

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009675.D
 Acq On : 08 Feb 2020 08:58
 Operator : CG/JU
 Sample : L1401-19
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6W0

Quant Time: Feb 10 02:42:49 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	142063	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	598832	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	375647	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	804395	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	768685	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	773543	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	10422	3.01	ng/uL	0.00
5) Phenol-d5	6.63	99	202443	16.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	143089	17.19	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	160582	17.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	160555	16.27	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	78686	17.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	86045	17.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	158813	17.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	210344	21.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	503335	18.35	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	601045	18.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	68102	13.15	ng/ul	0.00
57) Fluorene-d10	15.07	176	436809	18.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	61594	12.26	ng/ul	0.00
70) Anthracene-d10	16.92	188	661871	18.11	ng/ul	0.00
78) Pyrene-d10	19.23	212	757003	18.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	758420	19.91	ng/ul	0.00

Target Compounds

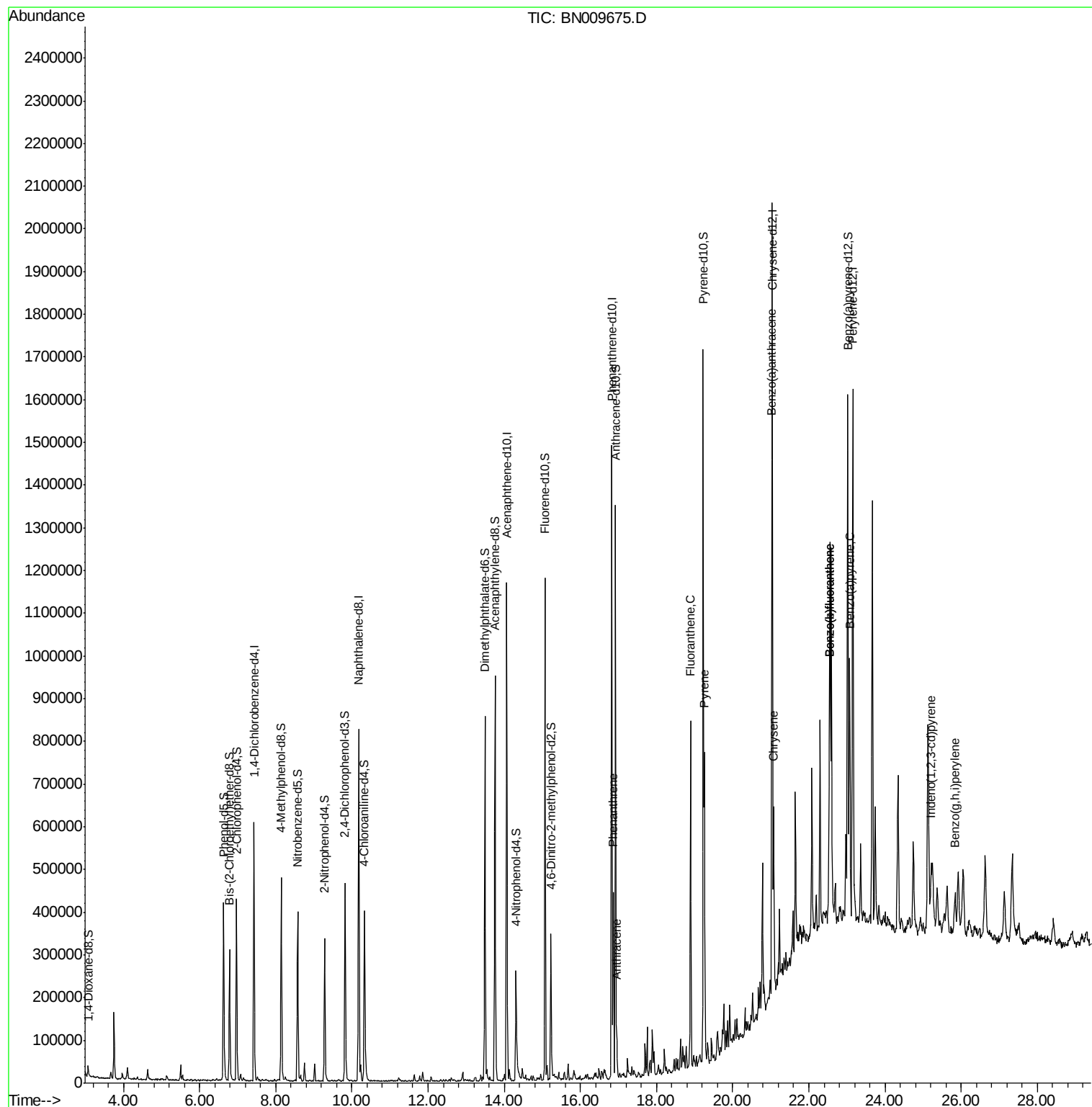
					Ovalue
69) Phenanthrene	16.86	178	237744	5.183	ng/ul 97
71) Anthracene	16.96	178	56021	1.204	ng/ul 97
76) Fluoranthene	18.89	202	449507	8.585	ng/ul 98
79) Pyrene	19.26	202	409176	7.292	ng/ul 98
82) Benzo(a)anthracene	21.02	228	234347	4.416	ng/ul 96
84) Chrysene	21.07	228	211974	4.012	ng/ul 99
87) Benzo(b)fluoranthene	22.53	252	286945	5.929	ng/ul 98
88) Benzo(k)fluoranthene	22.53	252	286945	6.020	ng/ul 98
90) Benzo(a)pyrene	23.06	252	180623	4.028	ng/ul# 94
91) Indeno(1,2,3-cd)pyrene	25.22	276	104387	1.958	ng/ul 94
93) Benzo(g,h,i)perylene	25.84	276	101260	2.266	ng/ul# 92

