

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 :

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

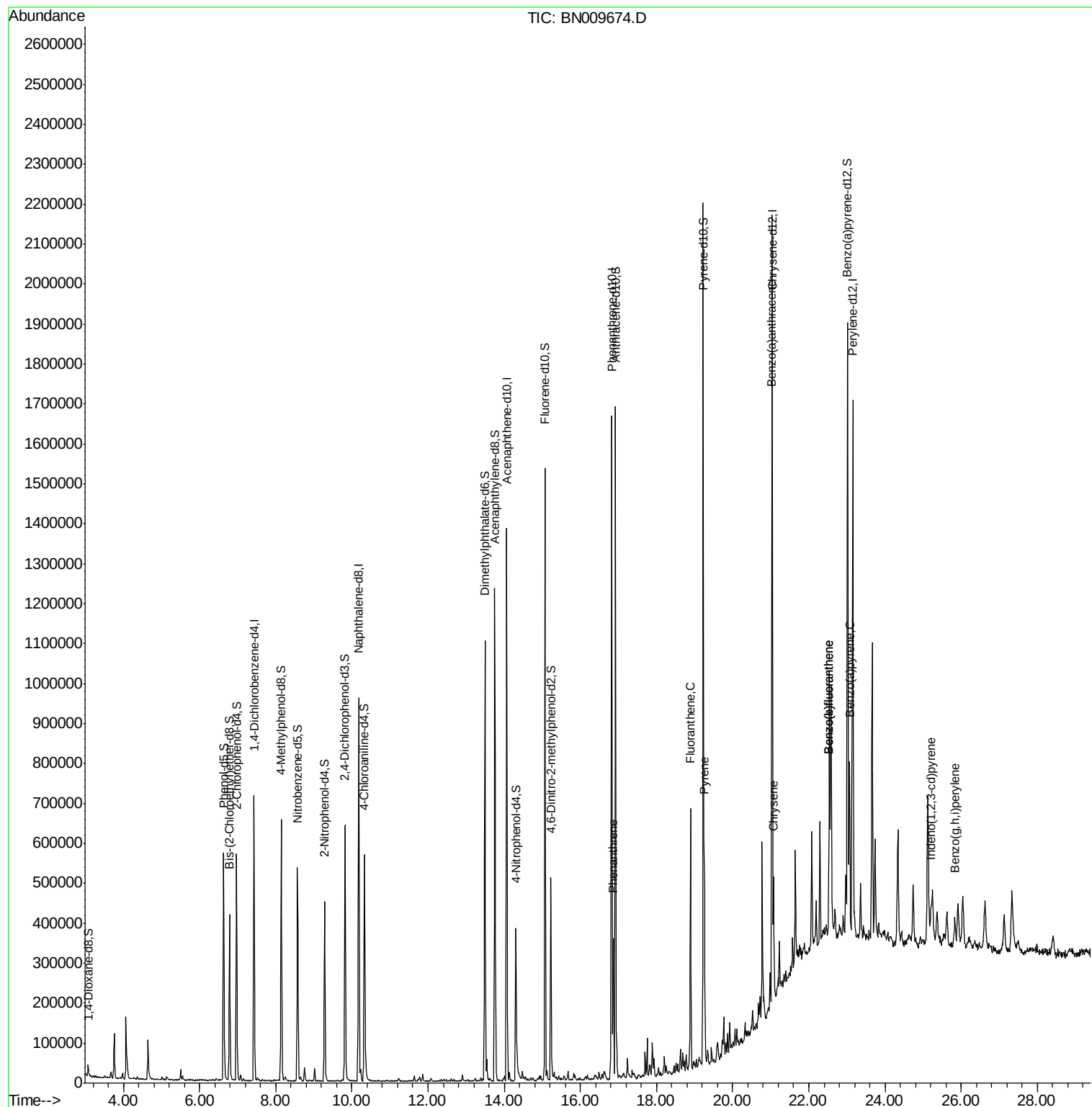
					Ovalue
69) Phenanthrene	16.86	178	186841	3.680 ng/ul	99
76) Fluoranthene	18.89	202	348871	6.021 ng/ul	100
79) Pyrene	19.26	202	316564	5.054 ng/ul	99
82) Benzo(a)anthracene	21.02	228	167376	2.825 ng/ul	99
84) Chrysene	21.07	228	160283	2.717 ng/ul	100
87) Benzo(b)fluoranthene	22.53	252	197182	3.628 ng/ul	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(a,h,i)perylene	25.83	276	67737	1.350 ng/ul#	90

