

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009659.D
 Acq On : 07 Feb 2020 22:49
 Operator : CG/JU
 Sample : L1401-04
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 08 01:29:26 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	145713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	628667	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	379412	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	793453	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	750867	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	756678	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	9350	2.63	ng/uL	0.00
5) Phenol-d5	6.63	99	185943	14.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	130453	15.28	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	145056	15.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	140802	13.91	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	69685	14.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	76332	14.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	134847	13.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	179100	17.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	429910	15.52	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	517346	15.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	50613	9.68	ng/ul	0.00
57) Fluorene-d10	15.07	176	376581	15.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	48493	9.79	ng/ul	0.00
70) Anthracene-d10	16.92	188	556473	15.43	ng/ul	0.00
78) Pyrene-d10	19.23	212	624727	15.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	623823	16.74	ng/ul	0.00

Target Compounds

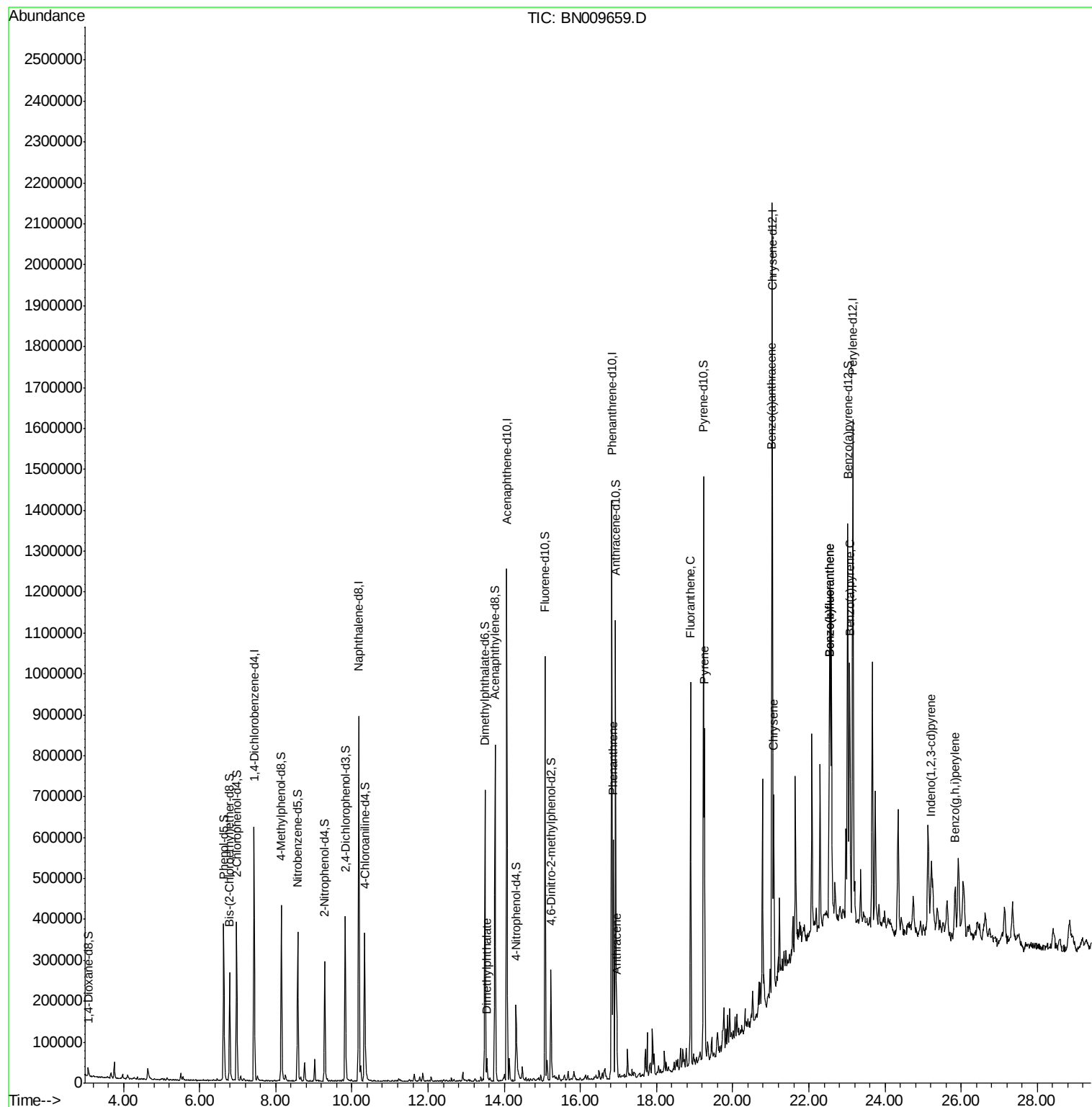
					Ovalue	
44) Dimethylphthalate	13.55	163	31519	1.072	ng/ul#	94
69) Phenanthrene	16.86	178	326170	7.208	ng/ul	98
71) Anthracene	16.96	178	65407	1.425	ng/ul	100
76) Fluoranthene	18.89	202	522259	10.113	ng/ul	99
79) Pyrene	19.26	202	462739	8.442	ng/ul	97
82) Benzo(a)anthracene	21.02	228	247299	4.770	ng/ul	99
84) Chrysene	21.07	228	228608	4.429	ng/ul	99
87) Benzo(b)fluoranthene	22.53	252	314967	6.653	ng/ul	98
88) Benzo(k)fluoranthene	22.53	252	314967	6.756	ng/ul	98
90) Benzo(a)pyrene	23.06	252	203820	4.647	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.22	276	132163	2.534	ng/ul	93
93) Benzo(g,h,i)perylene	25.84	276	124287	2.844	ng/ul	95

