

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
 Data File : BN002911.D
 Acq On : 03 Oct 2018 21:24
 Operator : MJ/SJ
 Sample : J5115-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 02:52:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 04 02:50:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	119197	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	549698	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	329517	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	782021	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	842212	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	772706	20.00	ng/ul	0.00

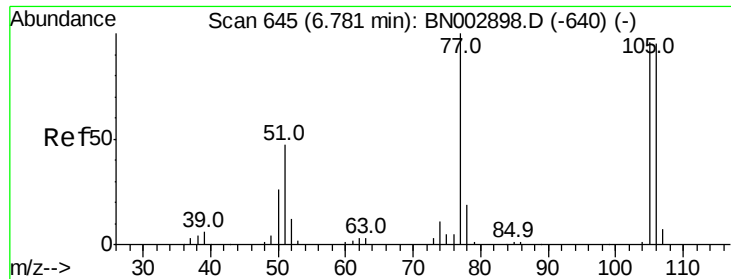
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	7025	2.72	ng/uL	0.00
5) Phenol-d5	6.82	99	165190	16.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	102228	16.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	139016	16.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	136815	17.45	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	69417	16.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	81145	16.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	144563	16.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	182519	18.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	476836	18.49	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	591256	17.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	52234	12.25	ng/ul	0.02
57) Fluorene-d10	15.26	176	429328	19.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	59430	12.15	ng/ul	0.00
70) Anthracene-d10	17.11	188	676757	18.13	ng/ul	0.00
78) Pyrene-d10	19.42	212	772469	17.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	765228	18.81	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.79	77	24675	4.459	ng/ul	91
6) Phenol	6.84	94	16426	1.609	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.06	93	9095	1.159	ng/ul#	19
14) Acetophenone	8.45	105	21297	1.763	ng/ul	97
44) Dimethylphthalate	13.72	163	115328	4.581	ng/ul	98
76) Fluoranthene	19.08	202	85622	1.863	ng/ul	98
79) Pyrene	19.45	202	95210	1.710	ng/ul	98
80) Butylbenzylphthalate	20.36	149	24751	1.068	ng/ul	96
82) Benzo(a)anthracene	21.20	228	61209	1.168	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.14	149	104055	3.093	ng/ul	97
84) Chrysene	21.26	228	96519	1.965	ng/ul	97
87) Benzo(b)fluoranthene	22.77	252	130901	2.774	ng/ul#	95
88) Benzo(k)fluoranthene	22.77	252	130901	2.973	ng/ul	97
90) Benzo(a)pyrene	23.33	252	47864	1.073	ng/ul#	92

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



#4

Benzaldehyd

Concen: 4.459 ng/ul

RT: 6.79 min Scan# 646

Delta R.T. 0.01 min

Lab File: BN002911.D

Acq: 03 Oct 2018 21:24

Instrument :

BNA_N

ClientSampleId :

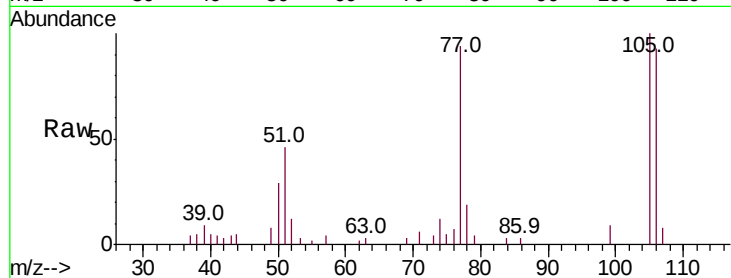
Tot Ion: 77 Resp: 24675

Ion Ratio Lower Upper

77 100

105 106.4 76.2 114.4

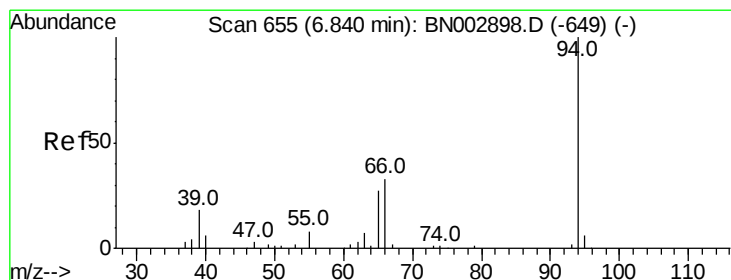
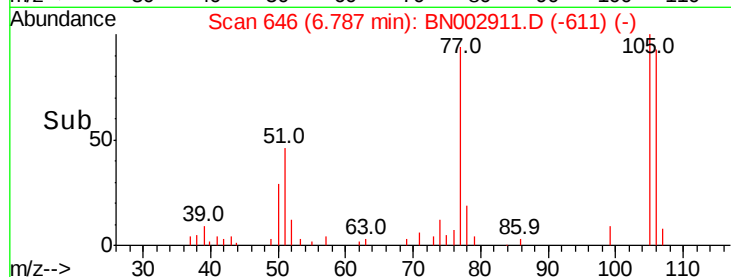
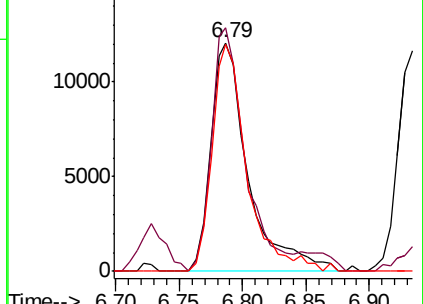
106 99.4 74.2 111.2