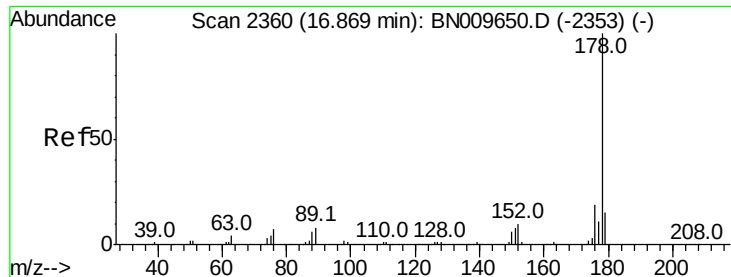
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

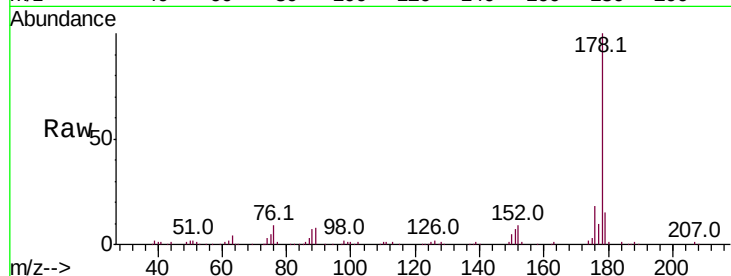
Tot Ion:178 Resp: 186841

Ion Ratio Lower Upper

178 100

179 14.8 12.2 18.2

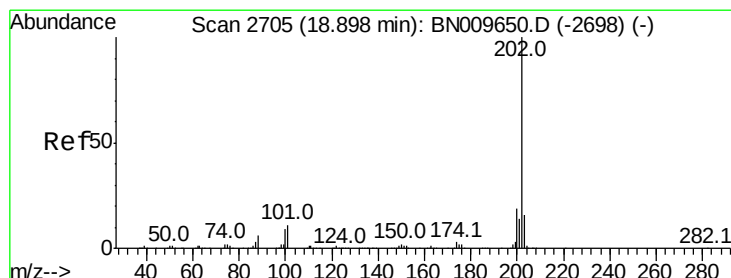
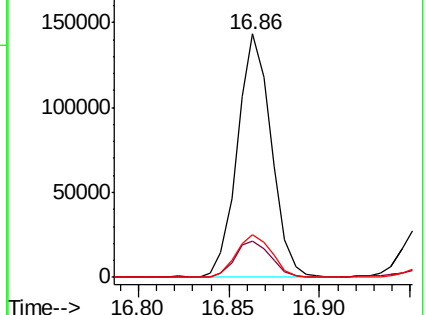
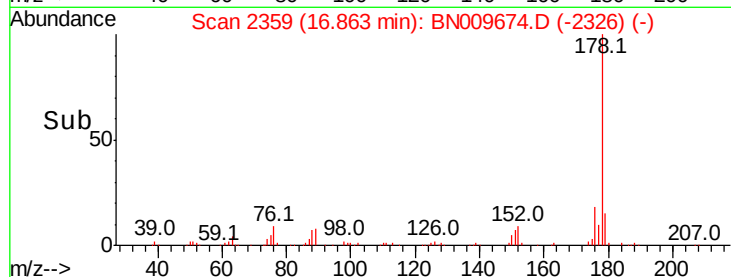
176 17.7 14.8 22.2



