

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
 Data File : BN002946.D
 Acq On : 04 Oct 2018 23:07
 Operator : MJ/SJ
 Sample : J5183-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 05 02:28:47 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	128247	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	604119	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	365447	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	794537	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	663795	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	589557	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	3939	1.42	ng/uL	0.00
5) Phenol-d5	6.82	99	121488	11.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	106121	15.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	115908	12.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	109023	12.92	ng/ul	0.01
19) Nitrobenzene-d5	8.78	128	70624	15.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	60259	11.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	104075	10.89	ng/ul	0.01
29) 4-Chloroaniline-d4	10.55	131	46127	4.17	ng/ul	0.01
43) Dimethylphthalate-d6	13.68	166	397207	13.89	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	630025	16.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	369	0.08	ng/ul	0.00
57) Fluorene-d10	15.26	176	462693	18.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	8780	1.77	ng/ul	0.02
70) Anthracene-d10	17.12	188	696568	18.36	ng/ul	0.00
78) Pyrene-d10	19.42	212	717185	20.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	559673	18.04	ng/ul	0.00

Target Compounds

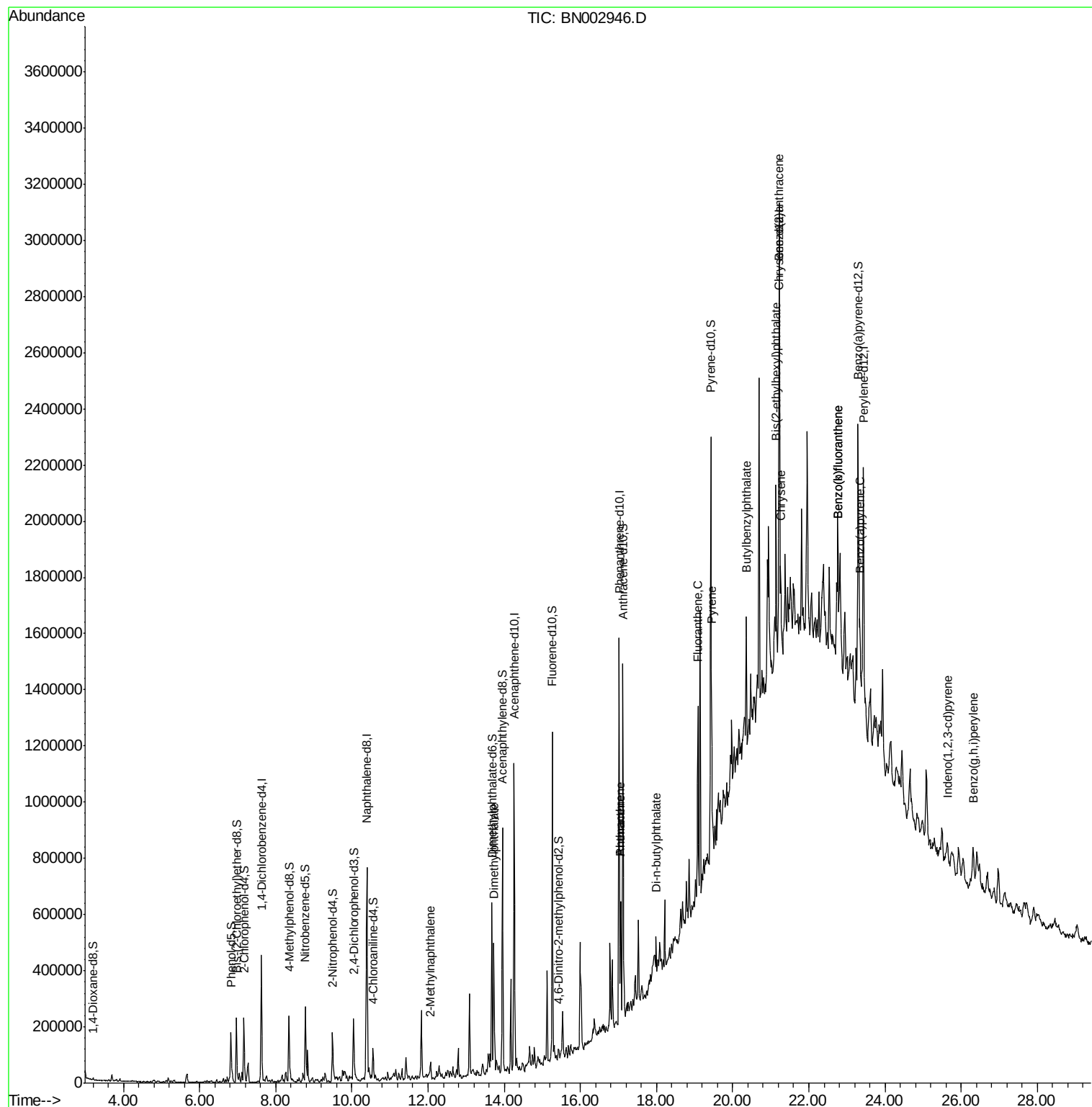
					Ovalue
34) 2-Methylnaphthalene	12.07	142	32193	1.479	ng/ul 94
44) Dimethylphthalate	13.72	163	292455	10.475	ng/ul 99
69) Phenanthrene	17.06	178	253633	5.794	ng/ul 99
71) Anthracene	17.06	178	253633	5.714	ng/ul 99
75) Di-n-butylphthalate	17.99	149	105216	2.302	ng/ul 99
76) Fluoranthene	19.09	202	390754	8.368	ng/ul 99
79) Pyrene	19.45	202	361770	8.243	ng/ul 99
80) Butylbenzylphthalate	20.36	149	119839	6.562	ng/ul 97
82) Benzo(a)anthracene	21.21	228	143107	3.466	ng/ul 95
83) Bis(2-ethylhexyl)phthalate	21.14	149	217462	8.202	ng/ul 100
84) Chrysene	21.26	228	149658	3.867	ng/ul 96
87) Benzo(b)fluoranthene	22.78	252	152662	4.240	ng/ul# 74
88) Benzo(k)fluoranthene	22.78	252	152662	4.545	ng/ul# 76
90) Benzo(a)pyrene	23.34	252	116553	3.424	ng/ul# 78
91) Indeno(1,2,3-cd)pyrene	25.64	276	71243	1.768	ng/ul 96
93) Benzo(g,h,i)perylene	26.32	276	100701	2.989	ng/ul 93

