

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009661.D
 Acq On : 08 Feb 2020 00:01
 Operator : CG/JU
 Sample : L1401-06
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6J9

Quant Time: Feb 08 01:29:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 23:20:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	163218	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	696038	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	424253	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	870718	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	795649	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	799302	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	12889	3.24	ng/uL	0.00
5) Phenol-d5	6.63	99	269752	18.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	188301	19.69	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	206302	19.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	201842	17.80	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	103449	19.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	116932	20.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	196098	18.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	272180	23.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	652763	21.08	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	795559	21.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	93280	15.95	ng/ul	0.00
57) Fluorene-d10	15.07	176	570386	20.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	89504	16.46	ng/ul	0.00
70) Anthracene-d10	16.92	188	848745	21.45	ng/ul	0.00
78) Pyrene-d10	19.23	212	969901	23.19	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	931039	23.66	ng/ul	-0.01

Target Compounds

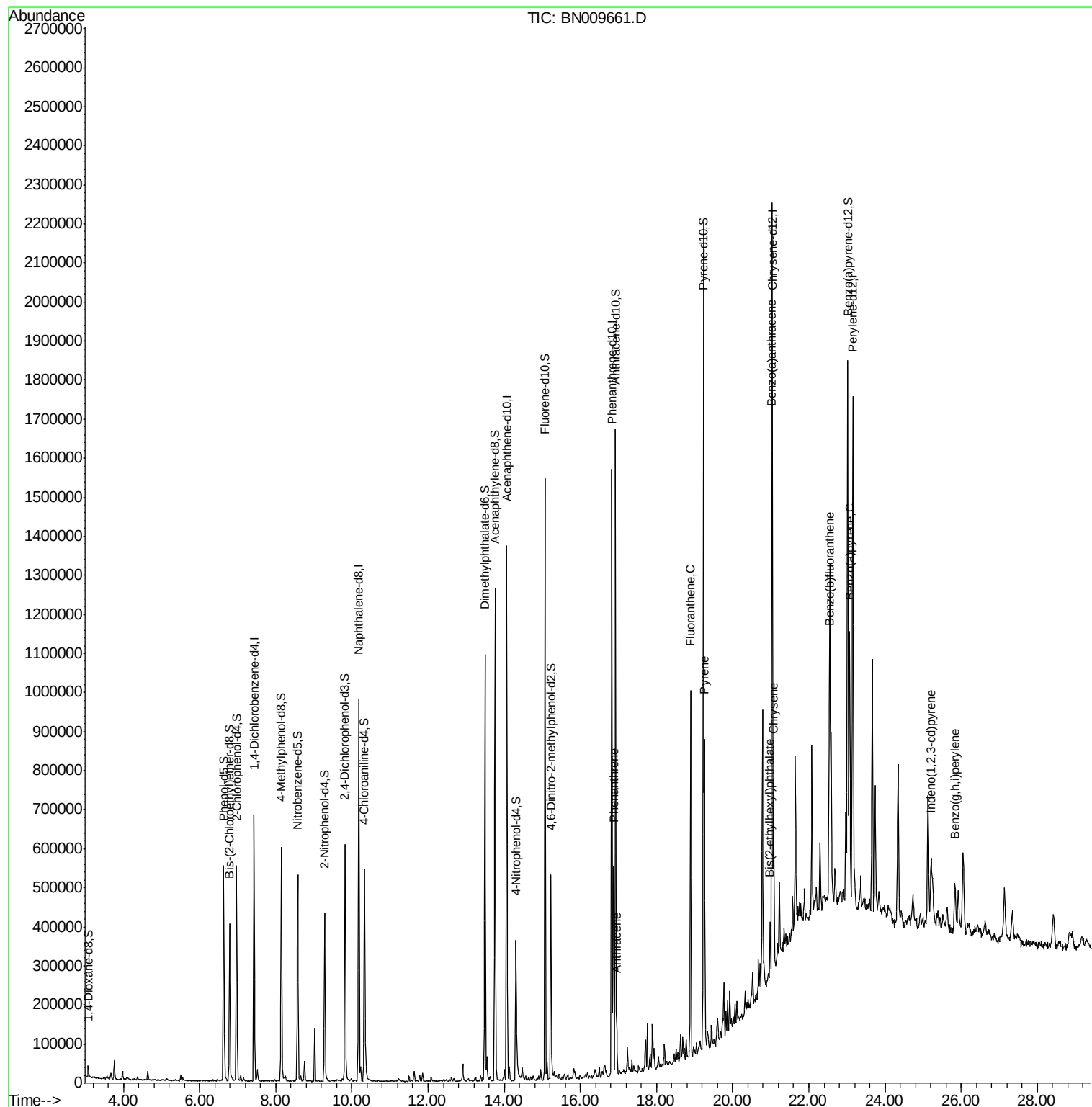
					Ovalue	
69) Phenanthrene	16.87	178	296855	5.978	ng/ul	100
71) Anthracene	16.96	178	62044	1.231	ng/ul	98
76) Fluoranthene	18.89	202	512843	9.049	ng/ul	98
79) Pyrene	19.26	202	438711	7.553	ng/ul	94
82) Benzo(a)anthracene	21.02	228	257546	4.688	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	20.98	149	38464	1.097	ng/ul	97
84) Chrysene	21.07	228	245880	4.496	ng/ul	98
87) Benzo(b)fluoranthene	22.53	252	313542	6.270	ng/ul#	98
90) Benzo(a)pyrene	23.06	252	196776	4.247	ng/ul	94
91) Indeno(1,2,3-cd)pyrene	25.21	276	136207	2.473	ng/ul	95
93) Benzo(g,h,i)perylene	25.83	276	125312	2.714	ng/ul	95

