

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009663.D
 Acq On : 08 Feb 2020 01:13
 Operator : CG/JU
 Sample : L1401-08
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6K1

Quant Time: Feb 08 03:10:54 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	149716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	634828	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	391051	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	801012	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	753174	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	746667	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	12209	3.35	ng/uL	0.00
5) Phenol-d5	6.63	99	248850	19.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	170177	19.40	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	195895	20.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	197561	19.00	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	97382	20.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	107372	20.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	189950	19.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	262207	24.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	591303	20.71	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	716141	20.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	86602	16.06	ng/ul	0.00
57) Fluorene-d10	15.07	176	517686	20.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	79600	15.91	ng/ul	0.00
70) Anthracene-d10	16.92	188	815716	22.41	ng/ul	0.00
78) Pyrene-d10	19.23	212	961647	24.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	927717	25.23	ng/ul	-0.01

Target Compounds

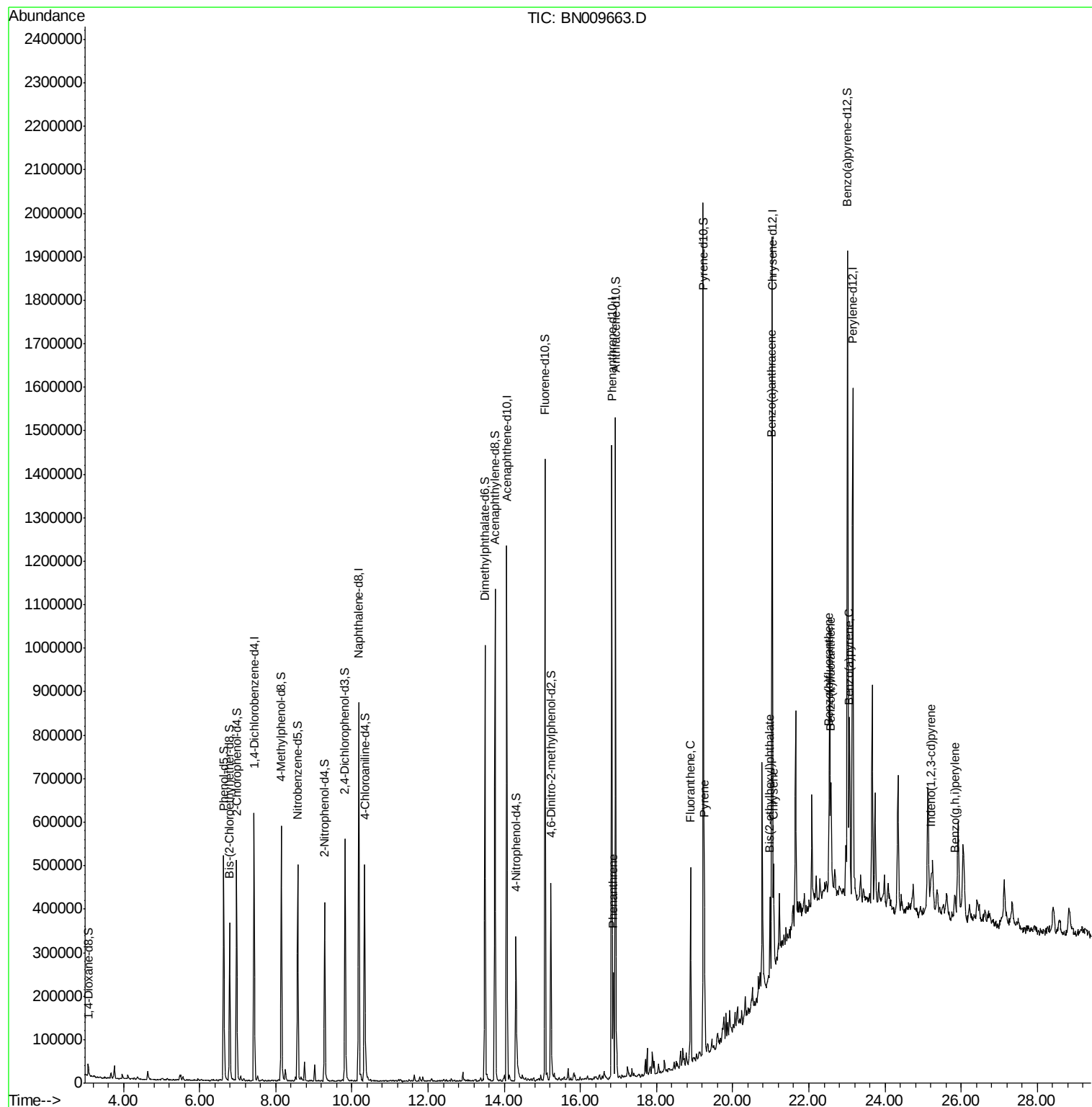
					Ovalue	
69) Phenanthrene	16.86	178	131874	2.887	ng/ul	98
76) Fluoranthene	18.89	202	250158	4.798	ng/ul	98
79) Pyrene	19.26	202	227592	4.139	ng/ul	97
82) Benzo(a)anthracene	21.02	228	133031	2.558	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	20.98	149	49028	1.477	ng/ul	98
84) Chrysene	21.07	228	125252	2.419	ng/ul	98
87) Benzo(b)fluoranthene	22.53	252	158051	3.383	ng/ul#	92
88) Benzo(k)fluoranthene	22.57	252	49245	1.070	ng/ul#	93
90) Benzo(a)pyrene	23.06	252	97036	2.242	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.22	276	62526	1.215	ng/ul#	92
93) Benzo(g,h,i)perylene	25.84	276	60843	1.411	ng/ul#	95