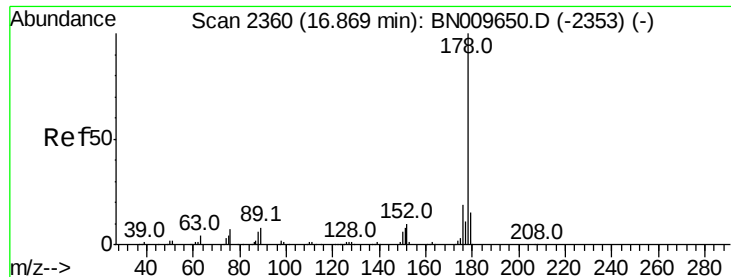
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#69

Phenanthrene

Concen: 5.183 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BN009675.D

Acq: 08 Feb 2020 08:58

Instrument :

BNA_N

ClientSampleId :

CB6W0

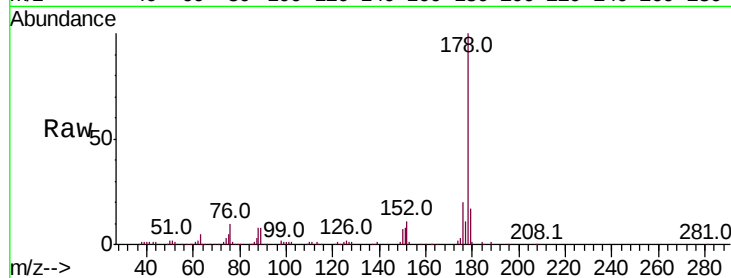
Tot Ion:178 Resp: 237744

Ion Ratio Lower Upper

178 100

179 16.6 12.2 18.2

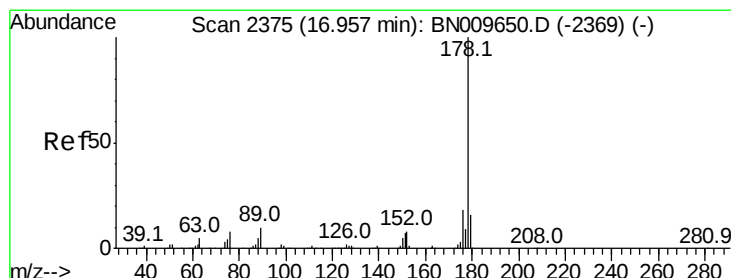
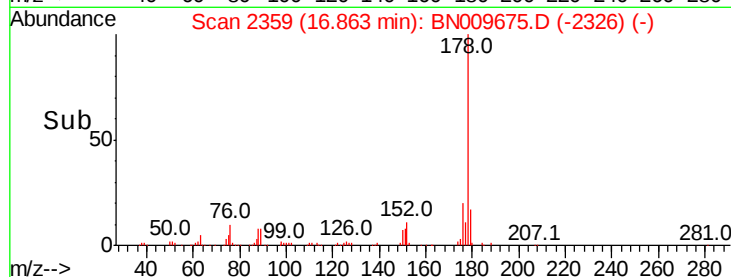
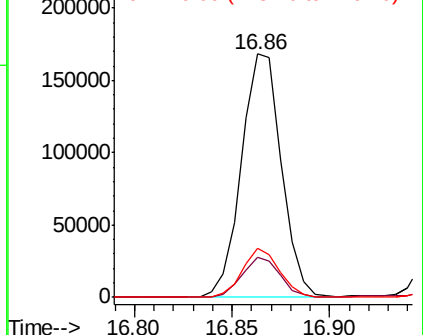
176 19.9 14.8 22.2