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: 1.609 ng/ul

RT: 6.84 min Scan# 655

Delta R.T. -0.00 min

Lab File: BN002911.D

Acq: 03 Oct 2018 21:24

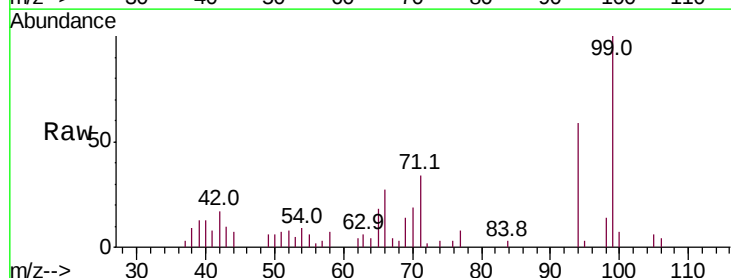
Tgt Ion: 94 Resp: 16426

Ion Ratio Lower Upper

94 100

65 29.9 23.1 34.7

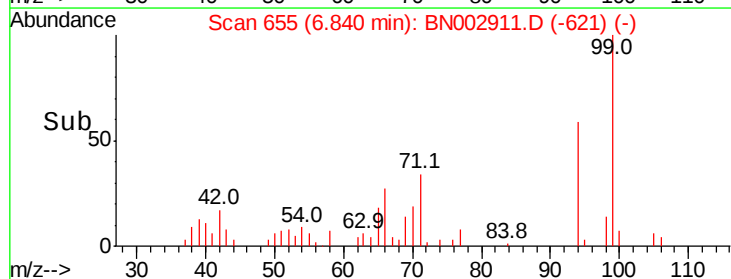
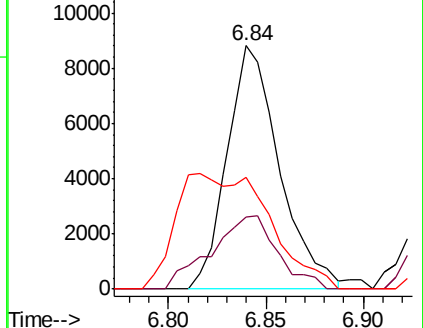
66 46.1 29.8 44.6#