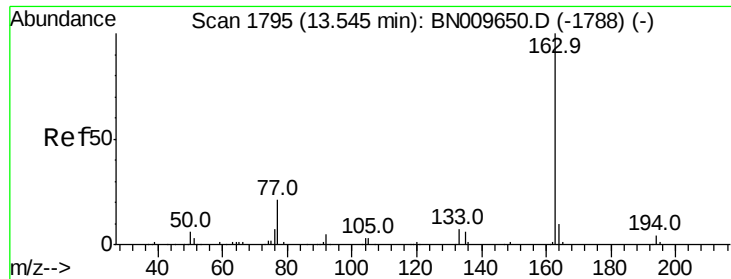
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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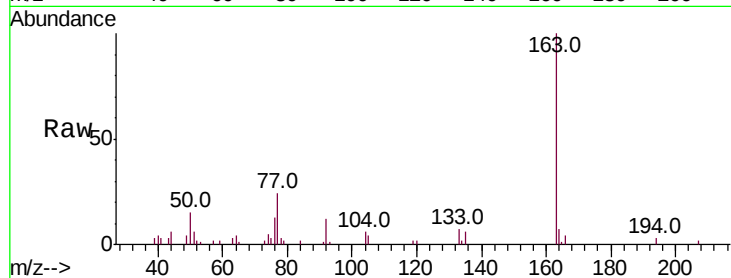




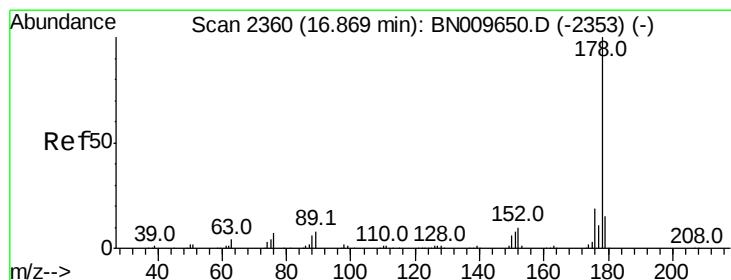
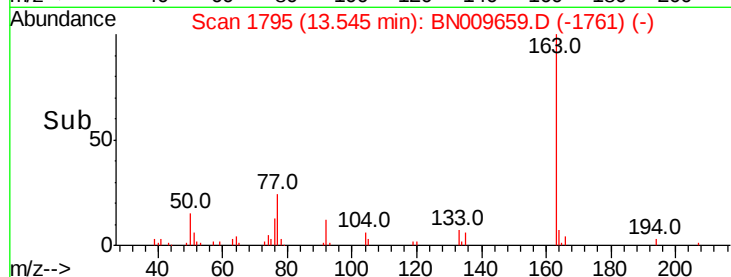
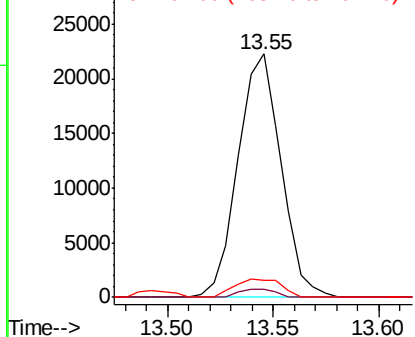
#44
Dimethylphthalate
Concen: 1.072 ng/ul
RT: 13.55 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BN009659.D
Acq: 07 Feb 2020 22:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:163 Resp: 31519
Ion Ratio Lower Upper
163 100
194 3.4 3.5 5.3#
164 7.3 8.0 12.0#

