

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
 Data File : BN004659.D
 Acq On : 08 Mar 2019 04:15
 Operator : JU/SJ
 Sample : K1657-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 08 05:29:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 08 00:36:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	36389	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	177256	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	112566	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	263883	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	296984	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	253393	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	3653	5.66	ng/uL	0.00
5) Phenol-d5	6.88	99	41763	13.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	23185	14.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	37892	14.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	36695	14.03	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	20315	15.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	23830	15.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	43473	14.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	49692	14.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	154664	15.89	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	177359	15.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	22979	12.72	ng/ul	0.00
58) Fluorene-d10	15.36	176	130126	15.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	25004	13.73	ng/ul	0.00
71) Anthracene-d10	17.21	188	206362	16.06	ng/ul	0.00
79) Pyrene-d10	19.51	212	238863	16.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	197698	14.53	ng/ul	0.00

Target Compounds

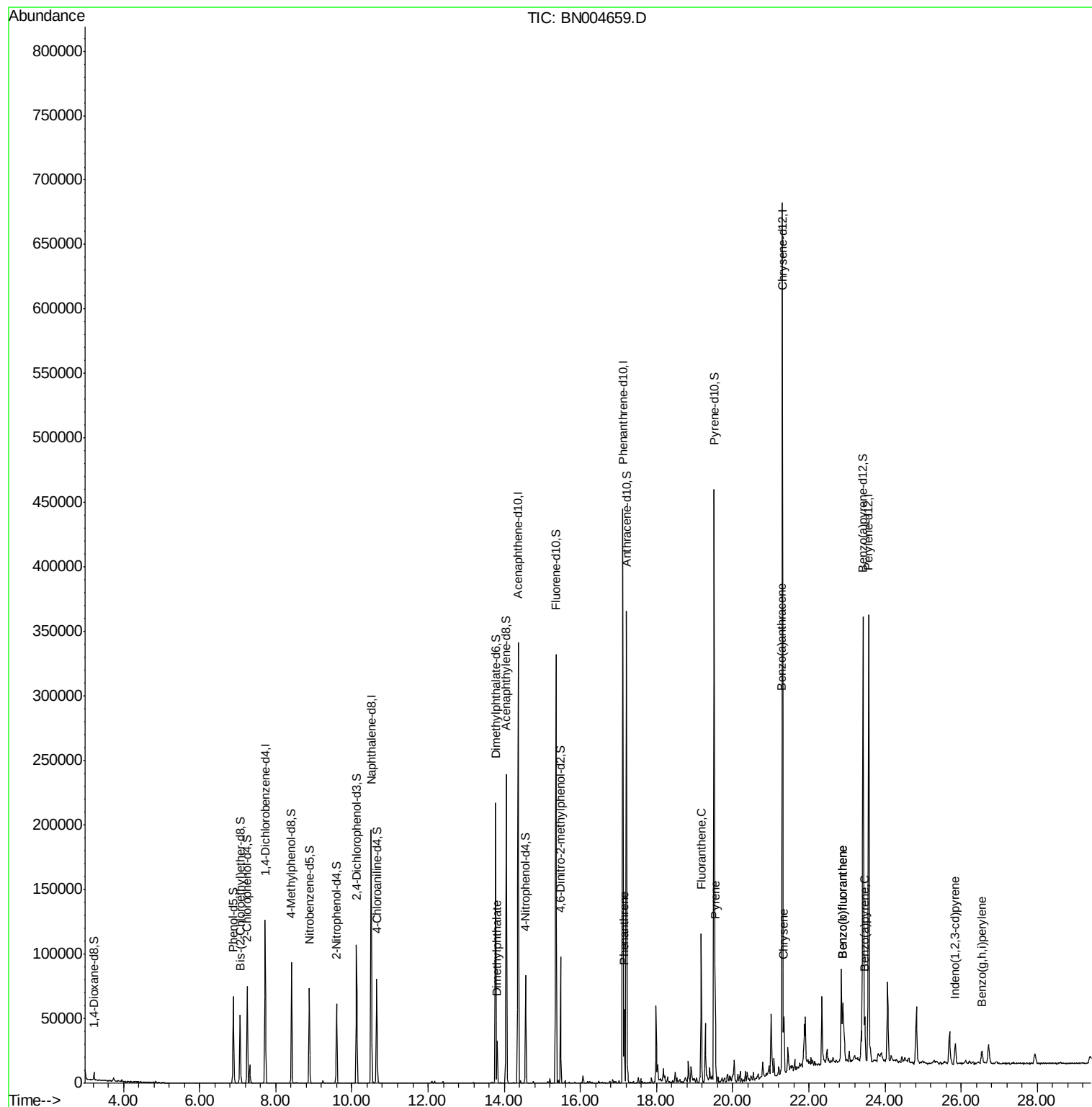
					Ovalue
45) Dimethylphthalate	13.82	163	23430	2.453 ng/ul	99
70) Phenanthrene	17.15	178	34287	2.337 ng/ul	99
77) Fluoranthene	19.17	202	66989	3.960 ng/ul	98
80) Pyrene	19.54	202	55207	3.066 ng/ul	99
83) Benzo(a)anthracene	21.29	228	34629	1.854 ng/ul	96
85) Chrysene	21.34	228	31515	1.817 ng/ul	97
88) Benzo(b)fluoranthene	22.89	252	39521	2.513 ng/ul	98
89) Benzo(k)fluoranthene	22.89	252	39521	2.555 ng/ul	98
91) Benzo(a)pyrene	23.47	252	24622	1.664 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.84	276	16134	1.001 ng/ul	95
94) Benzo(g,h,i)perylene	26.54	276	13377	1.021 ng/ul	97