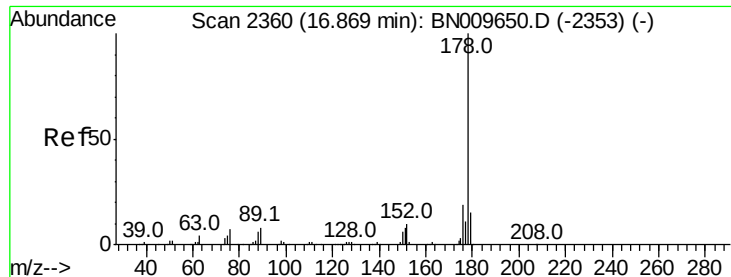
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#69

Phenanthrene

Concen: 5.978 ng/ul

RT: 16.87 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

Instrument :

BNA_N

ClientSampleId :

CB6J9

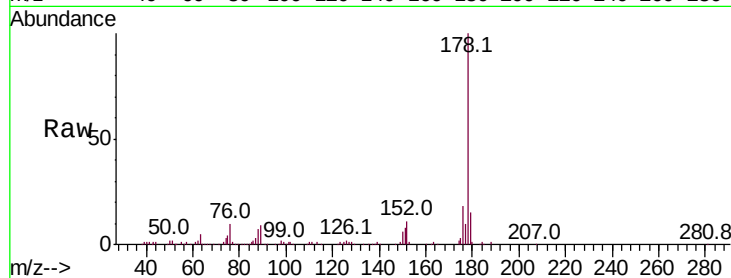
Tot Ion:178 Resp: 296855

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

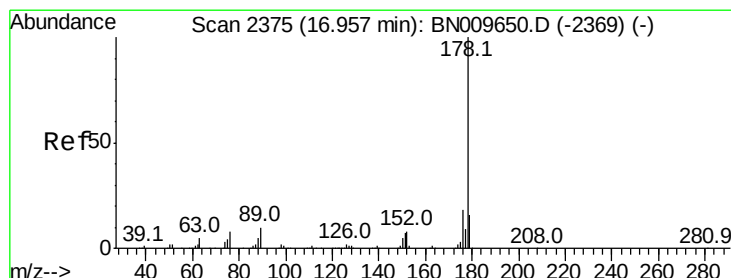
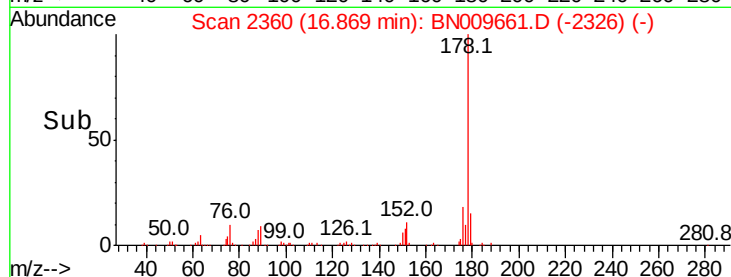
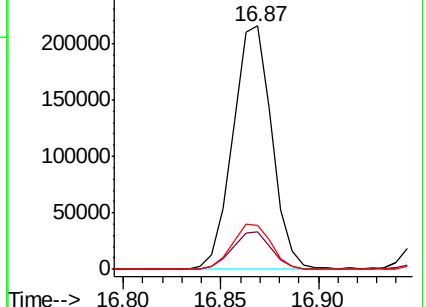
176 18.1 14.8 22.2



