

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
 Data File : BN002916.D
 Acq On : 04 Oct 2018 00:19
 Operator : MJ/SJ
 Sample : J5114-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 04:29:51 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	135589	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	604331	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	352976	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	792484	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	709805	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	572674	20.00	ng/ul	0.00

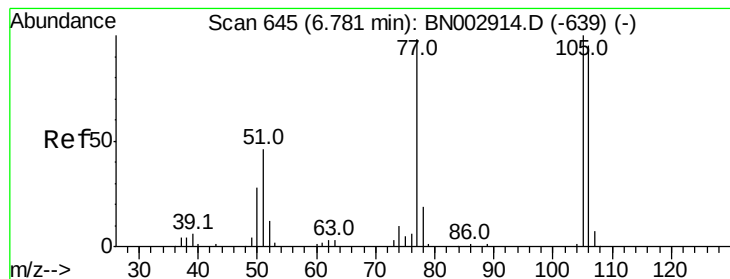
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	10262	3.49	ng/uL	0.00
5) Phenol-d5	6.82	99	223120	19.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	146786	20.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	194540	20.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	168135	18.85	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	95155	20.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	110222	20.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	187789	19.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	222647	20.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	597900	21.64	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	766809	21.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	66117	14.47	ng/ul	0.00
57) Fluorene-d10	15.26	176	541833	22.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	74278	14.98	ng/ul	0.00
70) Anthracene-d10	17.11	188	824195	21.78	ng/ul	0.00
78) Pyrene-d10	19.42	212	873278	23.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	657313	21.81	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.79	77	8173	1.298	ng/ul#	63
6) Phenol	6.84	94	23553	2.029	ng/ul	93
14) Acetophenone	8.45	105	15062	1.096	ng/ul	97
44) Dimethylphthalate	13.72	163	163568	6.066	ng/ul	99
69) Phenanthrene	17.06	178	218581	5.006	ng/ul	100
71) Anthracene	17.15	178	47870	1.081	ng/ul	97
75) Di-n-butylphthalate	17.99	149	221445	4.858	ng/ul	99
76) Fluoranthene	19.08	202	437303	9.389	ng/ul	100
79) Pyrene	19.45	202	388041	8.268	ng/ul	98
80) Butylbenzylphthalate	20.36	149	103846	5.318	ng/ul	96
82) Benzo(a)anthracene	21.20	228	179493	4.065	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.14	149	567177	20.005	ng/ul	98
84) Chrysene	21.26	228	352961	8.528	ng/ul	99
86) Di-n-octyl phthalate	22.02	149	38867	1.027	ng/ul#	1
87) Benzo(b)fluoranthene	22.77	252	349487	9.993	ng/ul#	93
88) Benzo(k)fluoranthene	22.81	252	93667	2.871	ng/ul#	93
90) Benzo(a)pyrene	23.33	252	135803	4.107	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	25.63	276	138519	3.539	ng/ul	95
92) Dibenzo(a,h)anthracene	25.62	278	34487	1.046	ng/ul#	85
93) Benzo(g,h,i)perylene	26.29	276	155488	4.752	ng/ul	96

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



#4

Benzaldehyde

Concen: 1.298 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. 0.01 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

Instrument :

BNA_N

ClientSampleId :

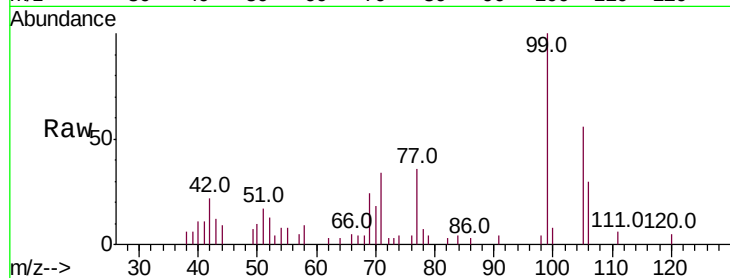
Tot Ion: 77 Resp: 8173

Ion Ratio Lower Upper

77 100

105 155.8 76.2 114.4#

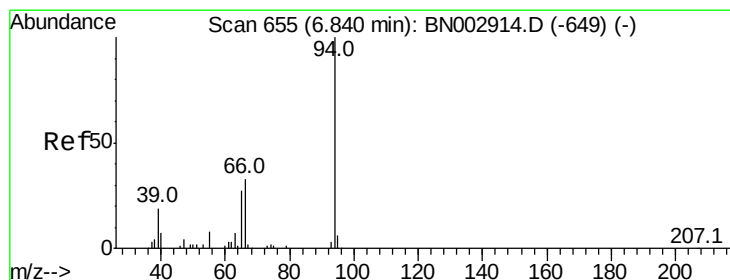
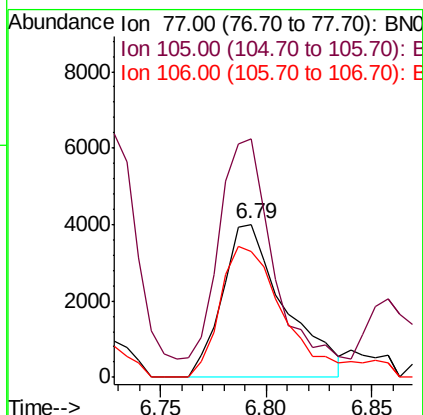
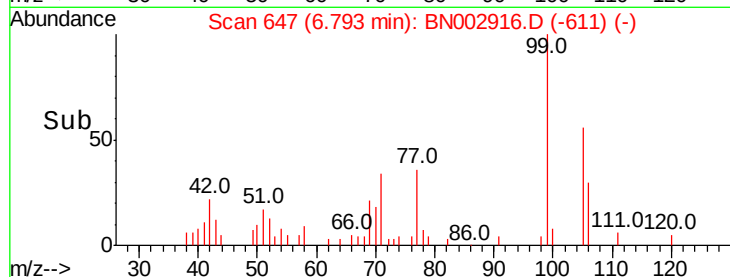
106 82.4 74.2 111.2