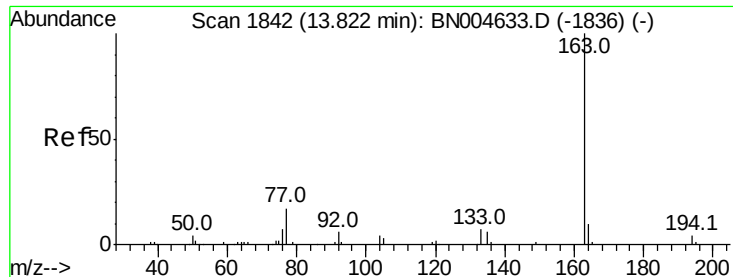
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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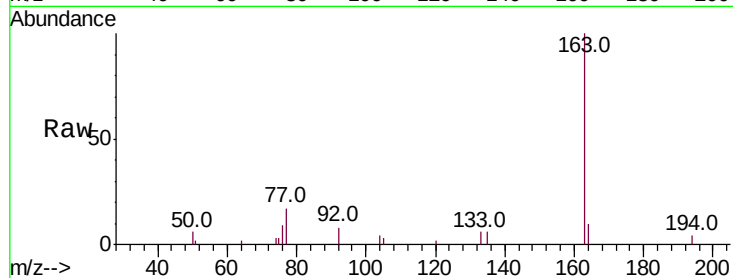




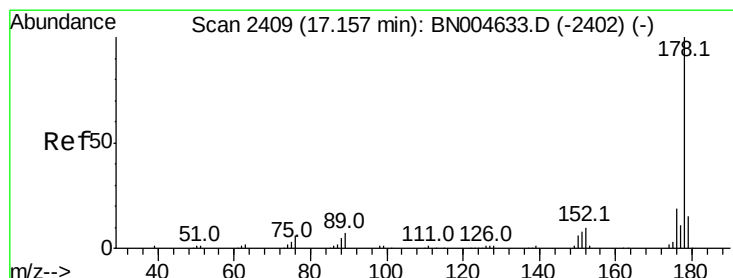
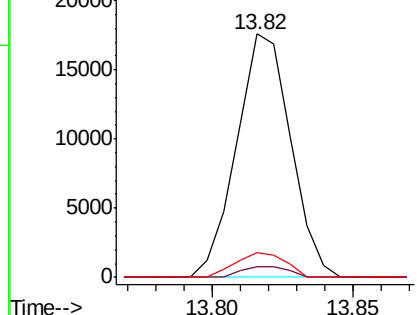
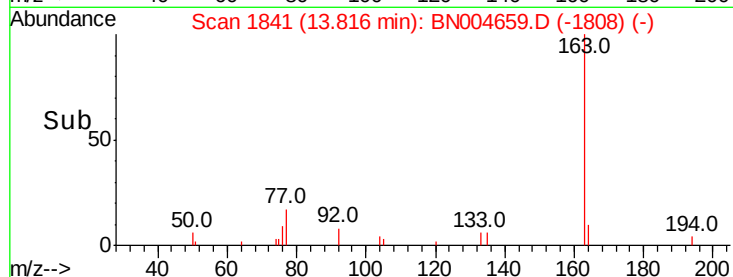
#45
Dimethylphthalate
Concen: 2.453 ng/ul
RT: 13.82 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BN004659.D
Acq: 08 Mar 2019 04:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion:163 Resp: 23430
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.4 7.9 11.9