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: 1.231 ng/ul

RT: 16.96 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

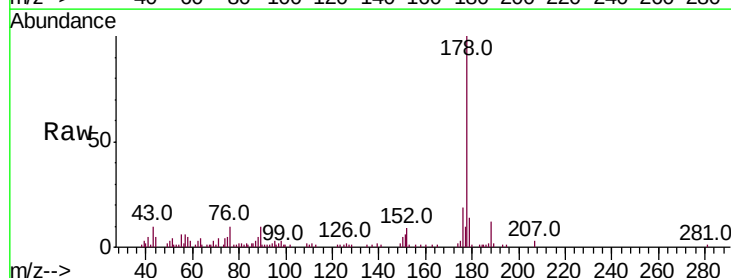
Tgt Ion:178 Resp: 62044

Ion Ratio Lower Upper

178 100

179 14.3 12.1 18.1

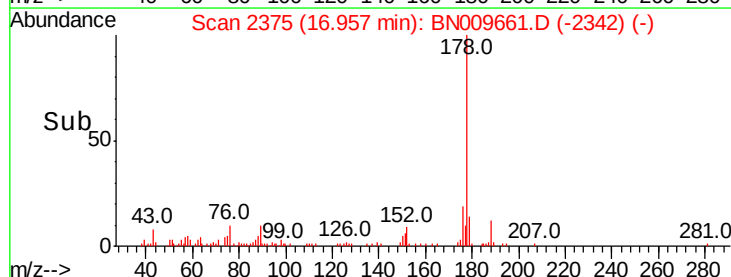
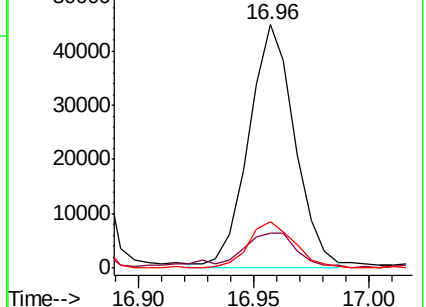
176 19.1 14.6 21.8

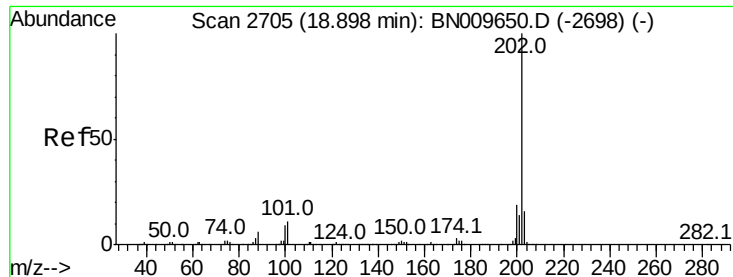


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 9.049 ng/ul

RT: 18.89 min Scan# 2704

Delta R.T. -0.01 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

Instrument :

BNA_N

ClientSampleId :

