

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
 Data File : BN002915.D
 Acq On : 03 Oct 2018 23:44
 Operator : MJ/SJ
 Sample : J5115-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 04:29:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 04 04:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	147755	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	655783	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	384058	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	840346	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	713718	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	594178	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	10103	3.15	ng/uL	0.00
5) Phenol-d5	6.82	99	225424	17.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	146307	18.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	194756	18.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	172295	17.73	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	95357	18.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	109981	19.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	188480	18.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	222200	18.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	595868	19.82	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	777924	19.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	63078	12.69	ng/ul	0.00
57) Fluorene-d10	15.26	176	539149	20.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	84768	16.13	ng/ul	0.00
70) Anthracene-d10	17.11	188	815744	20.33	ng/ul	0.00
78) Pyrene-d10	19.42	212	841217	22.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	628167	20.08	ng/ul	0.00

Target Compounds

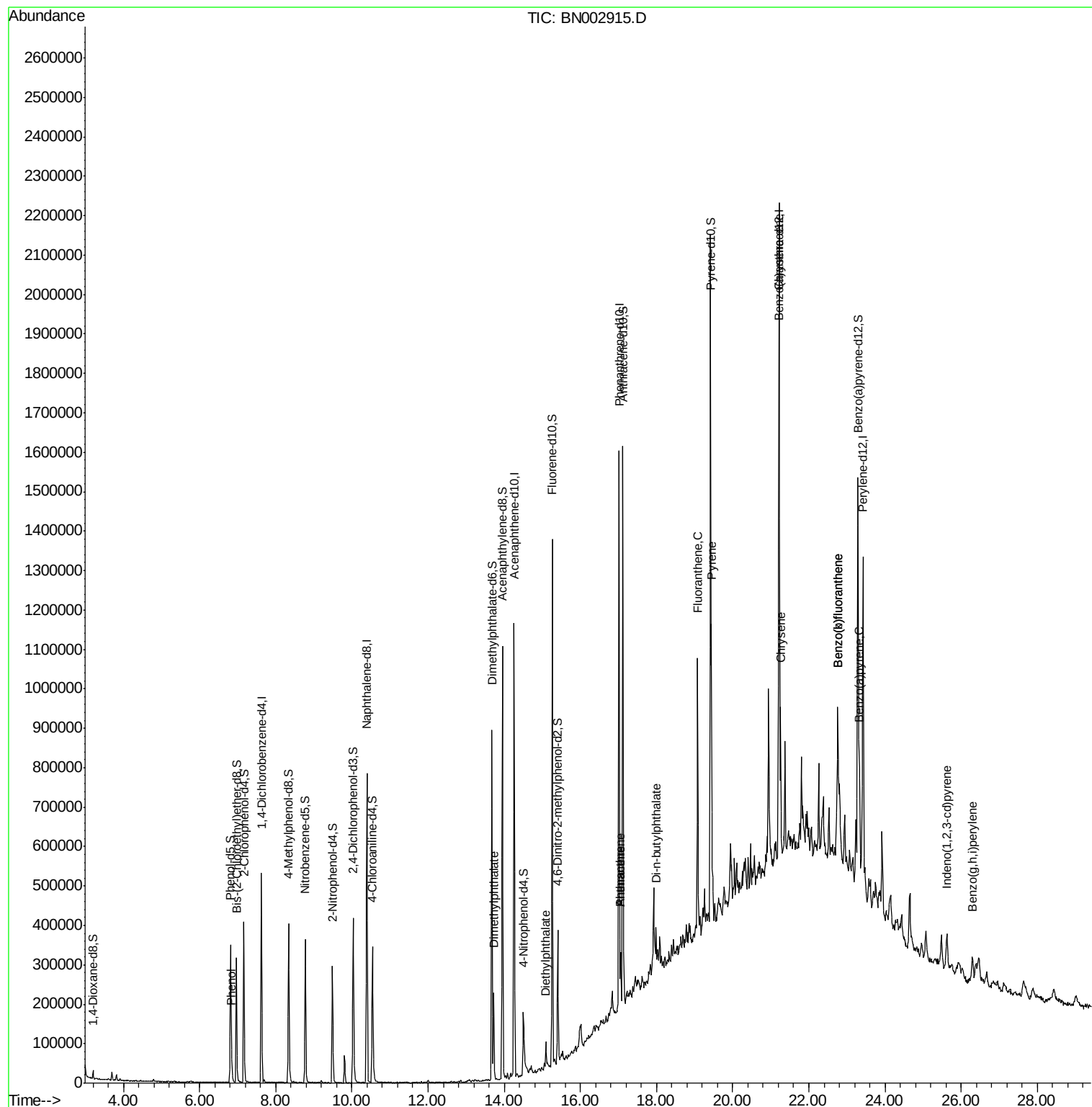
					Ovalue
6) Phenol	6.85	94	23258	1.838	ng/ul 98
44) Dimethylphthalate	13.72	163	149259	5.087	ng/ul 99
56) Diethylphthalate	15.10	149	38333	1.334	ng/ul 98
69) Phenanthrene	17.06	178	84972	1.835	ng/ul 97
71) Anthracene	17.06	178	84972	1.810	ng/ul 96
75) Di-n-butylphthalate	17.99	149	64787	1.340	ng/ul 96
76) Fluoranthene	19.08	202	402923	8.158	ng/ul 99
79) Pyrene	19.45	202	432856	9.173	ng/ul 99
82) Benzo(a)anthracene	21.20	228	192432	4.334	ng/ul 96
84) Chrysene	21.26	228	202171	4.858	ng/ul 98
87) Benzo(b)fluoranthene	22.77	252	204989	5.649	ng/ul# 88
88) Benzo(k)fluoranthene	22.77	252	204989	6.055	ng/ul# 90
90) Benzo(a)pyrene	23.33	252	148031	4.315	ng/ul# 96
91) Indeno(1,2,3-cd)pyrene	25.63	276	76876	1.893	ng/ul 97
93) Benzo(g,h,i)perylene	26.30	276	69453	2.046	ng/ul 96

