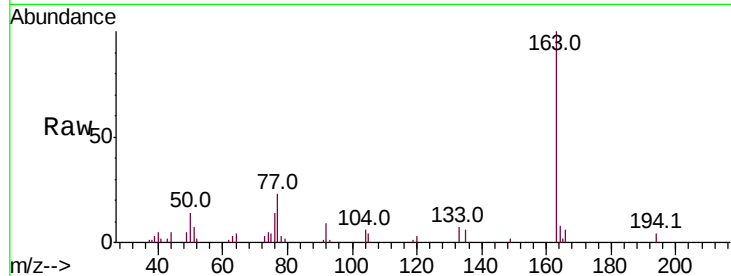
Tot Ion:163 Resp: 35743

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

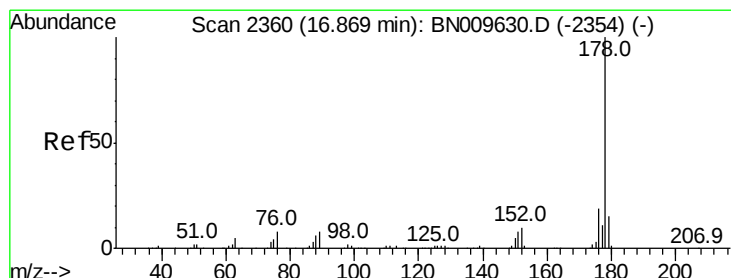
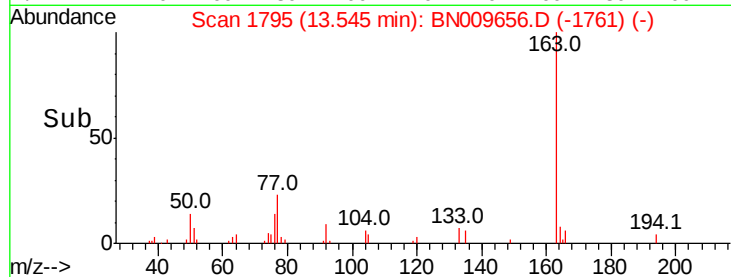
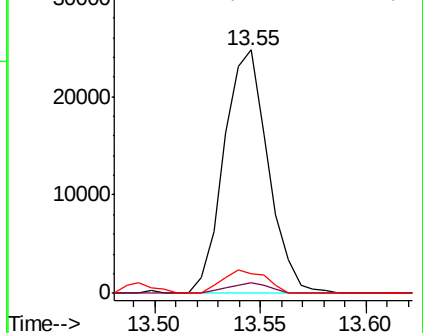
164 8.1 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#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

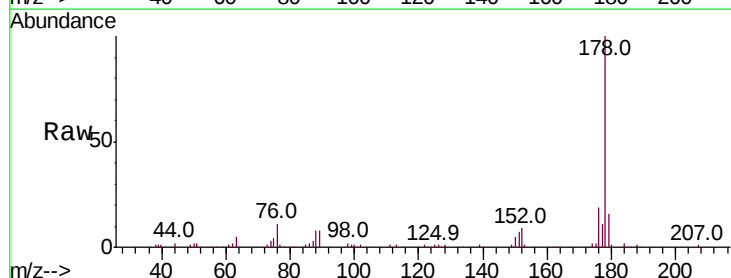
Tgt Ion:178 Resp: 199135

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

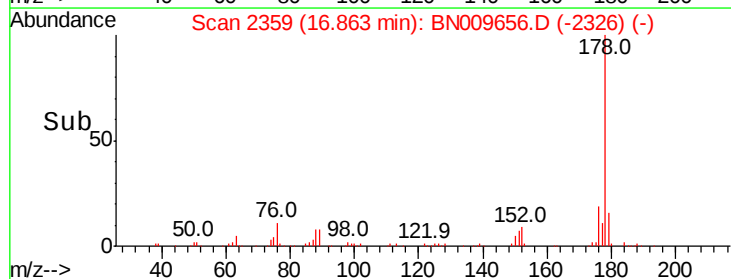
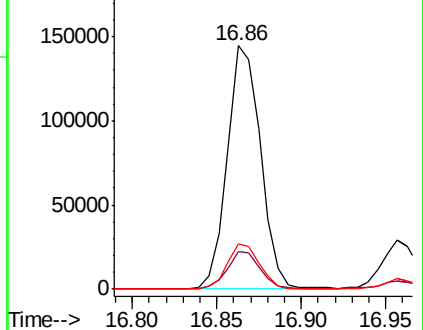
176 18.6 14.8 22.2