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



#71

Anthracene

Concen: 1.204 ng/ul

RT: 16.96 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BN009675.D

Acq: 08 Feb 2020 08:58

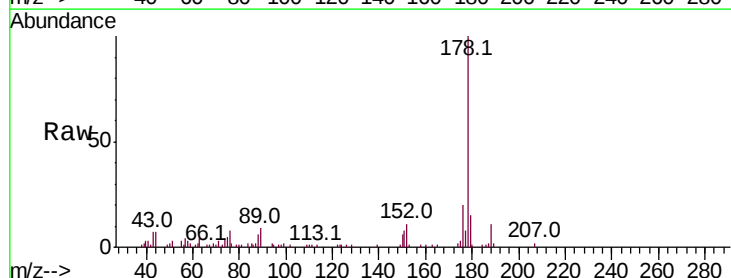
Tgt Ion:178 Resp: 56021

Ion Ratio Lower Upper

178 100

179 14.7 12.1 18.1

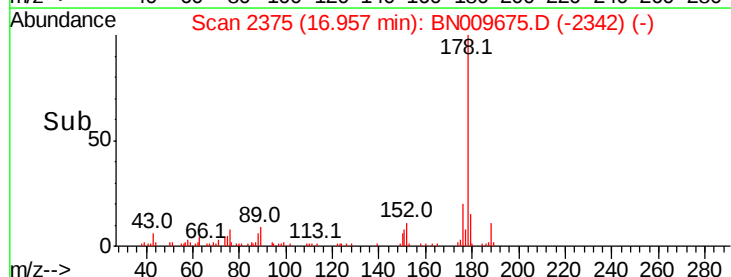
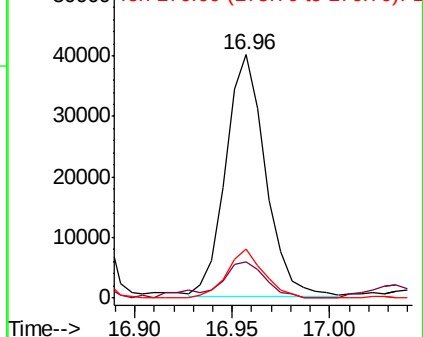
176 19.9 14.6 21.8

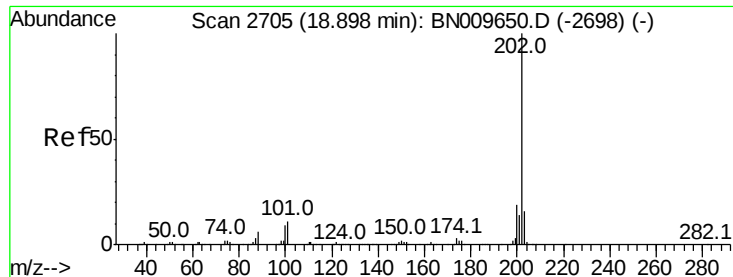


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 8.585 ng/ul

RT: 18.89 min Scan# 2704

Delta R.T. -0.01 min

Lab File: BN009675.D

Acq: 08 Feb 2020 08:58

Instrument :

BNA_N

ClientSampleId :

