

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
 Data File : BN002936.D
 Acq On : 04 Oct 2018 17:16
 Operator : MJ/SJ
 Sample : J5184-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 05 02:27:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 05 02:27:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	139257	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	624641	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	379065	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	867493	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	817032	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	663413	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8123	2.69	ng/uL	0.00
5) Phenol-d5	6.81	99	212205	17.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	138949	18.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	181547	18.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	168602	18.41	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	90170	18.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	101921	18.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	174659	17.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	211516	18.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	582575	19.63	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	775454	20.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	57862	11.79	ng/ul	0.01
57) Fluorene-d10	15.26	176	556862	21.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	66735	12.30	ng/ul	0.00
70) Anthracene-d10	17.11	188	846724	20.44	ng/ul	0.00
78) Pyrene-d10	19.42	212	924760	21.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	725641	20.78	ng/ul	0.00

Target Compounds

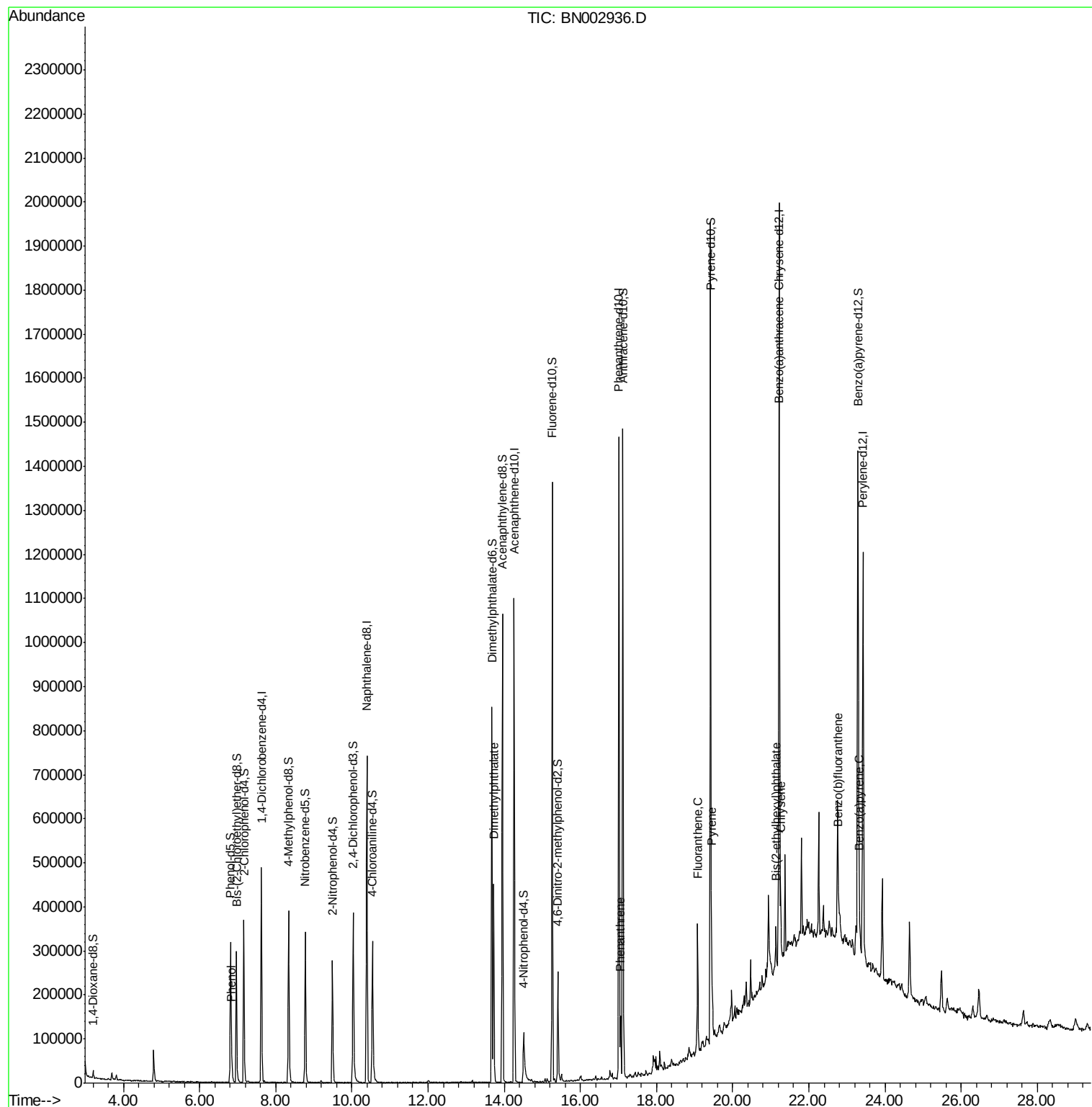
				Ovalue	
6) Phenol	6.85	94	22999	1.929	ng/ul 95
44) Dimethylphthalate	13.72	163	307652	10.624	ng/ul 100
69) Phenanthrene	17.06	178	86711	1.814	ng/ul 98
76) Fluoranthene	19.08	202	167290	3.281	ng/ul 97
79) Pyrene	19.45	202	171391	3.173	ng/ul 98
82) Benzo(a)anthracene	21.20	228	74307	1.462	ng/ul 99
83) Bis(2-ethylhexyl)phthalate	21.14	149	33683	1.032	ng/ul# 97
84) Chrysene	21.26	228	91247	1.915	ng/ul 98
87) Benzo(b)fluoranthene	22.77	252	84547	2.087	ng/ul# 92
90) Benzo(a)pyrene	23.33	252	40677	1.062	ng/ul# 88