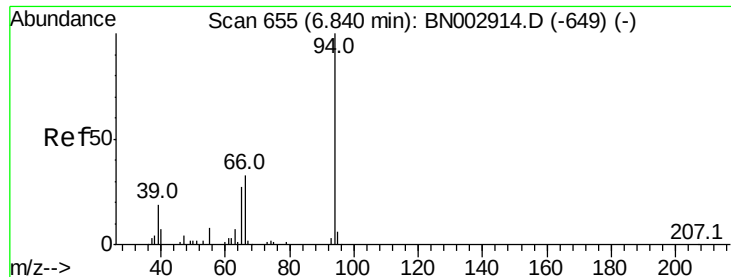
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 04:26:52 2018
Response via : Initial Calibration





#6

Phenol

Concen: 1.838 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. 0.01 min

Lab File: BN002915.D

Acq: 03 Oct 2018 23:44

Instrument :

BNA_N

ClientSampleId :

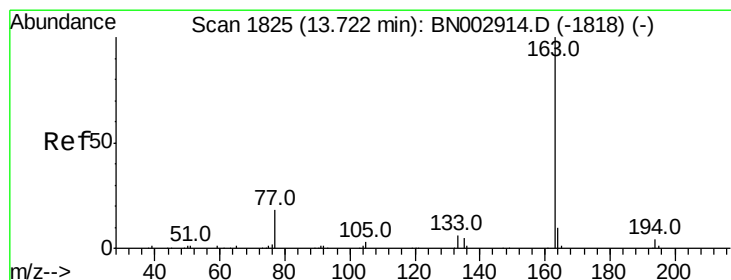
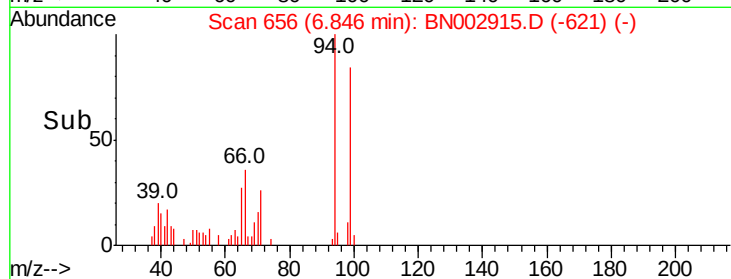
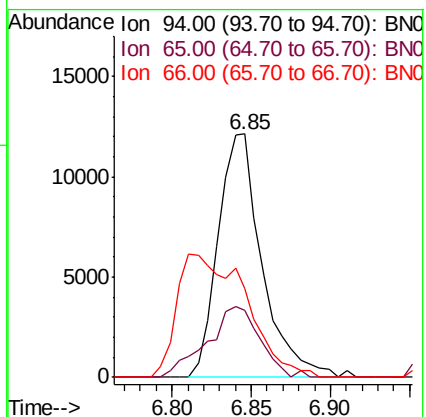
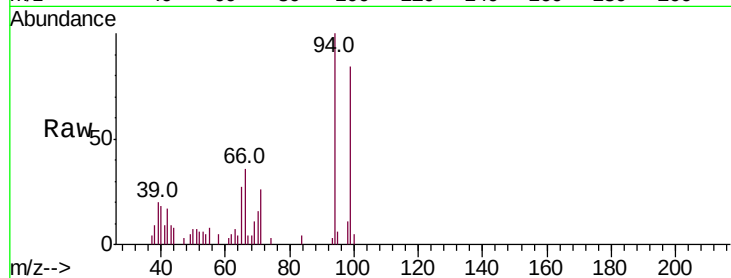
Tot Ion: 94 Resp: 23258

Ion Ratio Lower Upper

94 100

65 27.4 23.1 34.7

66 36.3 29.8 44.6



#44

Dimethylphthalate

Concen: 5.087 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BN002915.D

Acq: 03 Oct 2018 23:44

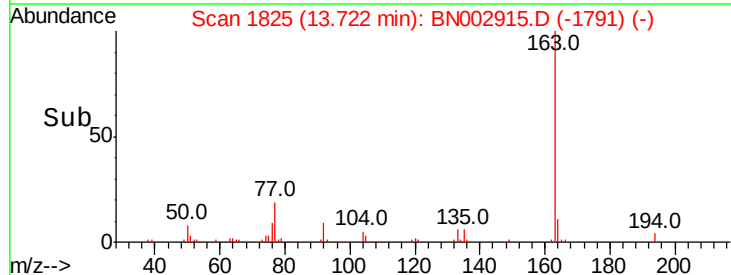
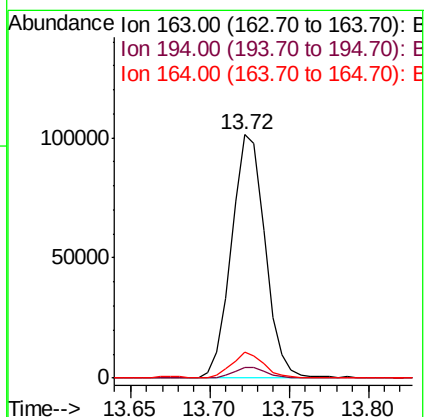
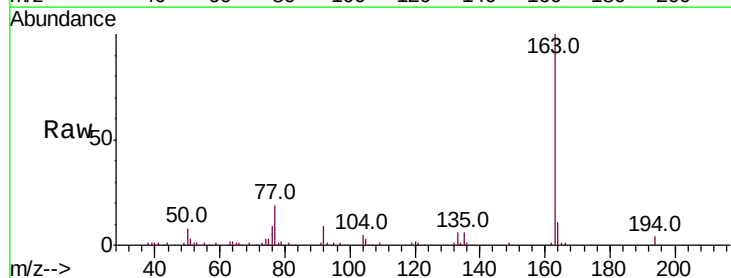
Tgt Ion:163 Resp: 149259