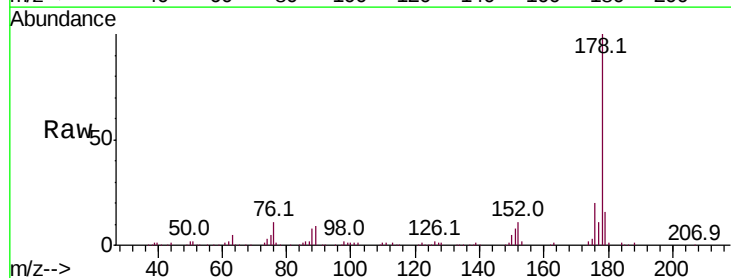


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

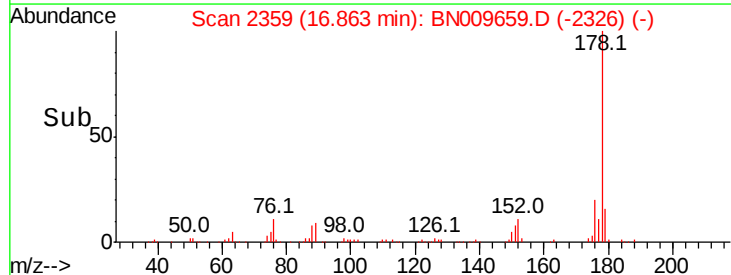
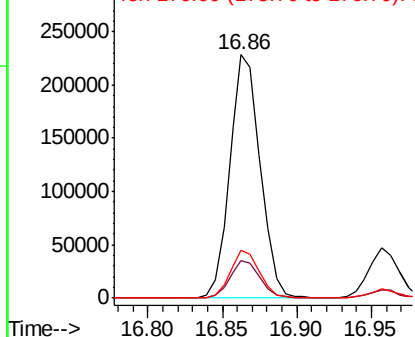


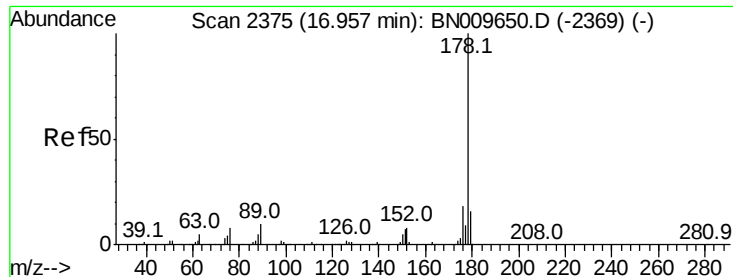
#69
Phenanthrene
Concen: 7.208 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN009659.D
Acq: 07 Feb 2020 22:49

Tgt Ion:178 Resp: 326170
Ion Ratio Lower Upper
178 100
179 15.6 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: 1.425 ng/ul

RT: 16.96 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BN009659.D

Acq: 07 Feb 2020 22:49

Instrument :

BNA_N

ClientSampleId :

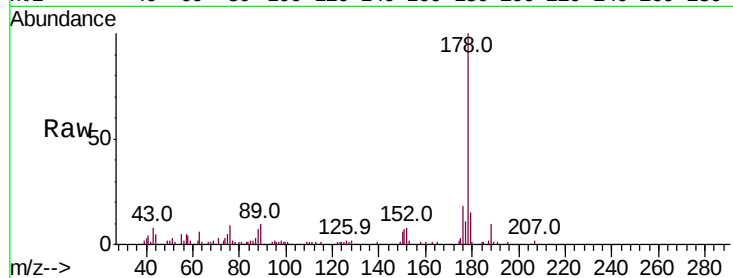
Tot Ion:178 Resp: 65407

Ion Ratio Lower Upper

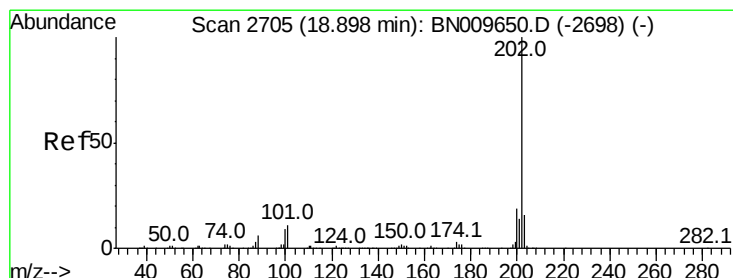
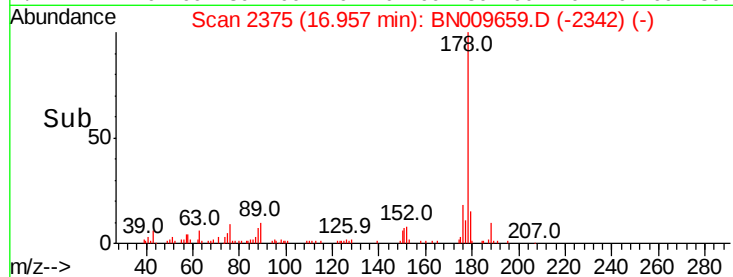
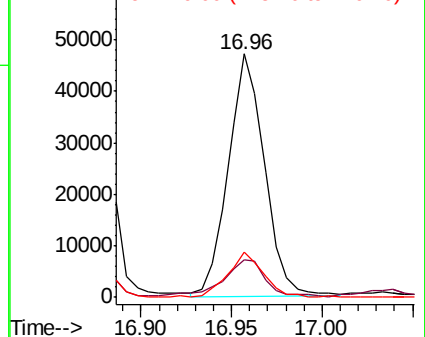
178 100