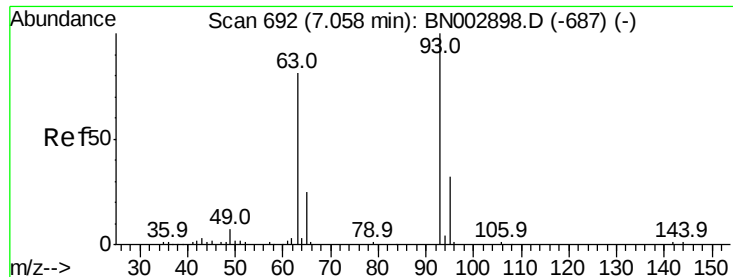


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC



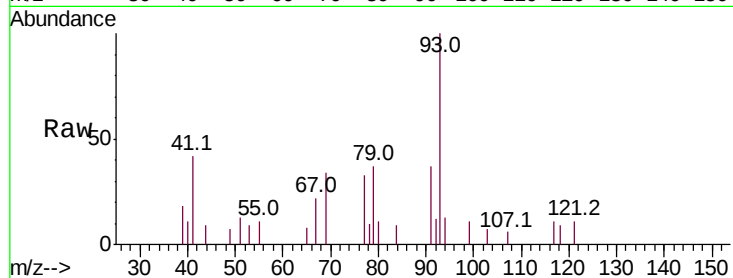


#8

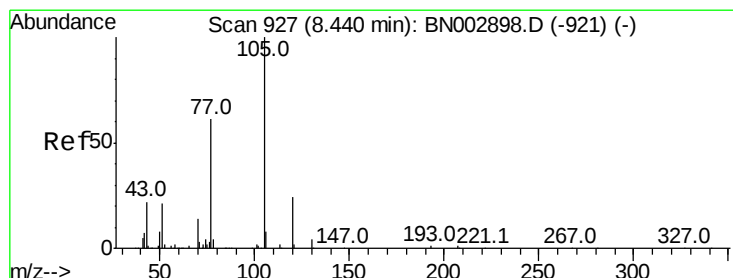
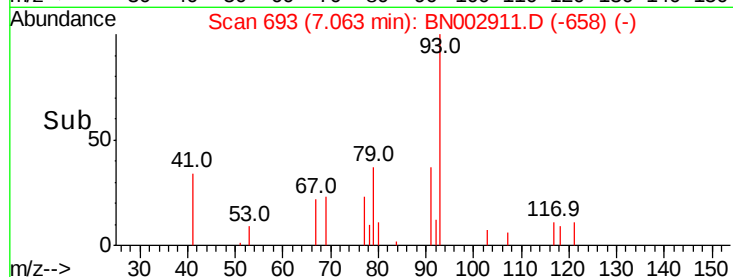
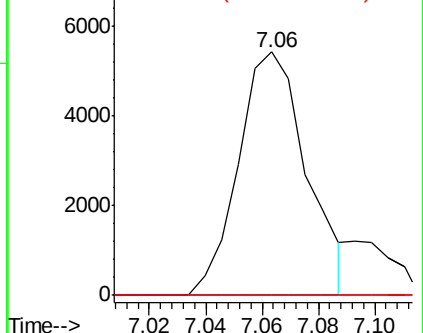
Bis(2-Chloroethyl)ether
 Concen: 1.159 ng/ul
 RT: 7.06 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: BN002911.D
 Acq: 03 Oct 2018 21:24

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	0.0	64.2	96.4#
95	0.0	26.8	40.2#



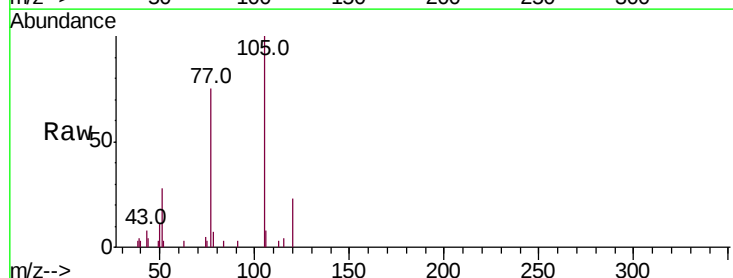
Abundance Ion 93.00 (92.70 to 93.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0
 Ion 95.00 (94.70 to 95.70): BN0



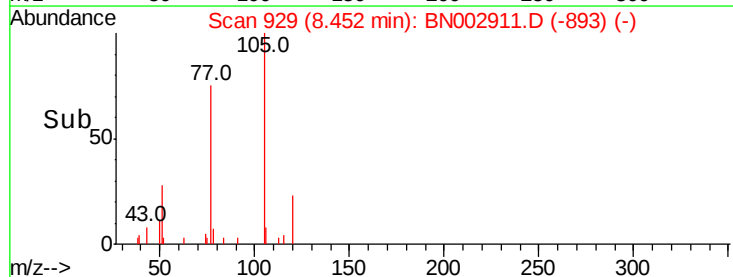
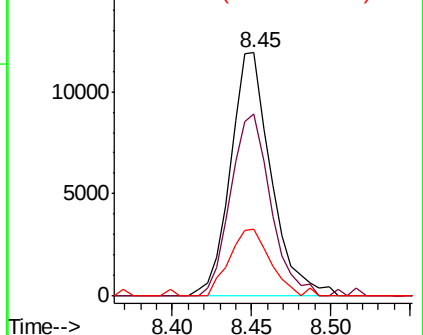
#14

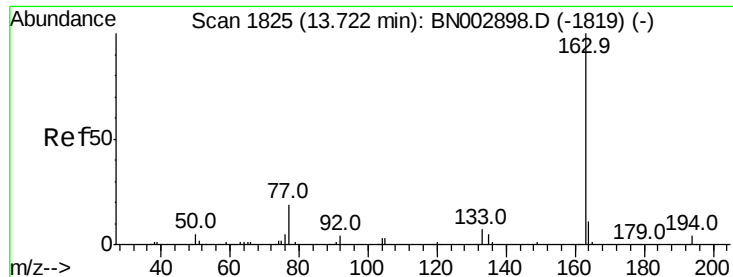
Acetophenone
 Concen: 1.763 ng/ul
 RT: 8.45 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: BN002911.D
 Acq: 03 Oct 2018 21:24

Tgt Ion	Ratio	Lower	Upper
105	100		
77	75.0	62.9	94.3
51	27.7	21.9	32.9



Abundance Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BN0
 Ion 51.00 (50.70 to 51.70): BN0