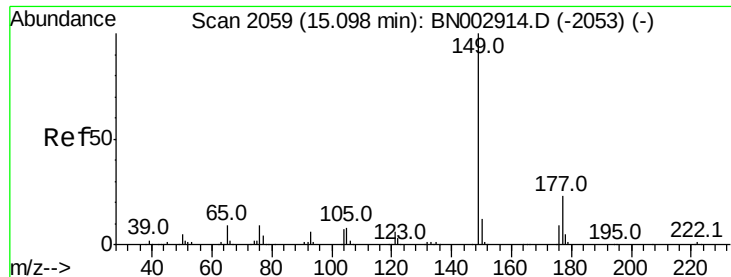
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.6 8.1 12.1

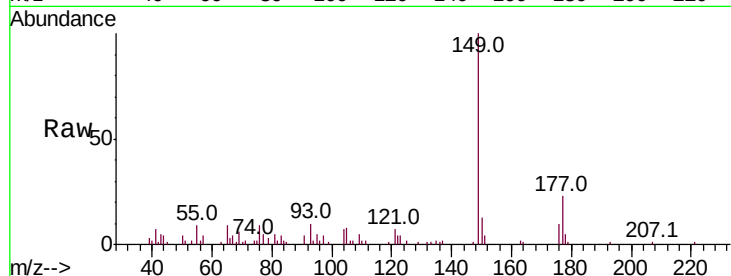




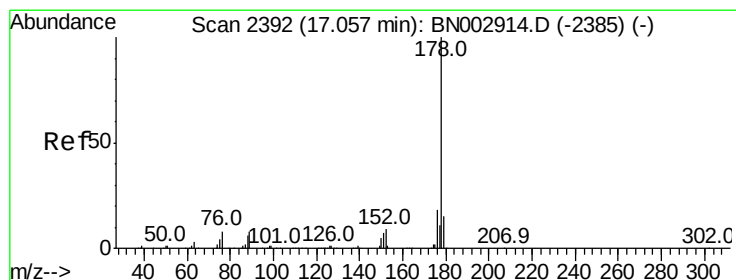
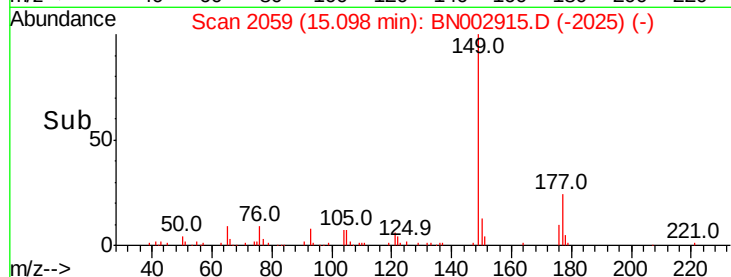
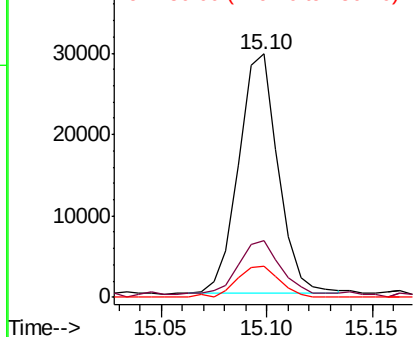
#56
Diethylphthalate
Concen: 1.334 ng/ul
RT: 15.10 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BN002915.D
Acq: 03 Oct 2018 23:44

Instrument :
BNA_N
ClientSampleId :

Tot Ion:149 Resp: 38333
Ion Ratio Lower Upper
149 100
177 23.3 17.8 26.8
150 12.8 9.8 14.8

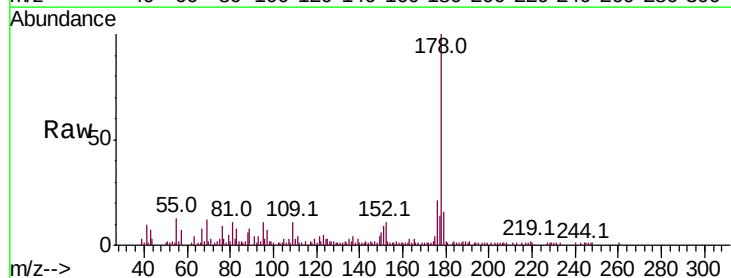


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

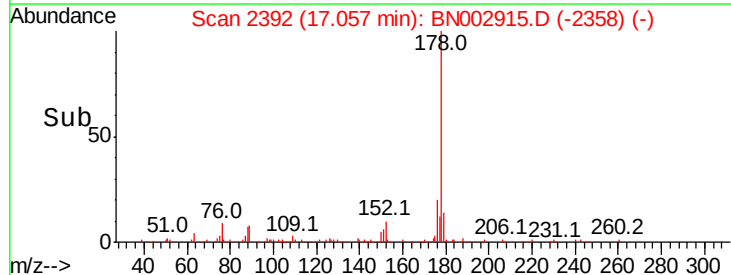
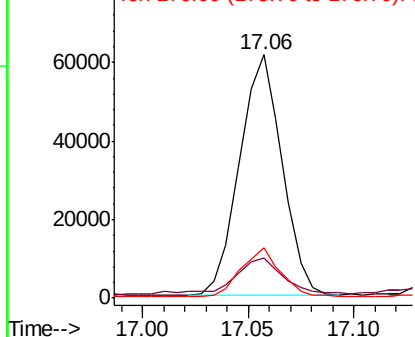


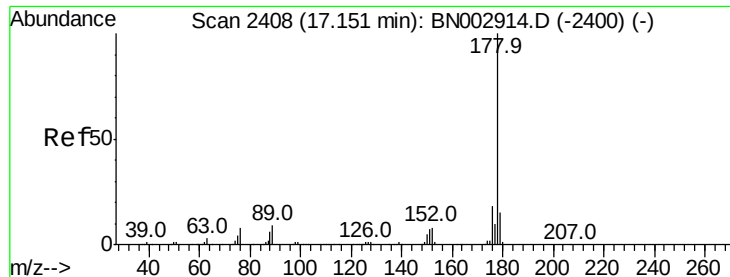
#69
Phenanthrene
Concen: 1.835 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BN002915.D
Acq: 03 Oct 2018 23:44