CB6J9

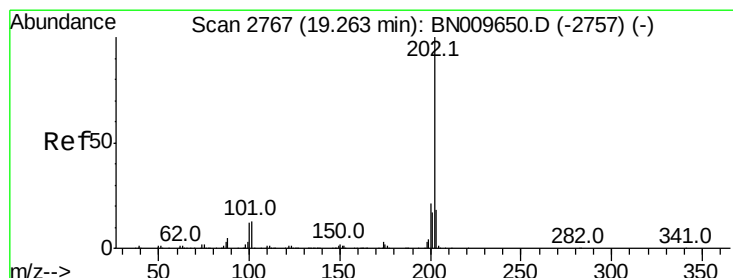
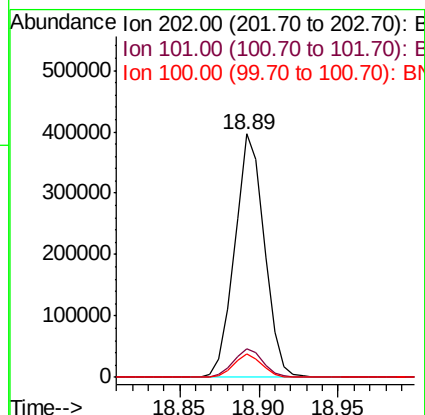
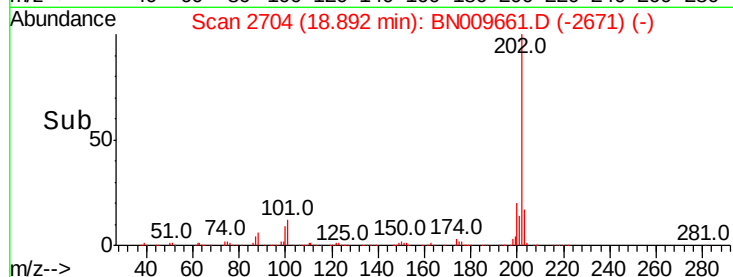
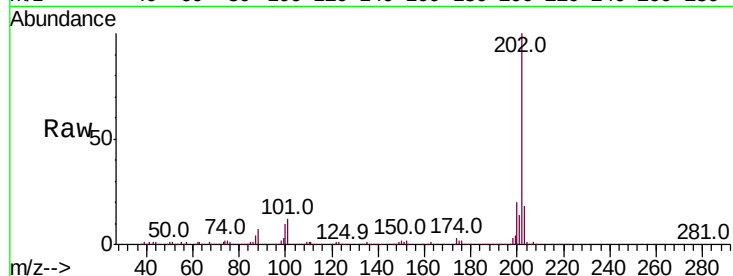
Tot Ion:202 Resp: 512843

Ion Ratio Lower Upper

202 100

101 11.8 9.2 13.8

100 9.5 6.9 10.3



#79

Pyrene

Concen: 7.553 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

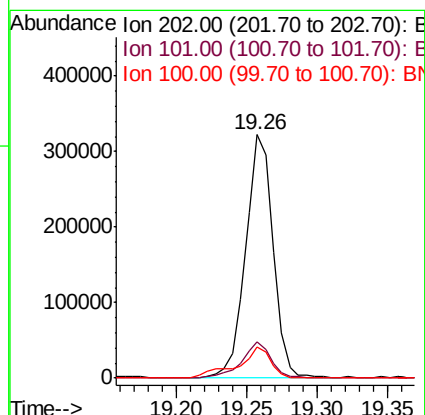
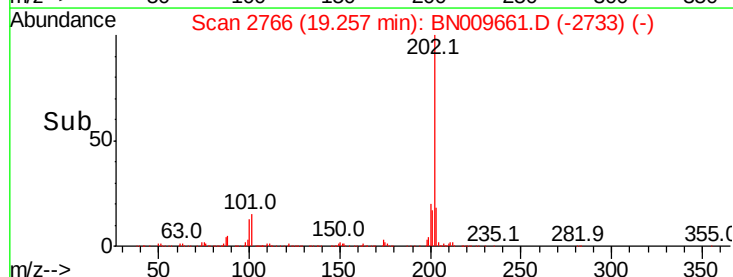
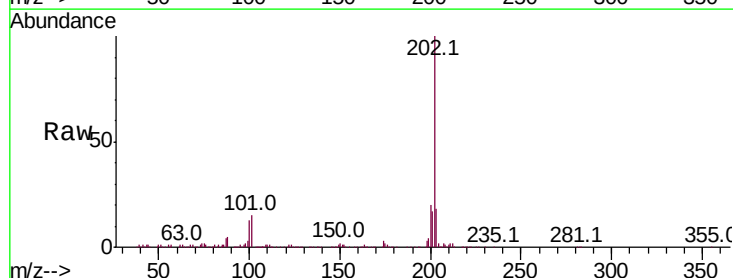
Tgt Ion:202 Resp: 438711

