

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009674.D
 Acq On : 08 Feb 2020 08:22
 Operator : CG/JU
 Sample : L1401-18
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6T9

Quant Time: Feb 10 02:42:41 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	167831	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	706877	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	434475	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	890268	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	858103	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	868705	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	13810	3.38	ng/uL	0.00
5) Phenol-d5	6.63	99	277584	18.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	188535	19.18	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	215617	20.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	214957	18.44	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	106212	20.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	119082	20.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	212968	19.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	284017	24.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	654784	20.64	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	789636	20.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	95637	15.97	ng/ul	0.00
57) Fluorene-d10	15.07	176	568937	20.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	84964	15.28	ng/ul	0.00
70) Anthracene-d10	16.92	188	859369	21.24	ng/ul	0.00
78) Pyrene-d10	19.23	212	974721	21.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	970412	22.69	ng/ul	-0.01

Target Compounds

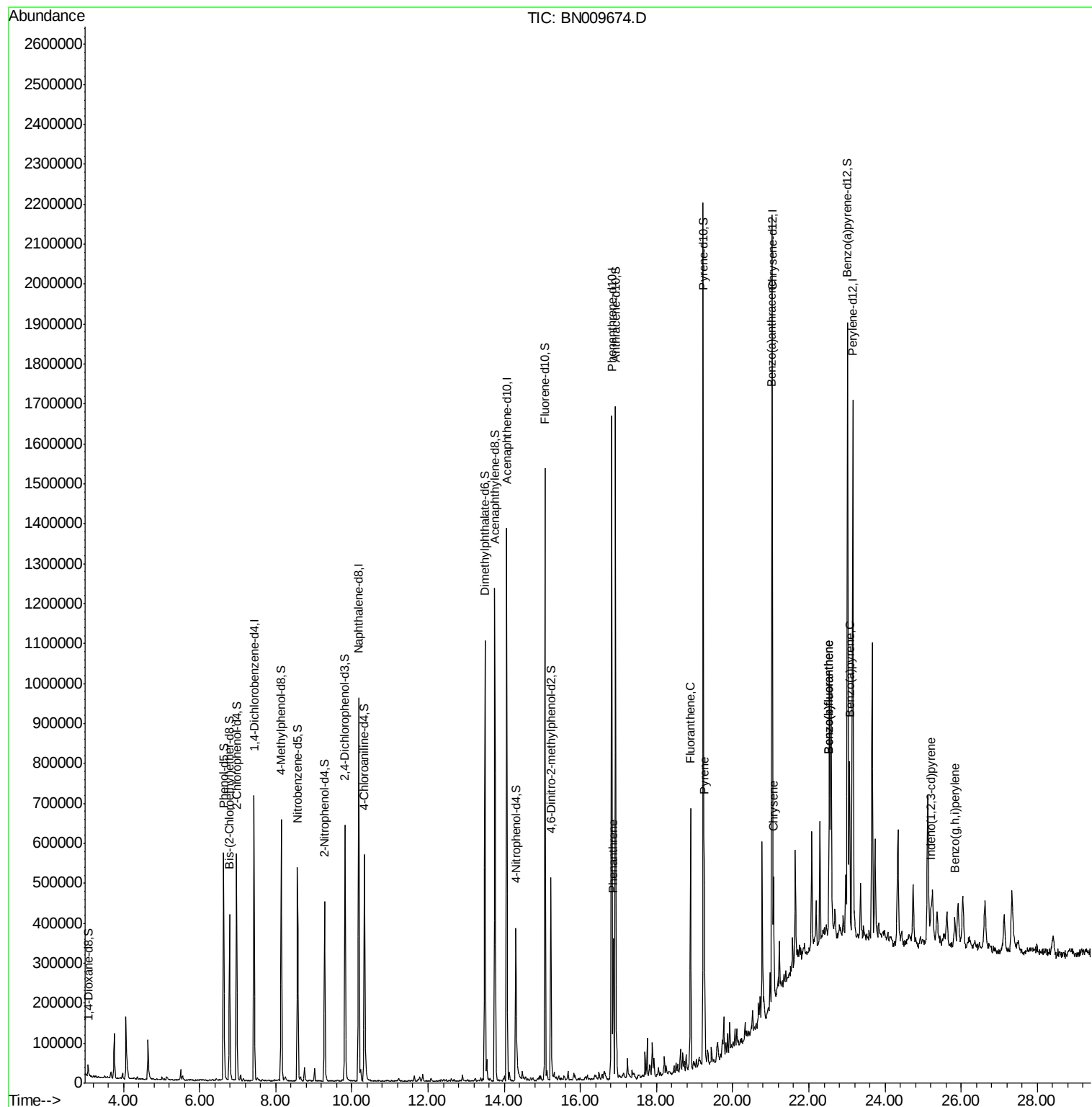
					Ovalue	
69) Phenanthrene	16.86	178	186841	3.680	ng/ul	99
76) Fluoranthene	18.89	202	348871	6.021	ng/ul	100
79) Pyrene	19.26	202	316564	5.054	ng/ul	99
82) Benzo(a)anthracene	21.02	228	167376	2.825	ng/ul	99
84) Chrysene	21.07	228	160283	2.717	ng/ul	100
87) Benzo(b)fluoranthene	22.53	252	197182	3.628	ng/ul	97
88) Benzo(k)fluoranthene	22.53	252	197182	3.684	ng/ul	97
90) Benzo(a)pyrene	23.06	252	120703	2.397	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	25.21	276	70106	1.171	ng/ul	95
93) Benzo(g,h,i)perylene	25.83	276	67737	1.350	ng/ul#	90