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#6

Phenol

Concen: 2.029 ng/ul

RT: 6.84 min Scan# 655

Delta R.T. 0.00 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

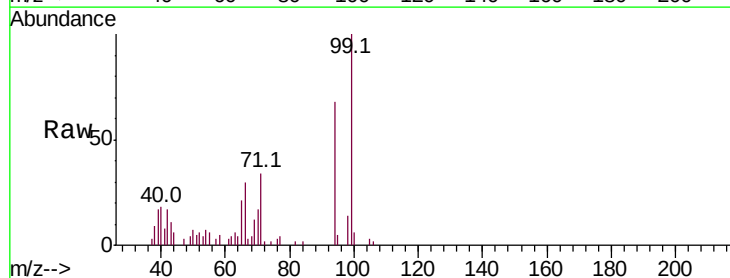
Tgt Ion: 94 Resp: 23553

Ion Ratio Lower Upper

94 100

65 30.4 23.1 34.7

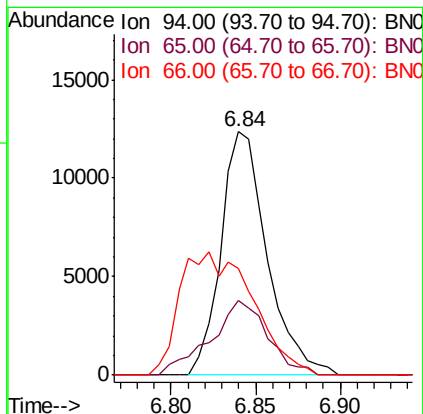
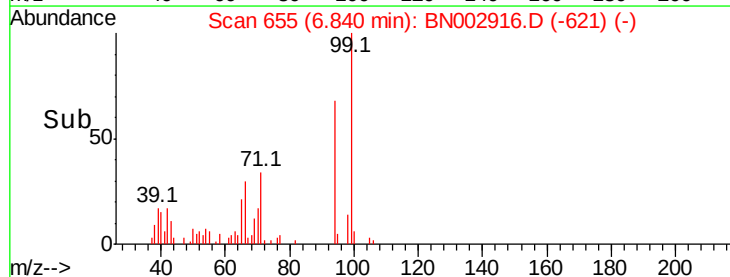
66 43.7 29.8 44.6

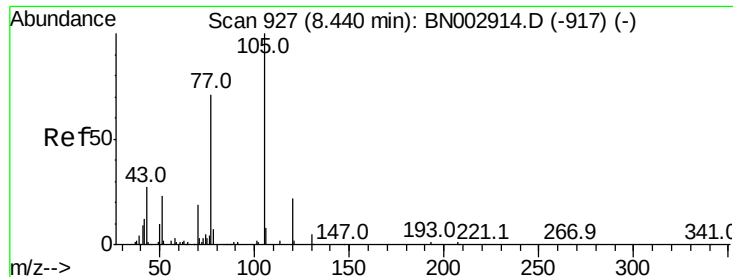


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC





#14

Acetophenone

Concen: 1.096 ng/ul

RT: 8.45 min Scan# 929

Delta R.T. 0.01 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

Instrument :

BNA_N

ClientSampled :

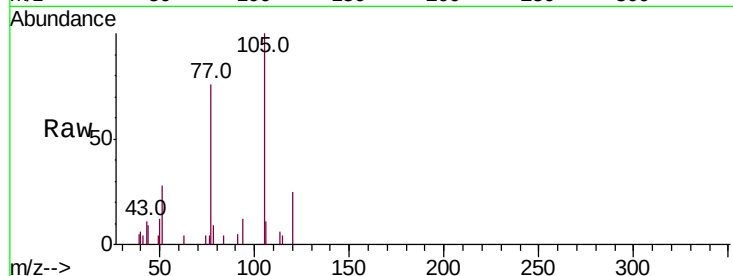
Tot Ion:105 Resp: 15062

Ion Ratio Lower Upper

105 100

77 76.2 62.9 94.3

51 28.5 21.9 32.9



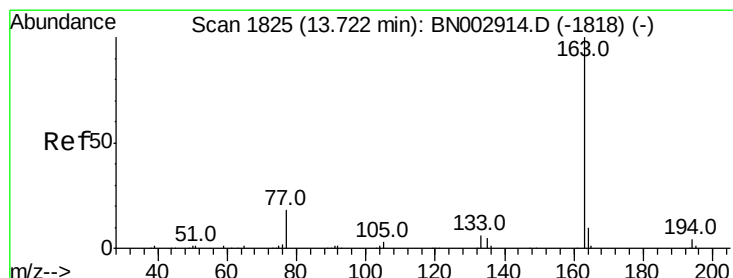
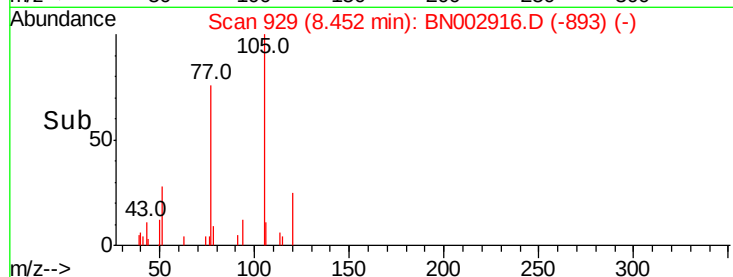
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNO

Ion 51.00 (50.70 to 51.70): BNO

8.45

Time-->



#44

Dimethylphthalate

Concen: 6.066 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

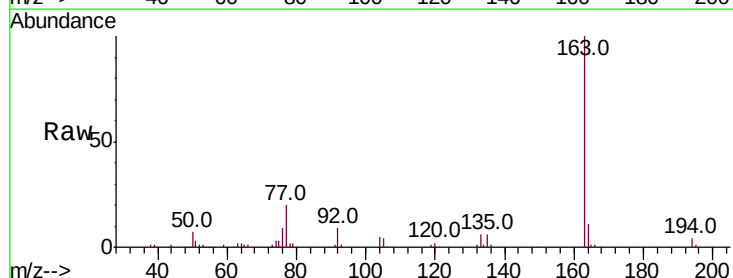
Tgt Ion:163 Resp: 163568

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.7 8.1 12.1



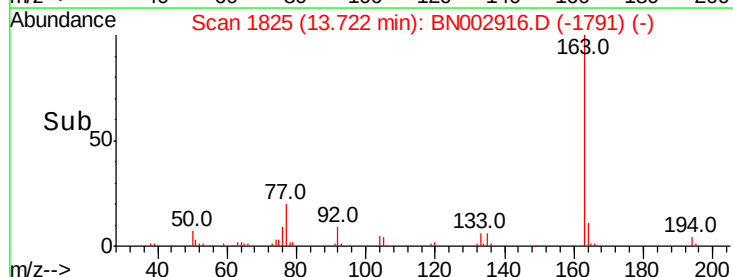
Abundance Ion 163.00 (162.70 to 163.70): E

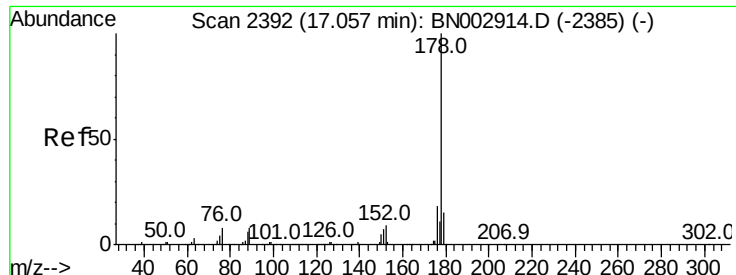
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.72

Time-->





#69

Phenanthrene

Concen: 5.006 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

Instrument :

BNA_N

ClientSampleId :