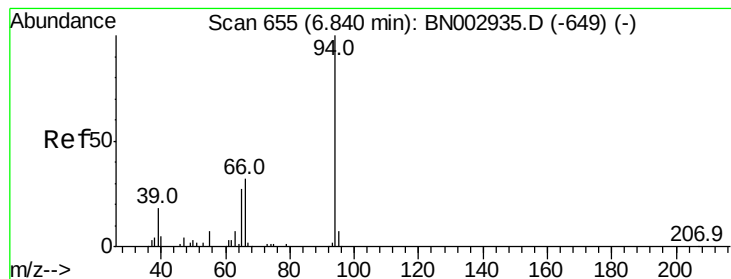
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.929 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. 0.01 min

Lab File: BN002936.D

Acq: 04 Oct 2018 17:16

Instrument :

BNA_N

ClientSampleId :

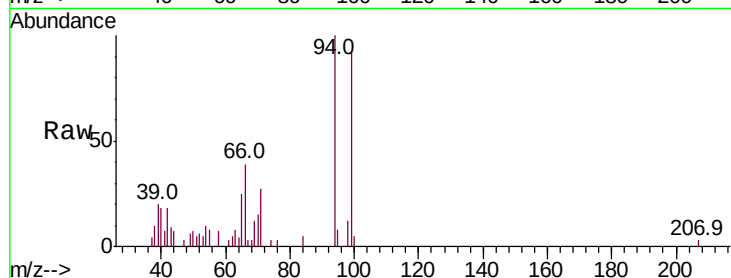
Tot Ion: 94 Resp: 22999

Ion Ratio Lower Upper

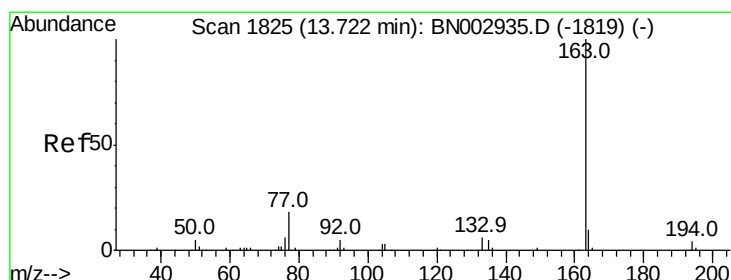
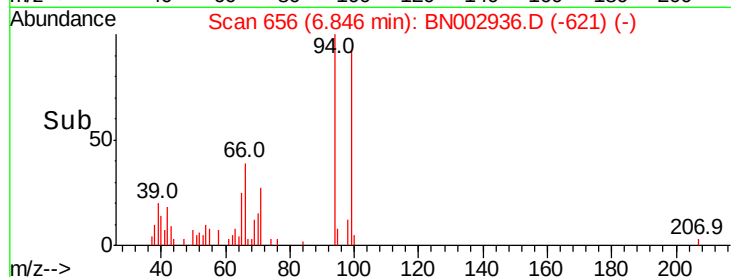
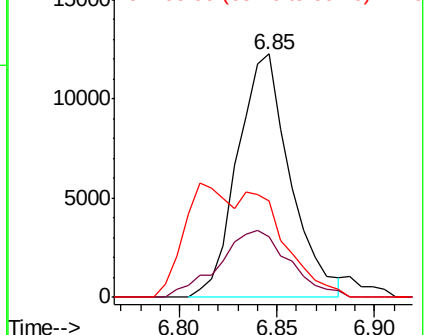
94 100

65 24.9 23.1 34.7

66 39.4 29.8 44.6



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0



#44