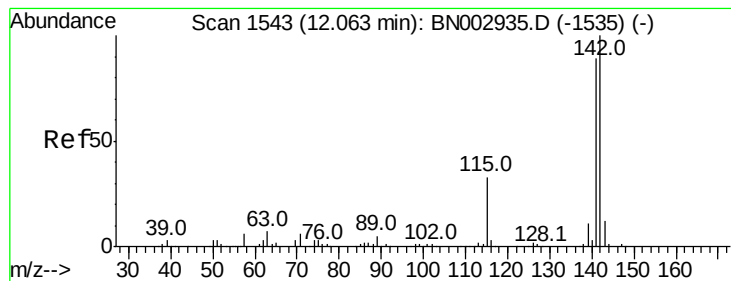
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 05 02:27:06 2018
Response via : Initial Calibration





#34

2-Methylnaphthalene

Concen: 1.479 ng/ul

RT: 12.07 min Scan# 1544

Delta R.T. 0.01 min

Lab File: BN002946.D

Acq: 04 Oct 2018 23:07

Instrument :

BNA_N

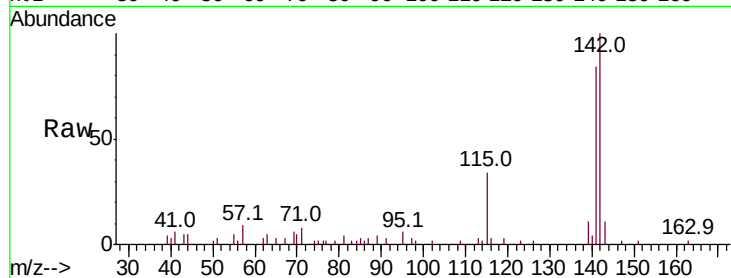
ClientSampleId :

Tot Ion:142 Resp: 32193

Ion Ratio Lower Upper

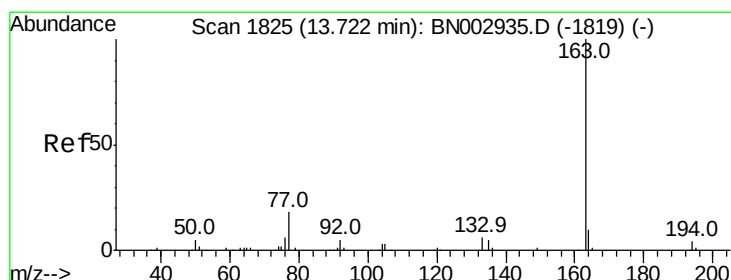
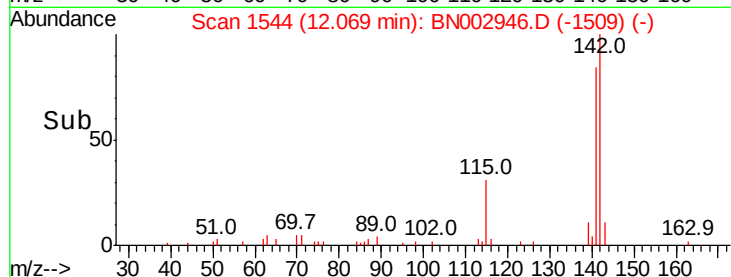
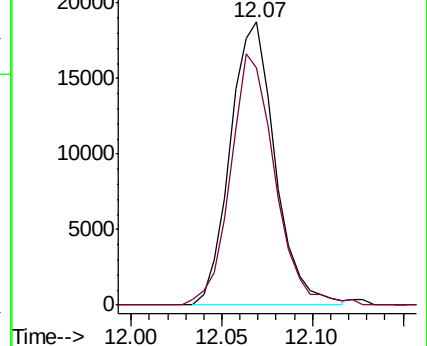
142 100

141 83.9 71.8 107.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#44

Dimethylphthalate

Concen: 10.475 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BN002946.D

Acq: 04 Oct 2018 23:07

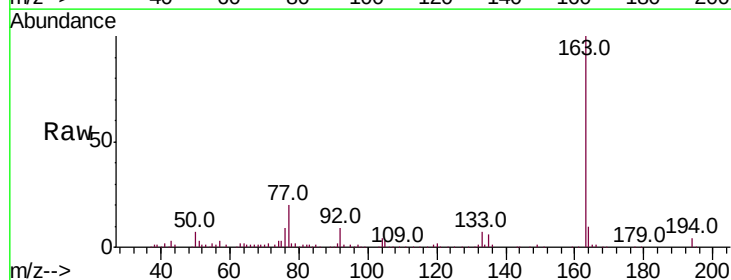
Tgt Ion:163 Resp: 292455

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

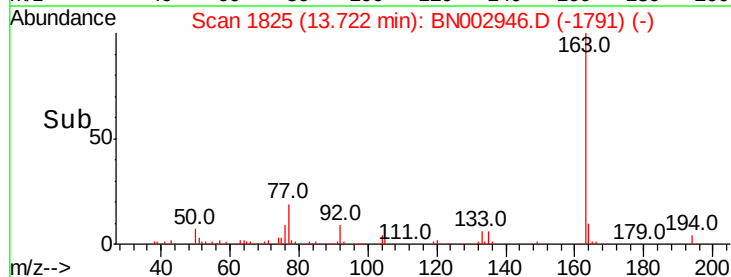
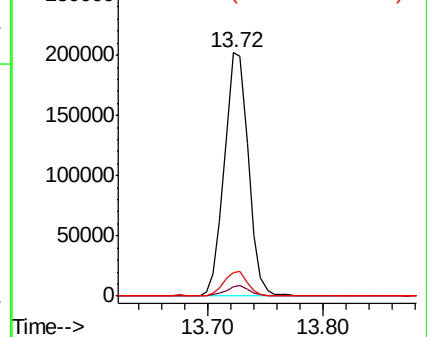
164 9.7 8.1 12.1