CB6W0

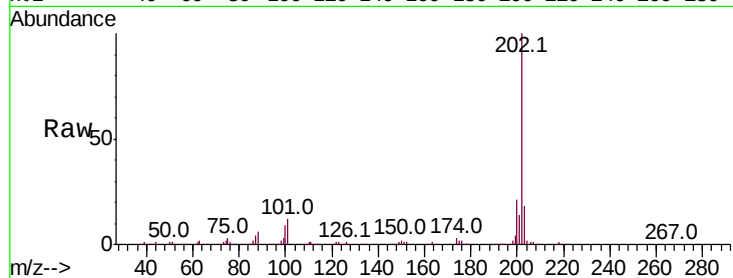
Tot Ion:202 Resp: 449507

Ion Ratio Lower Upper

202 100

101 12.2 9.2 13.8

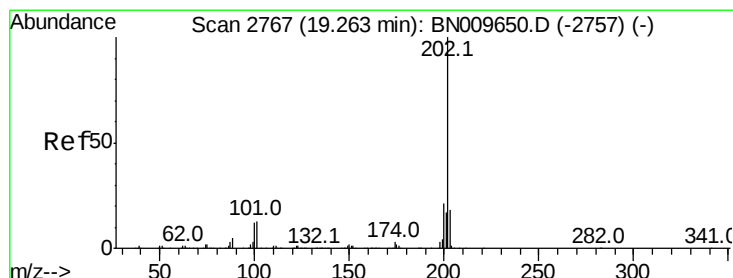
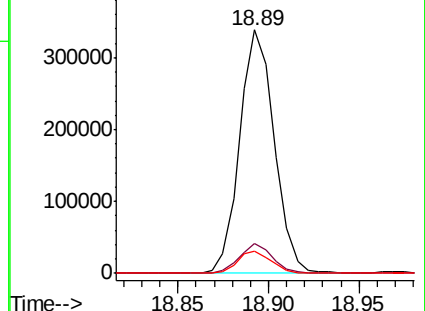
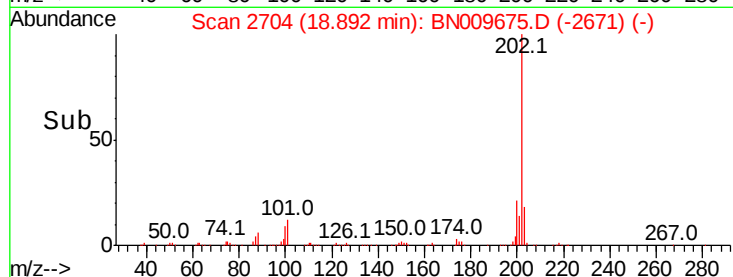
100 9.2 6.9 10.3



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: 7.292 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BN009675.D

Acq: 08 Feb 2020 08:58

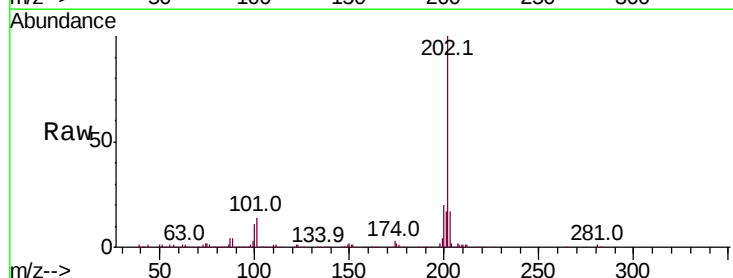
Tgt Ion:202 Resp: 409176

Ion Ratio Lower Upper

202 100

101 13.8 10.3 15.5

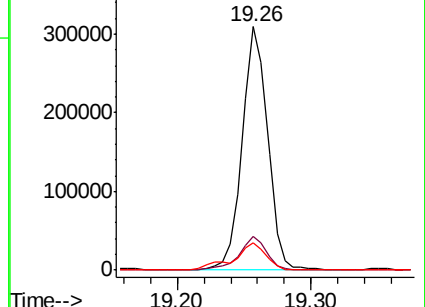
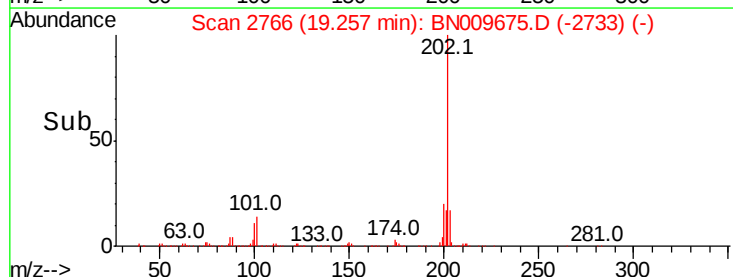
100 11.3 8.4 12.6

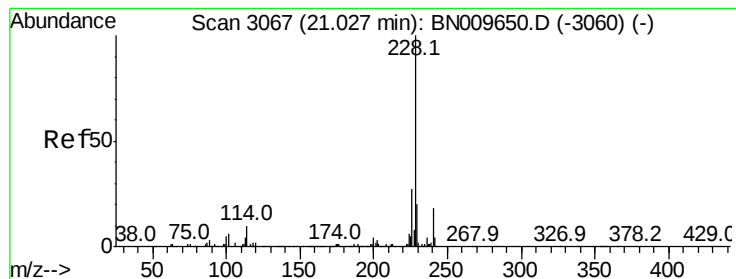


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 4.416 ng/ul

RT: 21.02 min Scan# 3066

Delta R.T. -0.01 min

Lab File: BN009675.D

Acq: 08 Feb 2020 08:58

Instrument :