Dimethylphthalate

Concen: 10.624 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BN002936.D

Acq: 04 Oct 2018 17:16

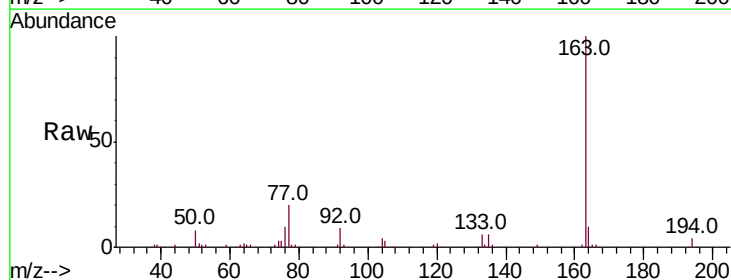
Tgt Ion:163 Resp: 307652

Ion Ratio Lower Upper

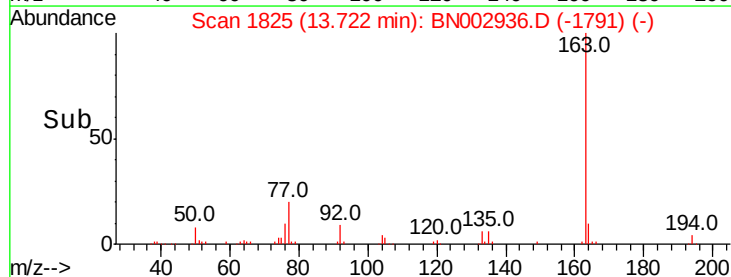
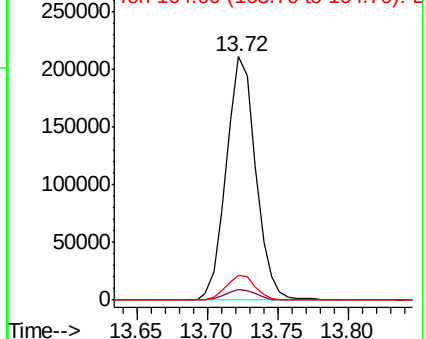
163 100

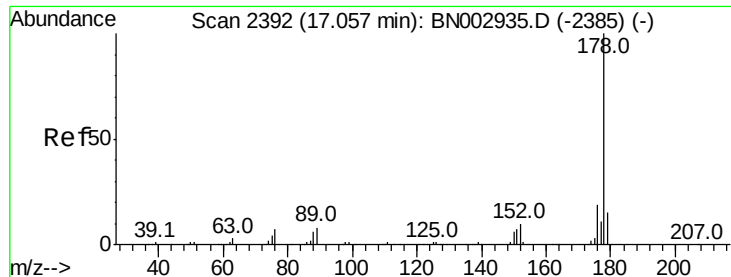
194 4.2 3.5 5.3

164 10.1 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





#69

Phenanthrene

Concen: 1.814 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BN002936.D

Acq: 04 Oct 2018 17:16

Instrument :

BNA_N

ClientSampleId :