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

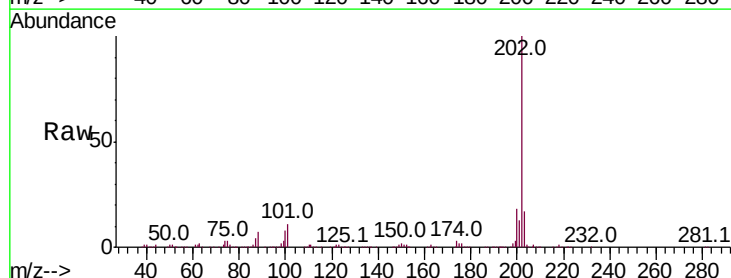
Tgt Ion:202 Resp: 348871

Ion Ratio Lower Upper

202 100

101 11.4 9.2 13.8

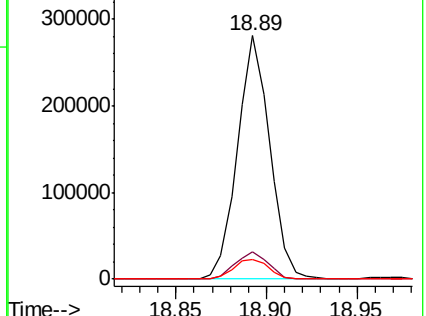
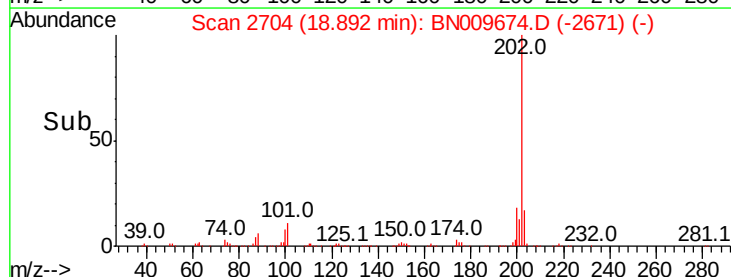
100 8.3 6.9 10.3

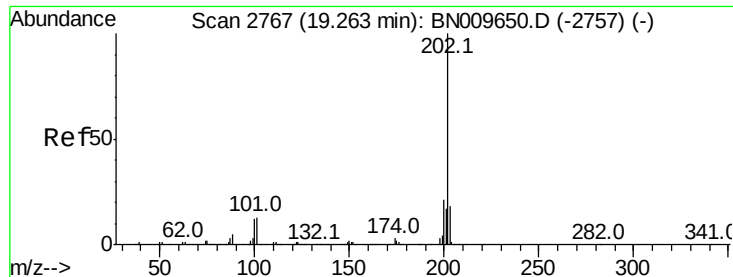


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

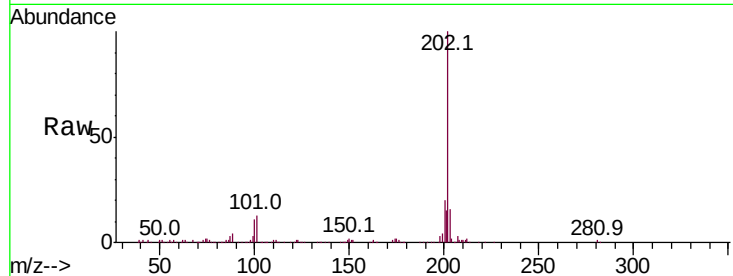




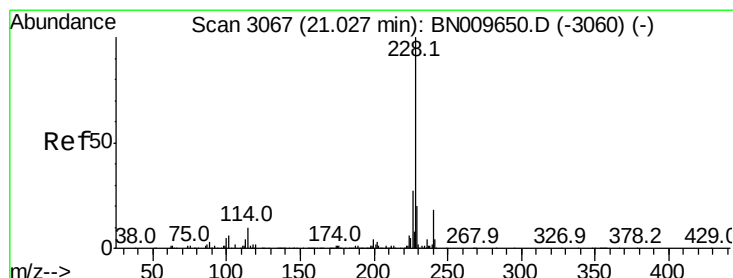
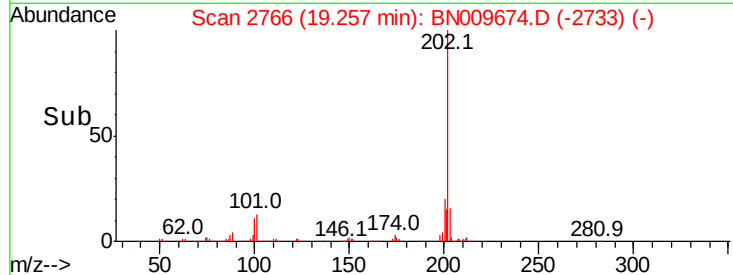
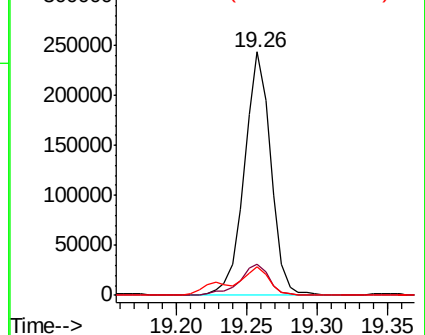
#79
Pvrene
Concen: 5.054 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BN009674.D
Acq: 08 Feb 2020 08:22