BNA_N

ClientSampleId :

CB6W0

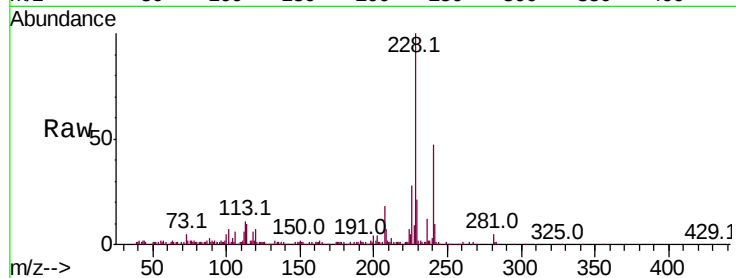
Tot Ion:228 Resp: 234347

Ion Ratio Lower Upper

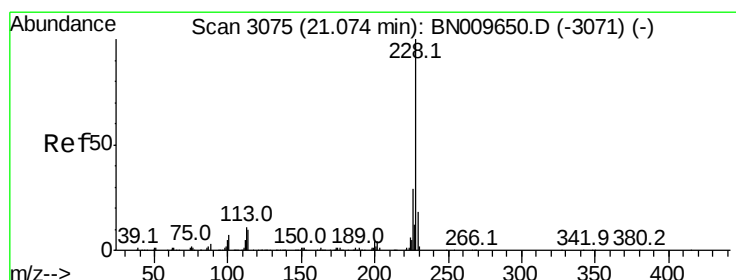
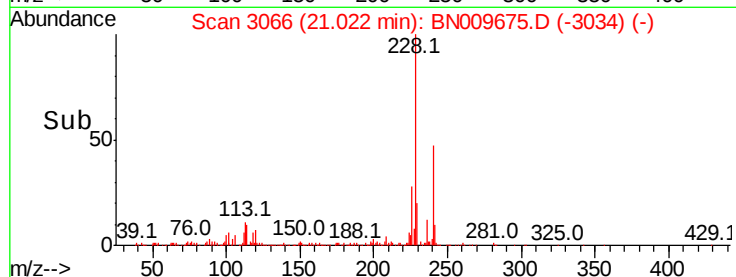
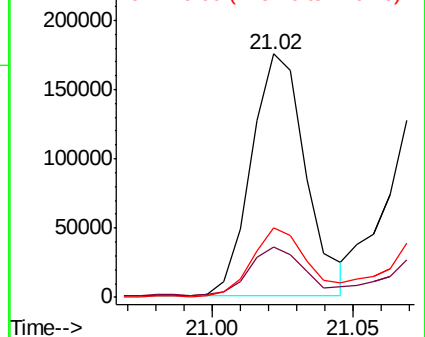
228 100

229 20.5 15.0 22.4

226 28.5 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: 4.012 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009675.D

Acq: 08 Feb 2020 08:58

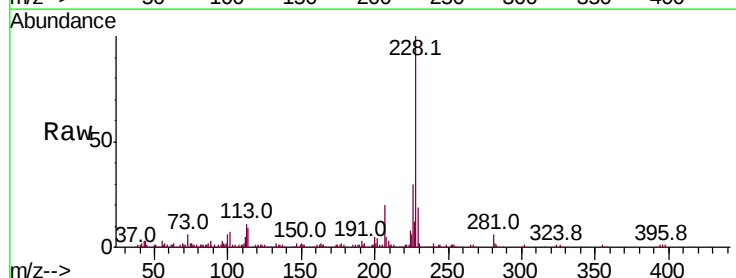
Tgt Ion:228 Resp: 211974

Ion Ratio Lower Upper

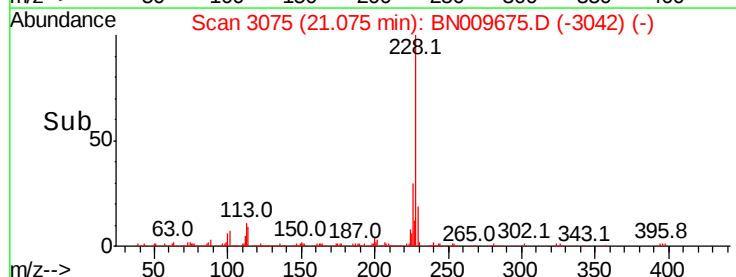
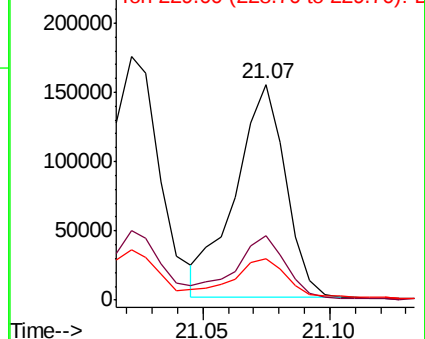
228 100