179 15.3 12.1 18.1

176 18.4 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: 10.113 ng/ul

RT: 18.89 min Scan# 2704

Delta R.T. -0.01 min

Lab File: BN009659.D

Acq: 07 Feb 2020 22:49

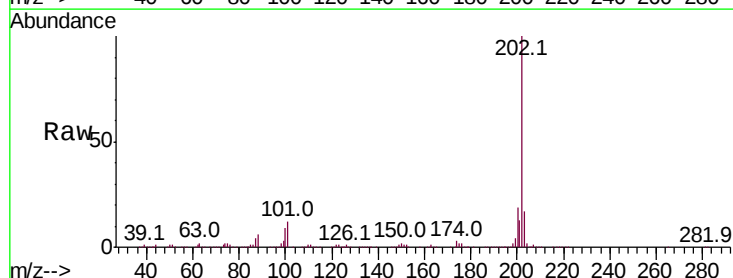
Tgt Ion:202 Resp: 522259

Ion Ratio Lower Upper

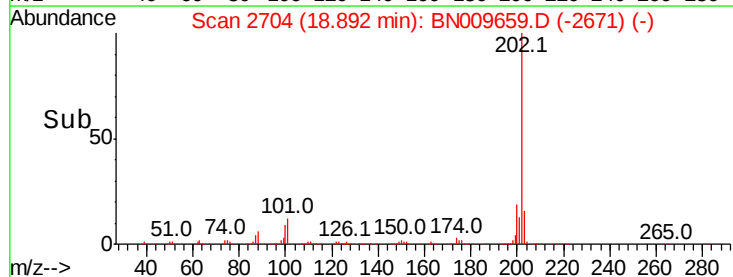
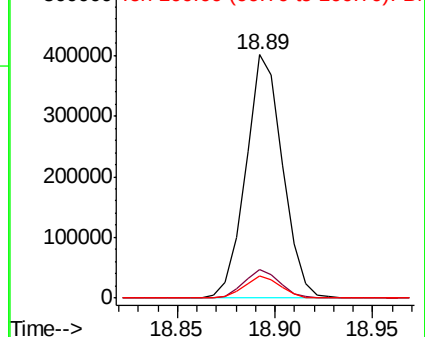
202 100

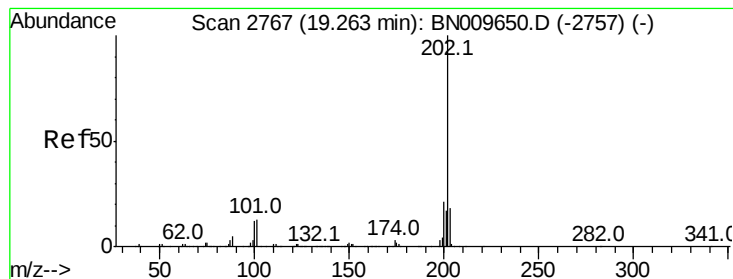
101 11.9 9.2 13.8

100 9.0 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: 8.442 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BN009659.D

Acq: 07 Feb 2020 22:49

Instrument :

BNA_N

ClientSampleId :