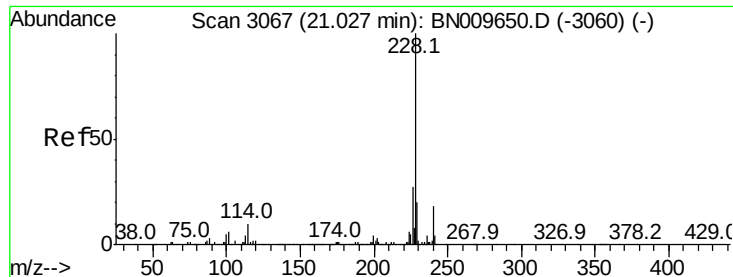
Ion Ratio Lower Upper

202 100

101 15.1 10.3 15.5

100 12.6 8.4 12.6





#82

Benzo(a)anthracene

Concen: 4.688 ng/ul

RT: 21.02 min Scan# 3066

Delta R.T. -0.01 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

Instrument :

BNA_N

ClientSampled :

CB6J9

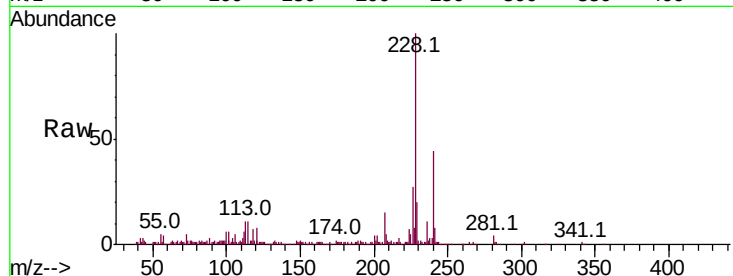
Tot Ion:228 Resp: 257546

Ion Ratio Lower Upper

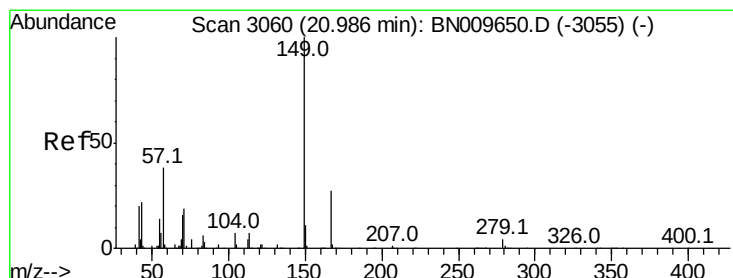
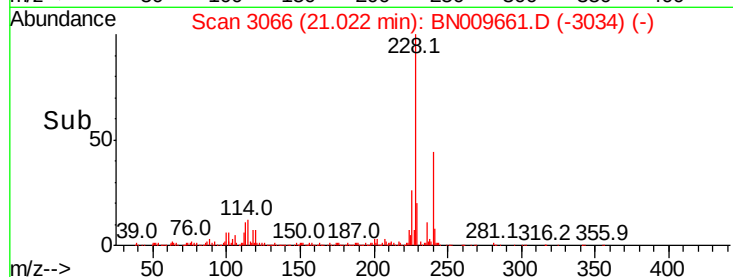
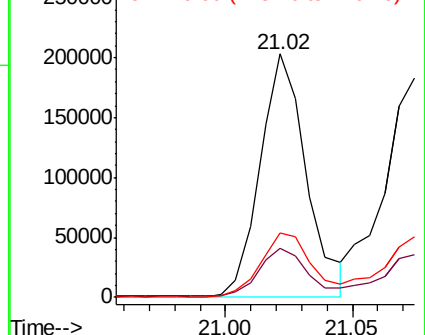
228 100