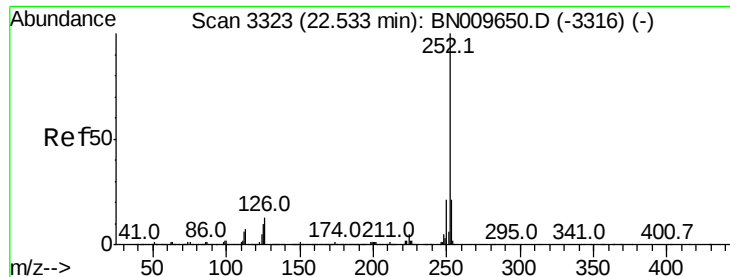
226 30.1 23.5 35.3

229 19.1 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: 5.929 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BN009675.D

Acq: 08 Feb 2020 08:58

Instrument :

BNA_N

ClientSampleId :

CB6W0

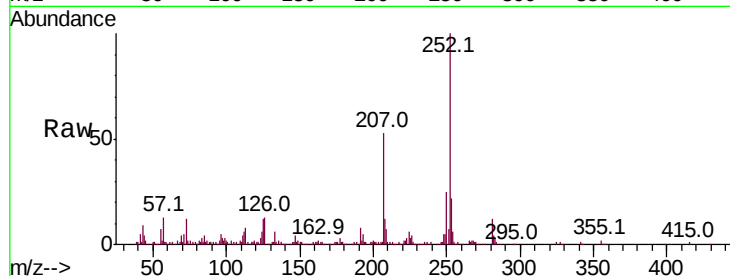
Tot Ion:252 Resp: 286945

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

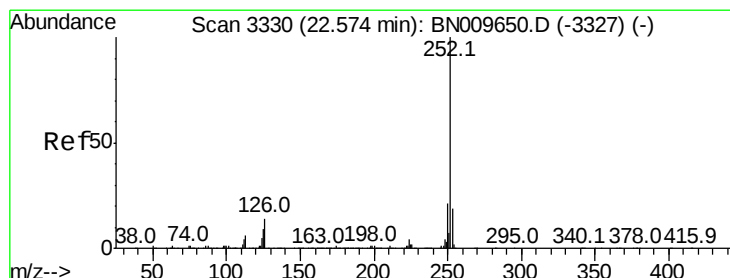
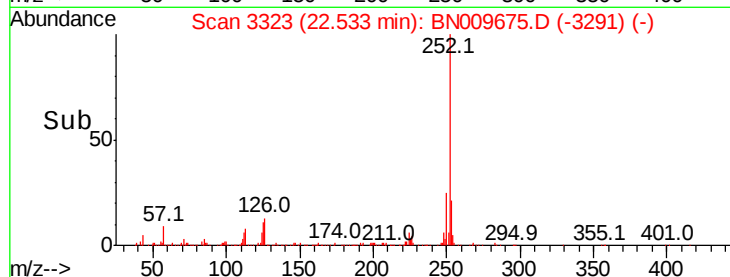
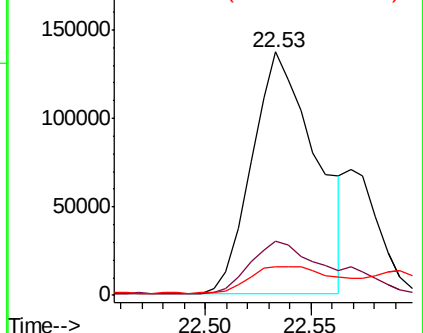
125 11.5 8.2 12.2



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: 6.020 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. -0.05 min