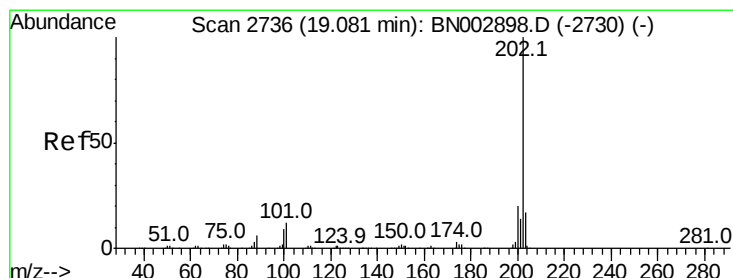
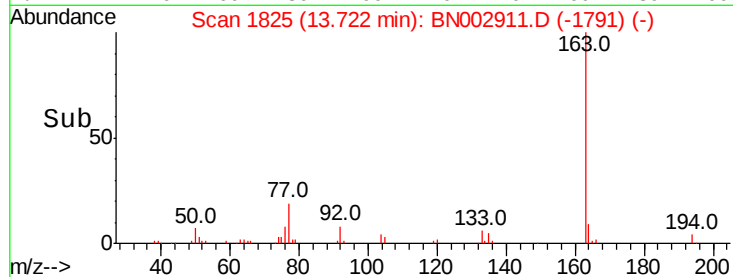
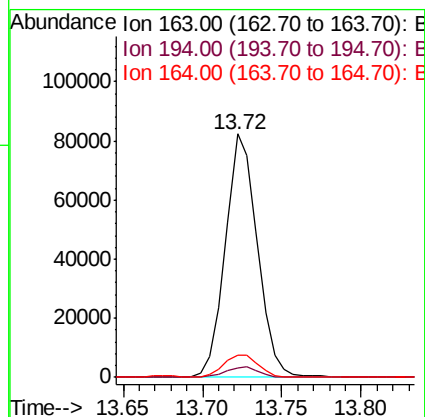
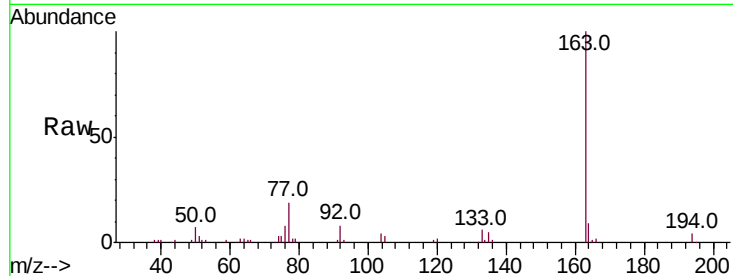




#44
Dimethylphthalate
Concen: 4.581 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BN002911.D
Acq: 03 Oct 2018 21:24

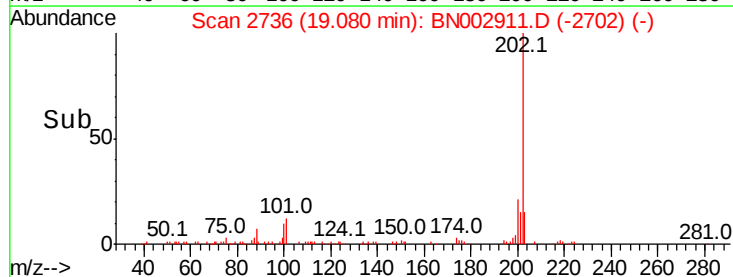
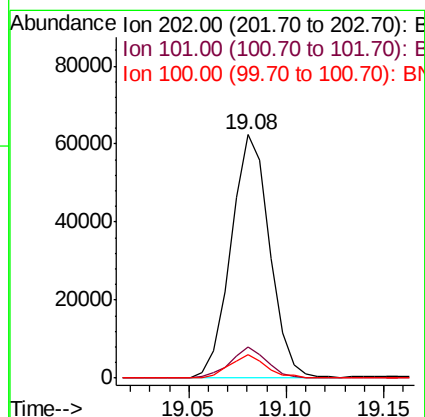
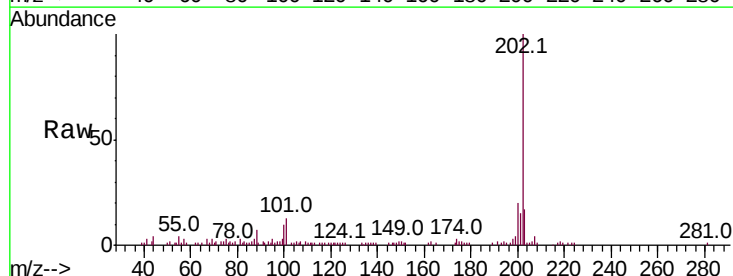
Instrument :
BNA_N
ClientSampleId :

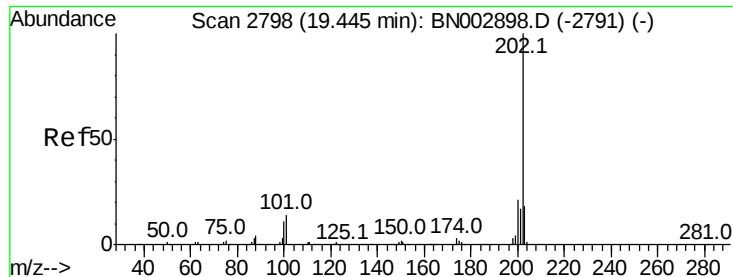
Tot Ion:163 Resp: 115328
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 9.1 8.1 12.1



#76
Fluoranthene
Concen: 1.863 ng/ul
RT: 19.08 min Scan# 2736
Delta R.T. -0.00 min
Lab File: BN002911.D
Acq: 03 Oct 2018 21:24