Tgt Ion:178 Resp: 84972
Ion Ratio Lower Upper
178 100
179 16.2 12.2 18.4
176 20.5 15.0 22.6



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

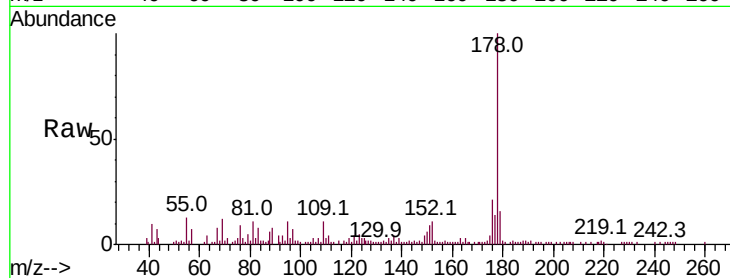




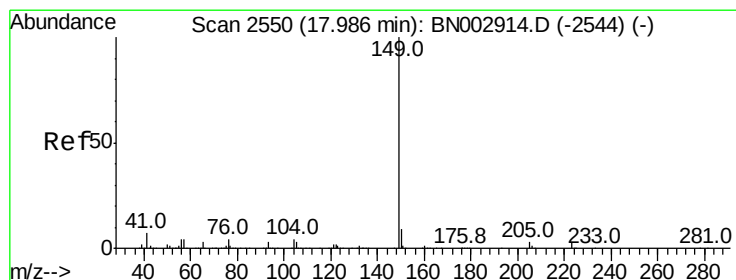
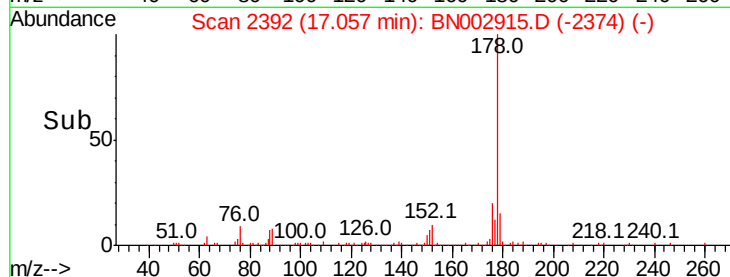
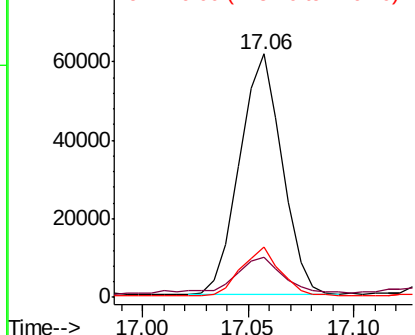
#71
 Anthracene
 Concen: 1.810 ng/ul
 RT: 17.06 min Scan# 2392
 Delta R.T. -0.09 min
 Lab File: BN002915.D
 Acq: 03 Oct 2018 23:44

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:178 Resp: 84972
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.0 18.0
 176 20.5 15.0 22.4

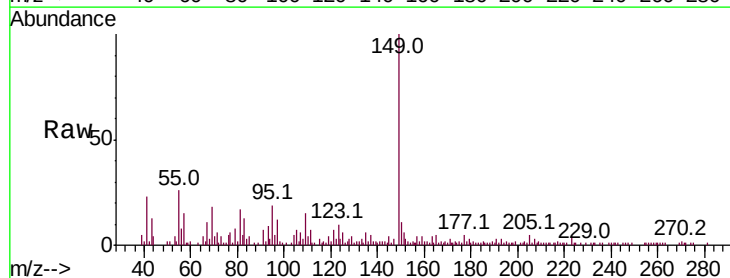


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

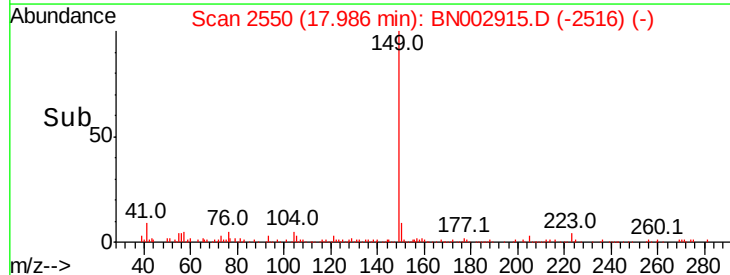
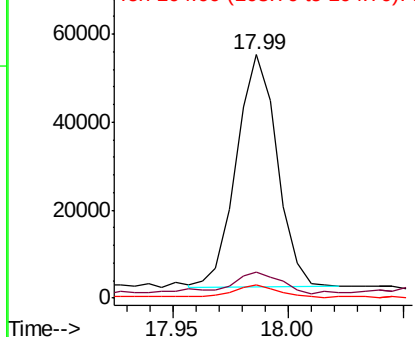


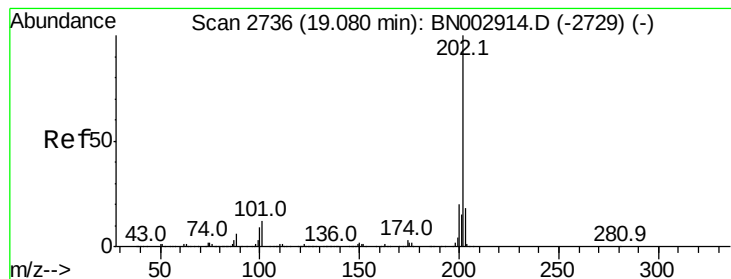
#75
 Di-n-butylphthalate
 Concen: 1.340 ng/ul
 RT: 17.99 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BN002915.D
 Acq: 03 Oct 2018 23:44