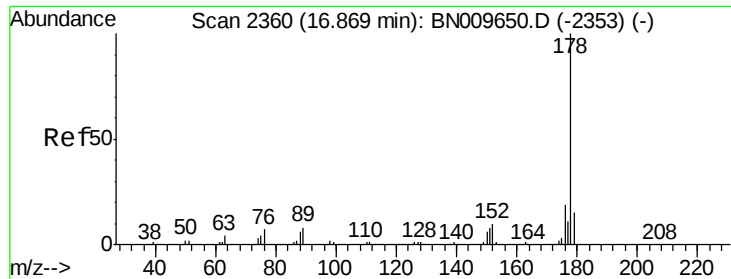
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#69

Phenanthrene

Concen: 2.887 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BN009663.D

Acq: 08 Feb 2020 01:13

Instrument :

BNA_N

ClientSampleId :

CB6K1

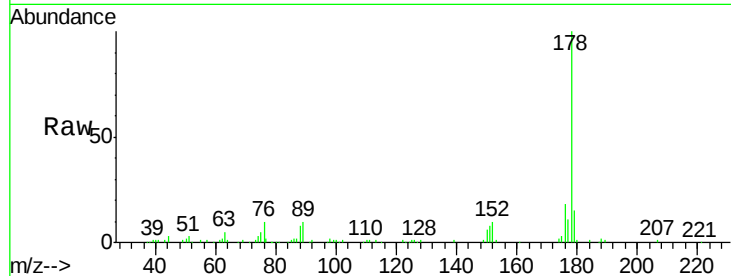
Tot Ion:178 Resp: 131874

Ion Ratio Lower Upper

178 100

179 14.7 12.2 18.2

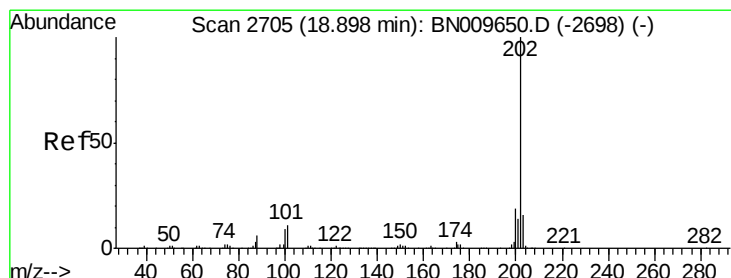
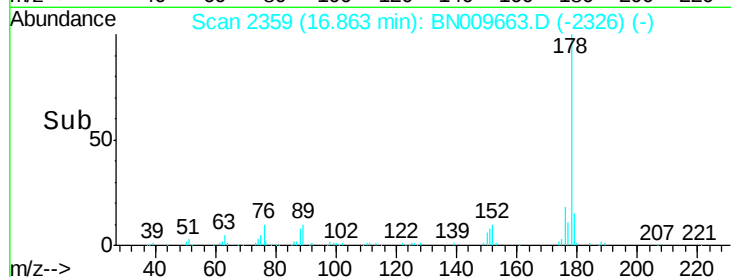
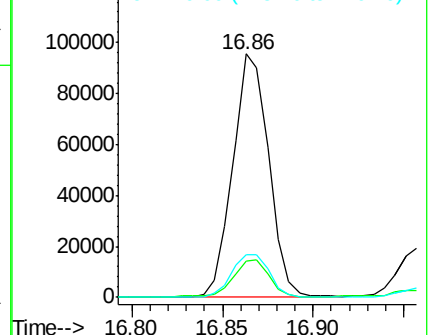
176 17.6 14.8 22.2