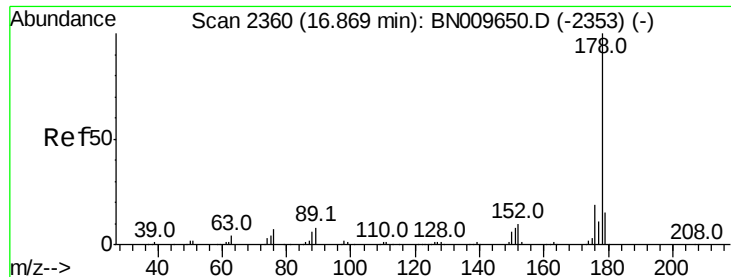
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009674.D
Acq On : 08 Feb 2020 08:22
Operator : CG/JU
Sample : L1401-18
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB6T9

Quant Time: Feb 10 02:42:41 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





#69

Phenanthrene

Concen: 3.680 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BN009674.D

Acq: 08 Feb 2020 08:22

Instrument :

BNA_N

ClientSampleId :

CB6T9

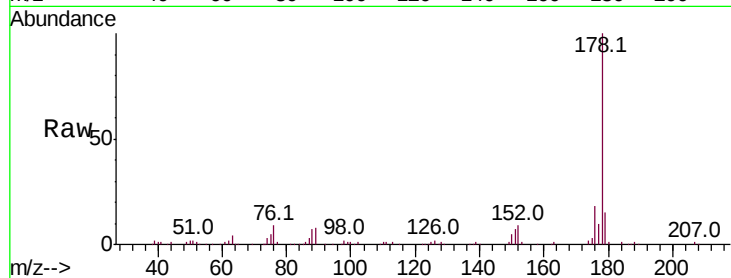
Tot Ion:178 Resp: 186841

Ion Ratio Lower Upper

178 100

179 14.8 12.2 18.2

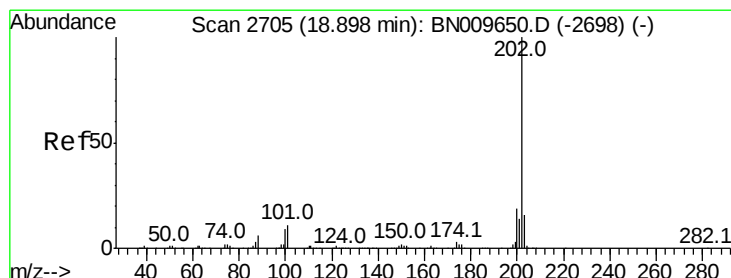
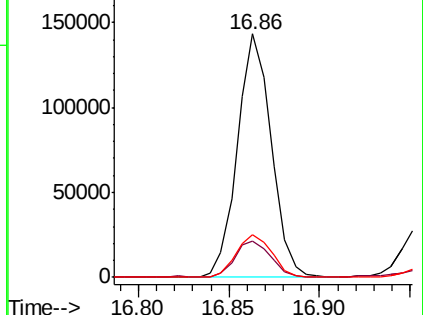
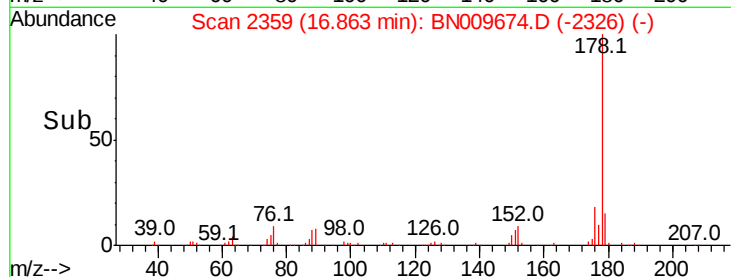
176 17.7 14.8 22.2



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: 6.021 ng/ul

RT: 18.89 min Scan# 2704

Delta R.T. -0.01 min

Lab File: BN009674.D

Acq: 08 Feb 2020 08:22

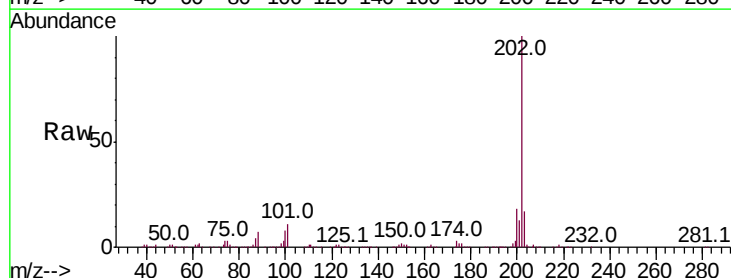
Tgt Ion:202 Resp: 348871

Ion Ratio Lower Upper

202 100

101 11.4 9.2 13.8

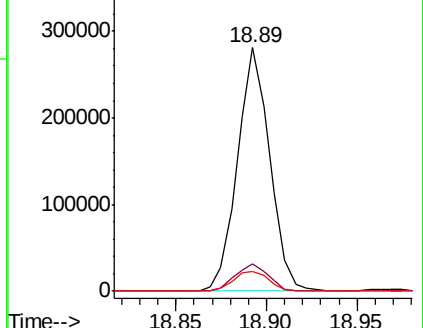
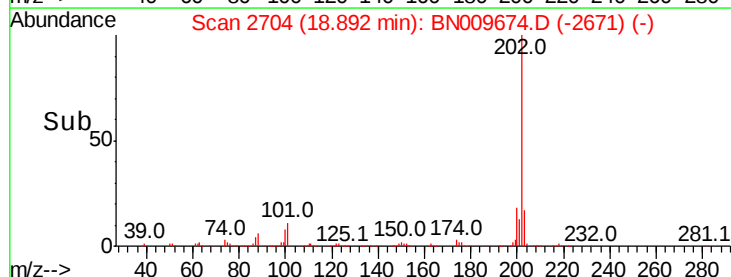
100 8.3 6.9 10.3