Tgt Ion:202 Resp: 85622
Ion Ratio Lower Upper
202 100
101 12.8 9.4 14.2
100 9.6 7.0 10.6

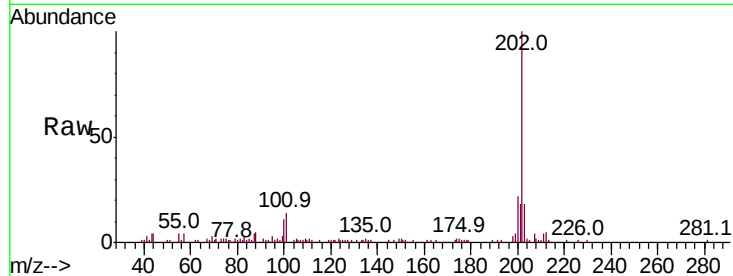




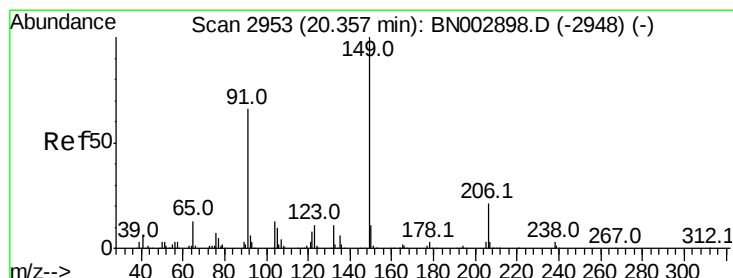
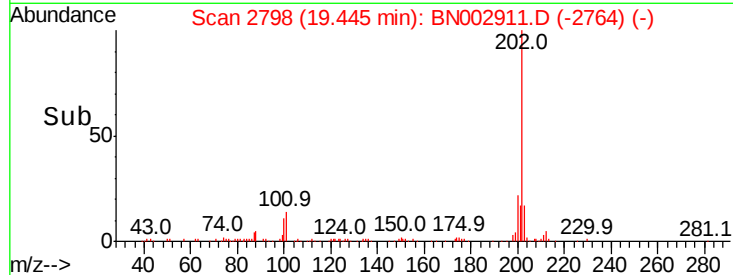
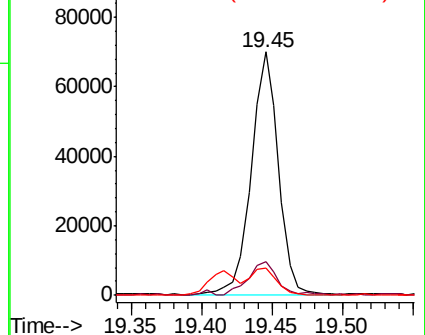
#79
Pvrene
Concen: 1.710 ng/ul
RT: 19.45 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BN002911.D
Acq: 03 Oct 2018 21:24

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 95210
Ion Ratio Lower Upper
202 100
101 13.8 10.8 16.2
100 11.2 8.2 12.2

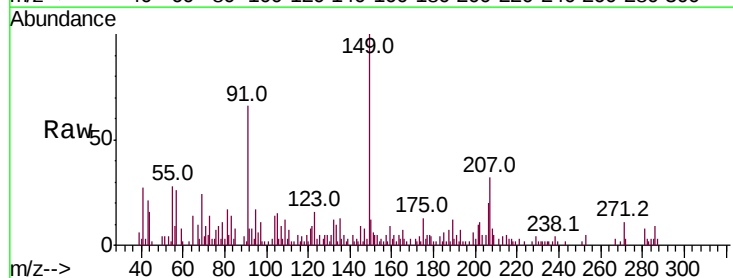


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

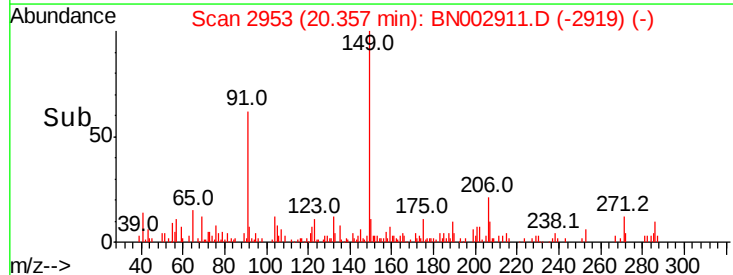
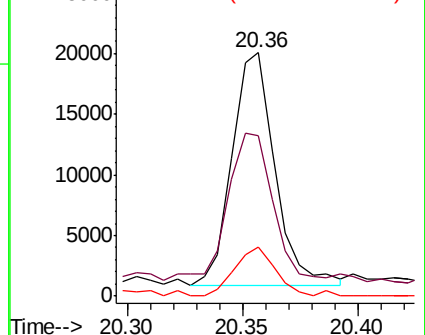