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: 4.798 ng/ul

RT: 18.89 min Scan# 2704

Delta R.T. -0.01 min

Lab File: BN009663.D

Acq: 08 Feb 2020 01:13

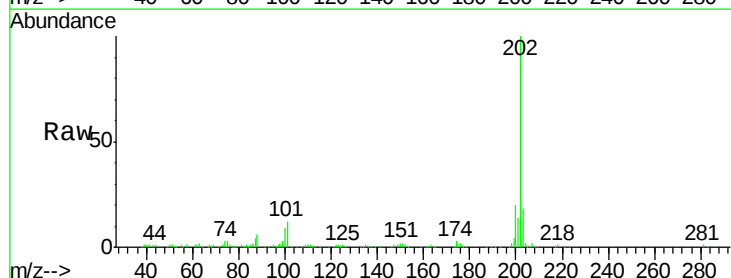
Tgt Ion:202 Resp: 250158

Ion Ratio Lower Upper

202 100

101 12.2 9.2 13.8

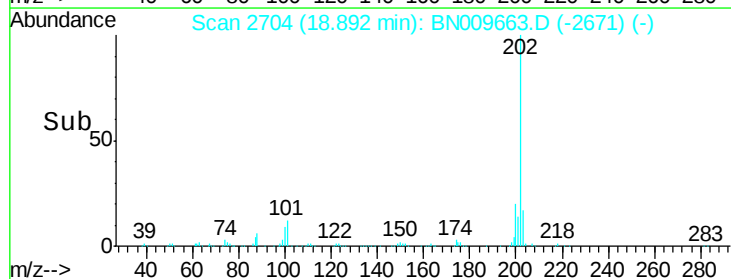
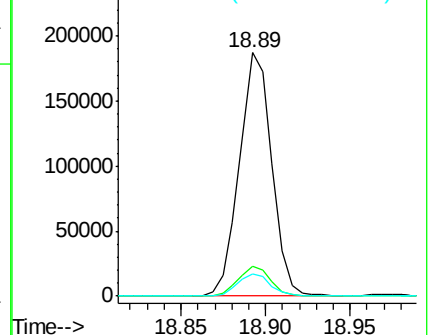
100 9.2 6.9 10.3

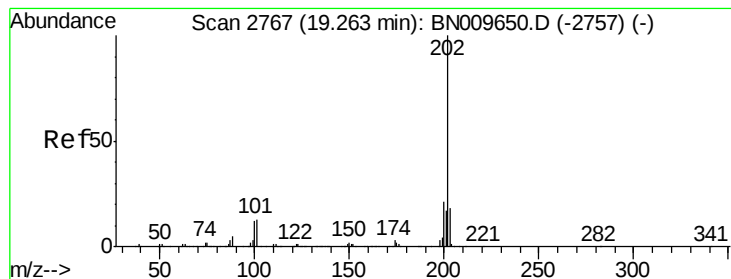


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 4.139 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BN009663.D

Acq: 08 Feb 2020 01:13

Instrument :

BNA_N

ClientSampleId :