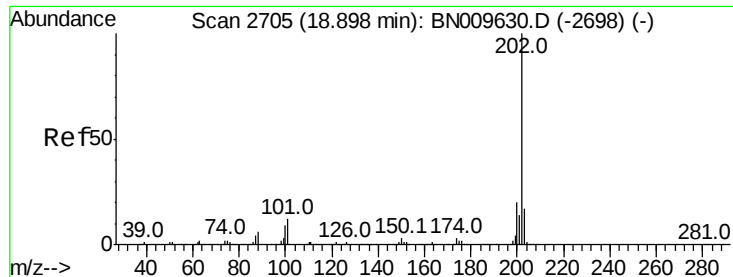


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

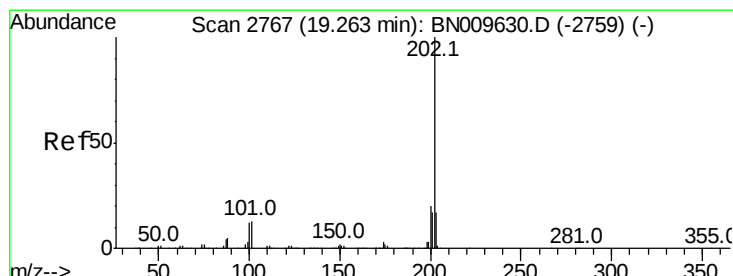
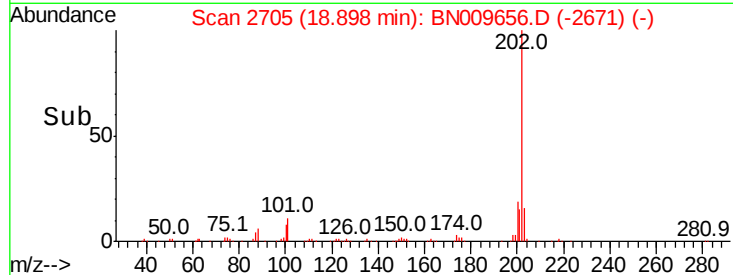
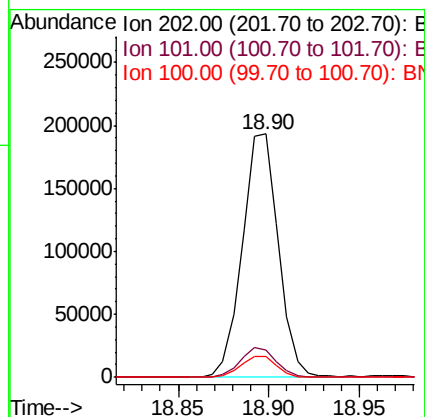
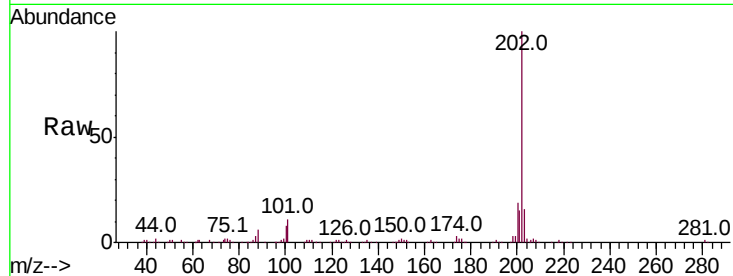




#76
Fluoranthene
Concen: 5.506 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.00 min
Lab File: BN009656.D
Acq: 07 Feb 2020 21:02