Instrument :
BNA_N
ClientSampleId :

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

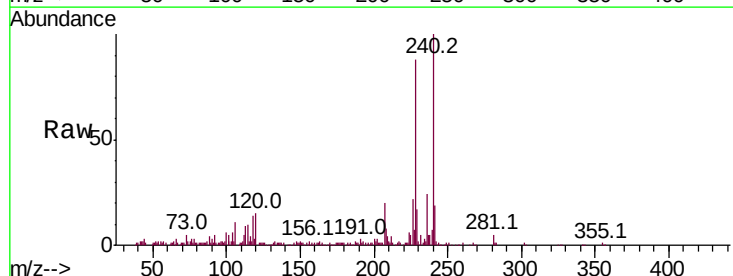


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

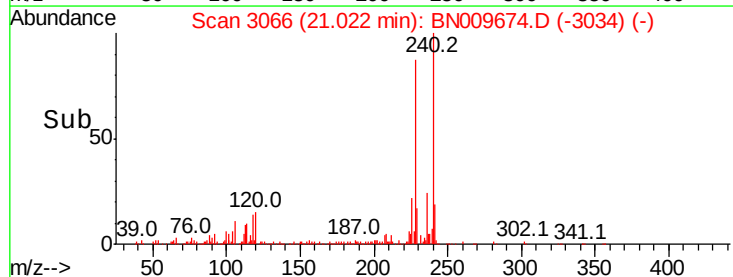
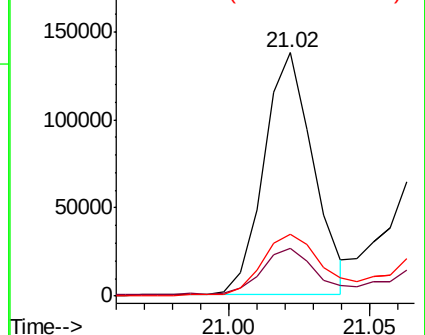


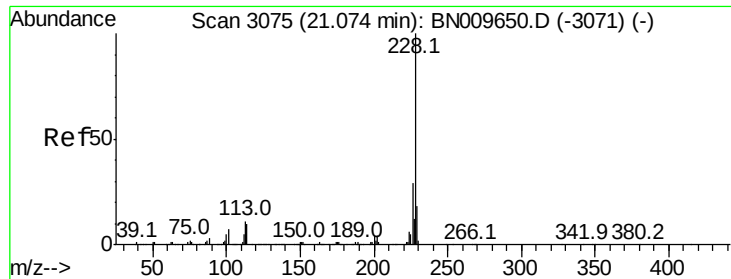
#82
Benzo(a)anthracene
Concen: 2.825 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BN009674.D
Acq: 08 Feb 2020 08:22

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



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: 2.717 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 :