CB6K1

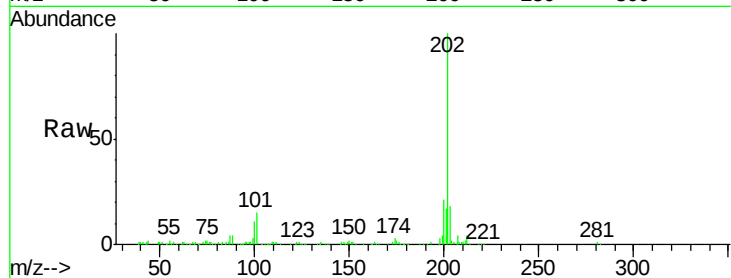
Tot Ion:202 Resp: 227592

Ion Ratio Lower Upper

202 100

101 14.7 10.3 15.5

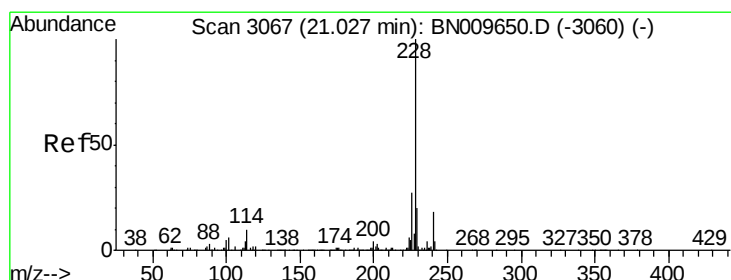
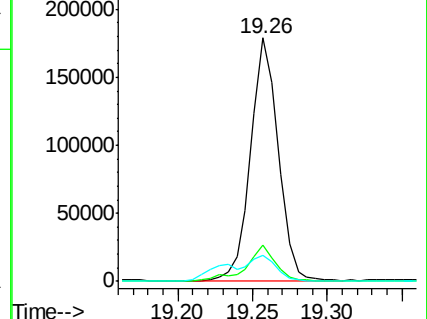
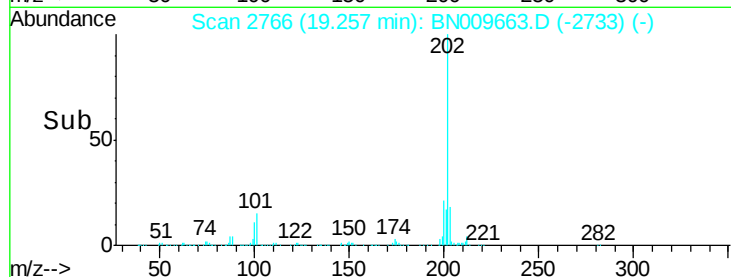
100 10.8 8.4 12.6



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: 2.558 ng/ul

RT: 21.02 min Scan# 3066

Delta R.T. -0.01 min

Lab File: BN009663.D

Acq: 08 Feb 2020 01:13

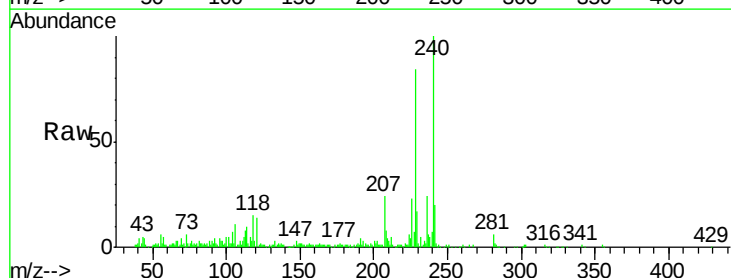
Tgt Ion:228 Resp: 133031

Ion Ratio Lower Upper

228 100

229 20.6 15.0 22.4

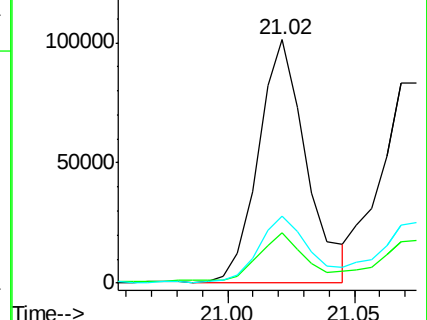
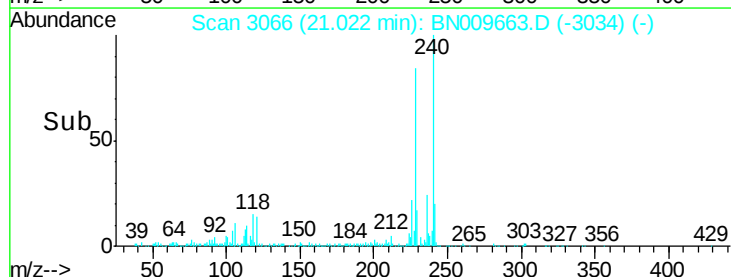
226 27.3 20.9 31.3