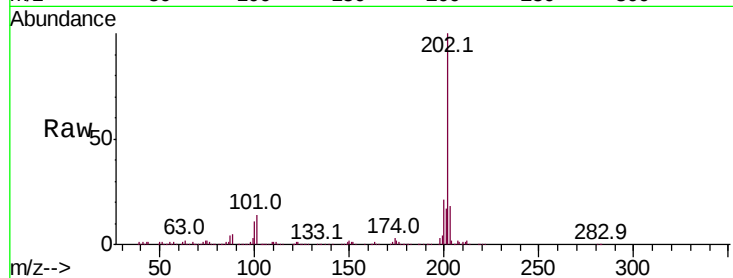
Tot Ion:202 Resp: 462739

Ion Ratio Lower Upper

202 100

101 14.4 10.3 15.5

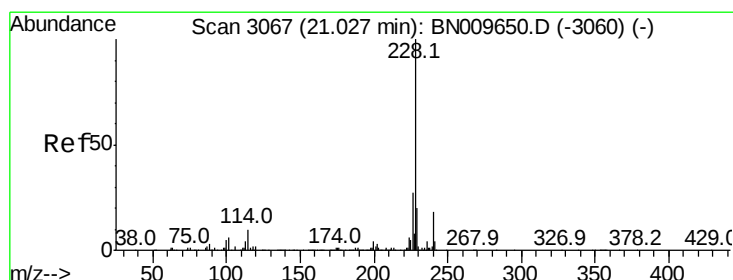
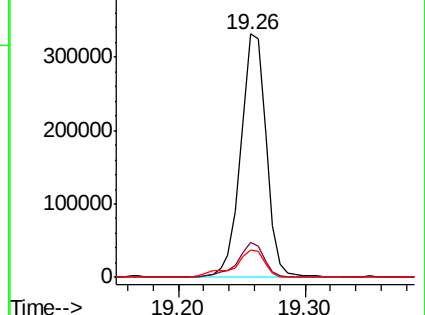
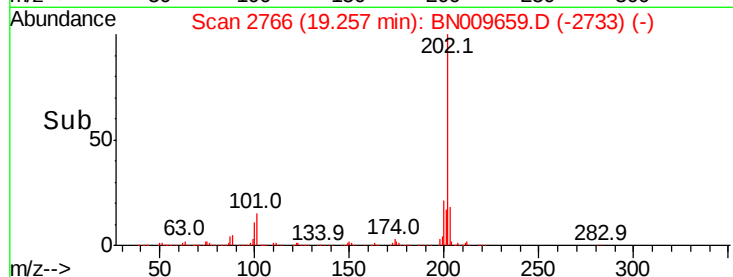
100 11.4 8.4 12.6



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: 4.770 ng/ul

RT: 21.02 min Scan# 3066

Delta R.T. -0.01 min

Lab File: BN009659.D

Acq: 07 Feb 2020 22:49

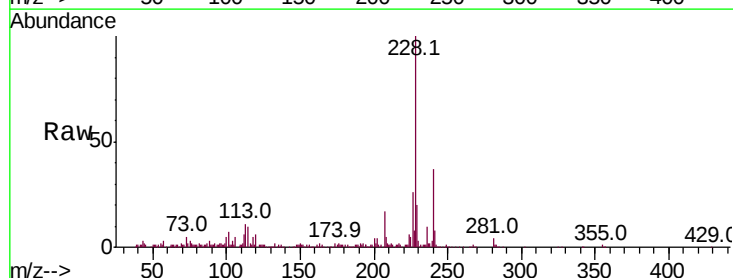
Tgt Ion:228 Resp: 247299

Ion Ratio Lower Upper

228 100

229 20.0 15.0 22.4

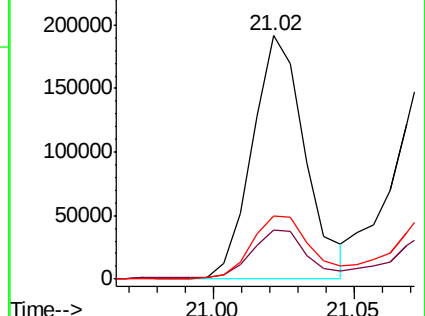
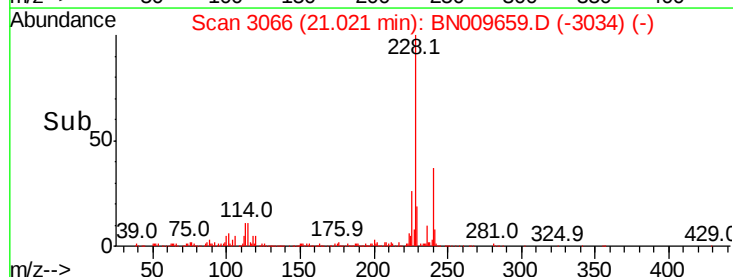
226 25.9 20.9 31.3

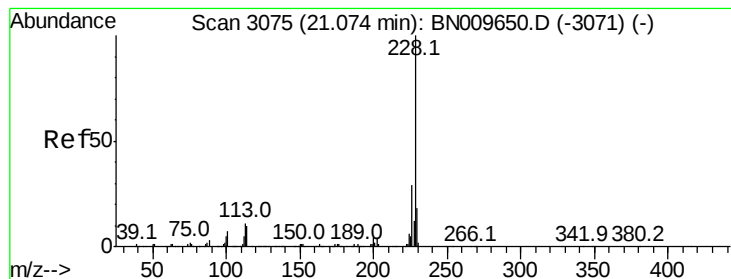


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 4.429 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009659.D

Acq: 07 Feb 2020 22:49

Instrument :