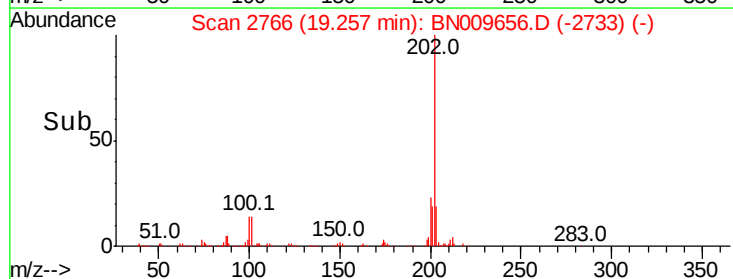
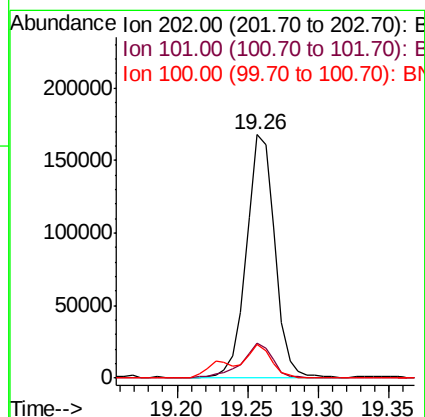
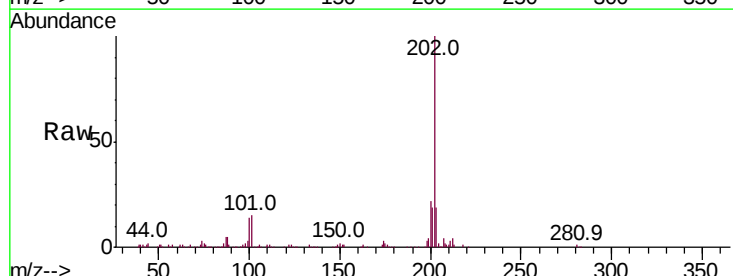
Instrument :
BNA_N
ClientSampleId :
CB6J5

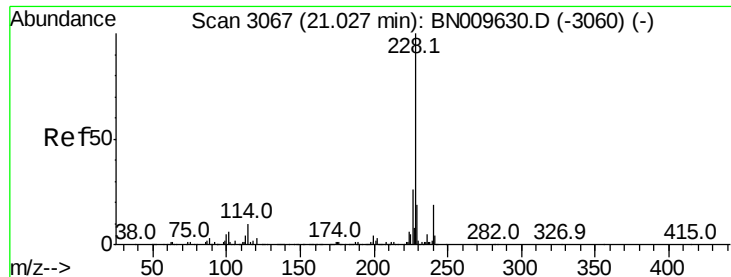
Tot Ion:	202	Resp:	267142
Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.2	13.8
100	8.4	6.9	10.3