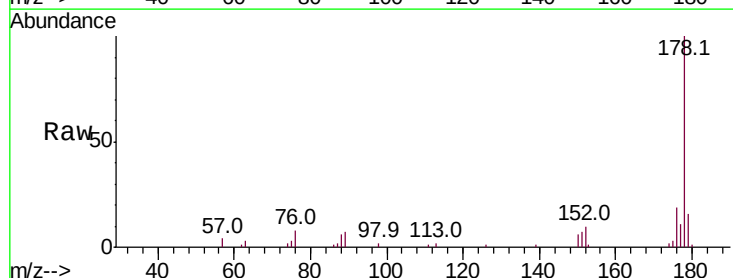


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

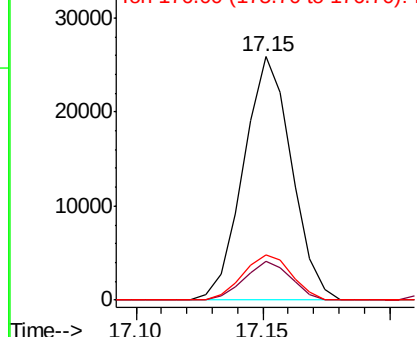
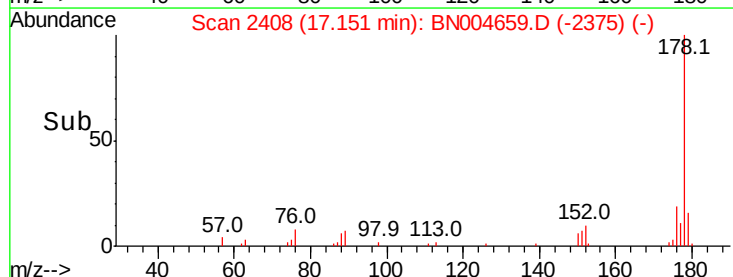


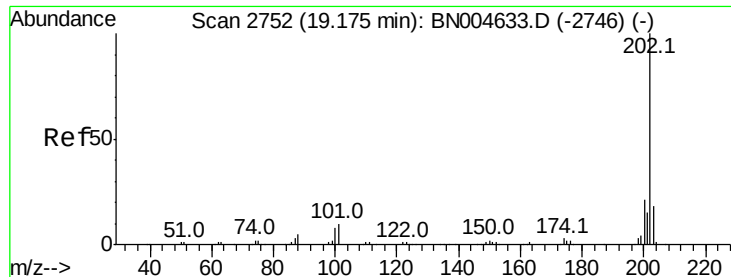
#70
Phenanthrene
Concen: 2.337 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN004659.D
Acq: 08 Mar 2019 04:15

Tgt Ion:178 Resp: 34287
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 18.7 15.4 23.0



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





#77

Fluoranthene

Concen: 3.960 ng/ul

RT: 19.17 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BN004659.D

Acq: 08 Mar 2019 04:15

Instrument :

BNA_N

ClientSampleId :