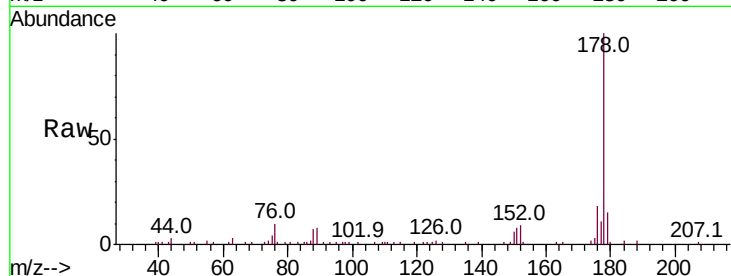
Tot Ion:178 Resp: 86711

Ion Ratio Lower Upper

178 100

179 14.7 12.2 18.4

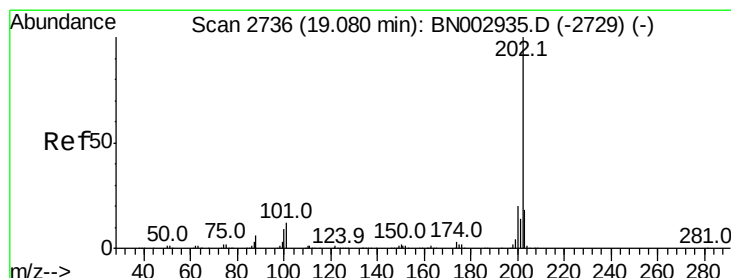
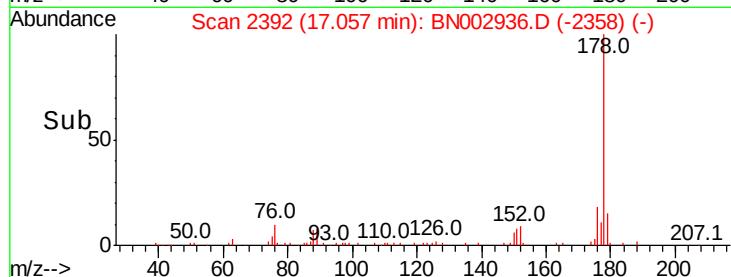
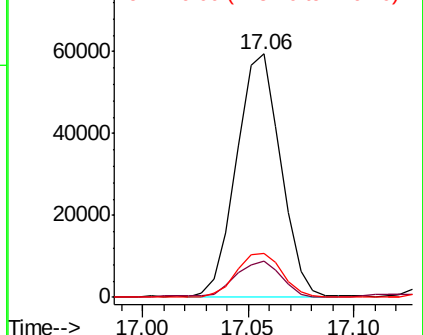
176 17.8 15.0 22.6