BNA_N

ClientSampleId :

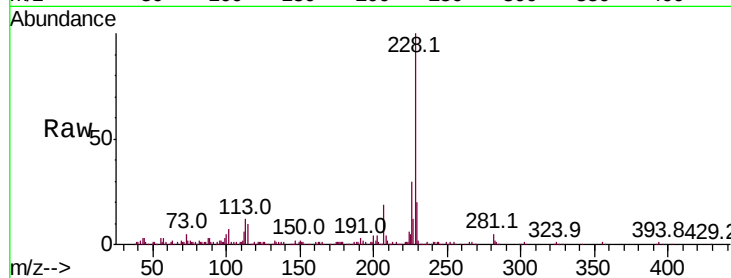
Tot Ion:228 Resp: 228608

Ion Ratio Lower Upper

228 100

226 30.0 23.5 35.3

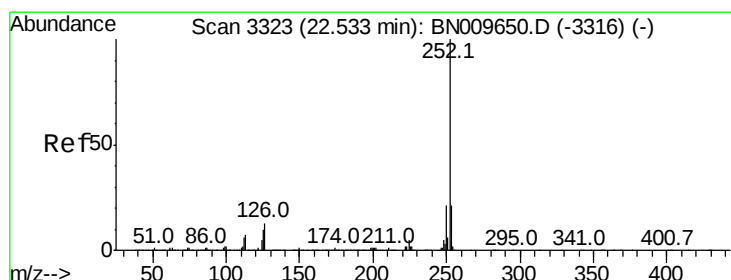
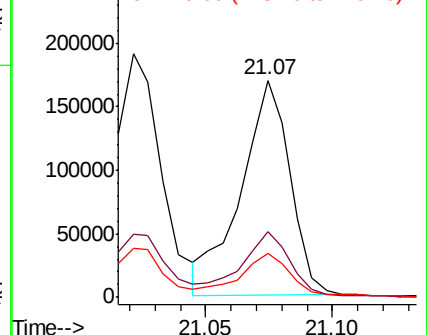
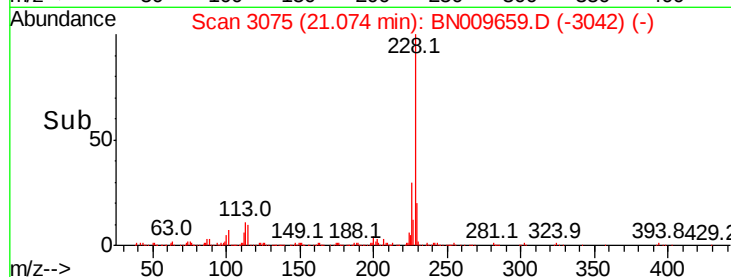
229 20.5 15.8 23.8



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: 6.653 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BN009659.D

Acq: 07 Feb 2020 22:49

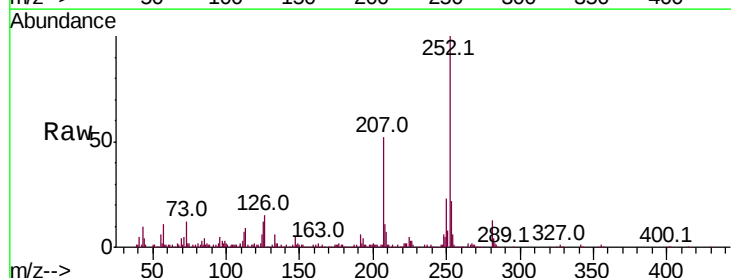
Tgt Ion:252 Resp: 314967

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

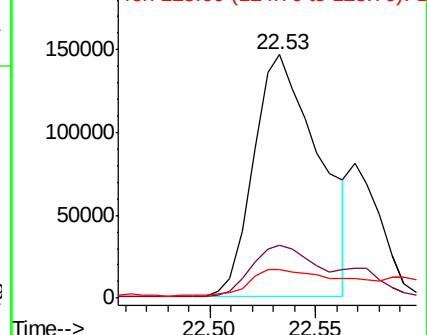
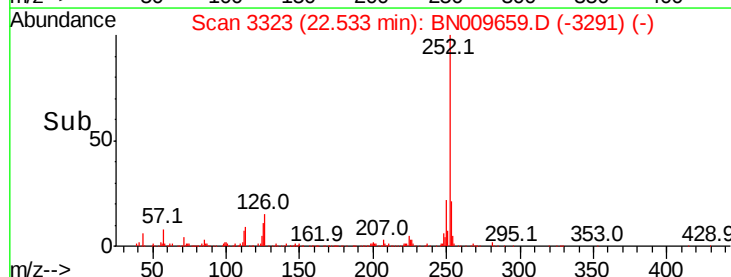
125 11.7 8.2 12.2