Tgt Ion:149 Resp: 64787
 Ion Ratio Lower Upper
 149 100
 150 10.8 7.3 10.9
 104 5.2 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 8.158 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BN002915.D

Acq: 03 Oct 2018 23:44

Instrument :

BNA_N

ClientSampleId :

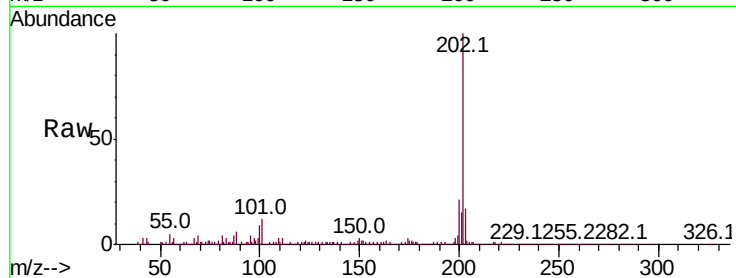
Tot Ion:202 Resp: 402923

Ion Ratio Lower Upper

202 100

101 12.0 9.4 14.2

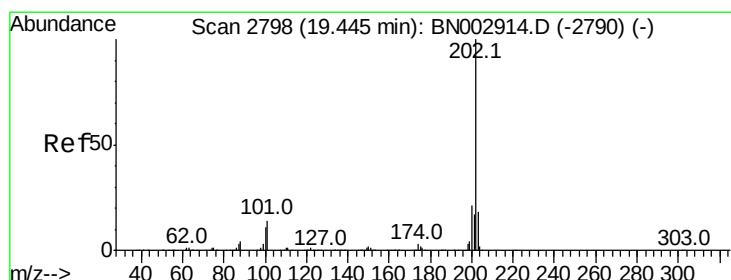
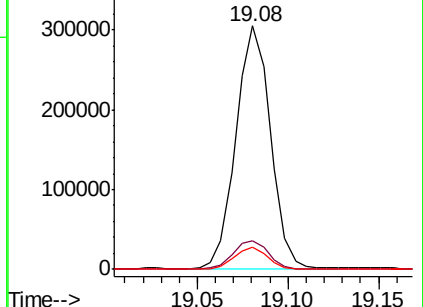
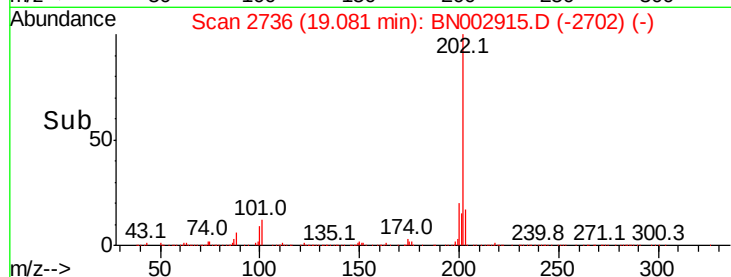
100 9.2 7.0 10.6



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



#79

Pyrene

Concen: 9.173 ng/ul

RT: 19.45 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BN002915.D

Acq: 03 Oct 2018 23:44

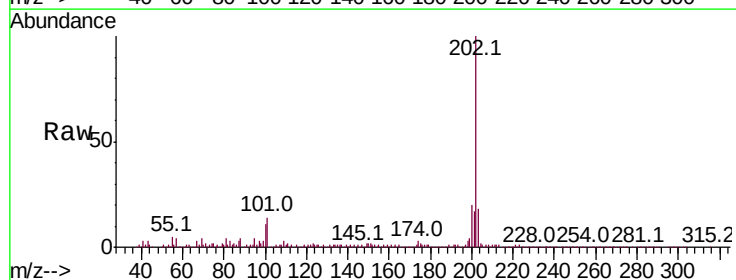
Tgt Ion:202 Resp: 432856

Ion Ratio Lower Upper

202 100

101 13.6 10.8 16.2

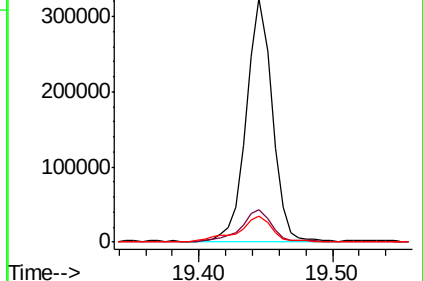
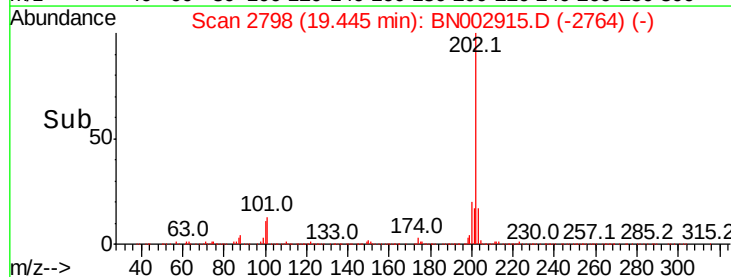
100 10.8 8.2 12.2

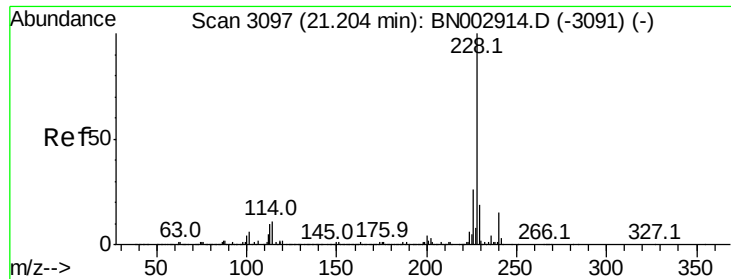


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 4.334 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BN002915.D

Acq: 03 Oct 2018 23:44

Instrument :

BNA_N

ClientSampleId :