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



#76

Fluoranthene

Concen: 3.281 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BN002936.D

Acq: 04 Oct 2018 17:16

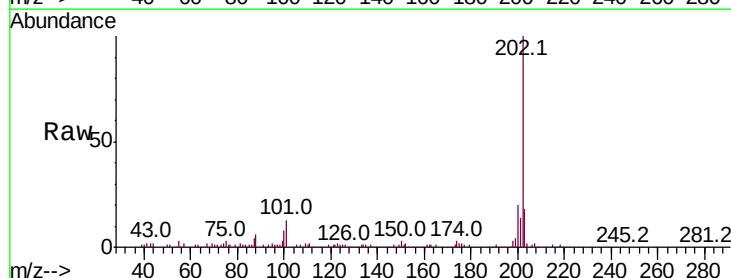
Tgt Ion:202 Resp: 167290

Ion Ratio Lower Upper

202 100

101 13.4 9.4 14.2

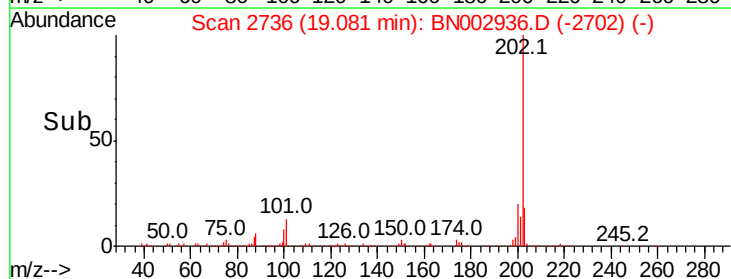
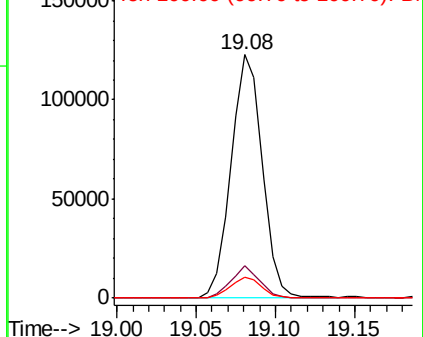
100 8.4 7.0 10.6

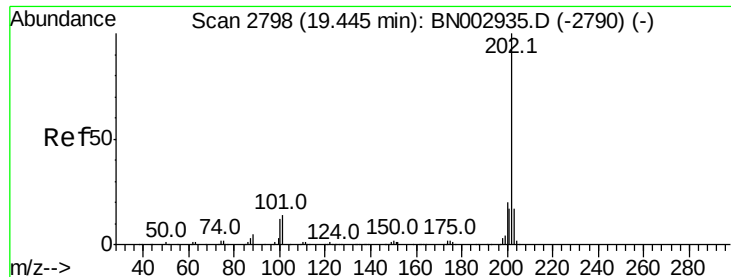


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 3.173 ng/ul

RT: 19.45 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BN002936.D

Acq: 04 Oct 2018 17:16

Instrument :

BNA_N

ClientSampleId :

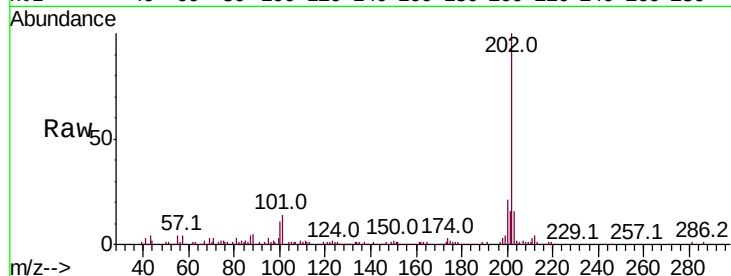
Tot Ion:202 Resp: 171391

Ion Ratio Lower Upper

202 100

101 14.3 10.8 16.2

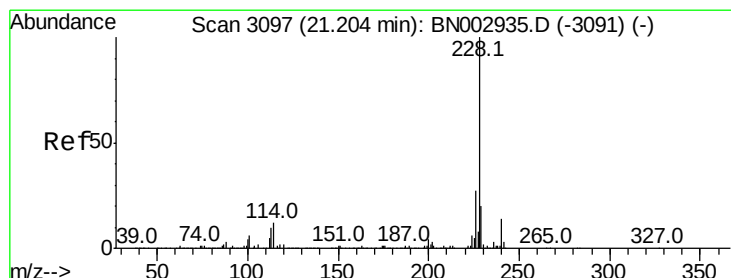
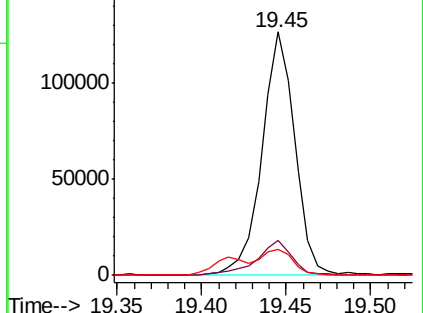
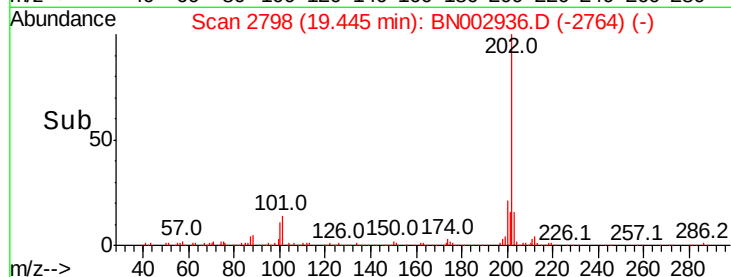
100 10.8 8.2 12.2