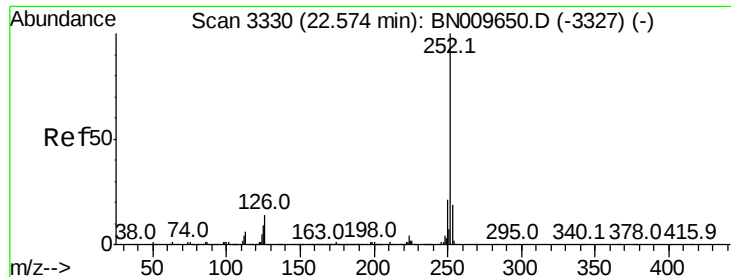


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 6.756 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. -0.05 min

Lab File: BN009659.D

Acq: 07 Feb 2020 22:49

Instrument :

BNA_N

ClientSampleId :

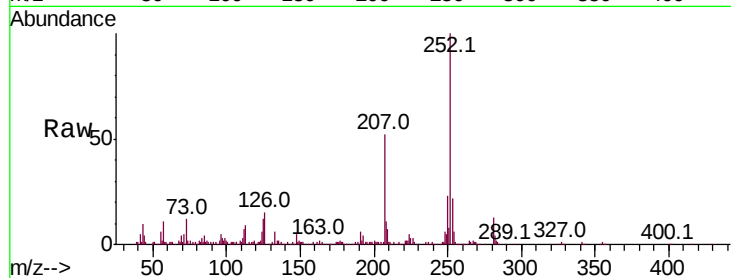
Tot Ion:252 Resp: 314967

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

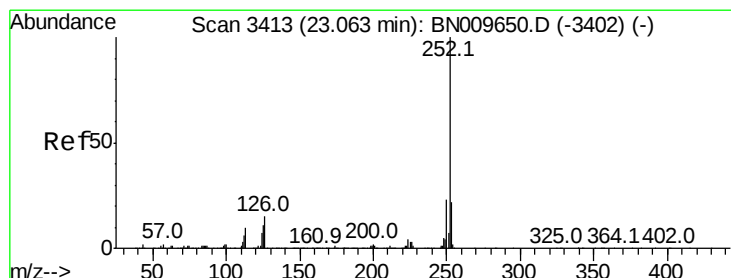
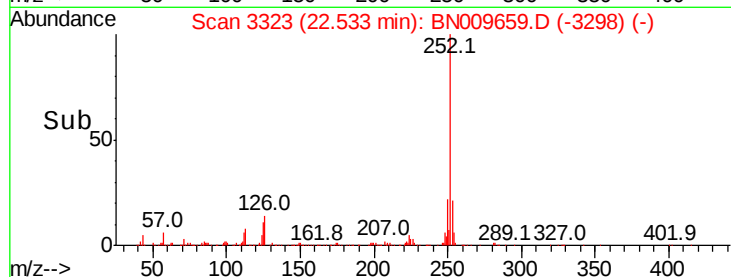
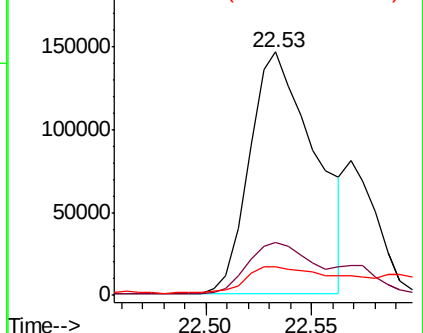
125 11.7 8.0 12.0



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: 4.647 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN009659.D