#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#

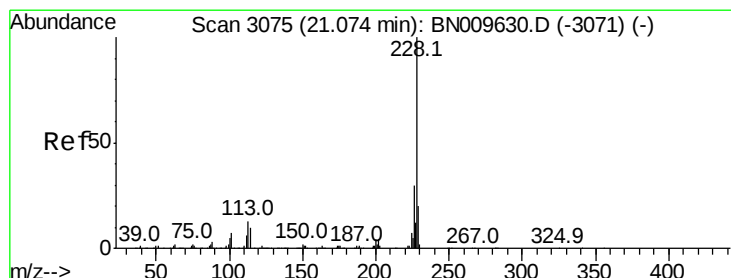
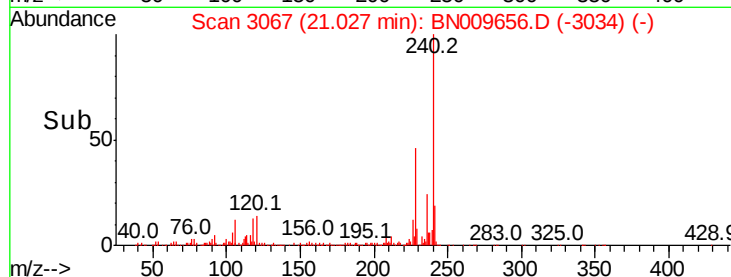
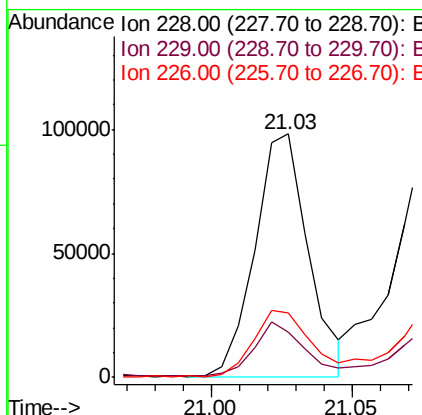
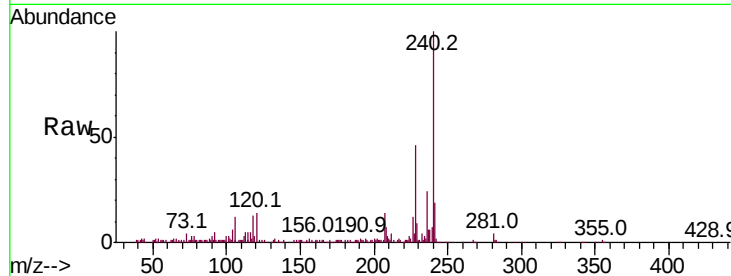




#82
Benzo(a)anthracene
Concen: 2.549 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN009656.D
Acq: 07 Feb 2020 21:02

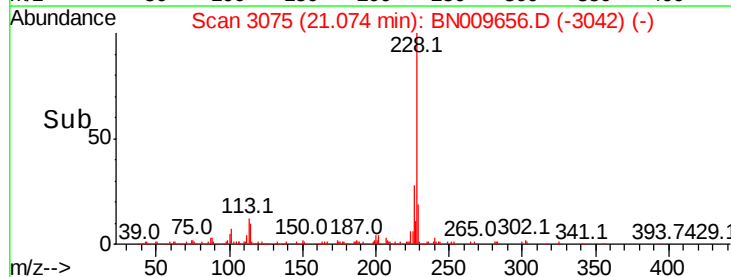
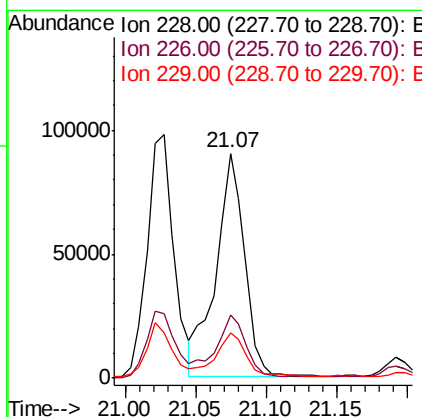
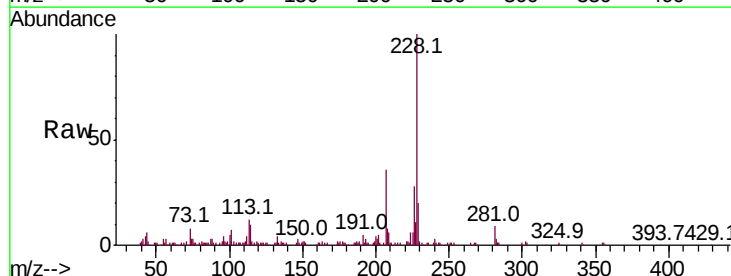
Instrument :
BNA_N
ClientSampled :
CB6J5

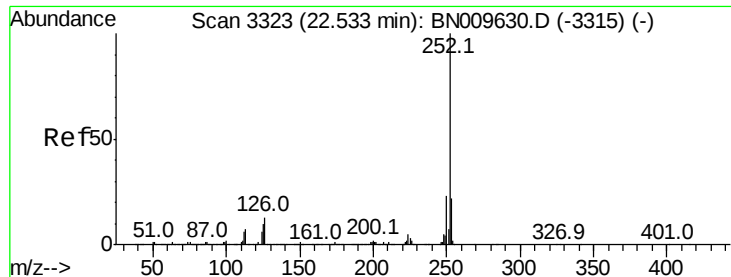
Tot Ion	Ratio	Lower	Upper
228	100		
229	18.4	15.0	22.4
226	26.5	20.9	31.3