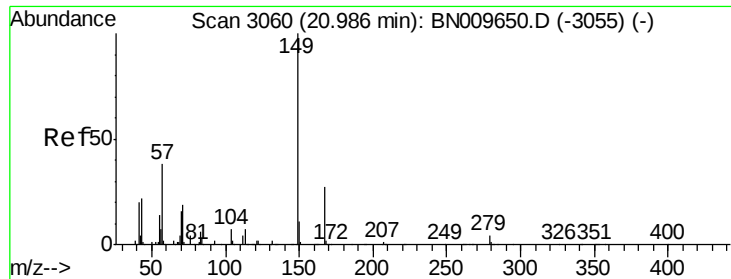


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

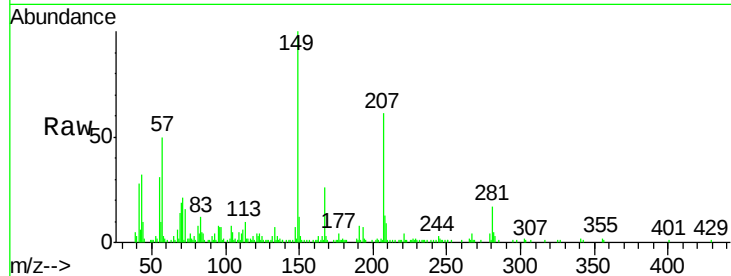




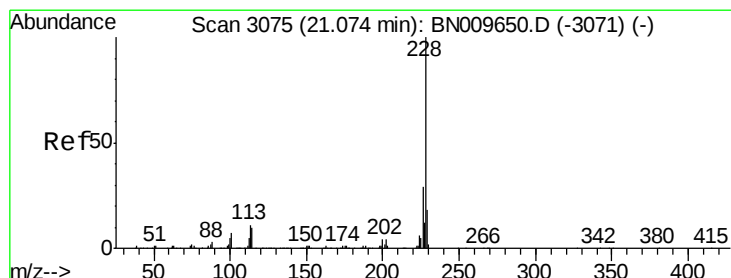
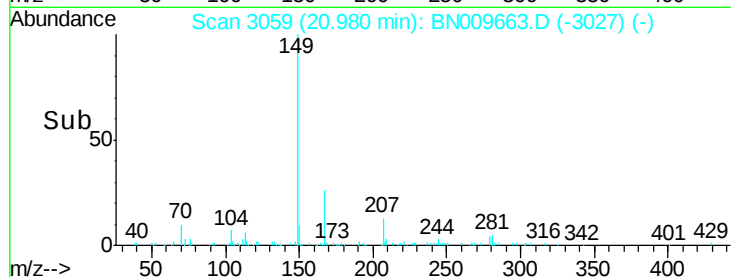
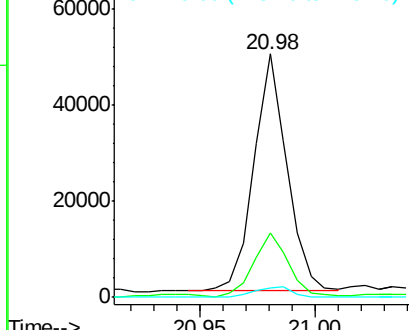
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.477 ng/ul
RT: 20.98 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BN009663.D
Acq: 08 Feb 2020 01:13

Instrument :
BNA_N
ClientSampleId :
CB6K1

Tot Ion:149 Resp: 49028
Ion Ratio Lower Upper
149 100
167 26.3 22.1 33.1
279 4.1 3.3 4.9

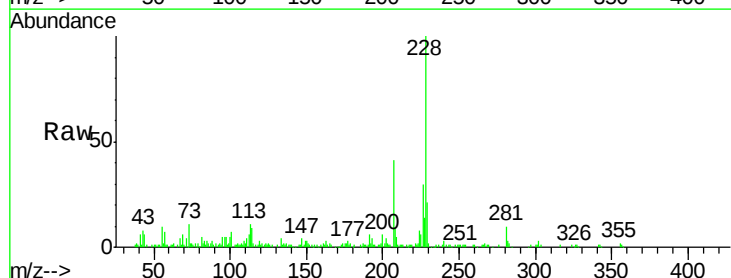


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

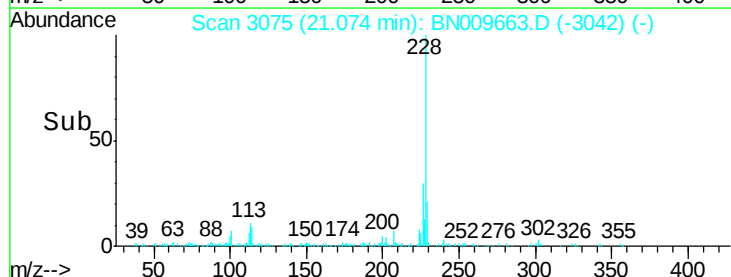
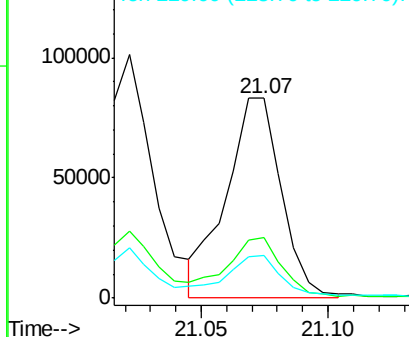