Lab File: BN009675.D

Acq: 08 Feb 2020 08:58

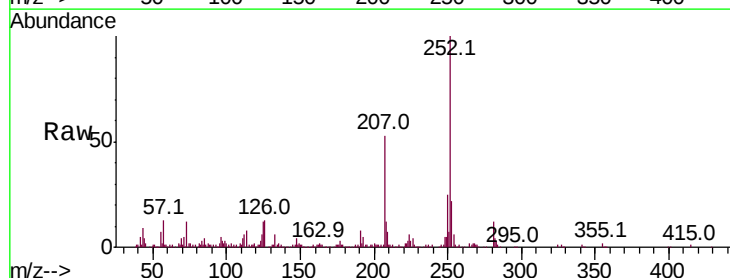
Tgt Ion:252 Resp: 286945

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

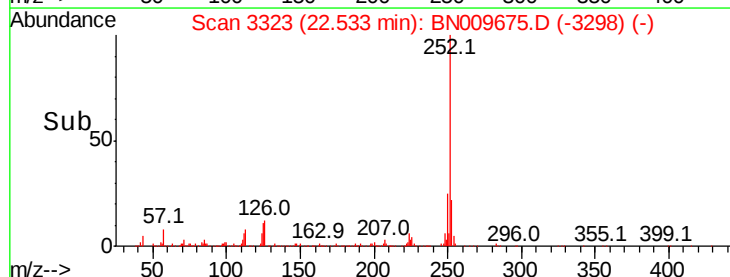
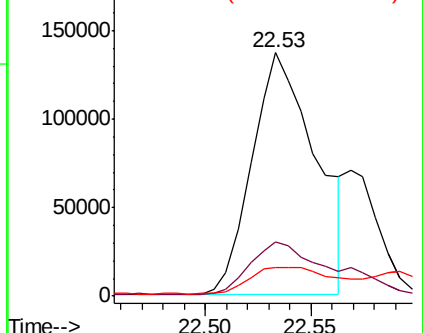
125 11.5 8.0 12.0

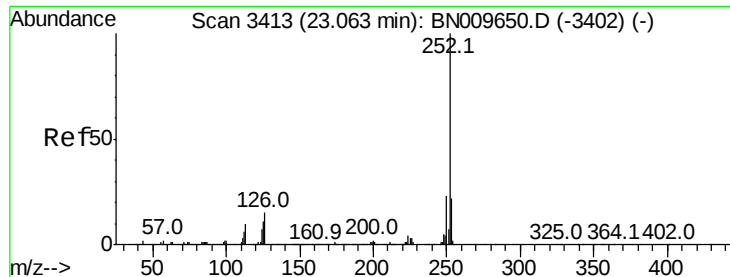


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 4.028 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN009675.D

Acq: 08 Feb 2020 08:58

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CB6W0

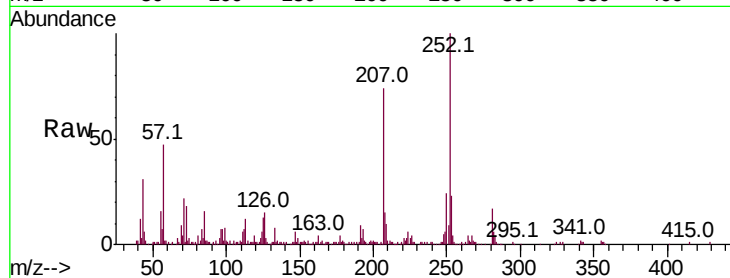
Tot Ion:252 Resp: 180623

Ion Ratio Lower Upper

252 100

253 22.8 15.8 23.8

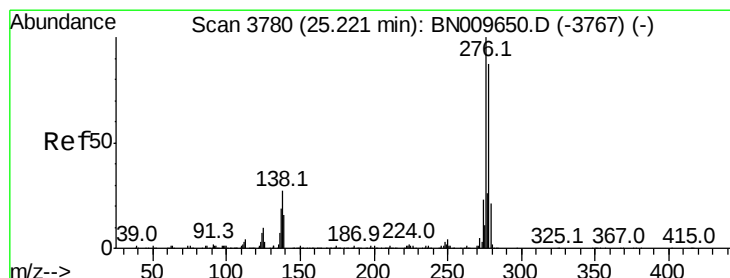
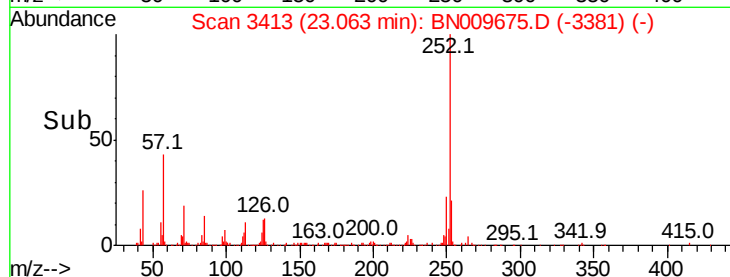
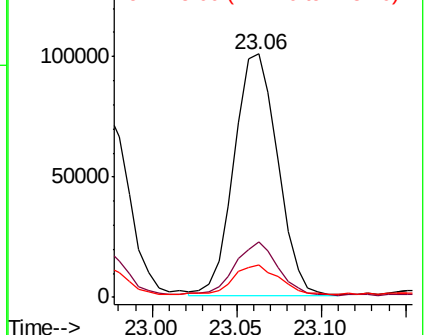
125 13.2 8.7 13.1#