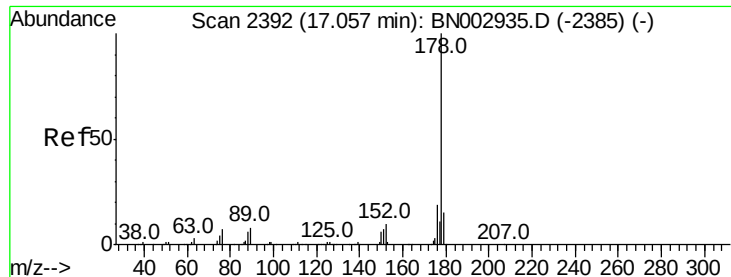


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 5.794 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BN002946.D

Acq: 04 Oct 2018 23:07

Instrument :

BNA_N

ClientSampled :

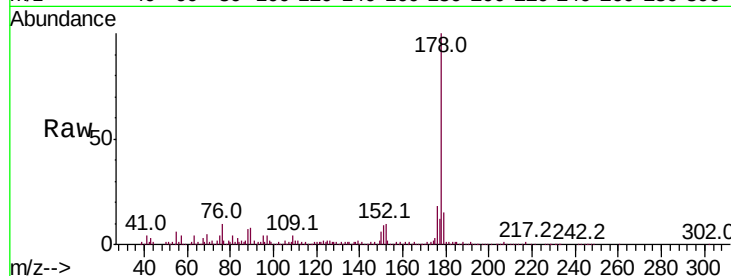
Tot Ion:178 Resp: 253633

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

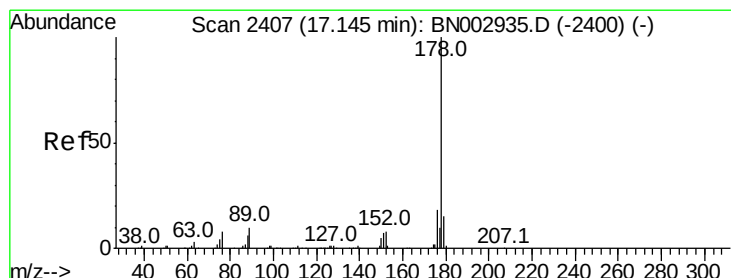
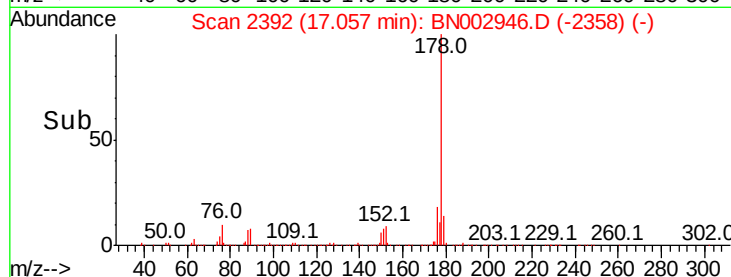
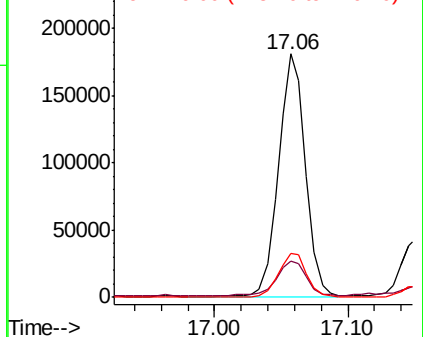
176 17.8 15.0 22.6