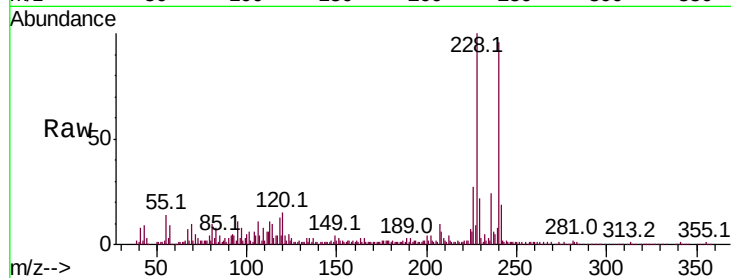
Tot Ion:228 Resp: 192432

Ion Ratio Lower Upper

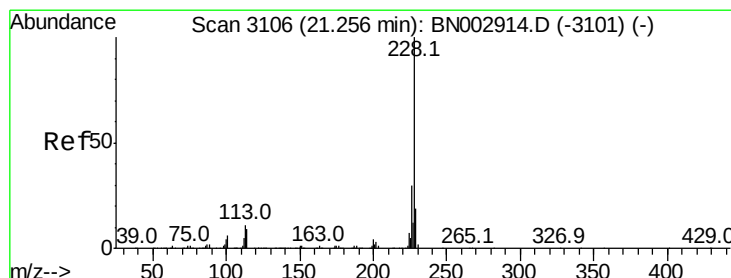
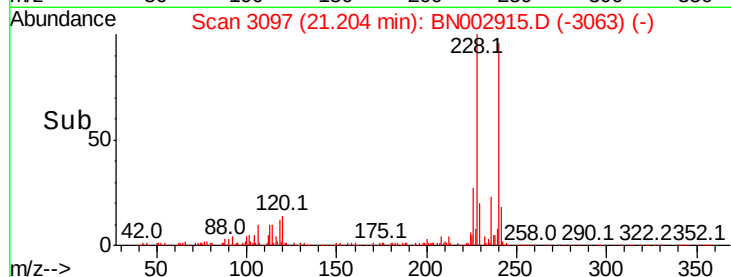
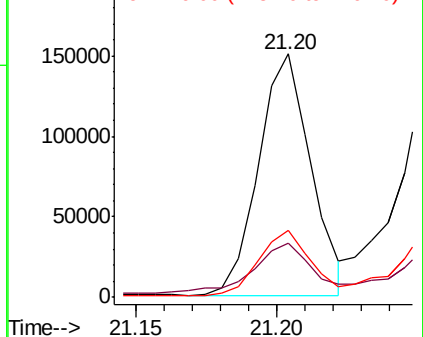
228 100

229 22.0 15.8 23.6

226 27.4 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: 4.858 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN002915.D

Acq: 03 Oct 2018 23:44

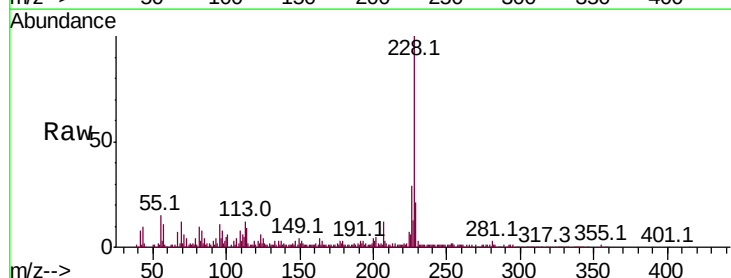
Tgt Ion:228 Resp: 202171

Ion Ratio Lower Upper

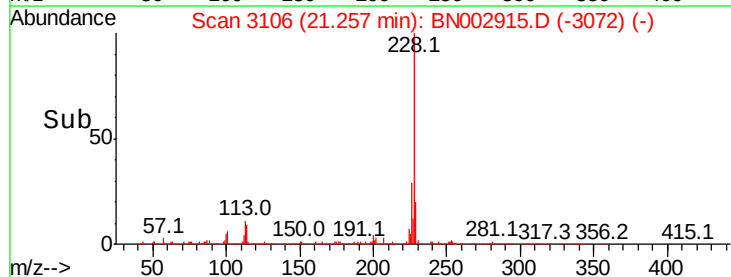
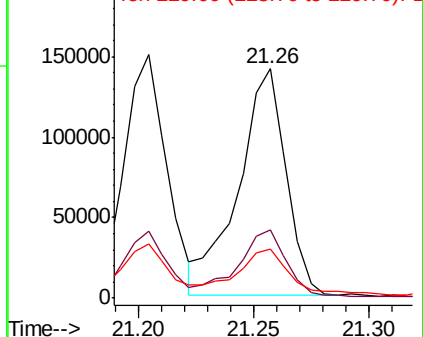
228 100

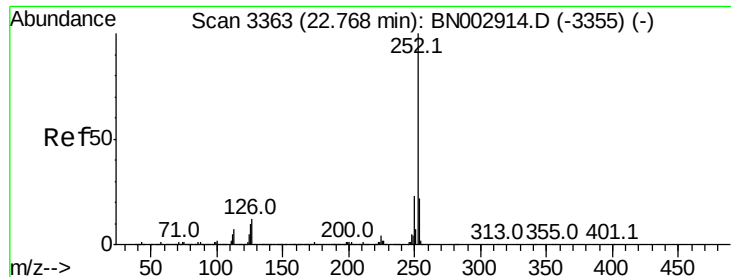
226 29.5 23.4 35.0

229 21.2 15.7 23.5



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: 5.649 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BN002915.D

Acq: 03 Oct 2018 23:44

Instrument :

BNA_N

ClientSampleId :