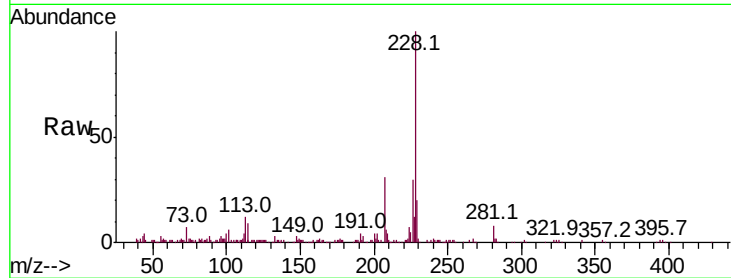
Tot Ion:228 Resp: 160283

Ion Ratio Lower Upper

228 100

226 29.6 23.5 35.3

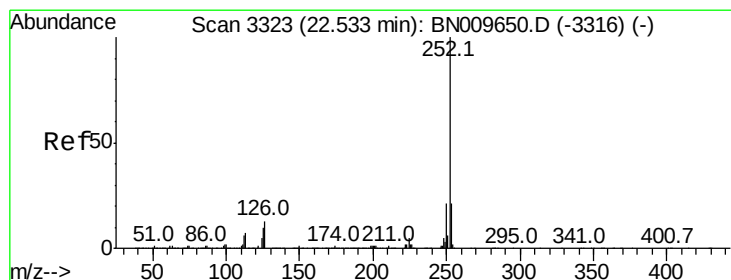
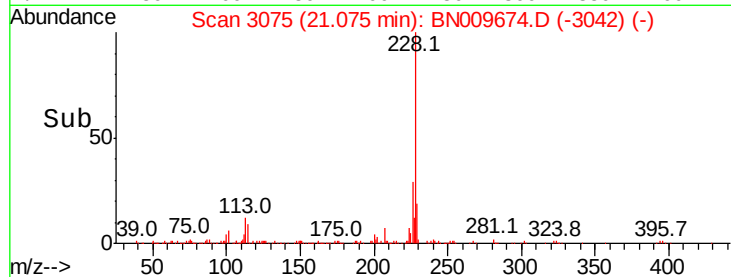
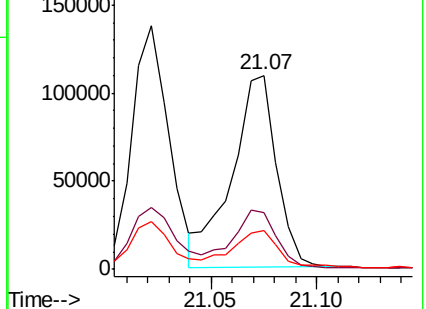
229 20.1 15.8 23.8



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

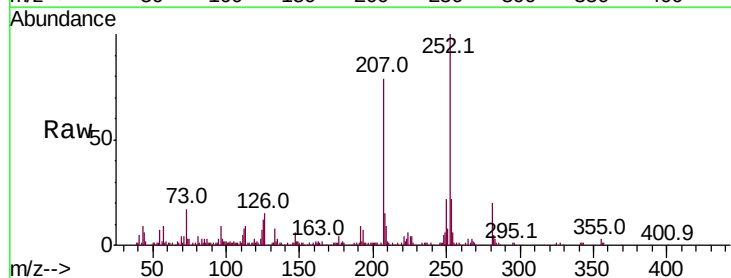
Tgt Ion:252 Resp: 197182

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

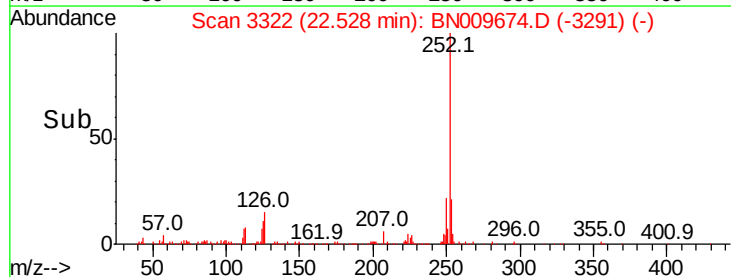
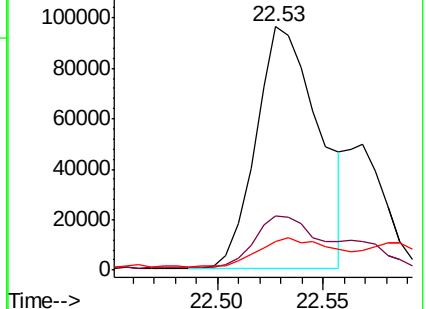
125 11.9 8.2 12.2