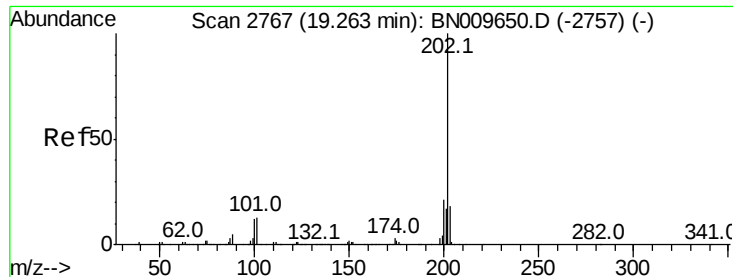


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

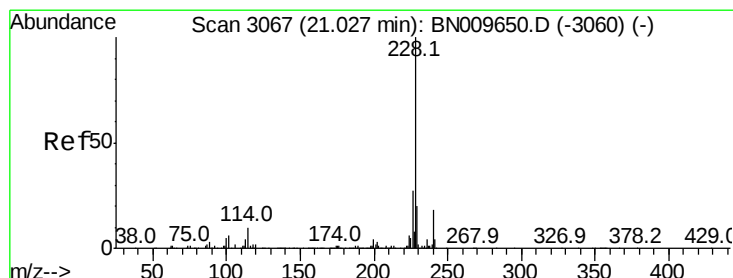
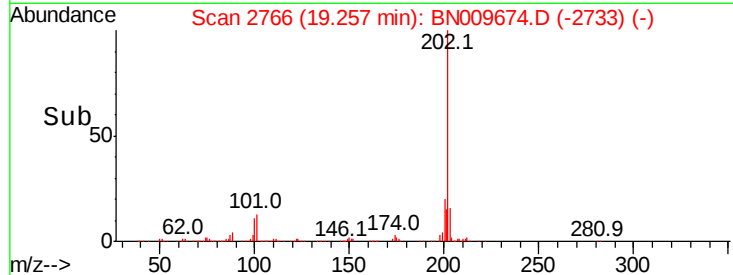
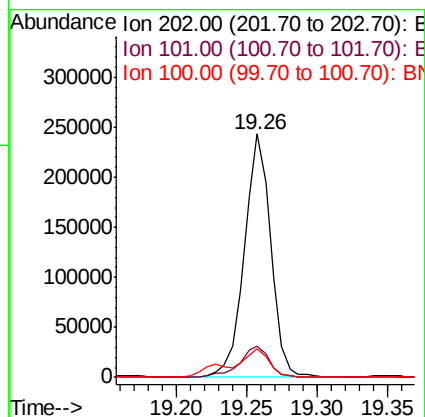
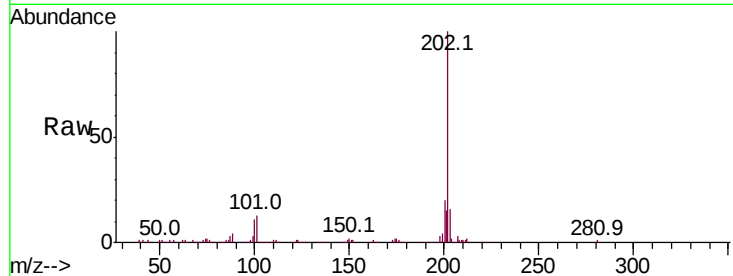




#79
Pvrene
Concen: 5.054 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BN009674.D
Acq: 08 Feb 2020 08:22

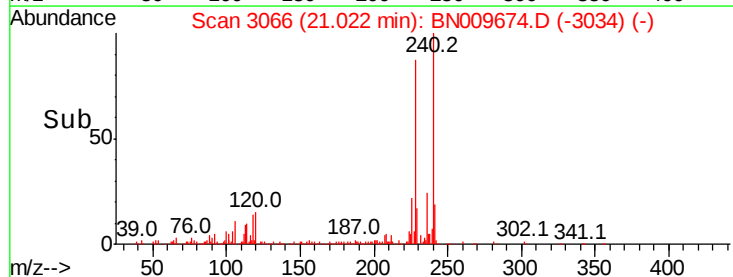
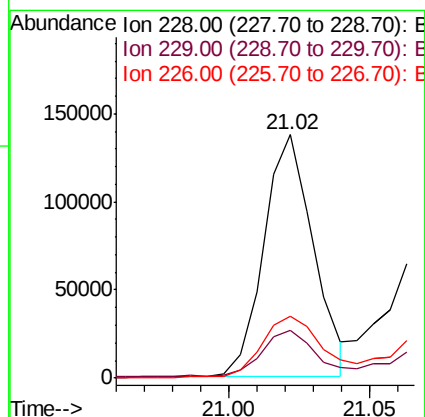
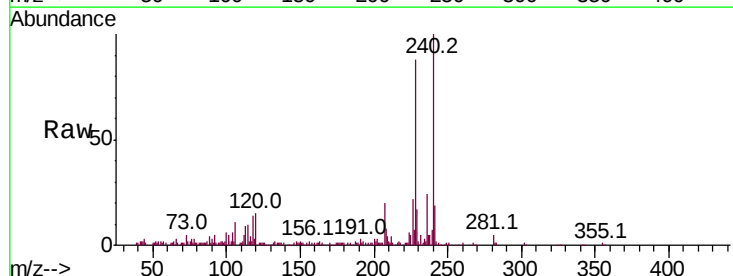
Instrument :
BNA_N
ClientSampleId :
CB6T9