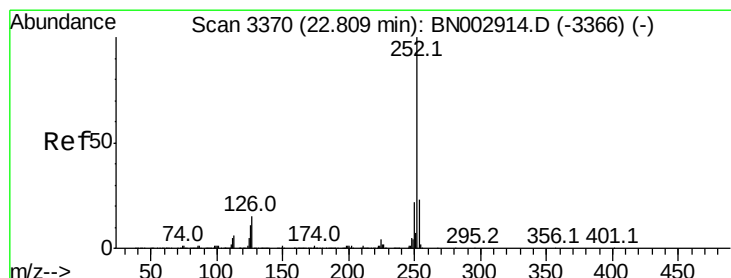
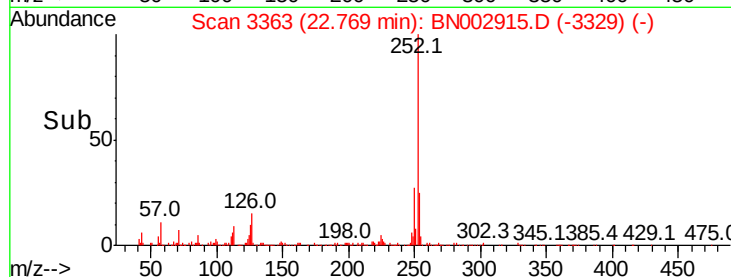
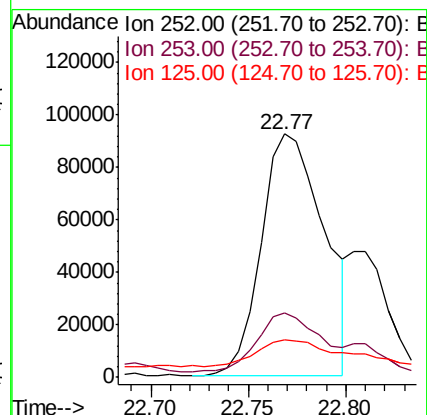
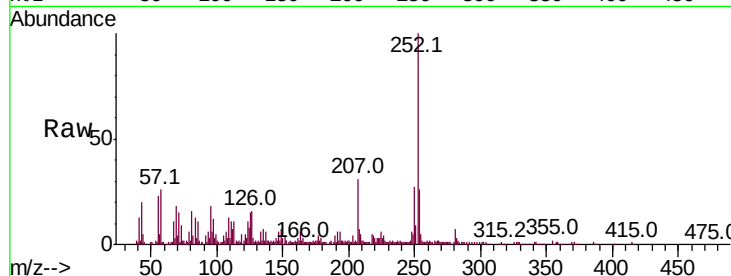
Tot Ion:252 Resp: 204989

Ion Ratio Lower Upper

252 100

253 26.4 17.0 25.4#

125 15.2 8.0 12.0#



#88

Benzo(k)fluoranthene

Concen: 6.055 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.04 min

Lab File: BN002915.D

Acq: 03 Oct 2018 23:44

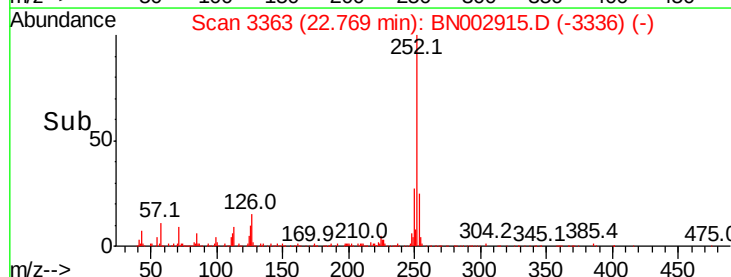
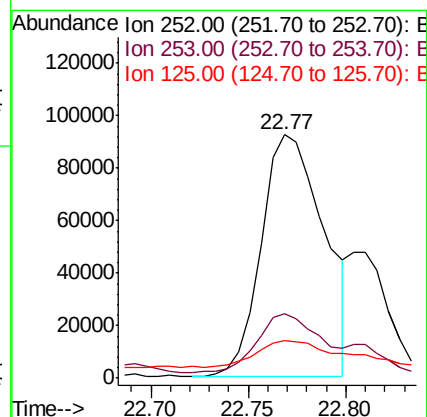
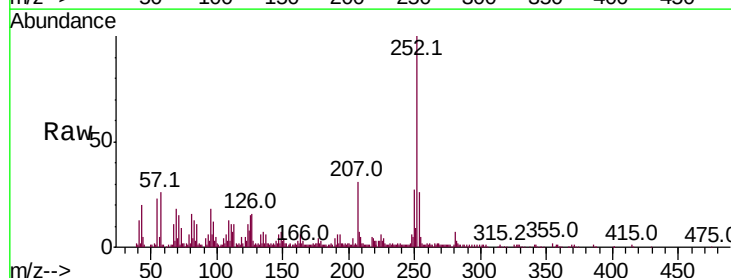
Tgt Ion:252 Resp: 204989

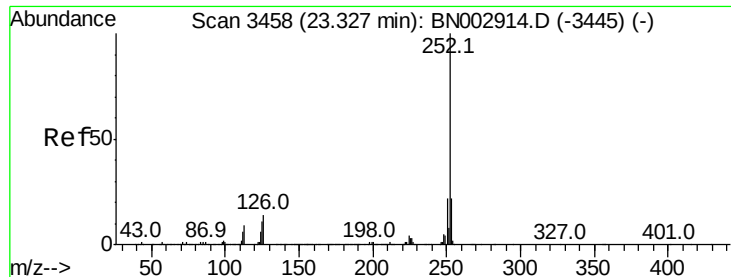
Ion Ratio Lower Upper

252 100

253 26.4 17.8 26.8

125 15.2 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 4.315 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. 0.00 min

Lab File: BN002915.D

Acq: 03 Oct 2018 23:44

Instrument :

BNA_N

ClientSampled :