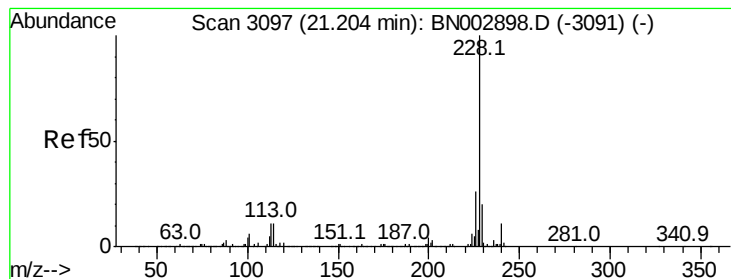
#80
Butylbenzylphthalate
Concen: 1.068 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BN002911.D
Acq: 03 Oct 2018 21:24

Tgt Ion:149 Resp: 24751
Ion Ratio Lower Upper
149 100
91 66.0 56.3 84.5
206 20.3 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: 1.168 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BN002911.D

Acq: 03 Oct 2018 21:24

Instrument :

BNA_N

ClientSampleId :

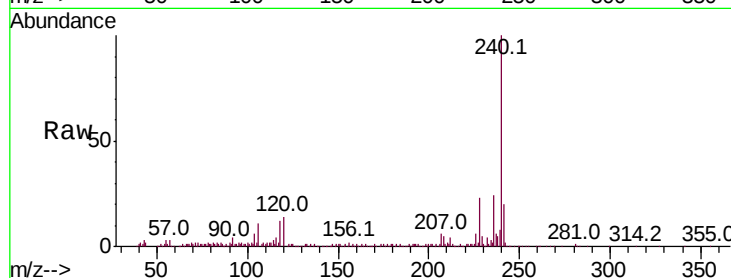
Tot Ion:228 Resp: 61209

Ion Ratio Lower Upper

228 100

229 22.1 15.8 23.6

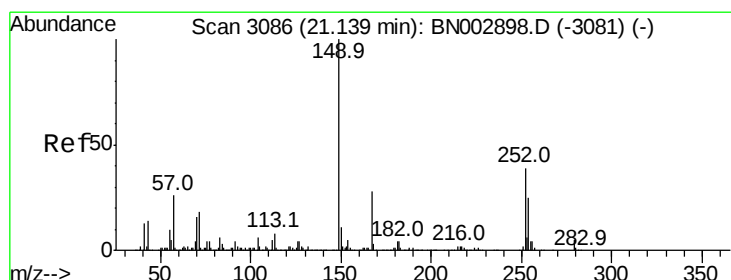
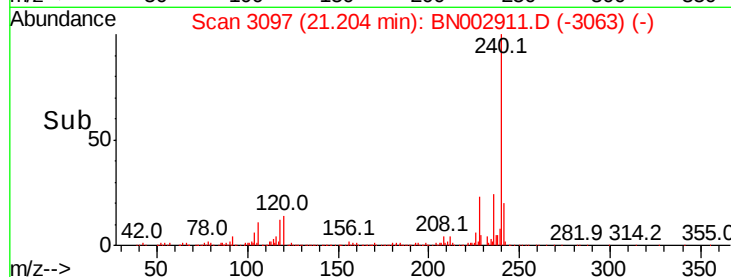
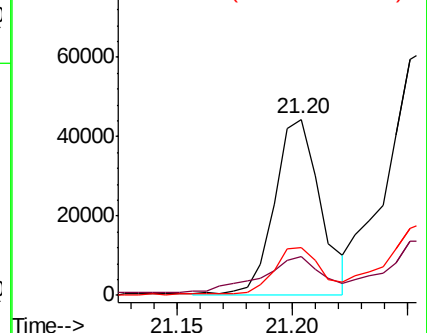
226 26.9 20.9 31.3



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: 3.093 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BN002911.D