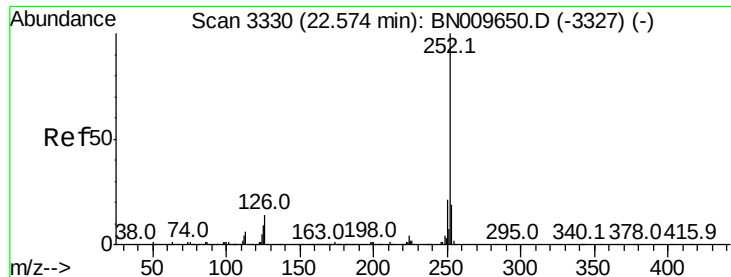


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

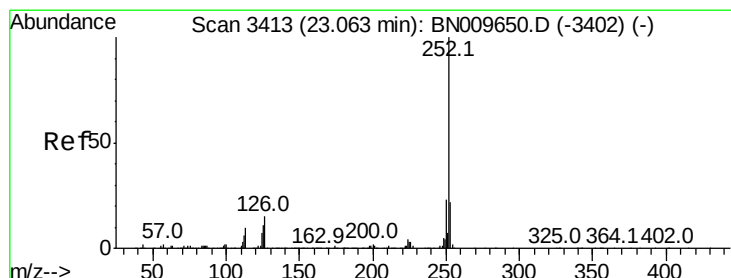
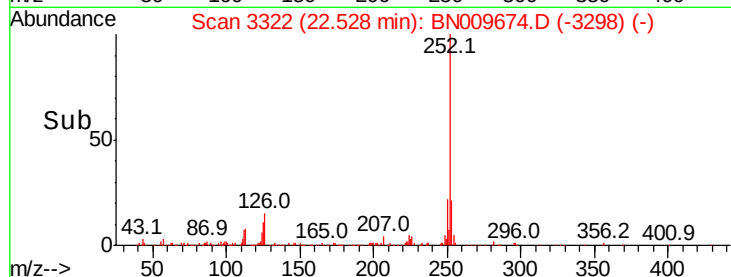
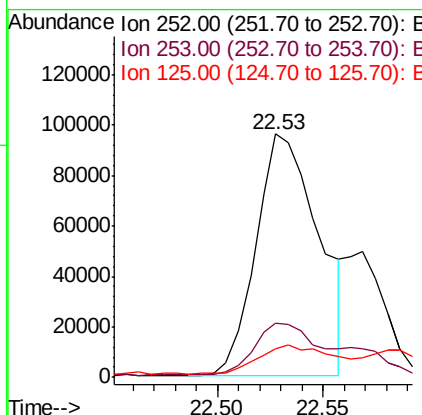
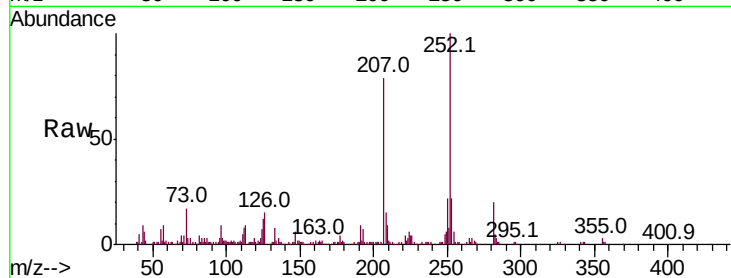




#88
Benzo(k)fluoranthene
Concen: 3.684 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. -0.06 min
Lab File: BN009674.D
Acq: 08 Feb 2020 08:22

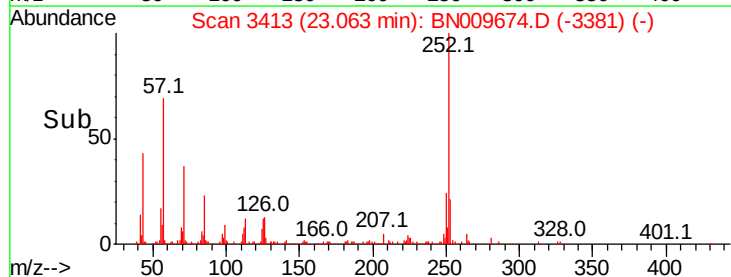
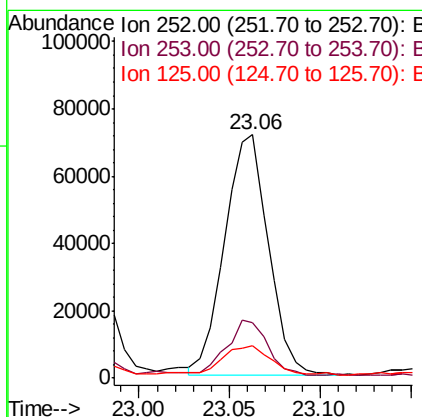
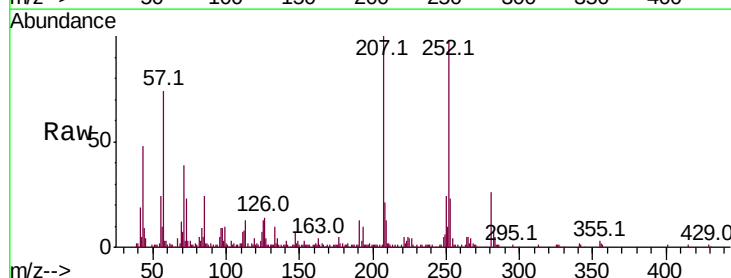
Instrument :
BNA_N
ClientSampleId :