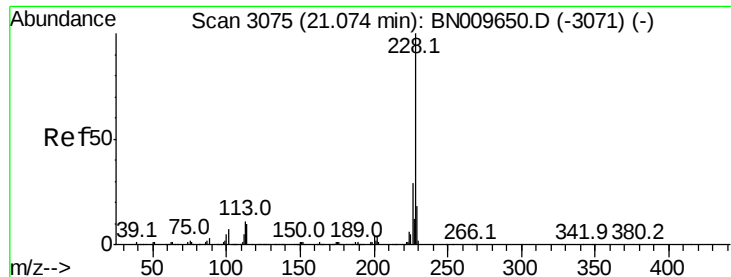
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.3	15.5
100	11.5	8.4	12.6



#82
Benzo(a)anthracene
Concen: 2.825 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BN009674.D
Acq: 08 Feb 2020 08:22

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.0	22.4
226	25.7	20.9	31.3





#84

Chrysene

Concen: 2.717 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009674.D

Acq: 08 Feb 2020 08:22

Instrument :

BNA_N

ClientSampleId :

CB6T9

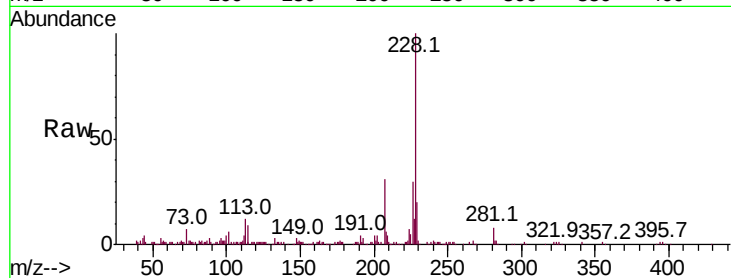
Tot Ion:228 Resp: 160283

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.5	35.3
229	20.1	15.8	23.8

228 100

226 29.6 23.5 35.3

229 20.1 15.8 23.8

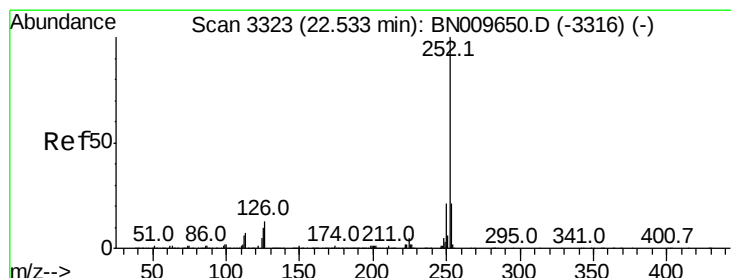
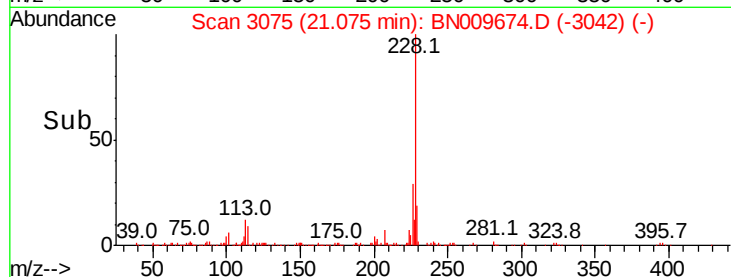
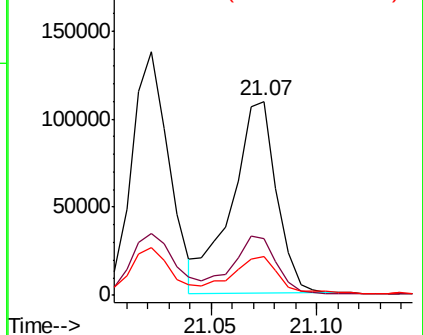