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



#71

Anthracene

Concen: 5.714 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. -0.09 min

Lab File: BN002946.D

Acq: 04 Oct 2018 23:07

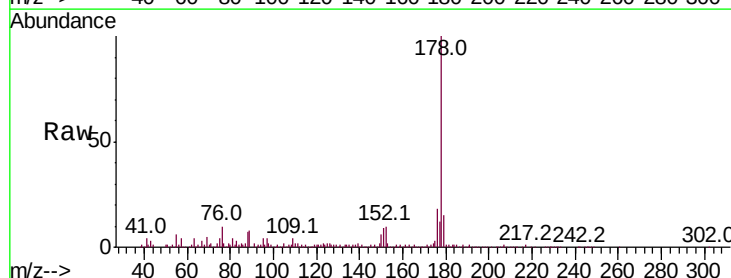
Tgt Ion:178 Resp: 253633

Ion Ratio Lower Upper

178 100

179 15.1 12.0 18.0

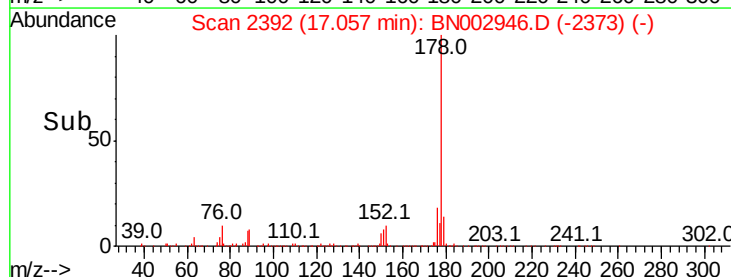
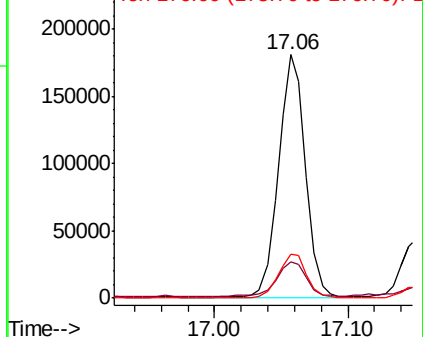
176 17.8 15.0 22.4

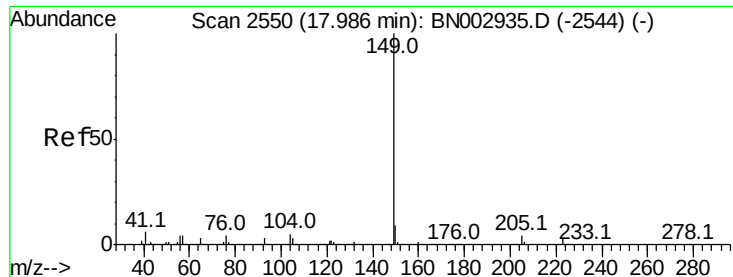


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Di-n-butylphthalate

Concen: 2.302 ng/ul

RT: 17.99 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BN002946.D

Acq: 04 Oct 2018 23:07

Instrument :

BNA_N

ClientSampleId :