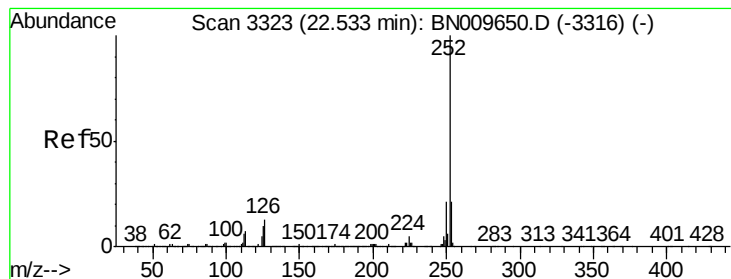
#84
Chrysene
Concen: 2.419 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009663.D
Acq: 08 Feb 2020 01:13

Tgt Ion:228 Resp: 125252
Ion Ratio Lower Upper
228 100
226 30.4 23.5 35.3
229 21.3 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





#87

Benzo(b)fluoranthene

Concen: 3.383 ng/ul

RT: 22.53 min Scan# 3322

Delta R.T. -0.02 min

Lab File: BN009663.D

Acq: 08 Feb 2020 01:13

Instrument :

BNA_N

ClientSampleId :

CB6K1

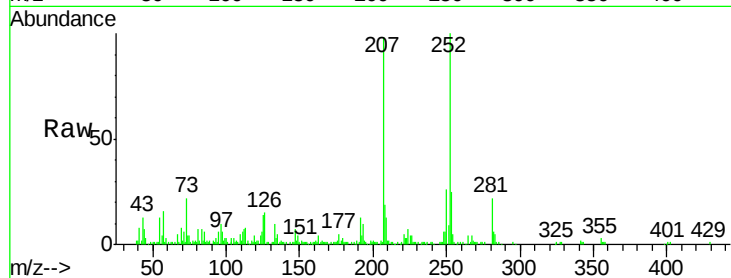
Tot Ion:252 Resp: 158051

Ion Ratio Lower Upper

252 100

253 24.7 17.0 25.6

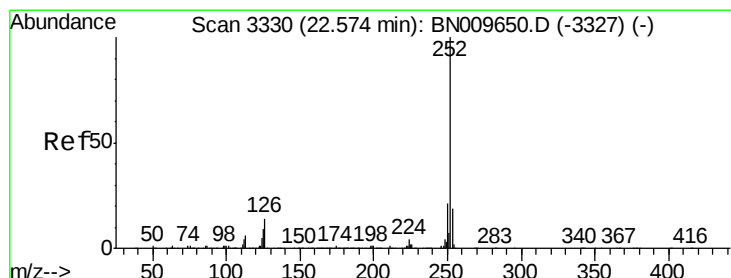
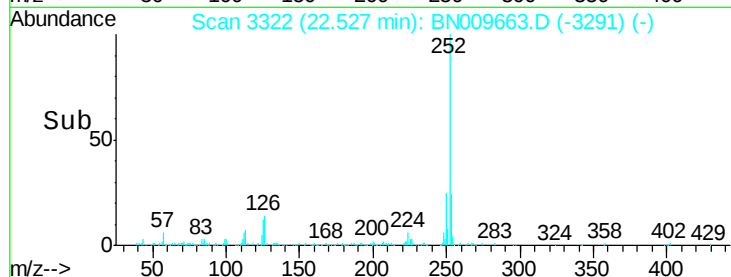
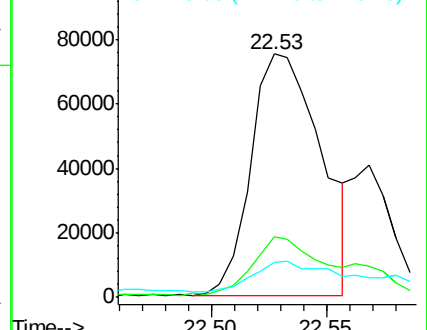
125 14.4 8.2 12.2#