Abundance

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: 3.628 ng/ul

RT: 22.53 min Scan# 3322

Delta R.T. -0.02 min

Lab File: BN009674.D

Acq: 08 Feb 2020 08:22

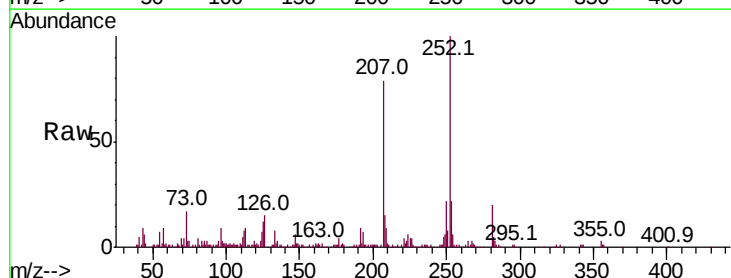
Tgt Ion:252 Resp: 197182

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	11.9	8.2	12.2

252 100

253 22.3 17.0 25.6

125 11.9 8.2 12.2

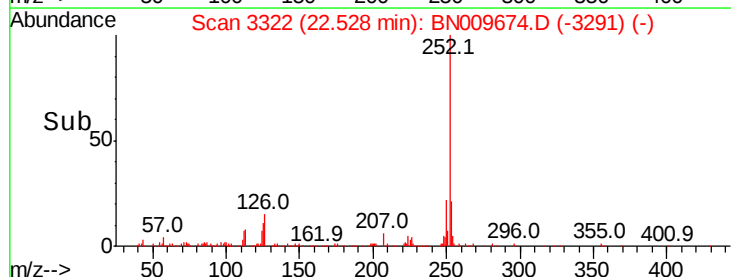
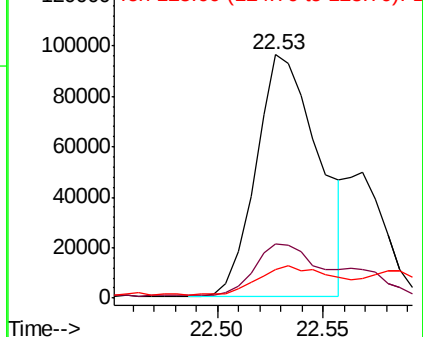