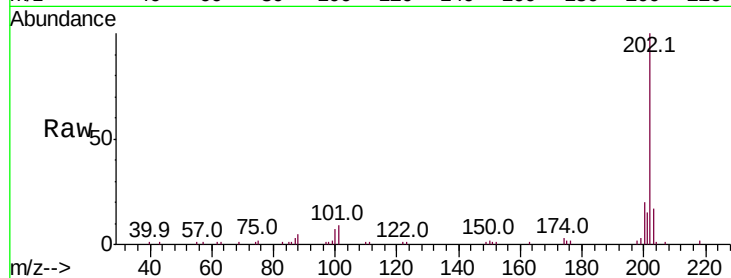
Tot Ion:202 Resp: 66989

Ion Ratio Lower Upper

202 100

101 9.3 8.2 12.4

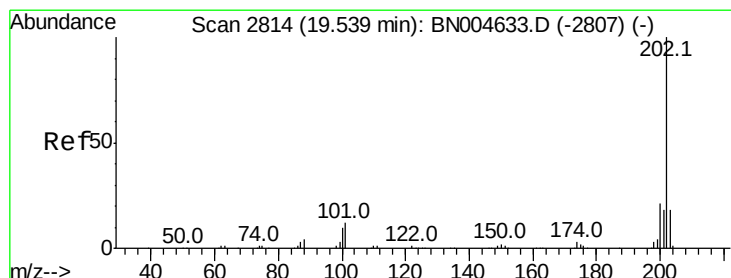
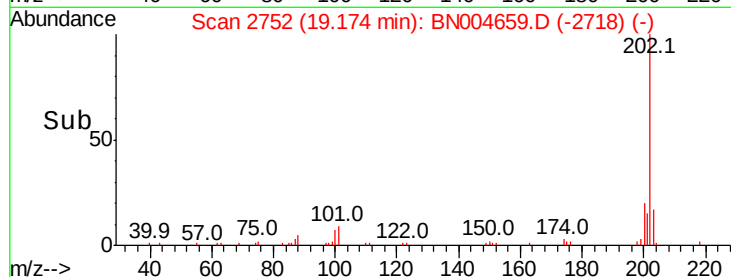
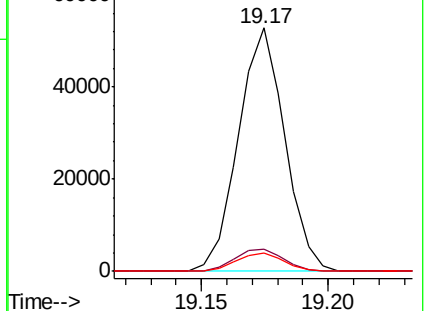
100 7.5 6.6 9.8



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



#80

Pyrene

Concen: 3.066 ng/ul

RT: 19.54 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BN004659.D

Acq: 08 Mar 2019 04:15

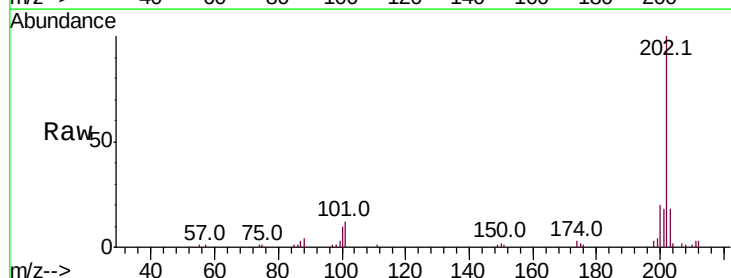
Tgt Ion:202 Resp: 55207

Ion Ratio Lower Upper

202 100

101 11.9 9.2 13.8

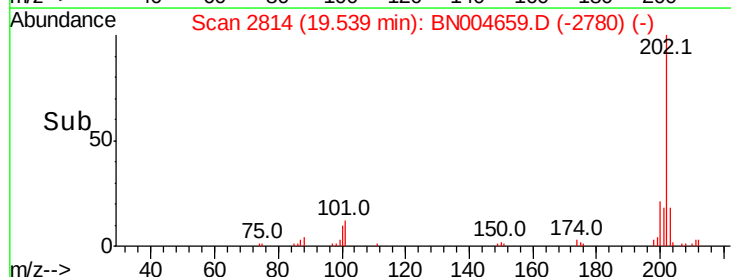
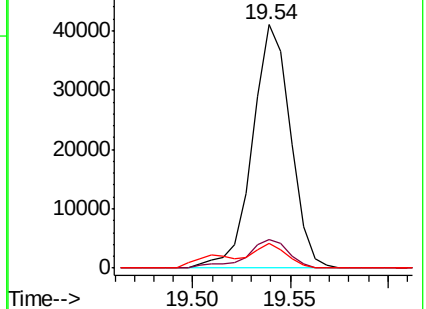
100 10.0 7.5 11.3