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: 1.462 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BN002936.D

Acq: 04 Oct 2018 17:16

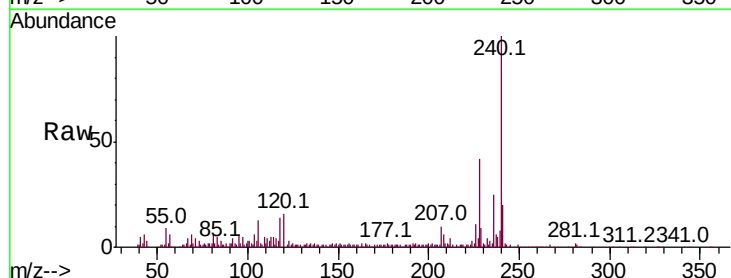
Tgt Ion:228 Resp: 74307

Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.6

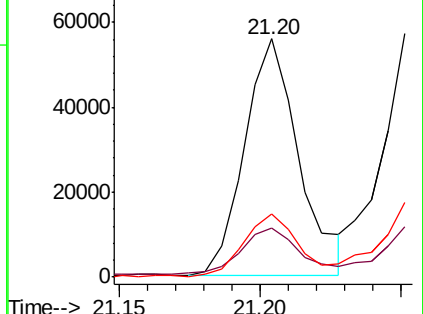
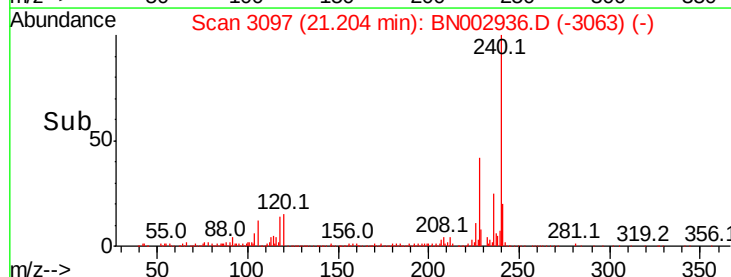
226 26.7 20.9 31.3