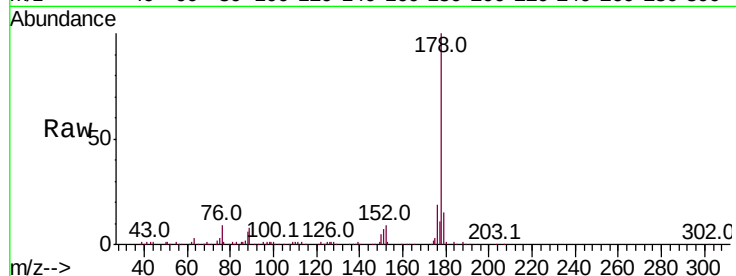
Tot Ion:178 Resp: 218581

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

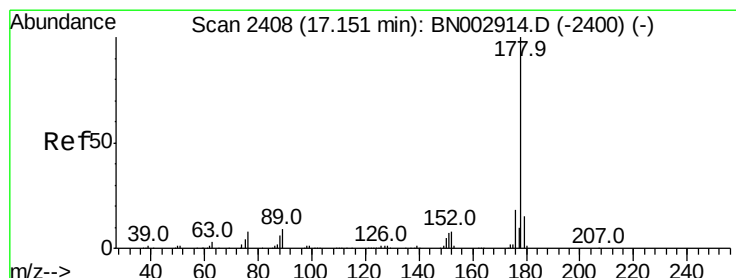
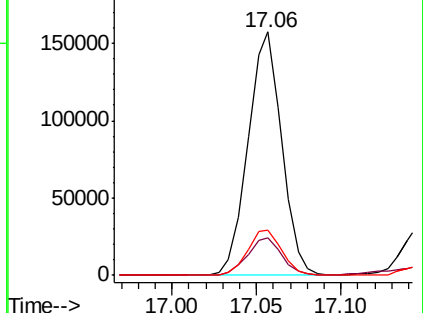
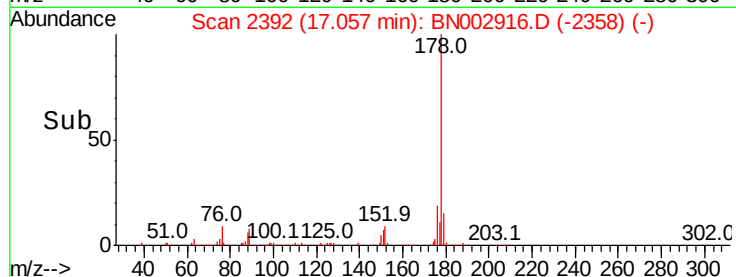
176 18.8 15.0 22.6



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: 1.081 ng/ul

RT: 17.15 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

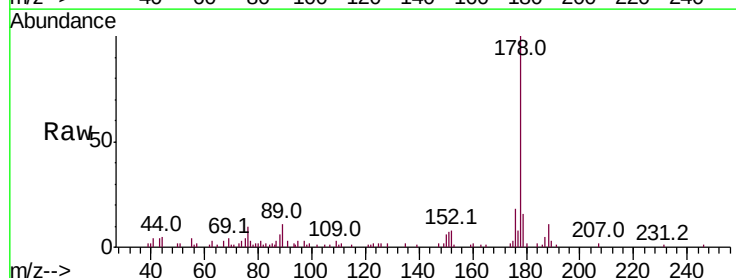
Tgt Ion:178 Resp: 47870

Ion Ratio Lower Upper

178 100

179 16.4 12.0 18.0

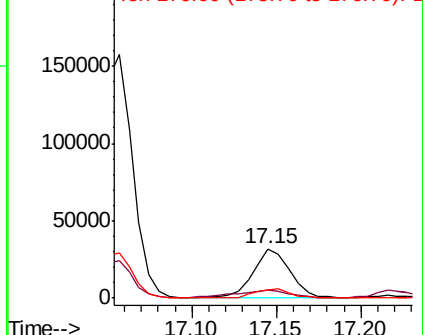
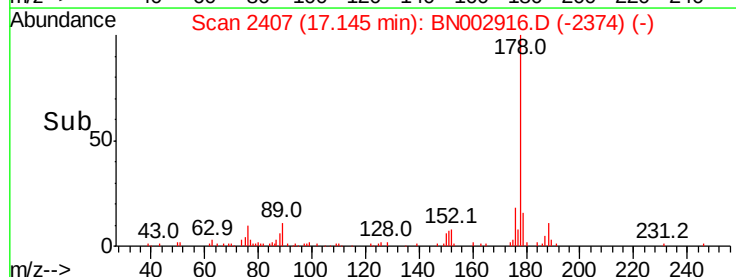
176 17.6 15.0 22.4

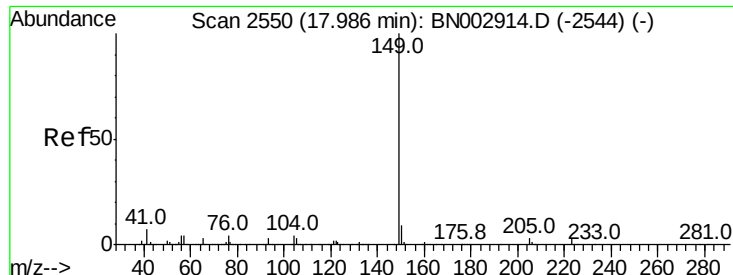


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Di-n-butylphthalate

Concen: 4.858 ng/ul

RT: 17.99 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

Instrument :

BNA_N

ClientSampleId :

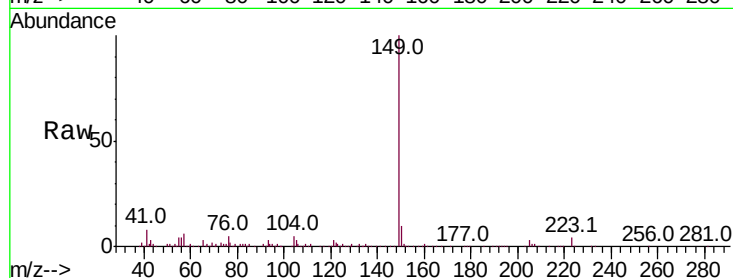
Tot Ion:149 Resp: 221445

Ion Ratio Lower Upper

149 100

150 9.6 7.3 10.9

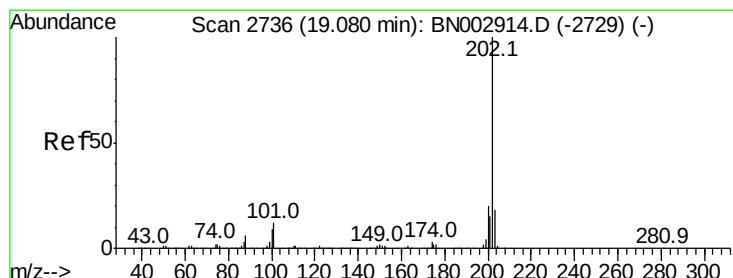
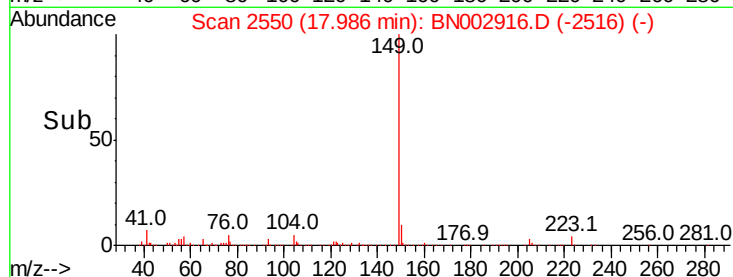
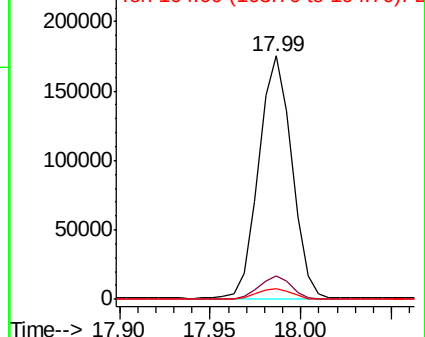
104 4.6 3.7 5.5