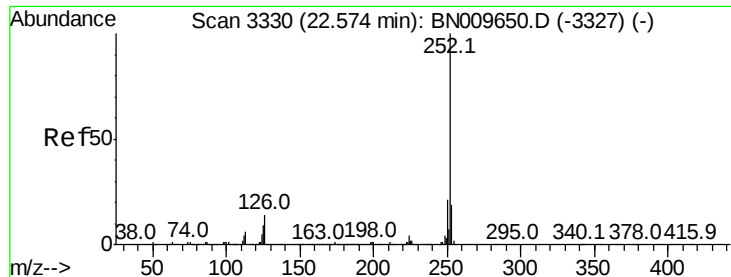
Abundance

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

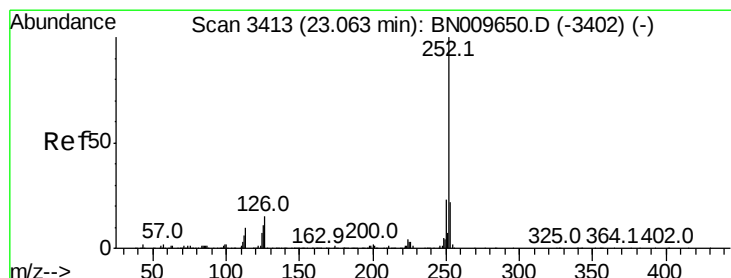
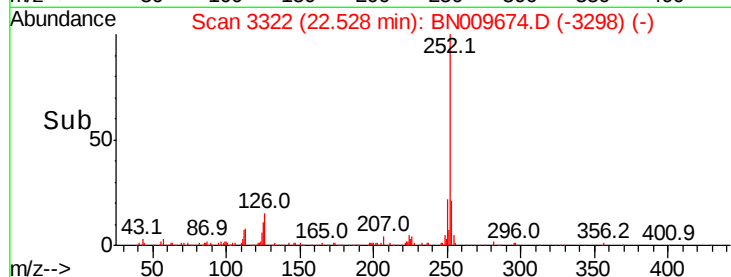
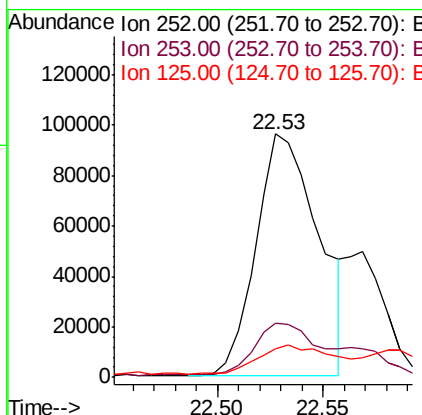
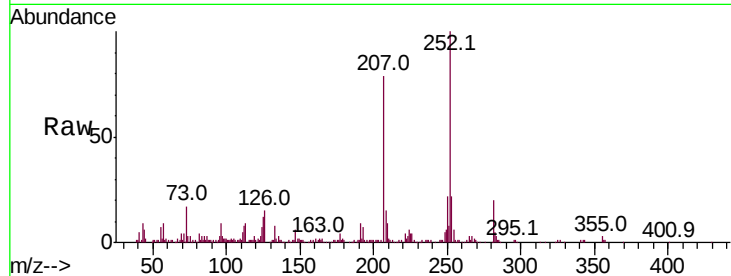




#88
Benzo(k)fluoranthene
Concen: 3.684 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. -0.06 min