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: 1.958 ng/ul

RT: 25.22 min Scan# 3779

Delta R.T. -0.02 min

Lab File: BN009675.D

Acq: 08 Feb 2020 08:58

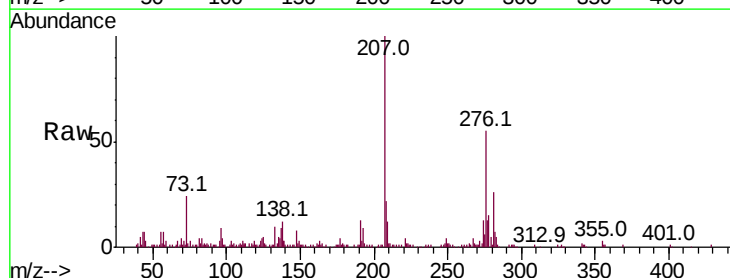
Tgt Ion:276 Resp: 104387

Ion Ratio Lower Upper

276 100

138 22.5 20.3 30.5

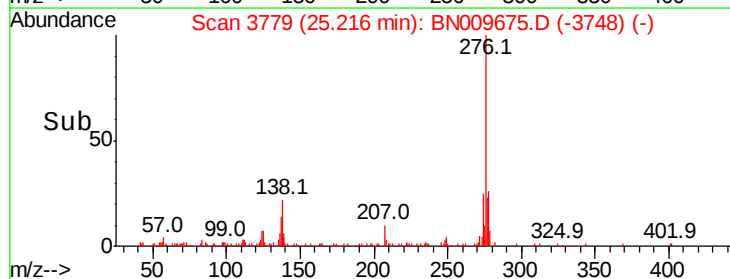
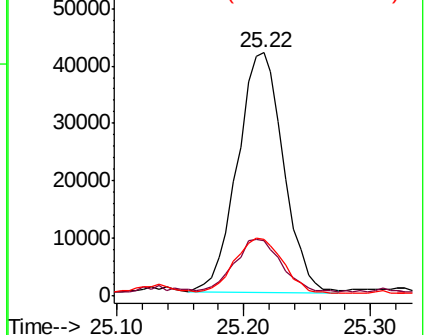
277 23.5 21.2 31.8

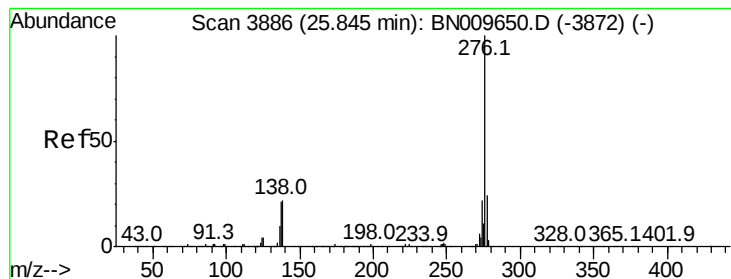


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.266 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.02 min

Lab File: BN009675.D

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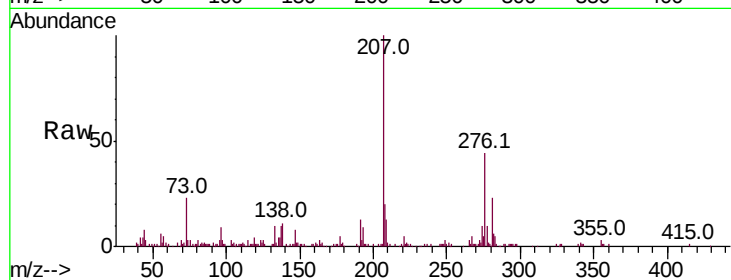
Tot Ion:276 Resp: 101260

Ion Ratio Lower Upper

276 100

138 24.6 16.0 24.0#

277 23.7 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