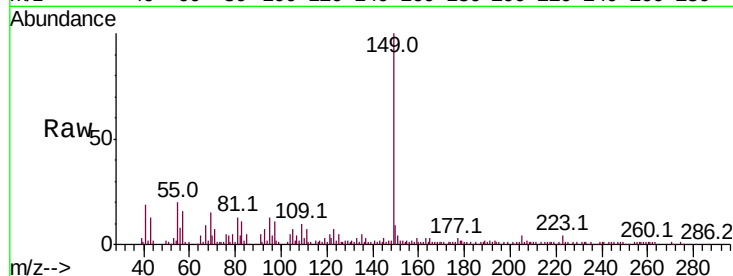
Tot Ion:149 Resp: 105216

Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

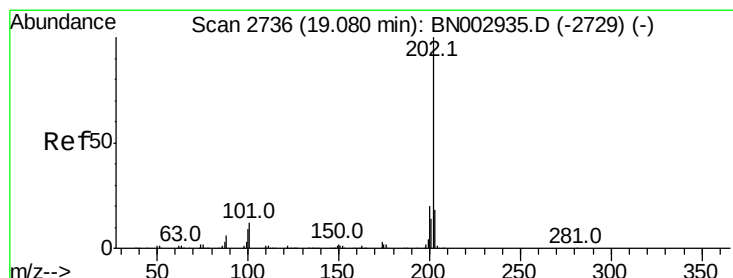
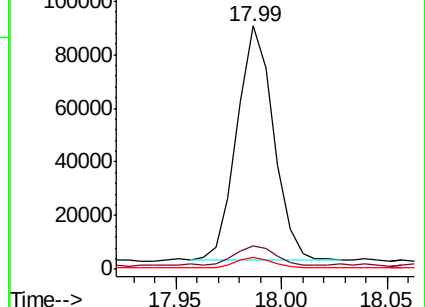
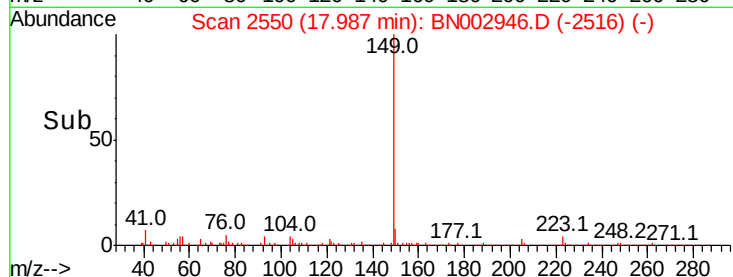
104 4.7 3.7 5.5



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: 8.368 ng/ul

RT: 19.09 min Scan# 2737

Delta R.T. 0.01 min

Lab File: BN002946.D

Acq: 04 Oct 2018 23:07

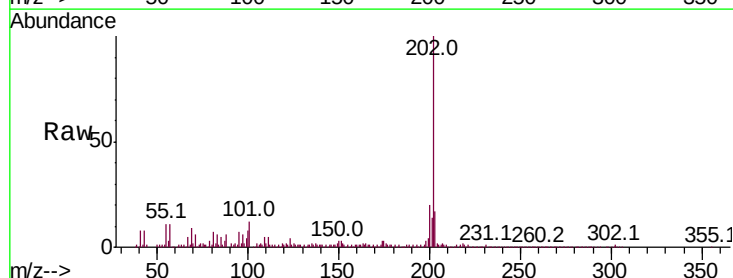
Tgt Ion:202 Resp: 390754

Ion Ratio Lower Upper

202 100

101 11.7 9.4 14.2

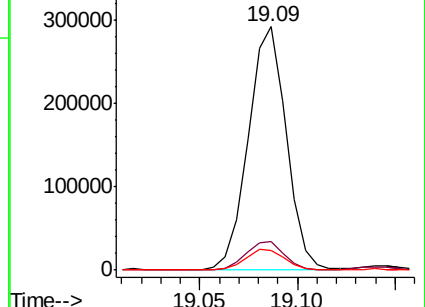
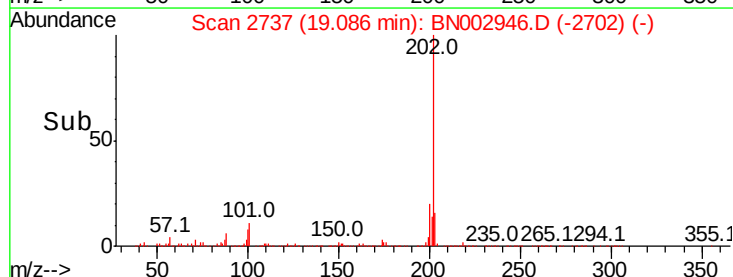
100 8.2 7.0 10.6