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: 9.389 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

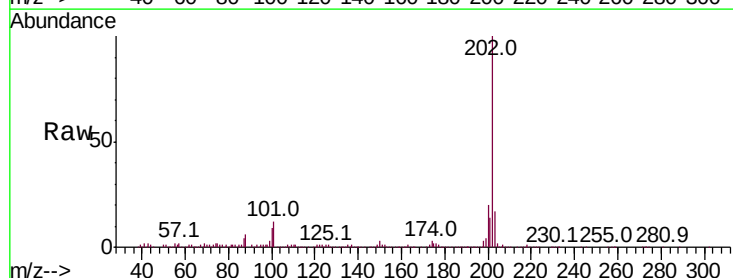
Tgt Ion:202 Resp: 437303

Ion Ratio Lower Upper

202 100

101 12.0 9.4 14.2

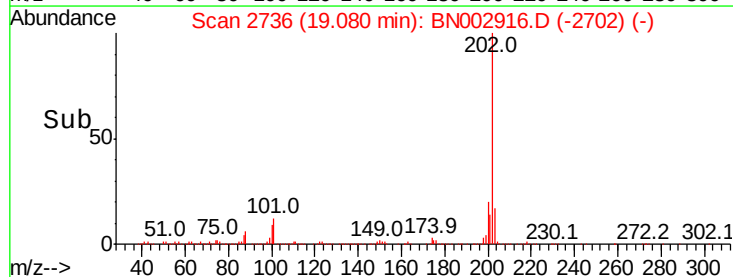
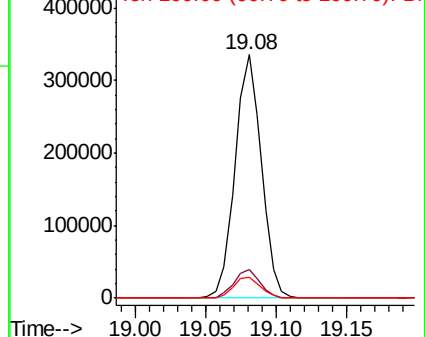
100 8.8 7.0 10.6

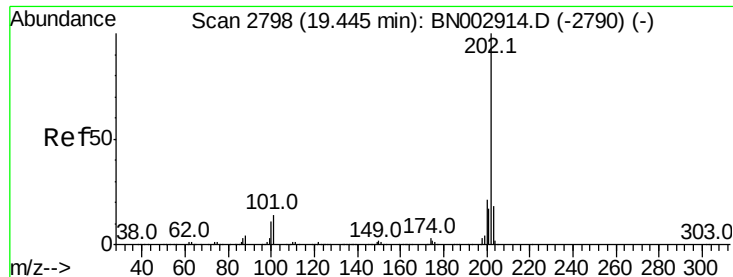


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 8.268 ng/ul

RT: 19.45 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

Instrument :

BNA_N

ClientSampleId :

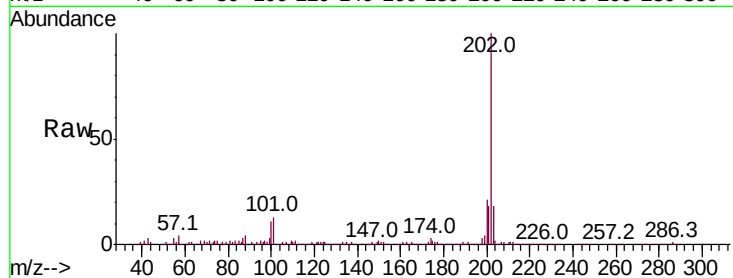
Tot Ion:202 Resp: 388041

Ion Ratio Lower Upper

202 100

101 12.7 10.8 16.2

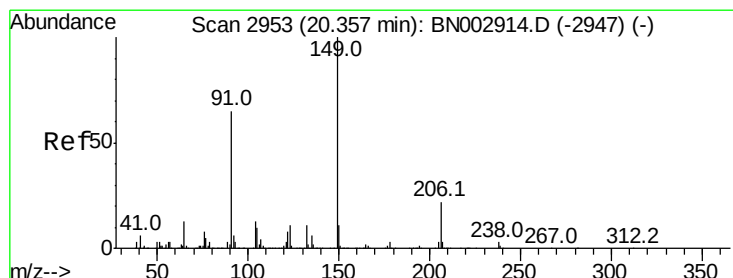
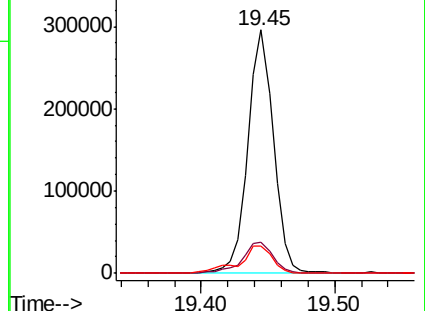
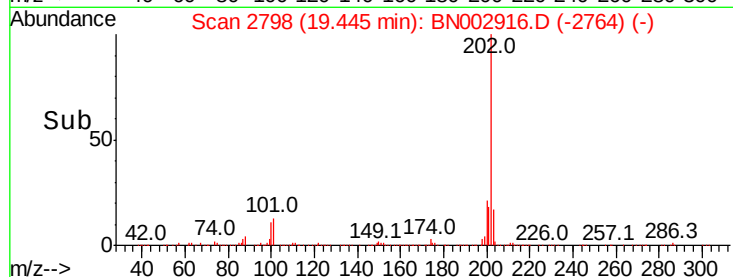
100 11.1 8.2 12.2