Acq: 03 Oct 2018 21:24

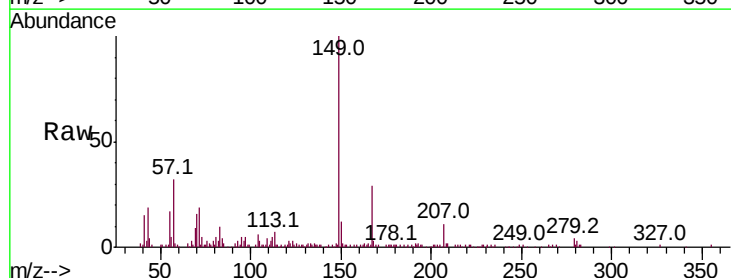
Tgt Ion:149 Resp: 104055

Ion Ratio Lower Upper

149 100

167 29.5 22.0 33.0

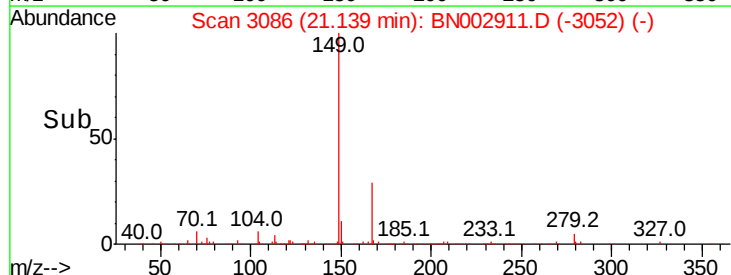
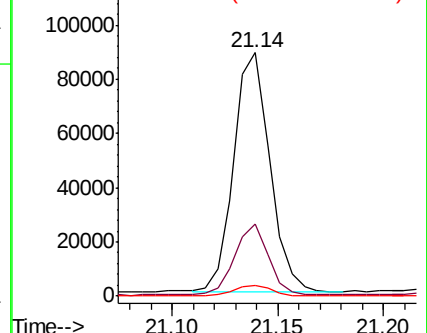
279 4.5 3.3 4.9

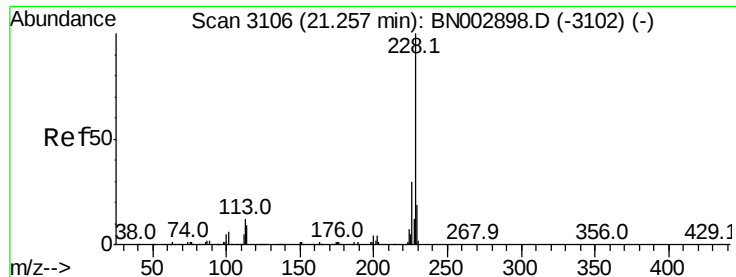


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 1.965 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BN002911.D

Acq: 03 Oct 2018 21:24

Instrument :

BNA_N

ClientSampleId :

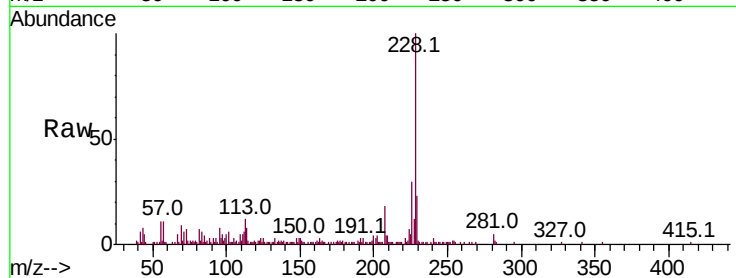
Tot Ion:228 Resp: 96519

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.0

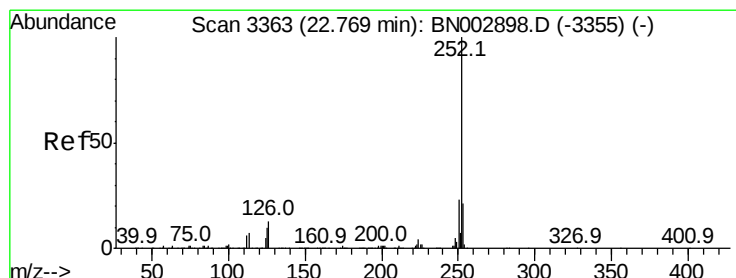
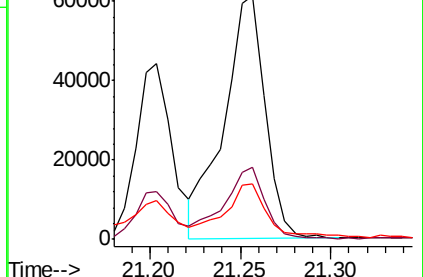
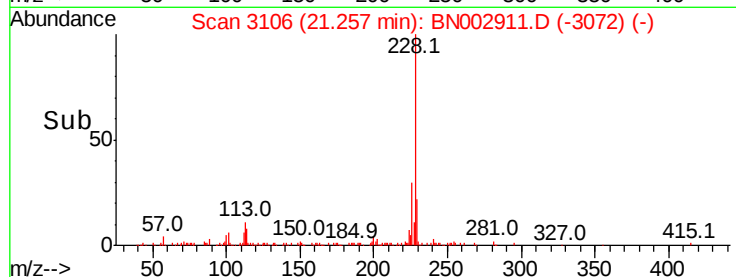
229 22.9 15.7 23.5



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: 2.774 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.00 min