229 20.3 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



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.097 ng/ul

RT: 20.98 min Scan# 3059

Delta R.T. -0.01 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

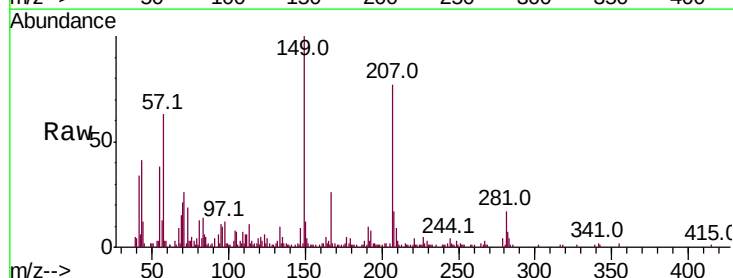
Tgt Ion:149 Resp: 38464

Ion Ratio Lower Upper

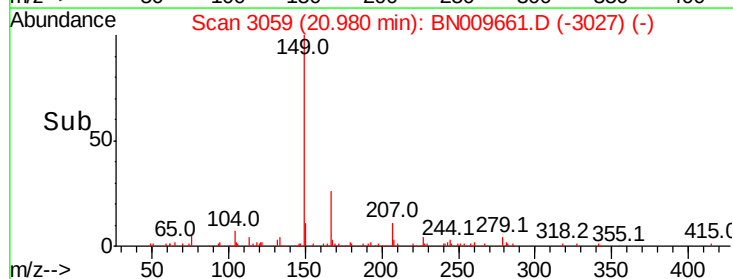
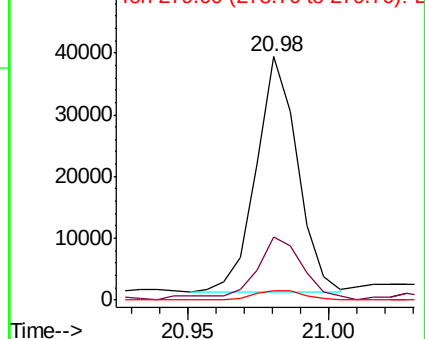
149 100

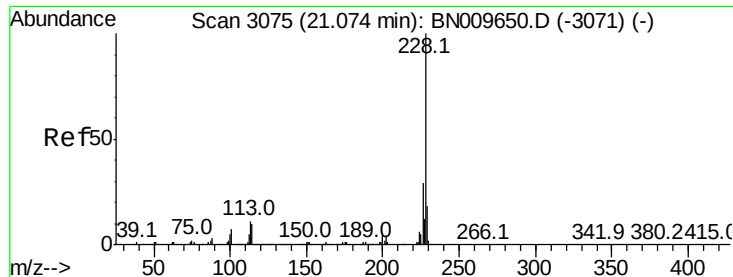
167 26.1 22.1 33.1

279 3.7 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 4.496 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

Instrument :

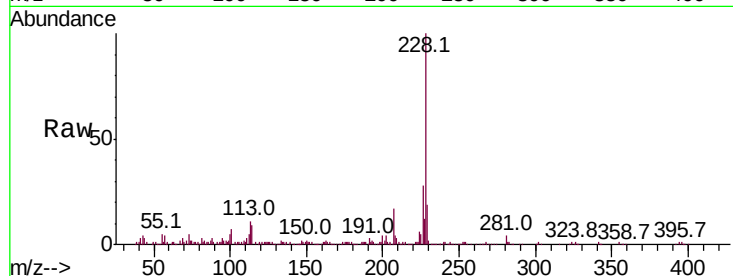
BNA_N

ClientSampleId :

CB6J9

Tot Ion:228 Resp: 245880

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.5	35.3
229	19.3	15.8	23.8



Abundance

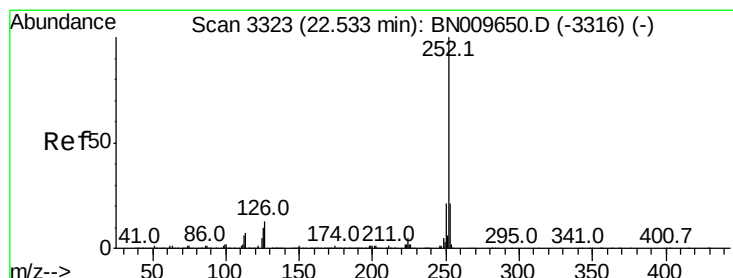
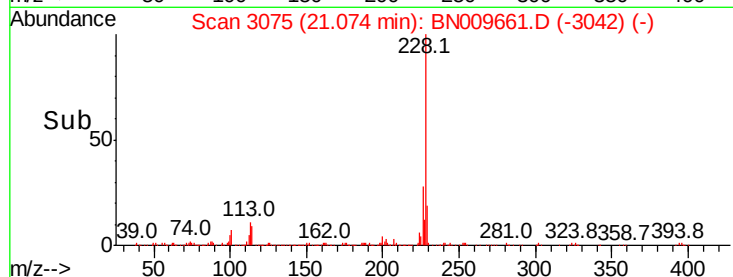
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.07