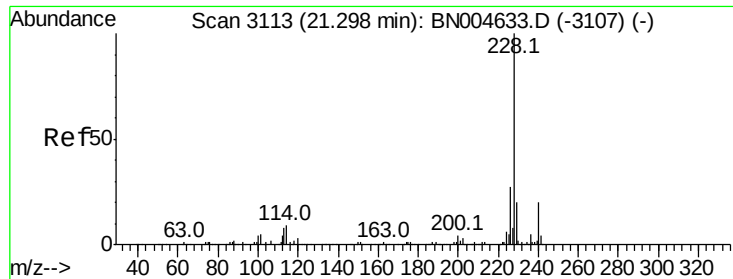


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

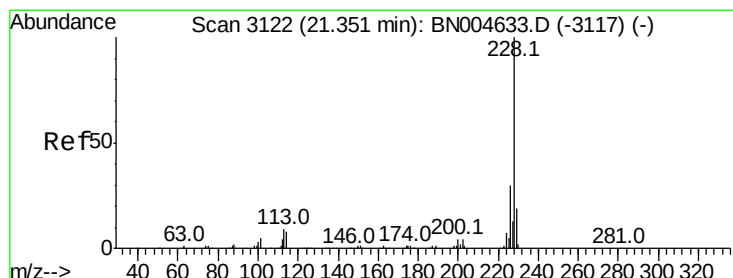
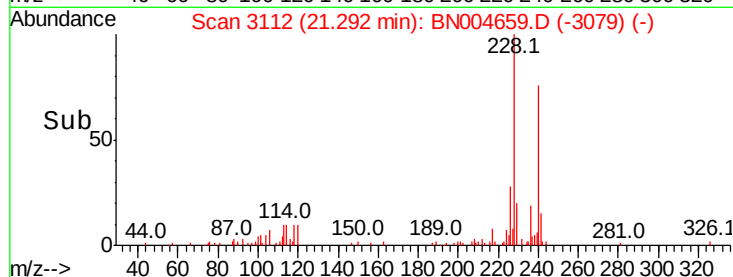
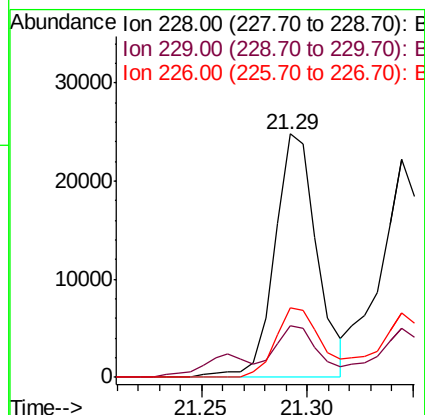
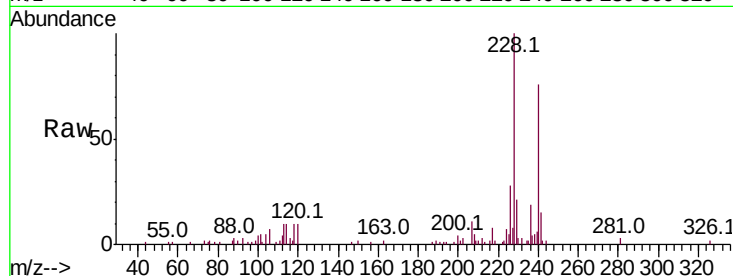




#83
Benzo(a)anthracene
Concen: 1.854 ng/ul
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BN004659.D
Acq: 08 Mar 2019 04:15

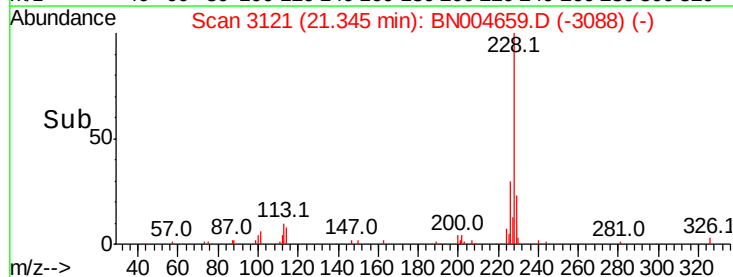
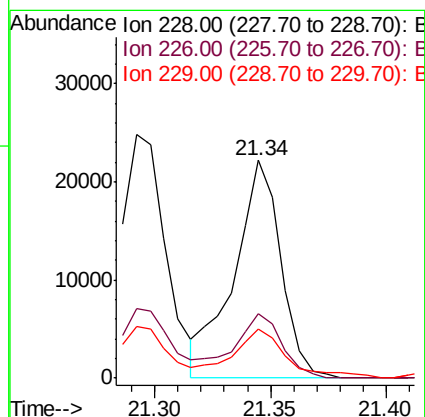
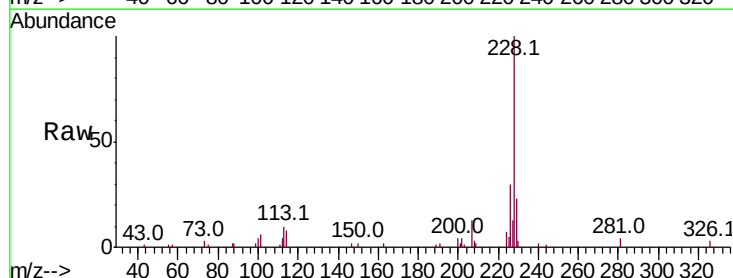
Instrument :
BNA_N
ClientSampleId :