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: 1.070 ng/ul

RT: 22.57 min Scan# 3329

Delta R.T. -0.02 min

Lab File: BN009663.D

Acq: 08 Feb 2020 01:13

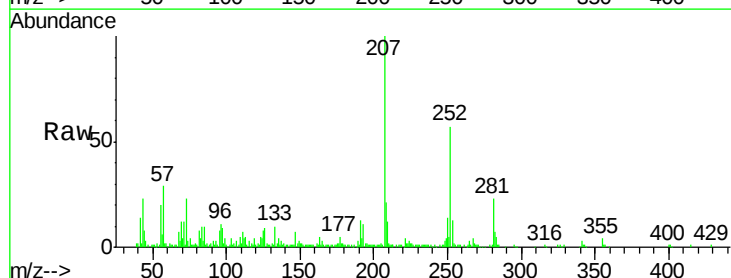
Tgt Ion:252 Resp: 49245

Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.4

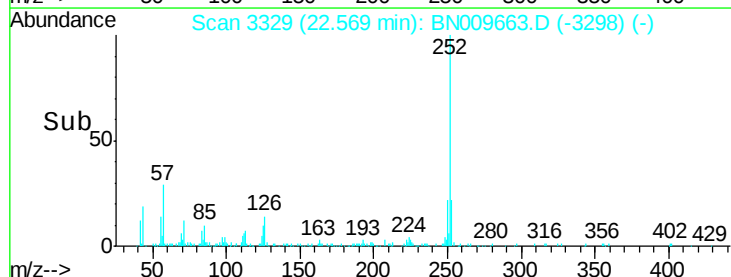
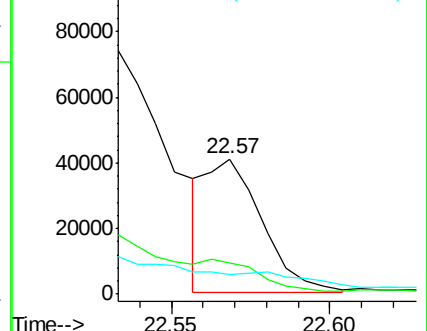
125 14.7 8.0 12.0#

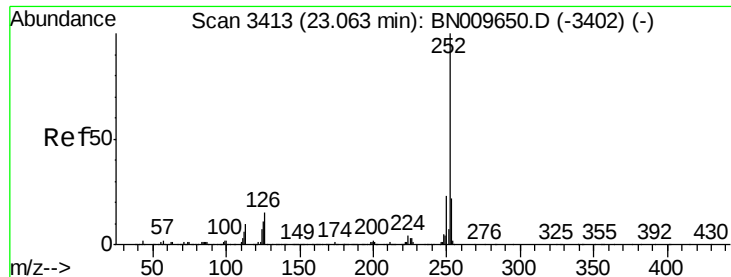


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.242 ng/ul

RT: 23.06 min Scan# 3412

Delta R.T. -0.02 min

Lab File: BN009663.D

Acq: 08 Feb 2020 01:13

Instrument :

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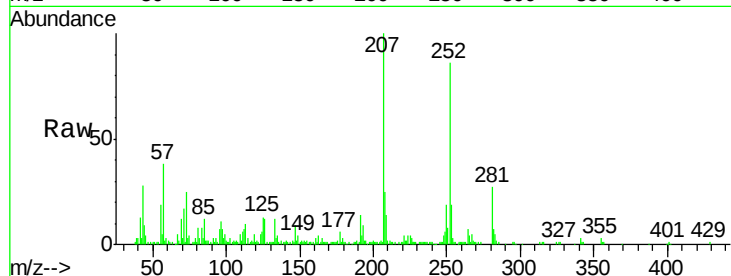
Tot Ion:252 Resp: 97036

Ion Ratio Lower Upper

252 100

253 22.0 15.8 23.8

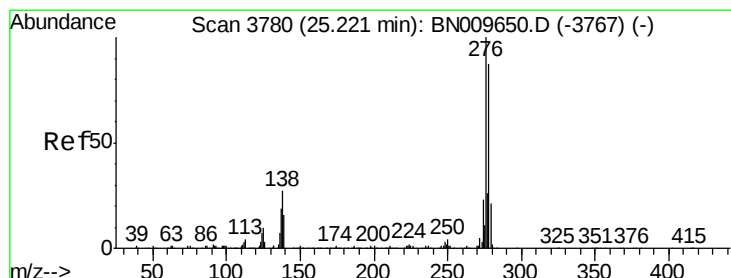
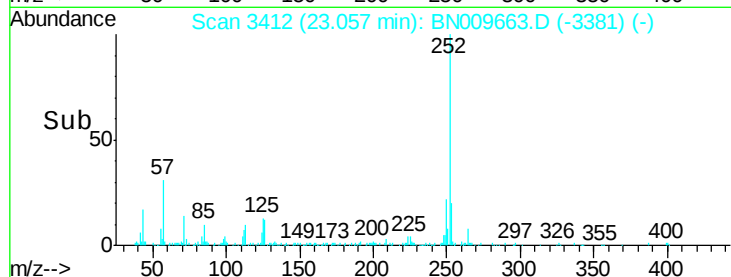
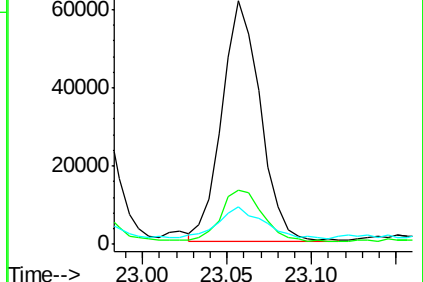
125 15.3 8.7 13.1#