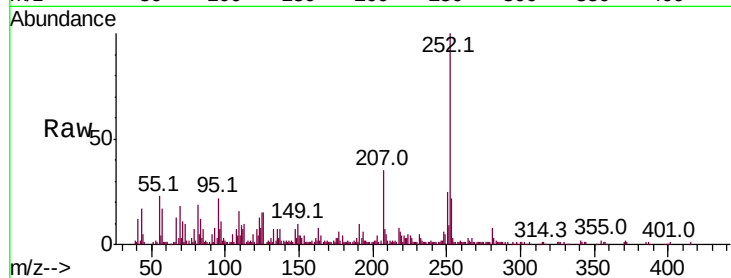
Tot Ion:252 Resp: 148031

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

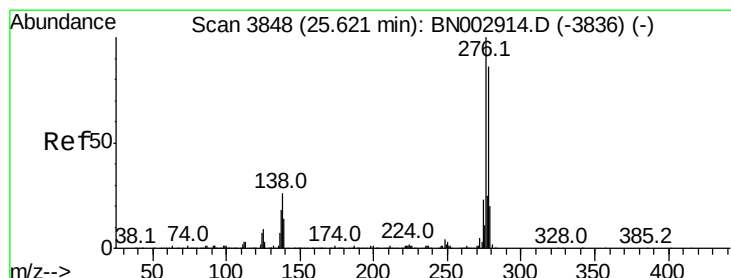
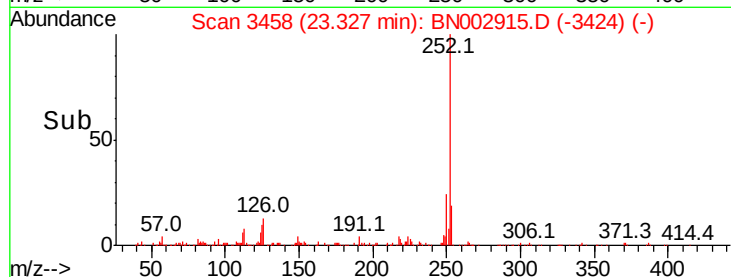
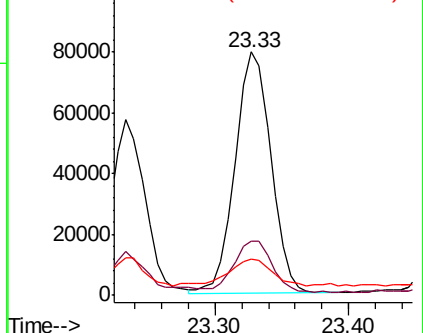
125 15.1 8.8 13.2#



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.893 ng/ul

RT: 25.63 min Scan# 3849

Delta R.T. 0.01 min

Lab File: BN002915.D

Acq: 03 Oct 2018 23:44

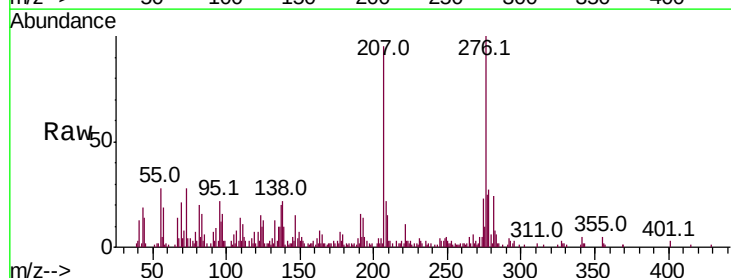
Tgt Ion:276 Resp: 76876

Ion Ratio Lower Upper

276 100

138 22.2 20.2 30.4

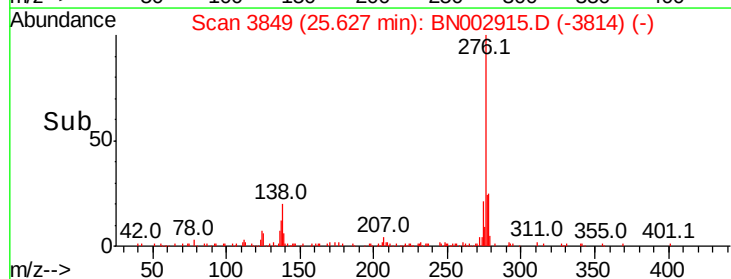
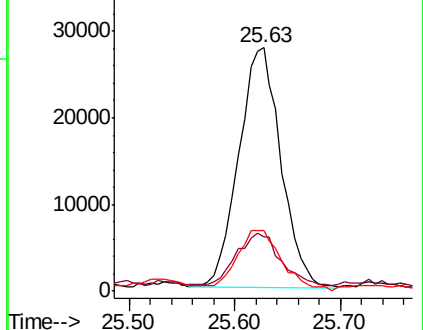
277 24.8 20.0 30.0

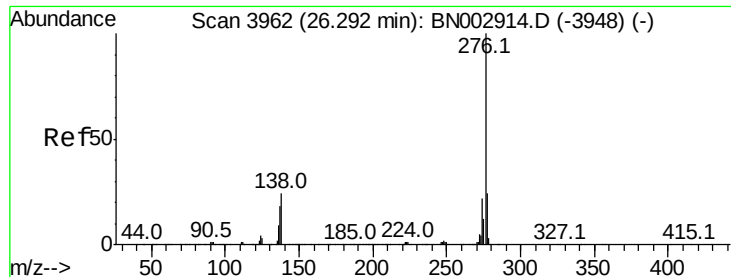


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.046 ng/ul

RT: 26.30 min Scan# 3963

Delta R.T. 0.01 min

Lab File: BN002915.D

Acq: 03 Oct 2018 23:44

Instrument :

BNA_N

ClientSampleId :

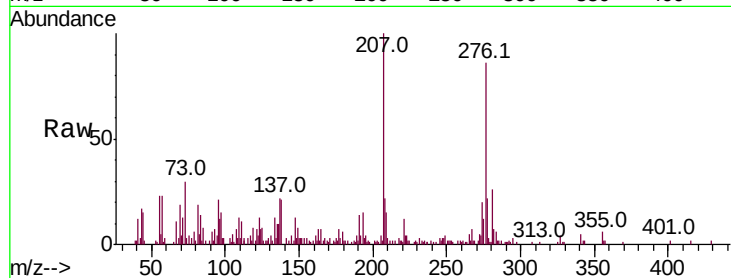
Tot Ion:276 Resp: 69453

Ion Ratio Lower Upper

276 100

138 24.0 18.2 27.2

277 25.8 18.6 28.0



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