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



#80

Butylbenzylphthalate

Concen: 5.318 ng/ul

RT: 20.36 min Scan# 2953

Delta R.T. 0.00 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

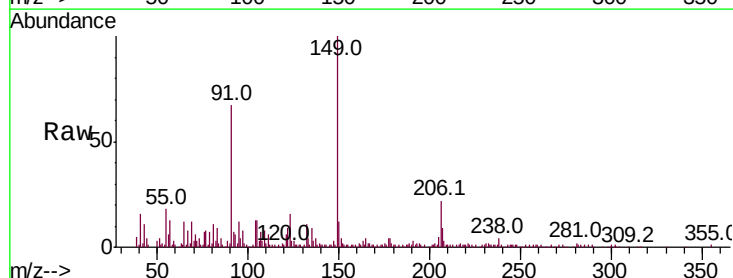
Tgt Ion:149 Resp: 103846

Ion Ratio Lower Upper

149 100

91 67.0 56.3 84.5

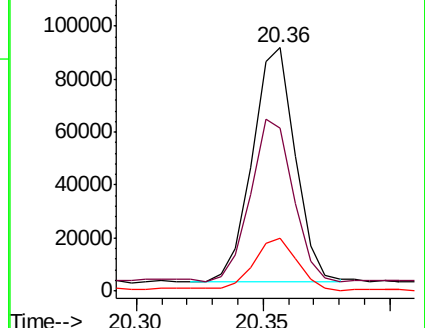
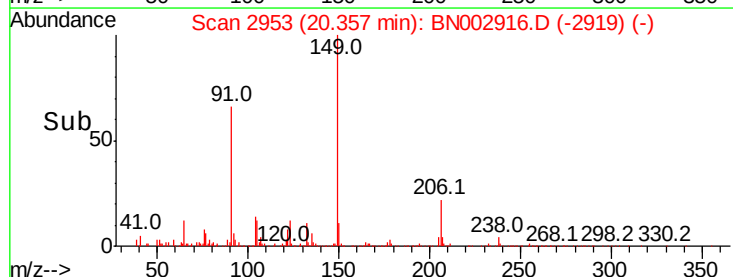
206 21.9 16.8 25.2

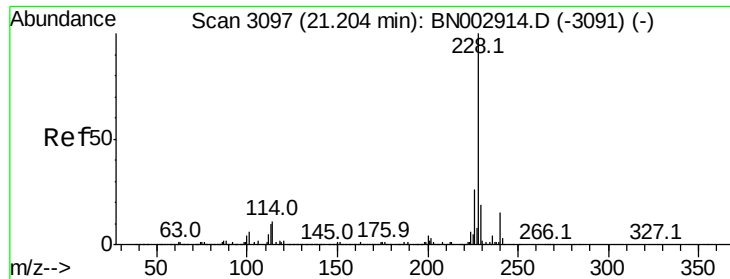


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 4.065 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

Instrument :

BNA_N

ClientSampled :

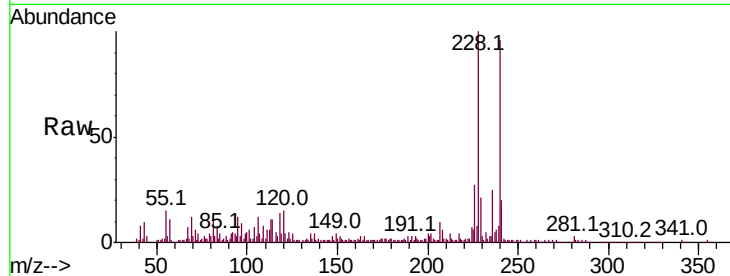
Tot Ion:228 Resp: 179493

Ion Ratio Lower Upper

228 100

229 21.5 15.8 23.6

226 26.9 20.9 31.3

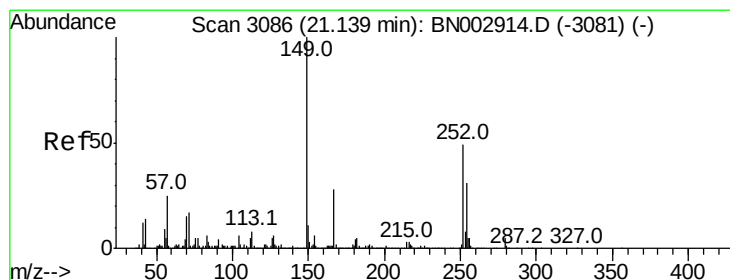
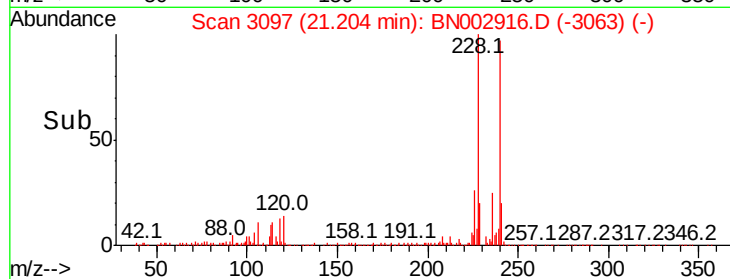
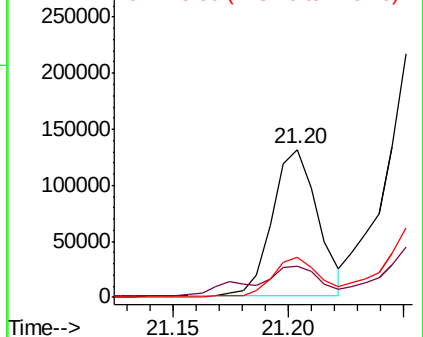


Abundance

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 20.005 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

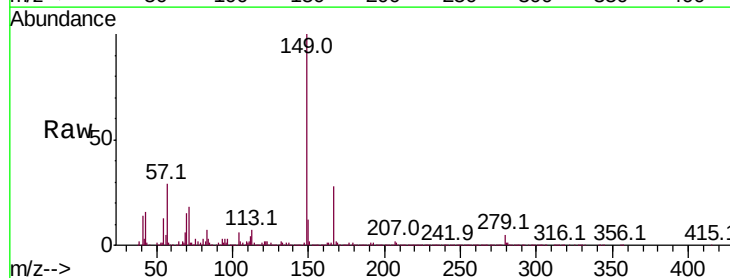
Tgt Ion:149 Resp: 567177

Ion Ratio Lower Upper

149 100

167 28.3 22.0 33.0

279 4.7 3.3 4.9

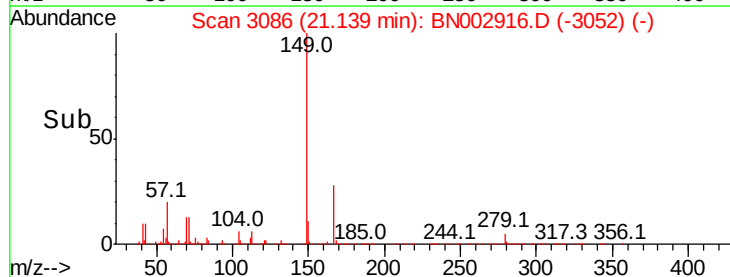
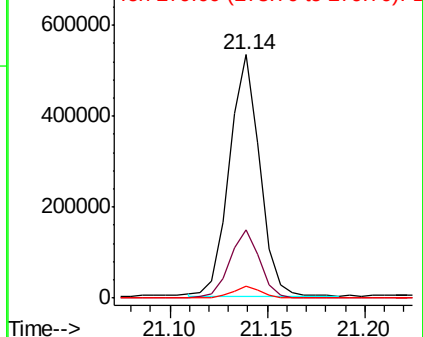