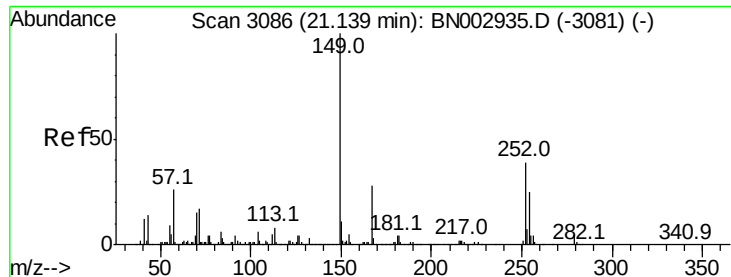


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

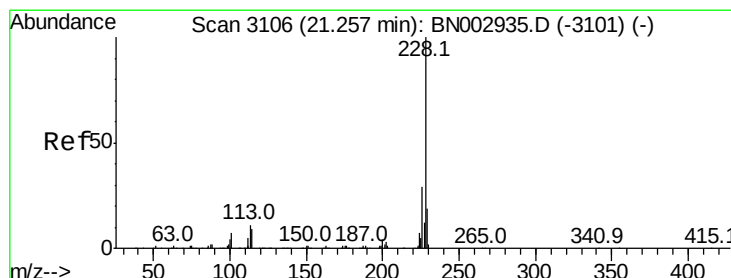
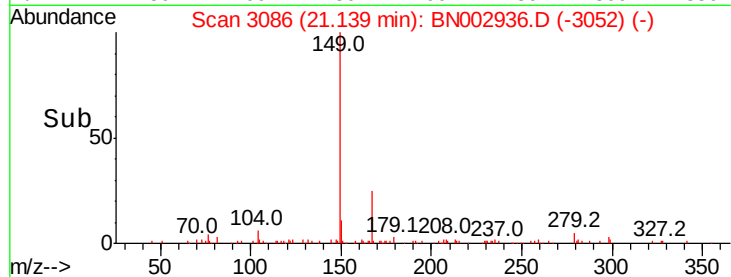
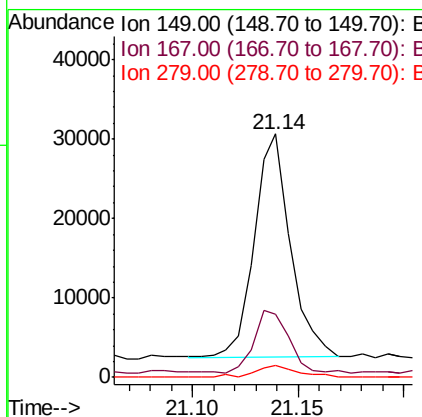
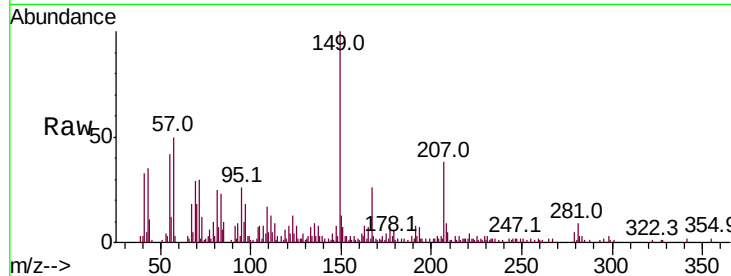




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.032 ng/ul
 RT: 21.14 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: BN002936.D
 Acq: 04 Oct 2018 17:16

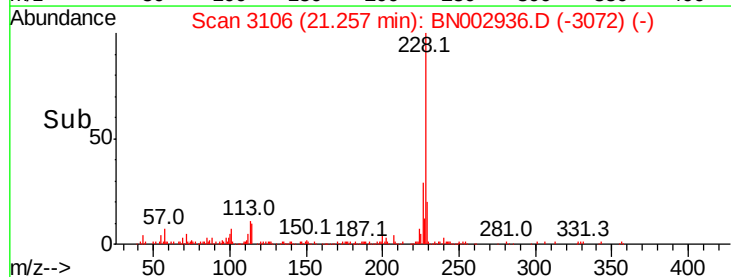
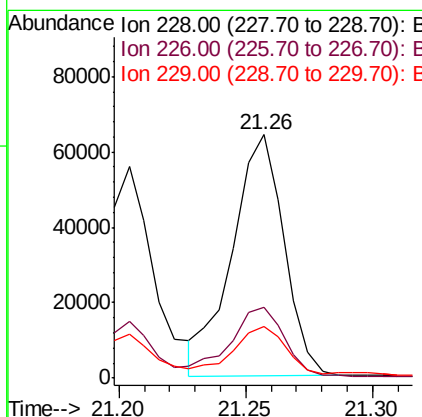
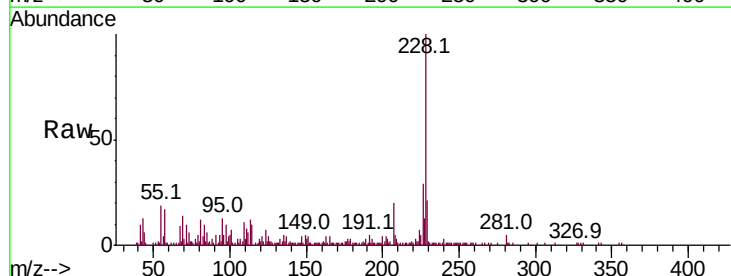
Instrument :
 BNA_N
 ClientSampleId :