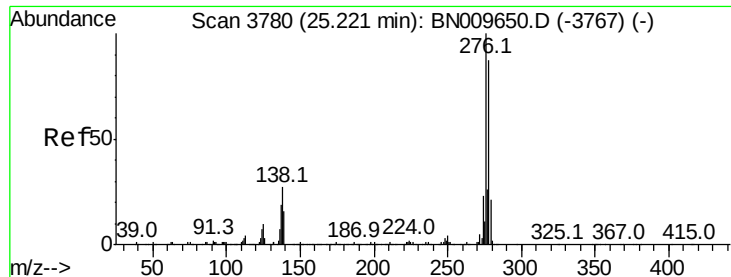
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	11.9	8.0	12.0



#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#



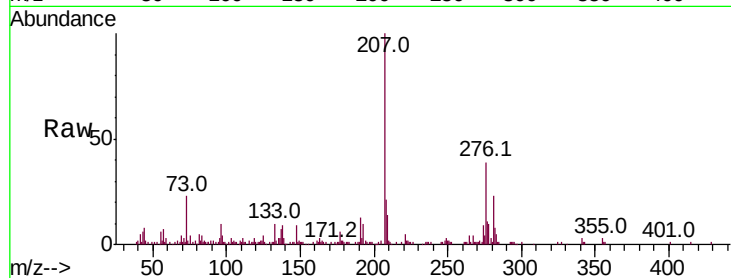


#91

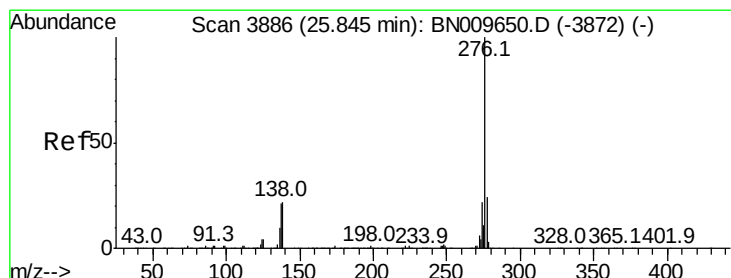
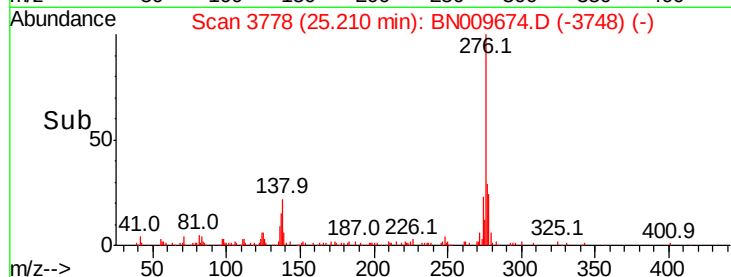
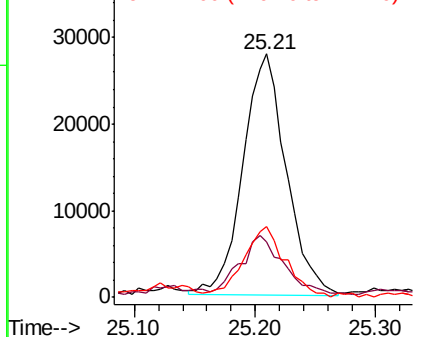
Indeno(1,2,3-cd)pyrene
Concen: 1.171 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.02 min
Lab File: BN009674.D
Acq: 08 Feb 2020 08:22

Instrument :
BNA_N
ClientSampleId :

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



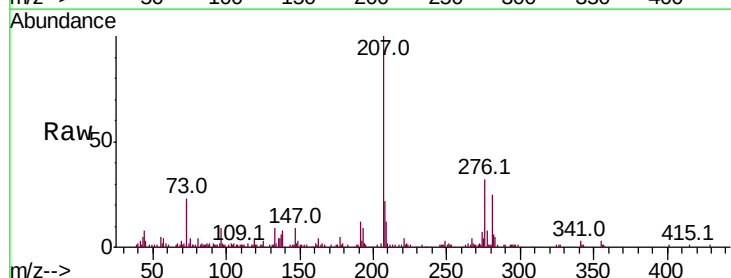
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#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