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: 1.215 ng/ul

RT: 25.22 min Scan# 3779

Delta R.T. -0.02 min

Lab File: BN009663.D

Acq: 08 Feb 2020 01:13

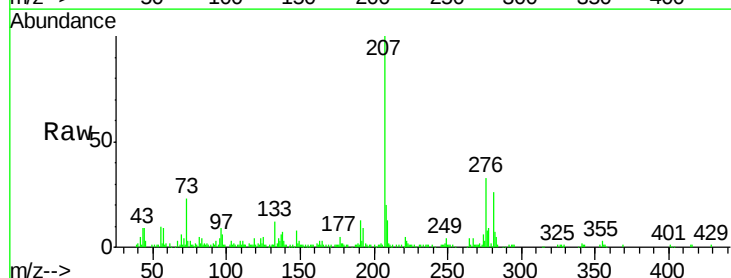
Tgt Ion:276 Resp: 62526

Ion Ratio Lower Upper

276 100

138 31.5 20.3 30.5#

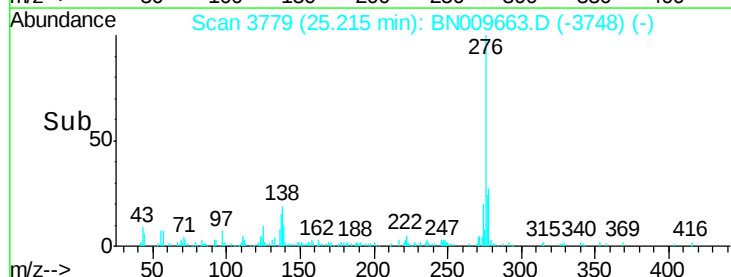
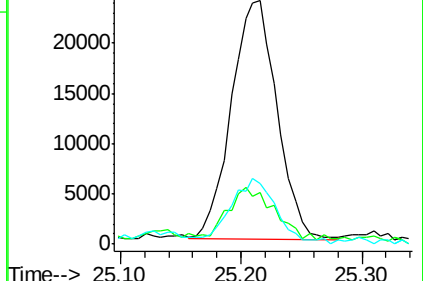
277 24.9 21.2 31.8

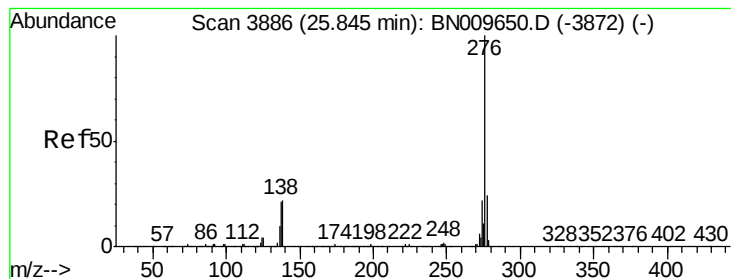


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.411 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.02 min

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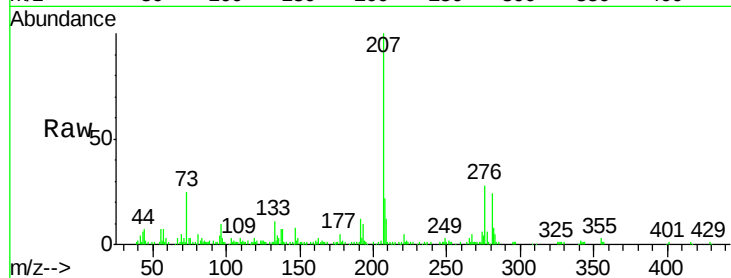
Tot Ion: 276 Resp: 60843

Ion Ratio Lower Upper

276 100

138 24.4 16.0 24.0#

277 20.7 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