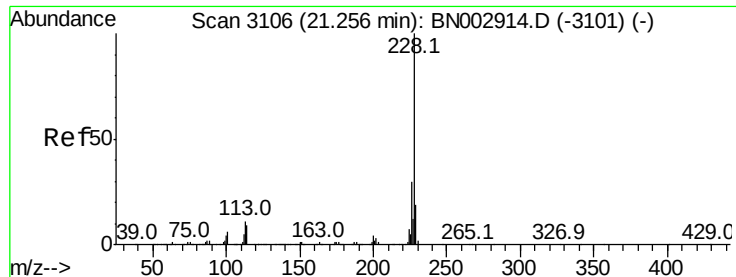
Abundance

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: 8.528 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

Instrument :

BNA_N

ClientSampleId :

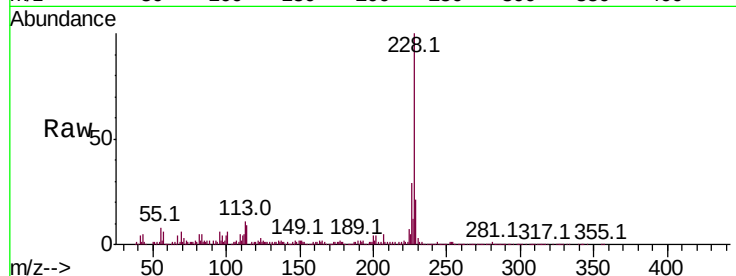
Tot Ion:228 Resp: 352961

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.0

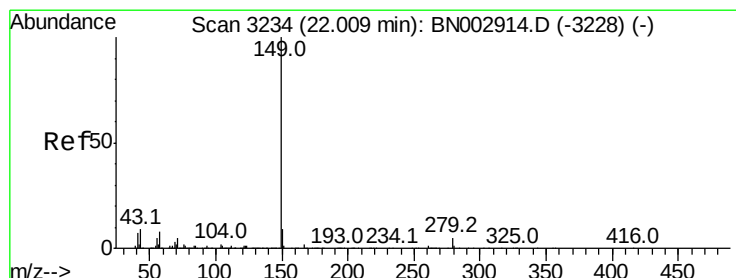
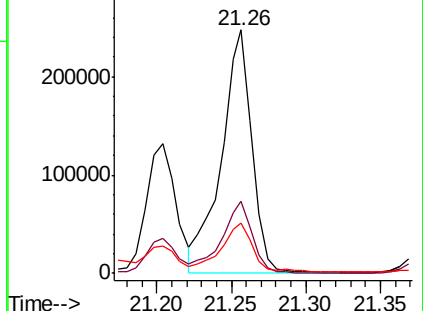
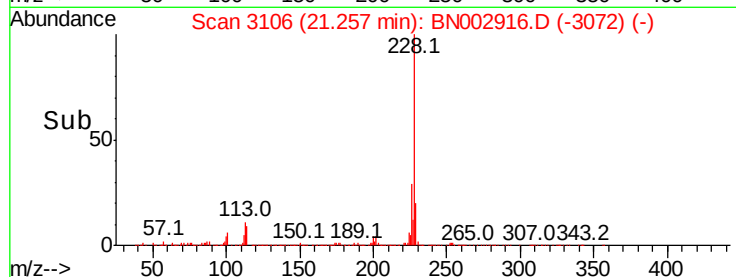
229 20.8 15.7 23.5



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



#86

Di-n-octyl phthalate

Concen: 1.027 ng/ul

RT: 22.02 min Scan# 3235

Delta R.T. 0.01 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

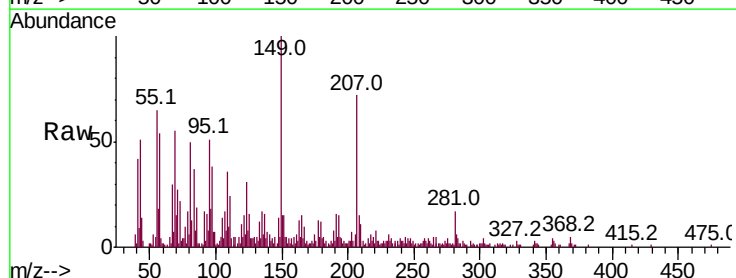
Tgt Ion:149 Resp: 38867

Ion Ratio Lower Upper

149 100

167 9.9 1.4 2.0#

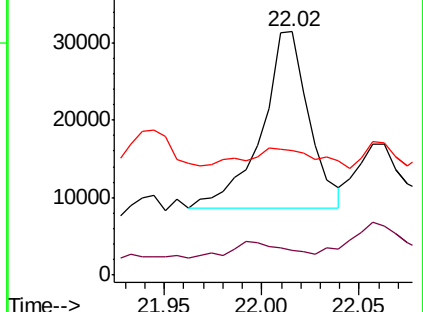
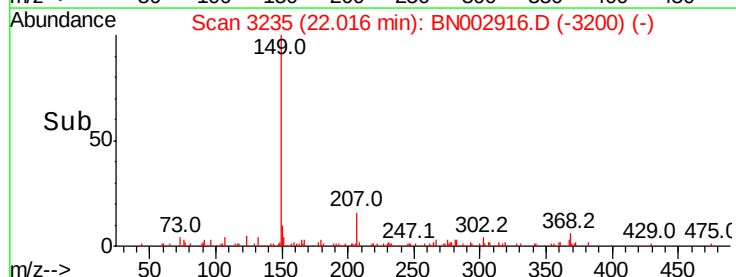
43 51.2 7.4 11.0#