Lab File: BN009674.D
Acq: 08 Feb 2020 08:22

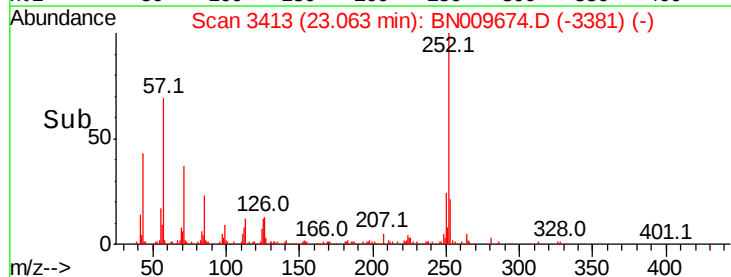
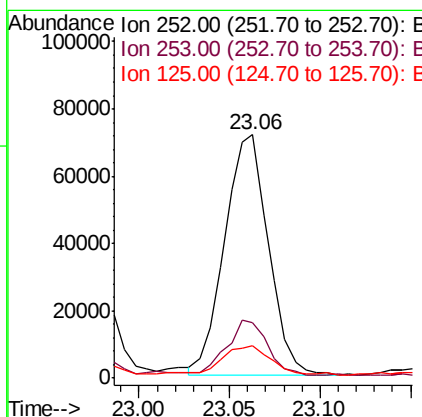
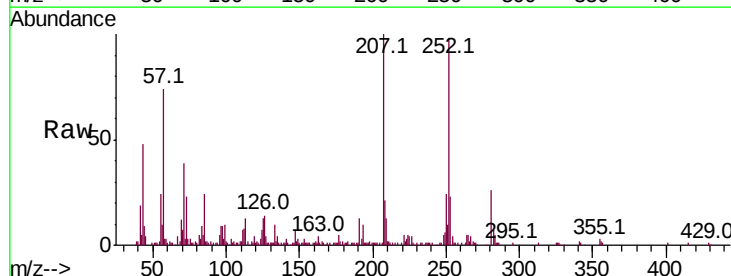
Instrument :
BNA_N
ClientSampleId :
CB6T9

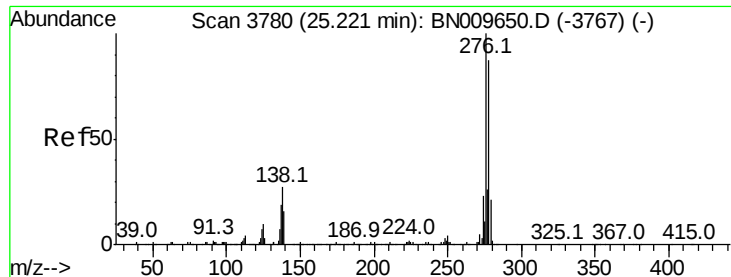
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	11.9	8.0	12.0