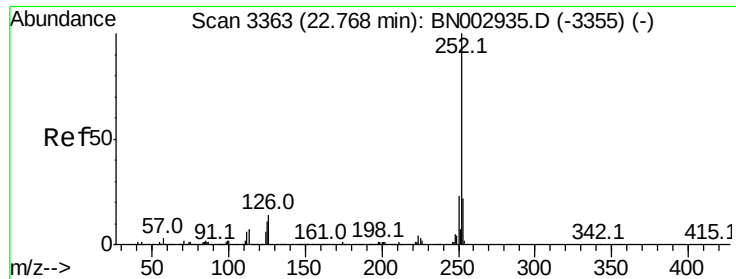
Tot Ion:149 Resp: 33683
 Ion Ratio Lower Upper
 149 100
 167 25.8 22.0 33.0
 279 5.0 3.3 4.9#



#84
 Chrysene
 Concen: 1.915 ng/ul
 RT: 21.26 min Scan# 3106
 Delta R.T. 0.00 min
 Lab File: BN002936.D
 Acq: 04 Oct 2018 17:16

Tgt Ion:228 Resp: 91247
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.4 35.0
 229 21.2 15.7 23.5





#87

Benzo(b)fluoranthene

Concen: 2.087 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BN002936.D

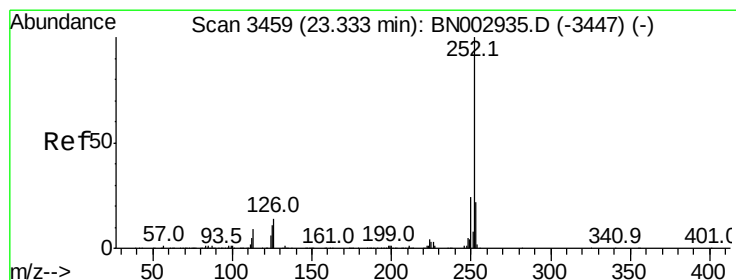
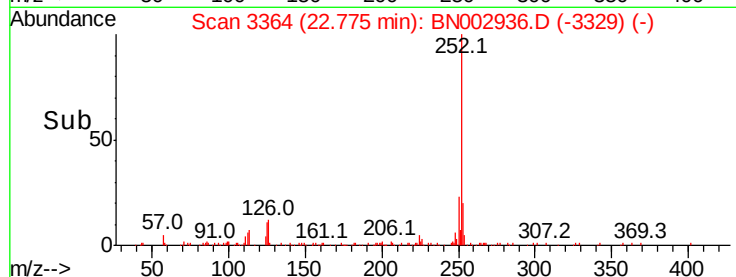
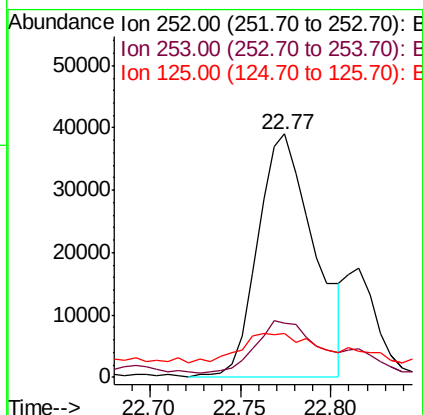
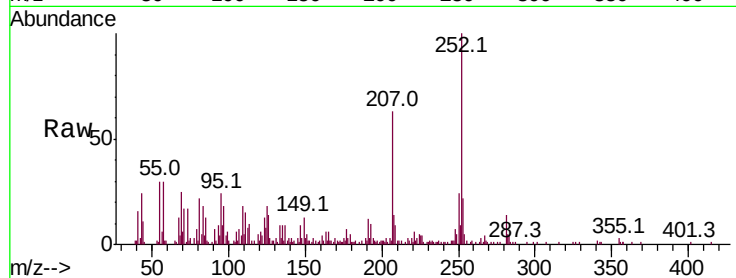
Acq: 04 Oct 2018 17:16

Instrument :

BNA_N

ClientSampled :

Tot Ion:	252	Resp:	84547
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.4
125	18.2	8.0	12.0#



#90

Benzo(a)pyrene

Concen: 1.062 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. -0.01 min

Lab File: BN002936.D

Acq: 04 Oct 2018 17:16

Tgt Ion:	252	Resp:	40677
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.6	26.4
125	19.5	8.8	13.2#