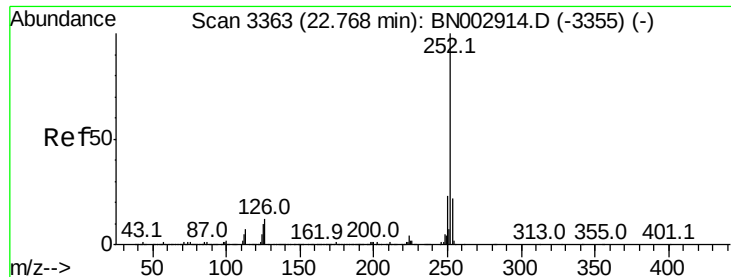


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

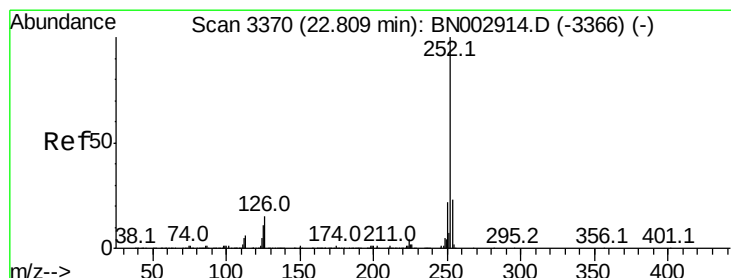
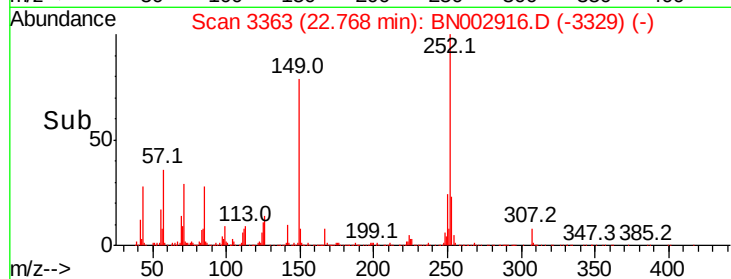
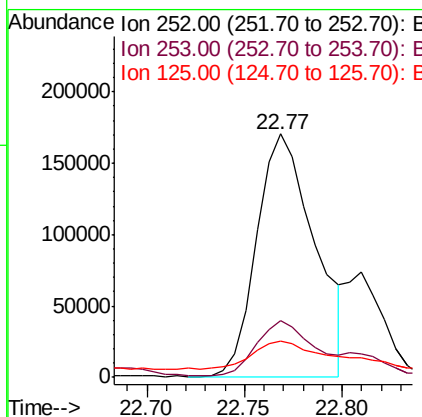
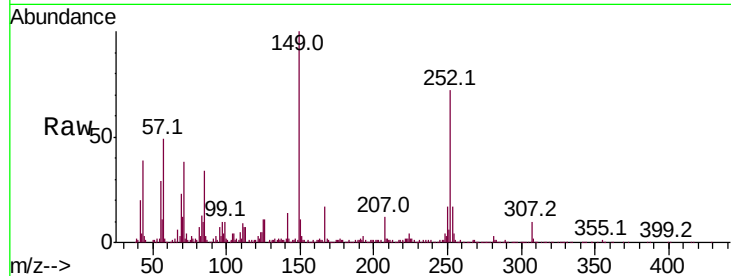




#87
Benzo(b)fluoranthene
Concen: 9.993 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. 0.00 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

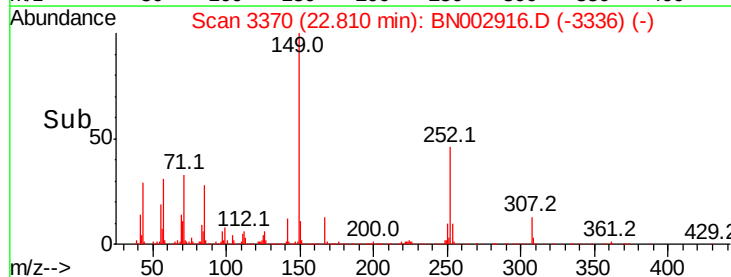
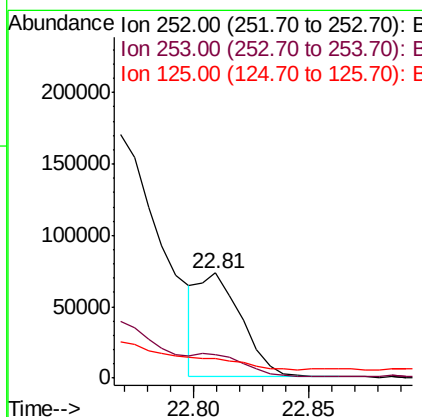
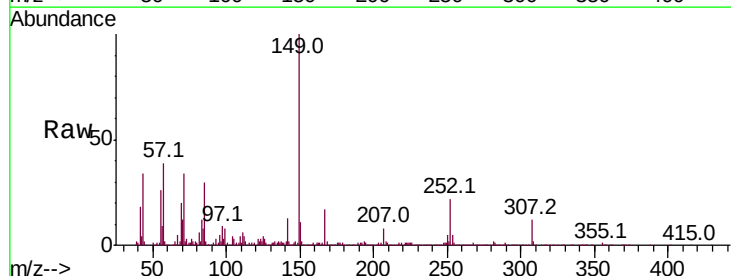
Instrument :
BNA_N
ClientSampleId :

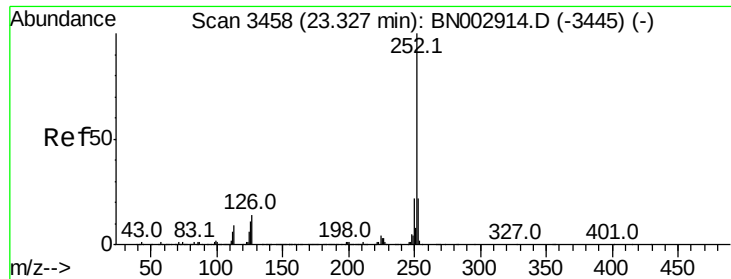
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.4
125	14.9	8.0	12.0



#88
Benzo(k)fluoranthene
Concen: 2.871 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. 0.00 min
Lab File: BN002916.D
Acq: 04 Oct 2018 00:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	18.1	8.3	12.5





#90

Benzo(a)pyrene

Concen: 4.107 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. 0.00 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

Instrument :

BNA_N

ClientSampled :

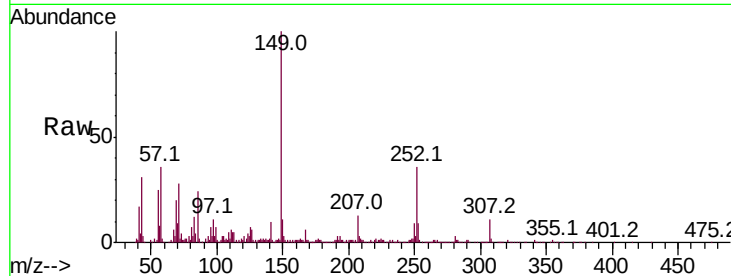
Tot Ion:252 Resp: 135803

Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

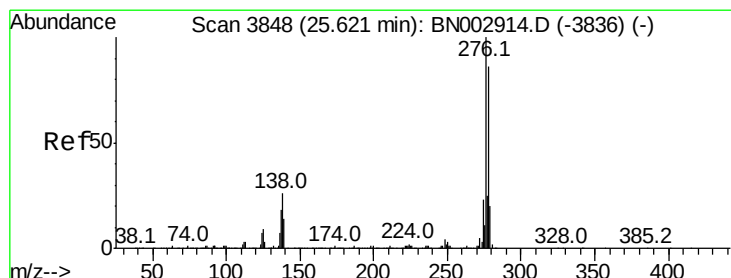
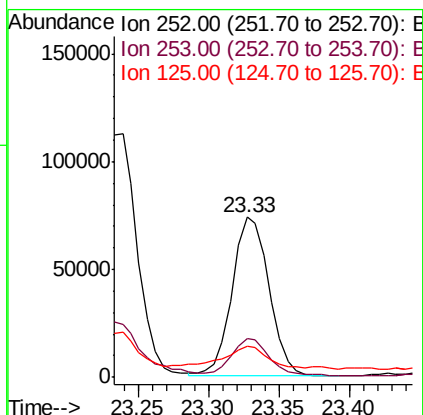
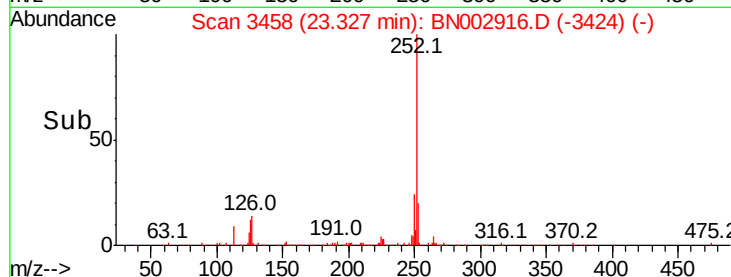
125 19.5 8.8 13.2#