Acq: 07 Feb 2020 22:49

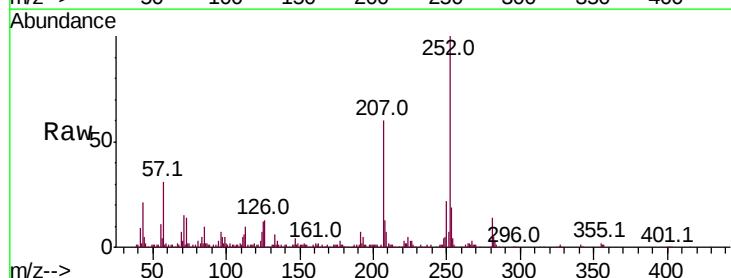
Tgt Ion:252 Resp: 203820

Ion Ratio Lower Upper

252 100

253 19.1 15.8 23.8

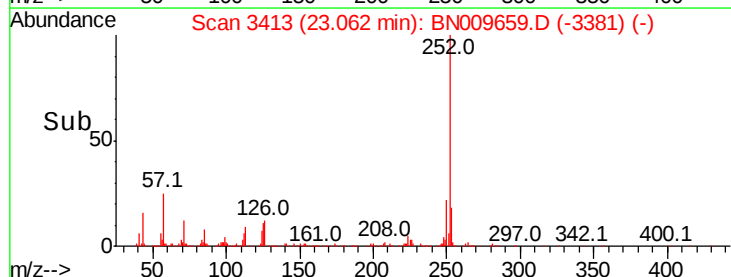
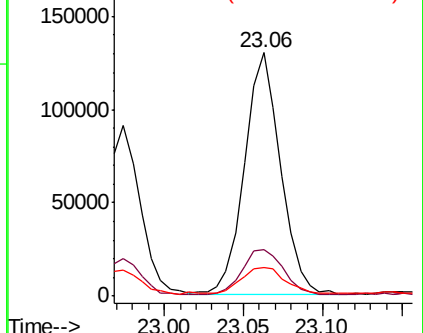
125 11.9 8.7 13.1

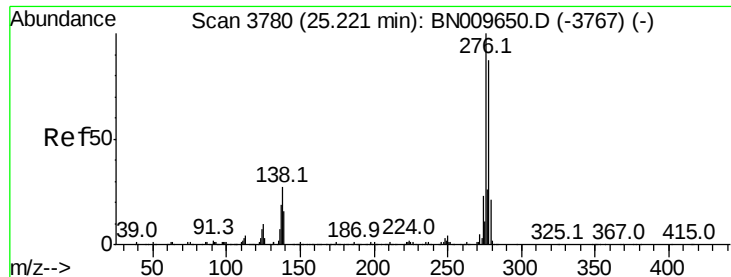


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



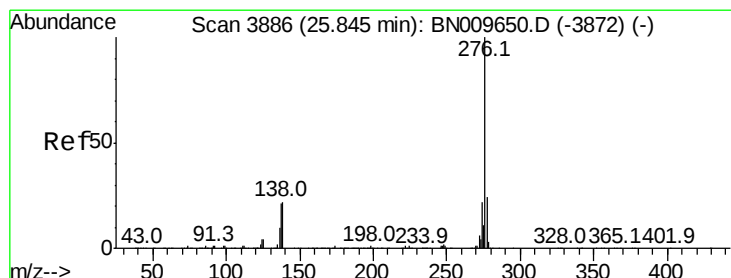
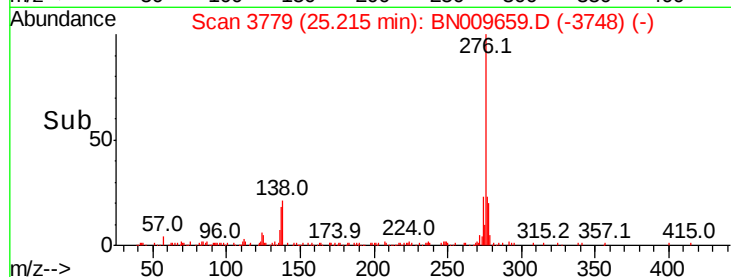
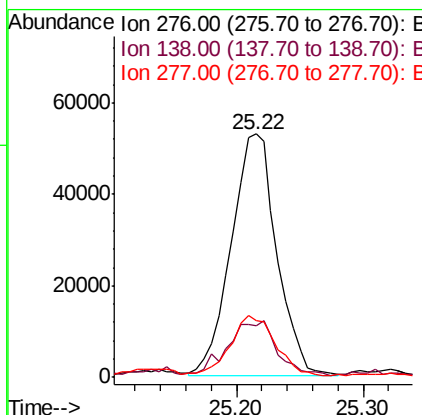
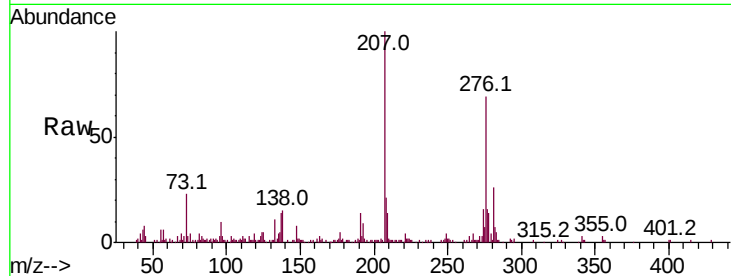


#91

Indeno(1,2,3-cd)pyrene
Concen: 2.534 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. -0.02 min
Lab File: BN009659.D
Acq: 07 Feb 2020 22:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	20.3	30.5
277	23.2	21.2	31.8



#93

Benzo(g,h,i)perylene
Concen: 2.844 ng/ul
RT: 25.84 min Scan# 3885
Delta R.T. -0.02 min
Lab File: BN009659.D
Acq: 07 Feb 2020 22:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	16.0	24.0
277	22.7	17.0	25.6