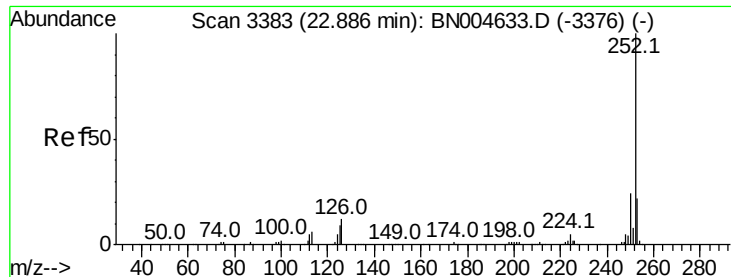
Tot Ion:228 Resp: 34629
Ion Ratio Lower Upper
228 100
229 21.4 15.4 23.2
226 28.3 21.4 32.2



#85
Chrysene
Concen: 1.817 ng/ul
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BN004659.D
Acq: 08 Mar 2019 04:15

Tgt Ion:228 Resp: 31515
Ion Ratio Lower Upper
228 100
226 29.7 24.0 36.0
229 22.5 15.7 23.5





#88

Benzo(b)fluoranthene

Concen: 2.513 ng/ul

RT: 22.89 min Scan# 3383

Delta R.T. -0.00 min

Lab File: BN004659.D

Acq: 08 Mar 2019 04:15

Instrument :

BNA_N

ClientSampled :

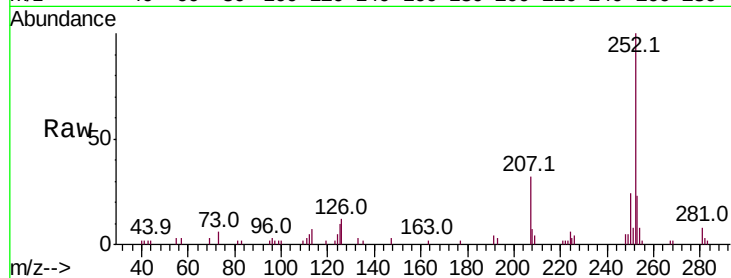
Tot Ion:252 Resp: 39521

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

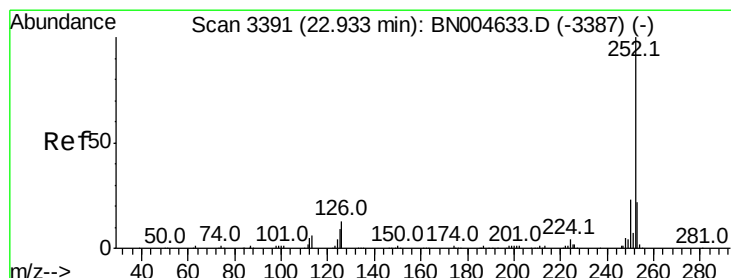
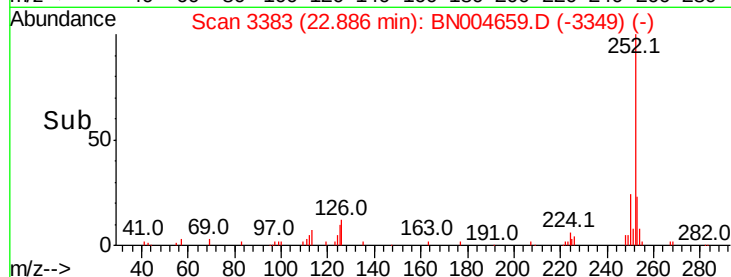
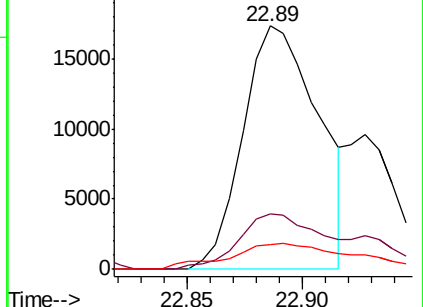
125 10.3 7.4 11.2