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: 3.539 ng/ul

RT: 25.63 min Scan# 3849

Delta R.T. 0.01 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

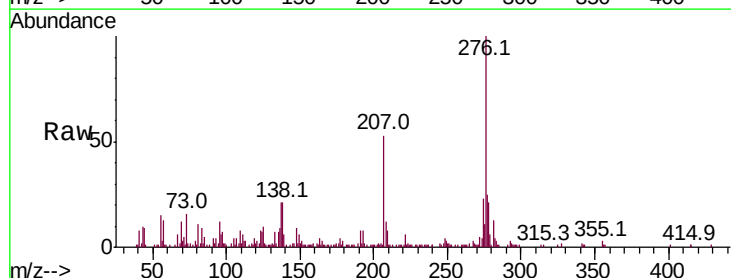
Tgt Ion:276 Resp: 138519

Ion Ratio Lower Upper

276 100

138 21.0 20.2 30.4

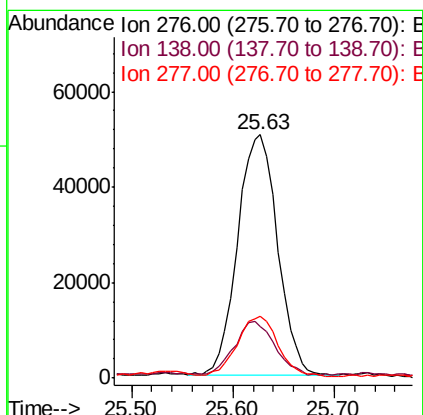
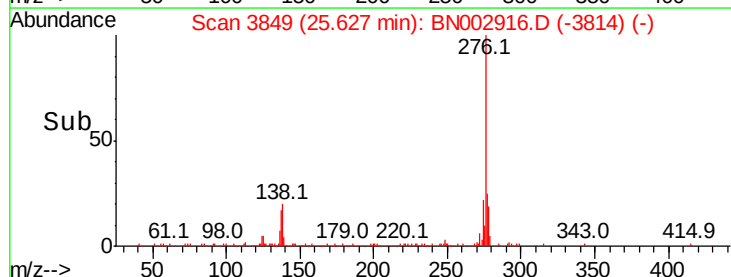
277 25.3 20.0 30.0

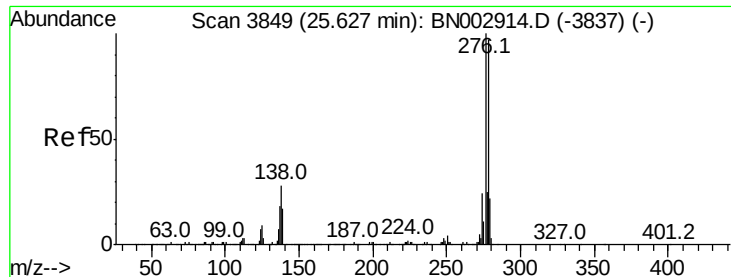


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 1.046 ng/ul

RT: 25.62 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

Instrument :

BNA_N

ClientSampleId :

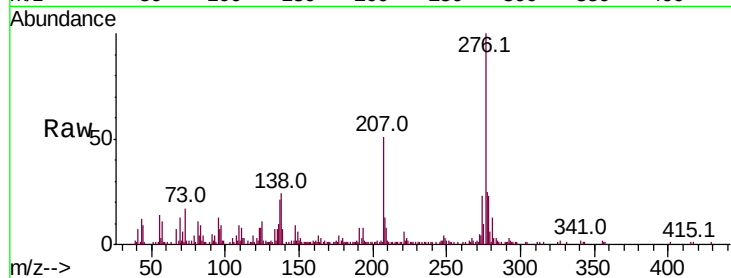
Tot Ion:278 Resp: 34487

Ion Ratio Lower Upper

278 100

139 29.1 12.7 19.1#

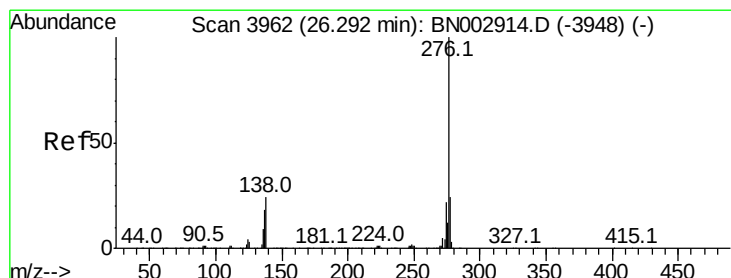
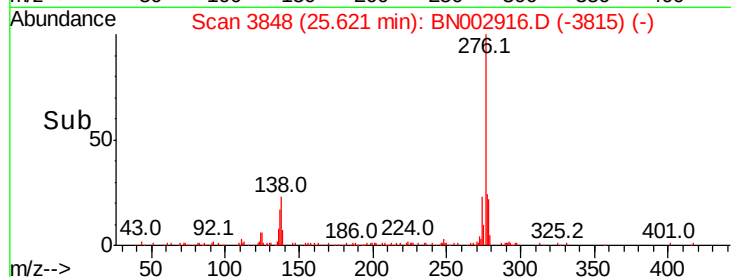
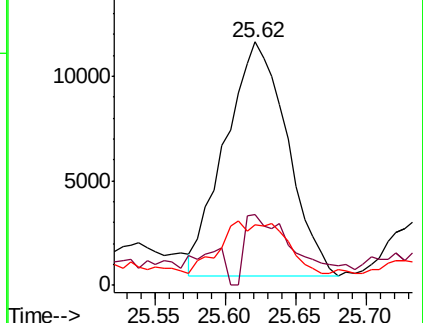
279 25.0 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 4.752 ng/ul

RT: 26.29 min Scan# 3962

Delta R.T. 0.00 min

Lab File: BN002916.D

Acq: 04 Oct 2018 00:19

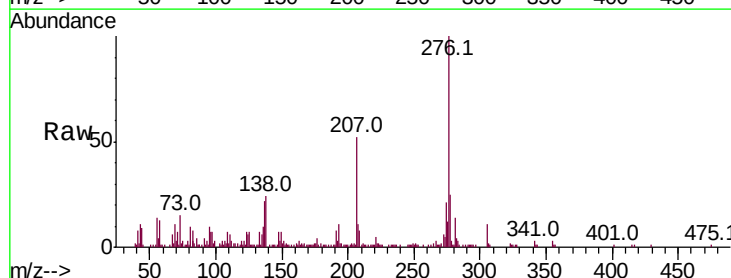
Tgt Ion:276 Resp: 155488

Ion Ratio Lower Upper

276 100

138 24.2 18.2 27.2

277 25.2 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