Time-->



#87

Benzo(b)fluoranthene

Concen: 6.270 ng/ul

RT: 22.53 min Scan# 3323

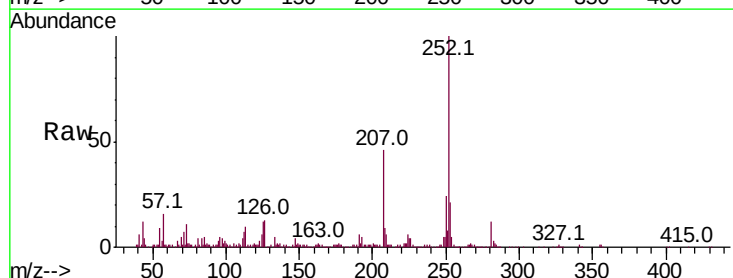
Delta R.T. -0.01 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

Tgt Ion:252 Resp: 313542

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	12.3	8.2	12.2#



Abundance

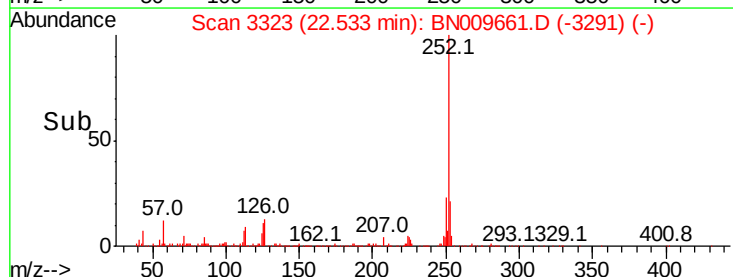
Ion 252.00 (251.70 to 252.70): E

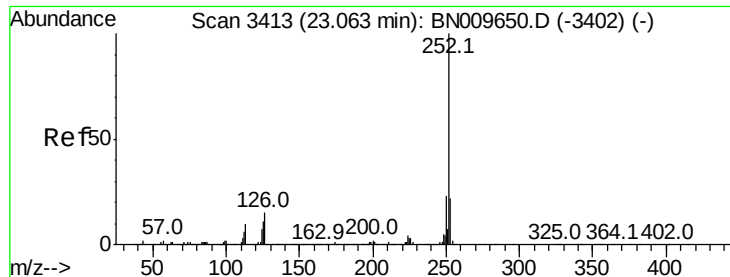
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

22.53

Time-->





#90

Benzo(a)pyrene

Concen: 4.247 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

Instrument :

BNA_N

ClientSampleId :

CB6J9

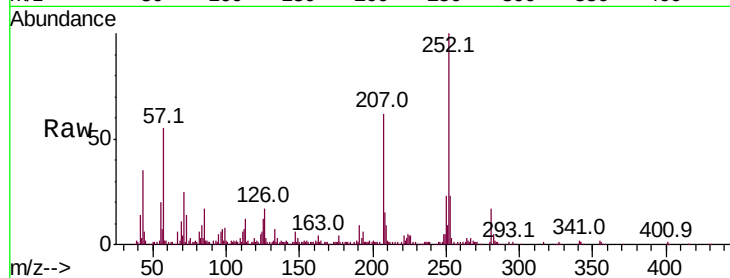
Tot Ion:252 Resp: 196776

Ion Ratio Lower Upper

252 100

253 23.0 15.8 23.8

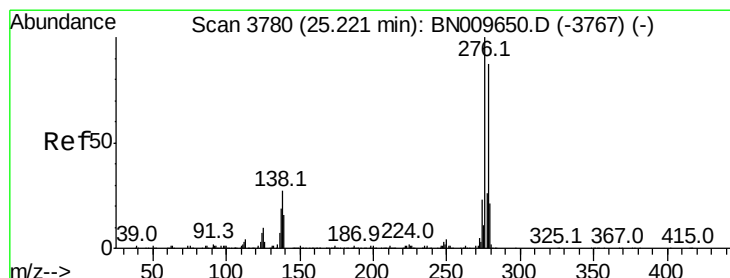
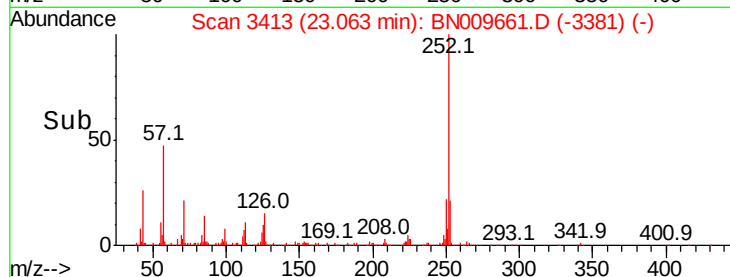
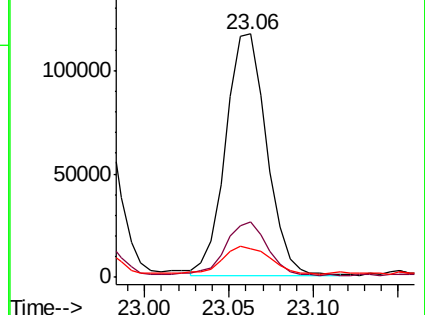
125 12.0 8.7 13.1