#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	Ratio	Lower	Upper
228	100		
226	27.9	23.5	35.3
229	20.1	15.8	23.8

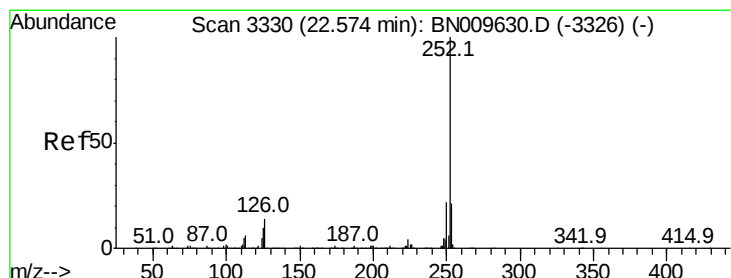
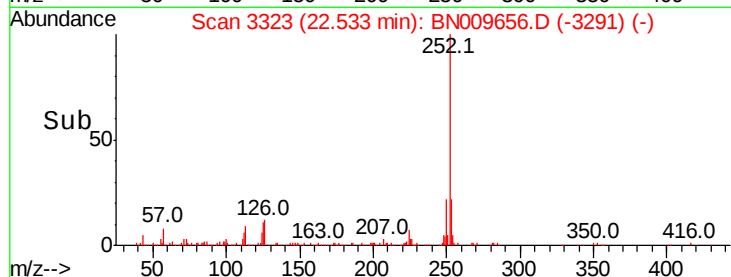
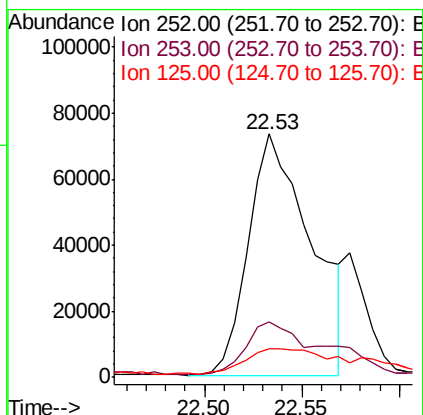
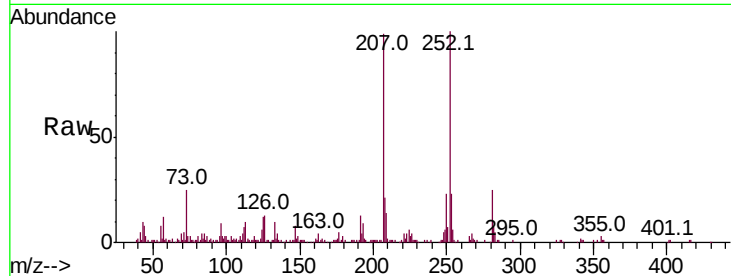




#87
Benzo(b)fluoranthene
Concen: 3.552 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BN009656.D
Acq: 07 Feb 2020 21:02