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



#89

Benzo(k)fluoranthene

Concen: 2.555 ng/ul

RT: 22.89 min Scan# 3383

Delta R.T. -0.05 min

Lab File: BN004659.D

Acq: 08 Mar 2019 04:15

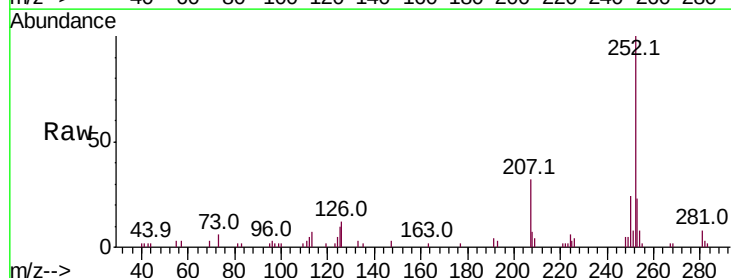
Tgt Ion:252 Resp: 39521

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

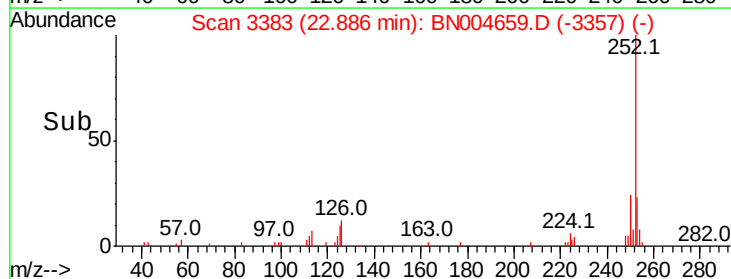
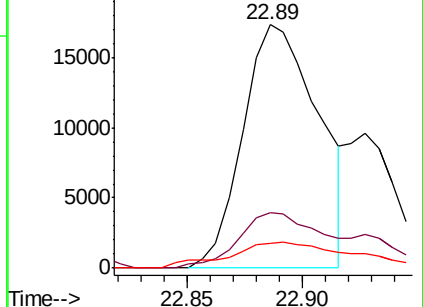
125 10.3 7.4 11.0

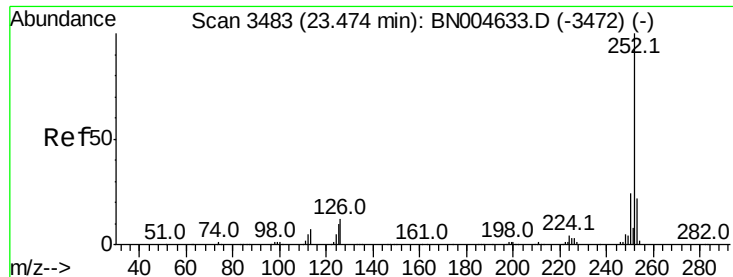


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.664 ng/ul

RT: 23.47 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BN004659.D

Acq: 08 Mar 2019 04:15

Instrument :

BNA_N

ClientSampleId :

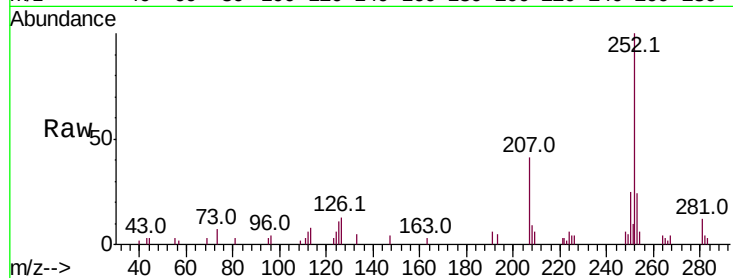
Tot Ion:252 Resp: 24622

Ion Ratio Lower Upper

252 100

253 24.3 17.6 26.4

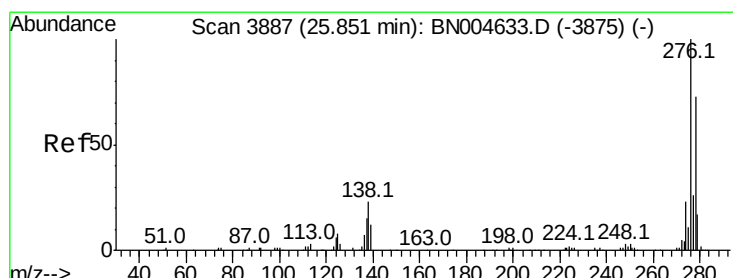
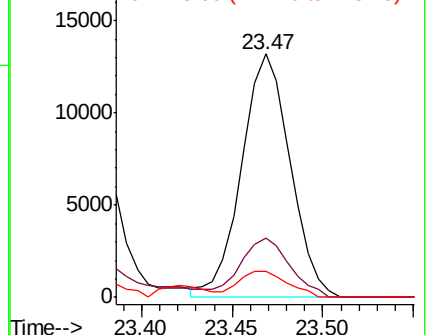
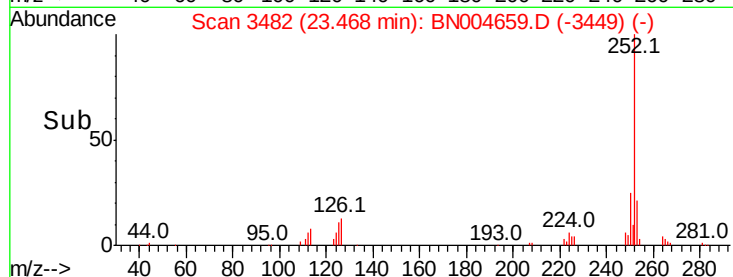
125 10.6 8.4 12.6