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: 2.473 ng/ul

RT: 25.21 min Scan# 3778

Delta R.T. -0.02 min

Lab File: BN009661.D

Acq: 08 Feb 2020 00:01

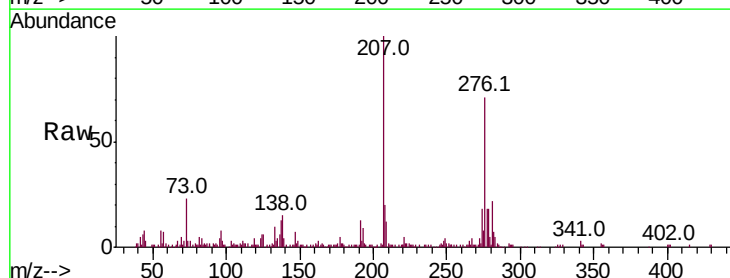
Tgt Ion:276 Resp: 136207

Ion Ratio Lower Upper

276 100

138 21.4 20.3 30.5

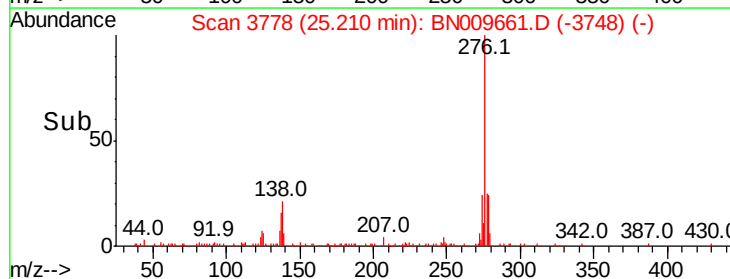
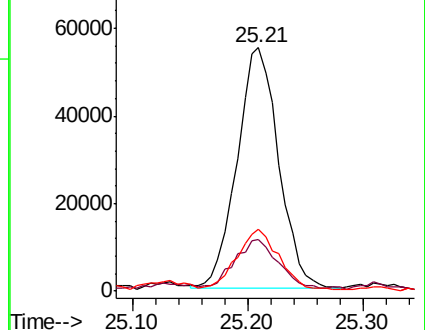
277 25.5 21.2 31.8

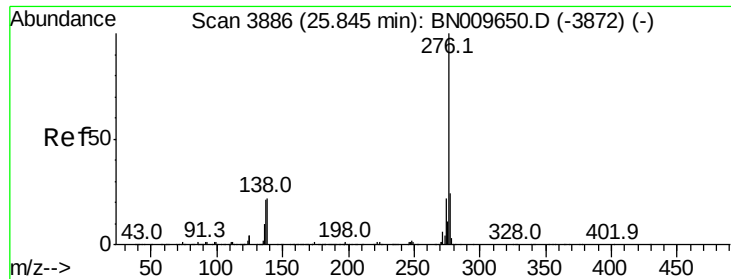


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.714 ng/ul

RT: 25.83 min Scan# 3884

Delta R.T. -0.02 min

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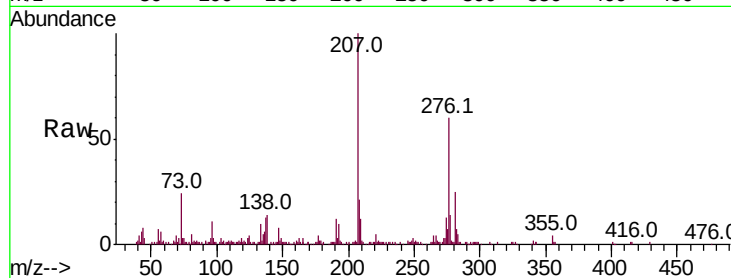
Tot Ion:276 Resp: 125312

Ion Ratio Lower Upper

276 100

138 23.0 16.0 24.0

277 23.2 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