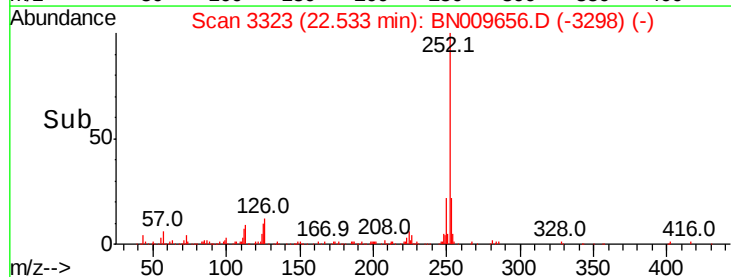
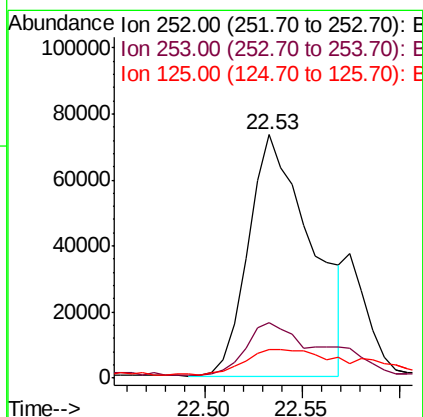
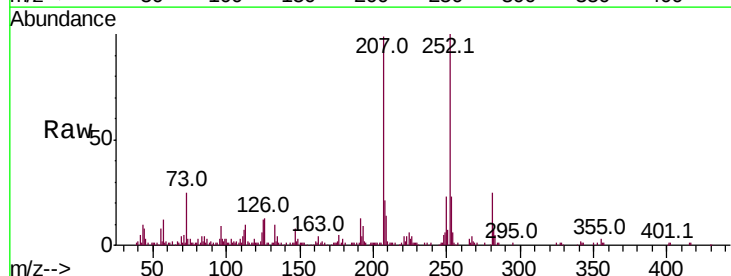
Instrument :
BNA_N
ClientSampleId :
CB6J5

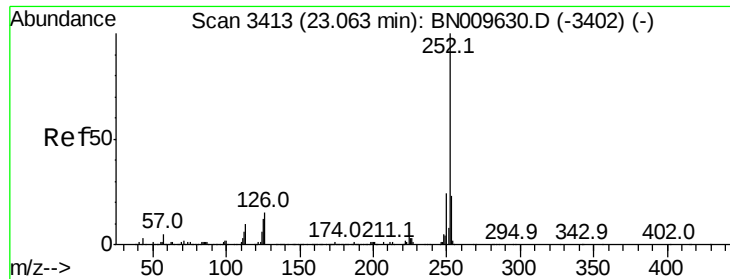
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	12.0	8.2	12.2



#88
Benzo(k)fluoranthene
Concen: 3.607 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.05 min
Lab File: BN009656.D
Acq: 07 Feb 2020 21:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.4
125	12.0	8.0	12.0





#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

Instrument :

BNA_N

ClientSampleId :

CB6J5

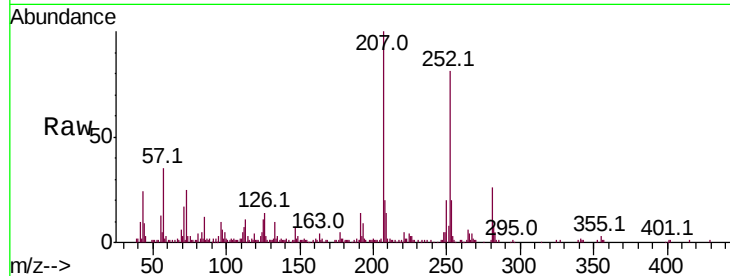
Tot Ion:252 Resp: 96829

Ion Ratio Lower Upper

252 100

253 24.7 15.8 23.8#

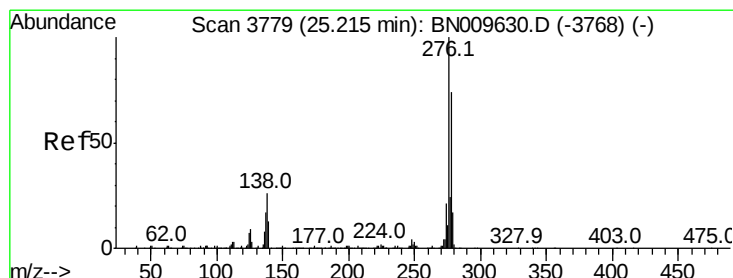
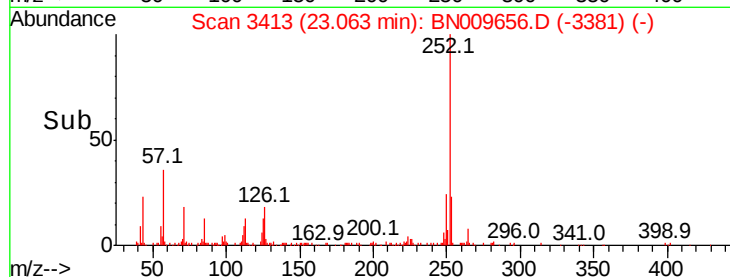
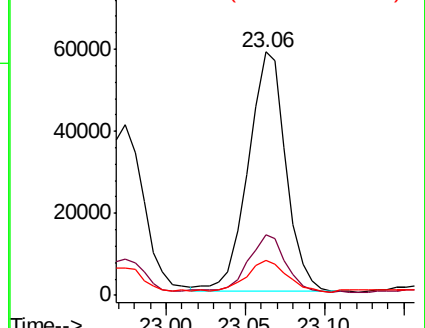
125 14.2 8.7 13.1#