Lab File: BN002911.D

Acq: 03 Oct 2018 21:24

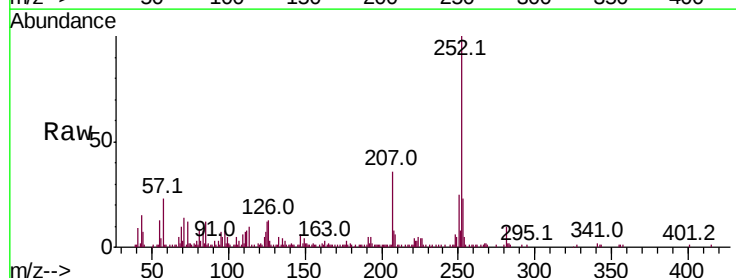
Tgt Ion:252 Resp: 130901

Ion Ratio Lower Upper

252 100

253 23.4 17.0 25.4

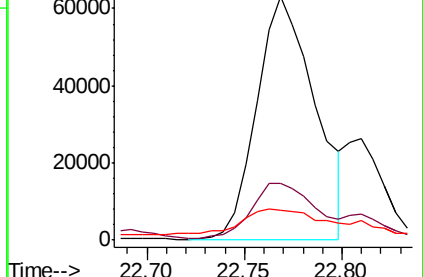
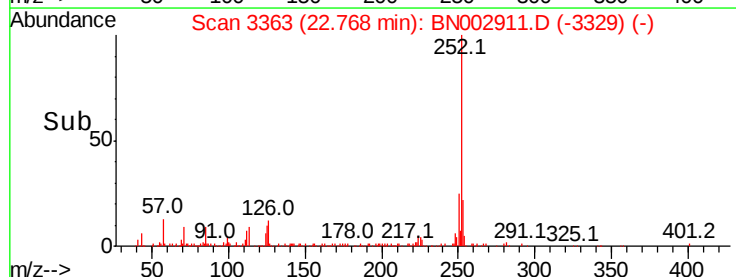
125 12.4 8.0 12.0#

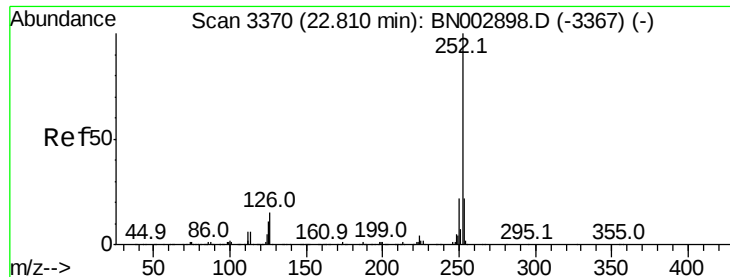


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.973 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.04 min

Lab File: BN002911.D

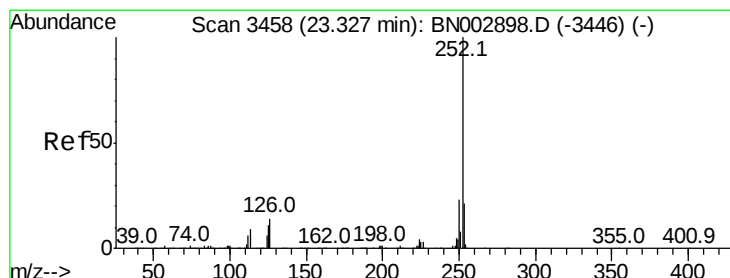
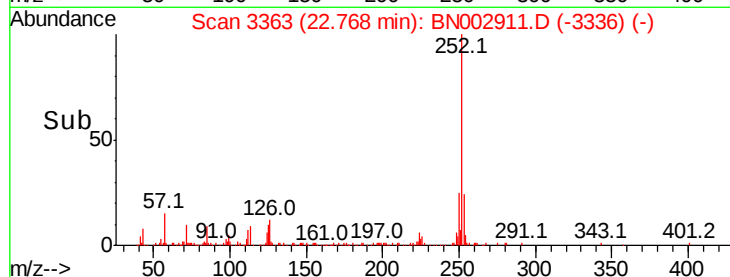
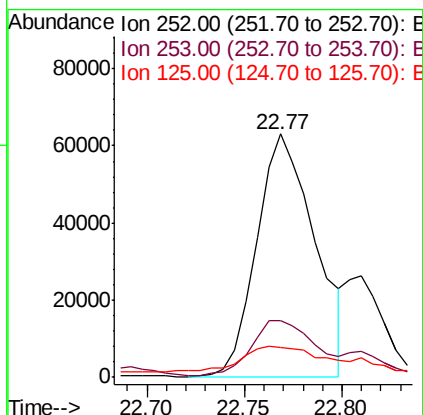
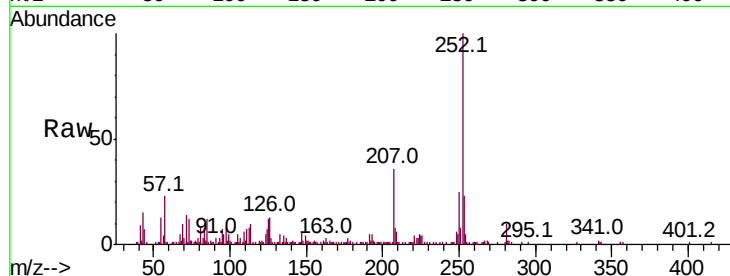
Acq: 03 Oct 2018 21:24

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	252	Resp:	130901
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	12.4	8.3	12.5



#90

Benzo(a)pyrene

Concen: 1.073 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. -0.00 min

Lab File: BN002911.D

Acq: 03 Oct 2018 21:24

Tgt Ion:	252	Resp:	47864
Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.6	26.4
125	16.0	8.8	13.2#