#90
Benzo(a)pyrene
Concen: 2.397 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009674.D
Acq: 08 Feb 2020 08:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	15.8	23.8
125	13.1	8.7	13.1#



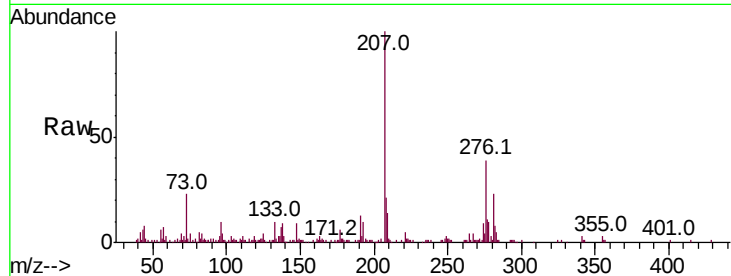


#91

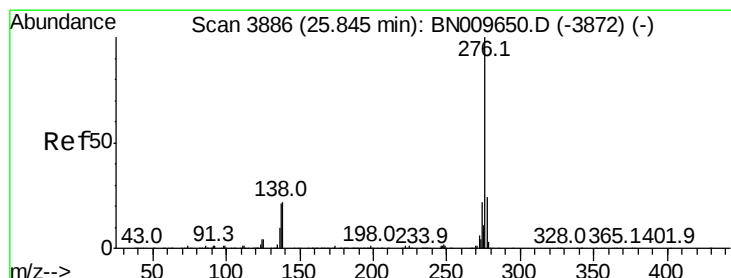
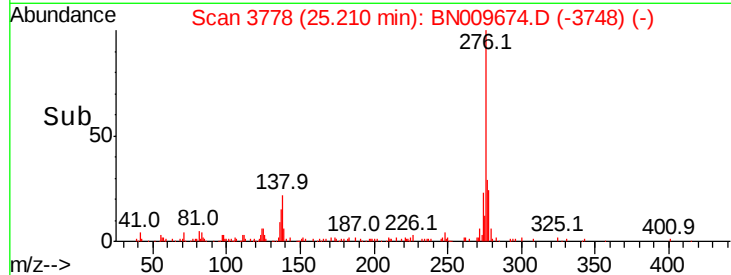
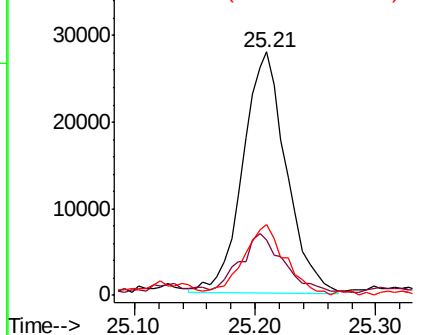
Indeno(1,2,3-cd)pyrene
Concen: 1.171 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.02 min
Lab File: BN009674.D
Acq: 08 Feb 2020 08:22

Instrument :
BNA_N
ClientSampleId :
CB6T9

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	20.3	30.5
277	29.0	21.2	31.8



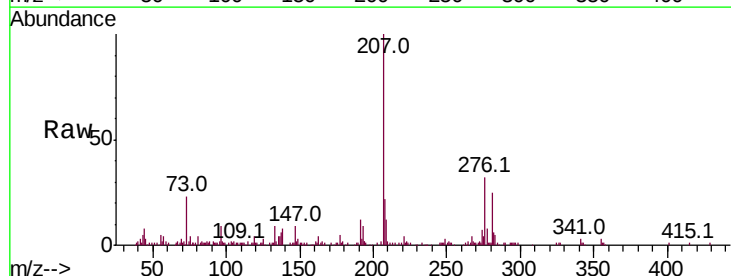
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#93

Benzo(g,h,i)perylene
Concen: 1.350 ng/ul
RT: 25.83 min Scan# 3884
Delta R.T. -0.02 min
Lab File: BN009674.D
Acq: 08 Feb 2020 08:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	16.0	24.0#
277	25.0	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