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

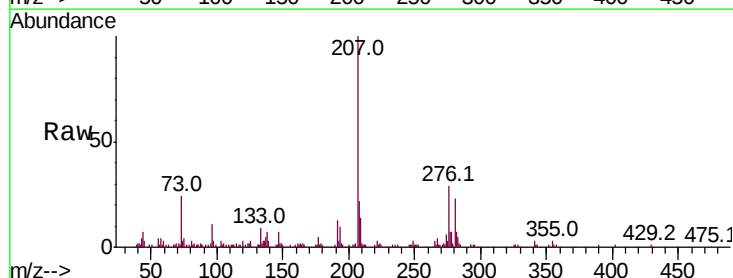
Tgt Ion:276 Resp: 59647

Ion Ratio Lower Upper

276 100

138 34.4 20.3 30.5#

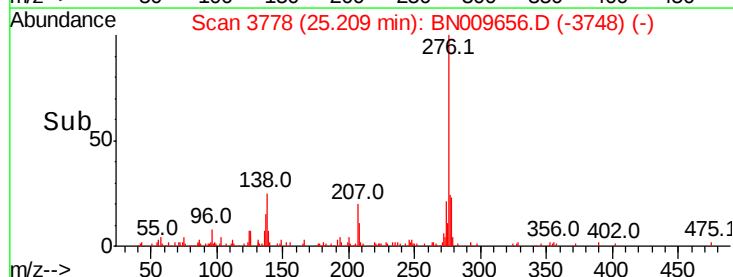
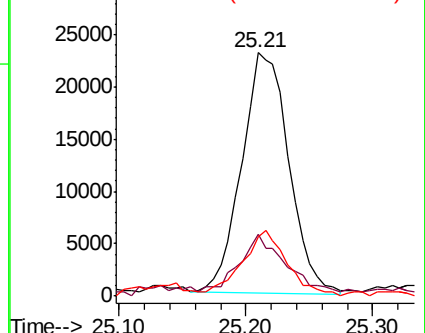
277 24.4 21.2 31.8

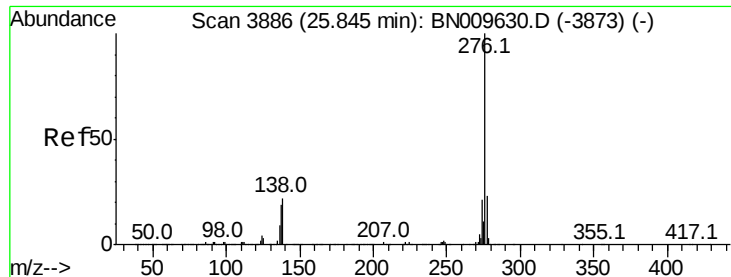


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.384 ng/ul

RT: 25.84 min Scan# 3886

Delta R.T. -0.01 min

Lab File: BN009656.D

Acq: 07 Feb 2020 21:02

Instrument :

BNA_N

ClientSampleId :

CB6J5

Tot Ion:276 Resp: 58369

Ion Ratio Lower Upper

276 100

138 22.2 16.0 24.0

277 24.9 17.0 25.6