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.001 ng/ul

RT: 25.84 min Scan# 3886

Delta R.T. -0.01 min

Lab File: BN004659.D

Acq: 08 Mar 2019 04:15

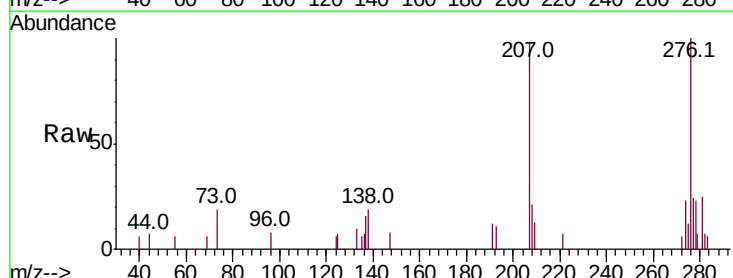
Tgt Ion:276 Resp: 16134

Ion Ratio Lower Upper

276 100

138 19.4 18.7 28.1

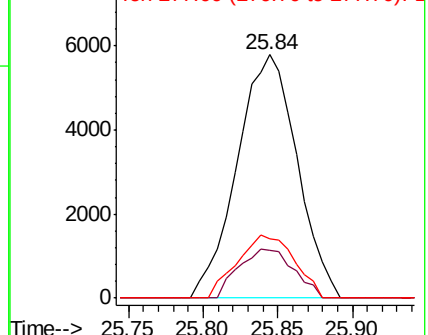
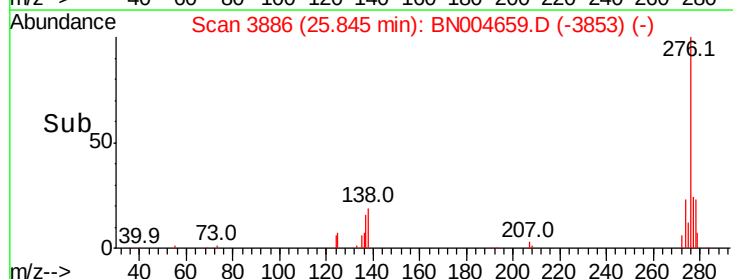
277 24.1 19.8 29.8

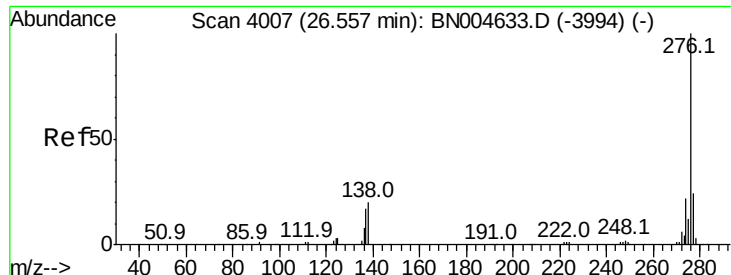


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.021 ng/ul

RT: 26.54 min Scan# 4005

Delta R.T. -0.01 min

Lab File: BN004659.D

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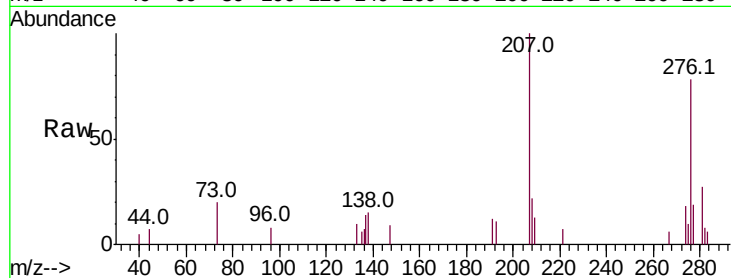
Tot Ion:276 Resp: 13377

Ion Ratio Lower Upper

276 100

138 18.9 16.7 25.1

277 24.5 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

6000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