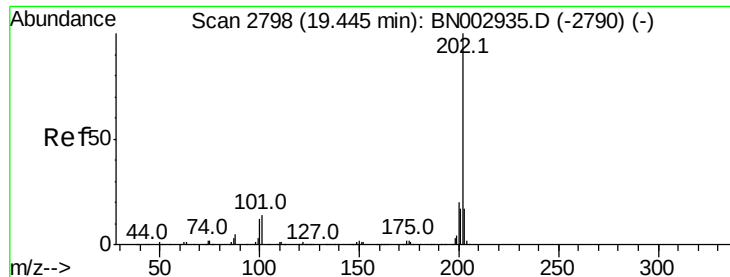


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pvrene

Concen: 8.243 ng/ul

RT: 19.45 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BN002946.D

Acq: 04 Oct 2018 23:07

Instrument :

BNA_N

ClientSampleId :

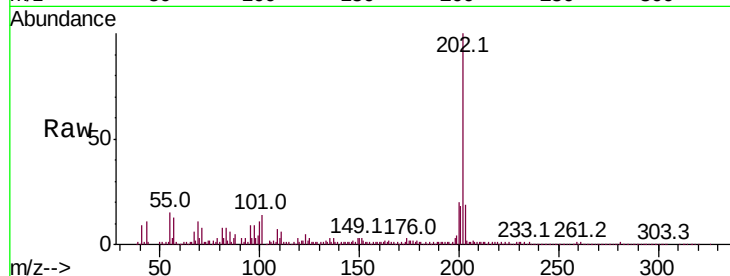
Tot Ion:202 Resp: 361770

Ion Ratio Lower Upper

202 100

101 13.5 10.8 16.2

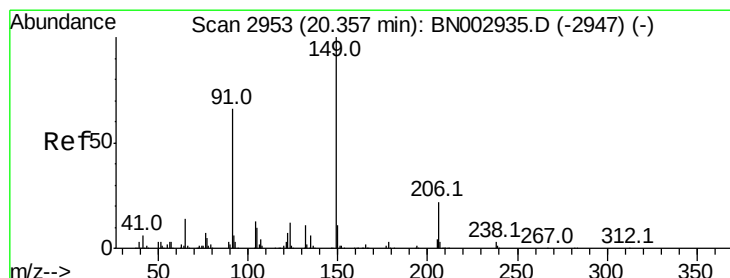
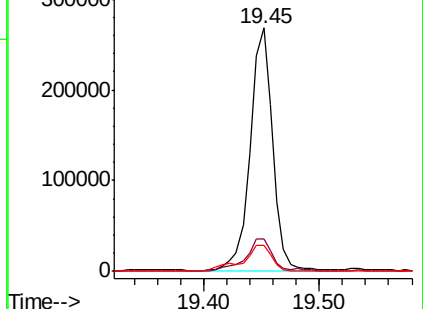
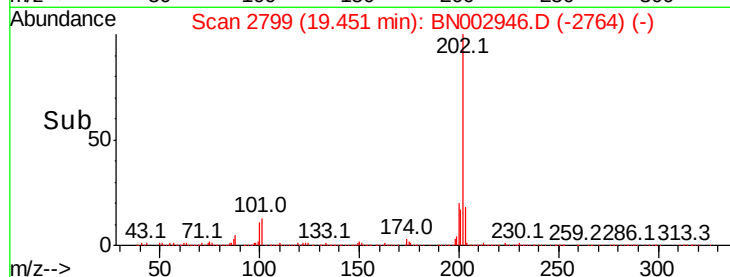
100 10.7 8.2 12.2



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: 6.562 ng/ul

RT: 20.36 min Scan# 2953

Delta R.T. 0.00 min

Lab File: BN002946.D

Acq: 04 Oct 2018 23:07

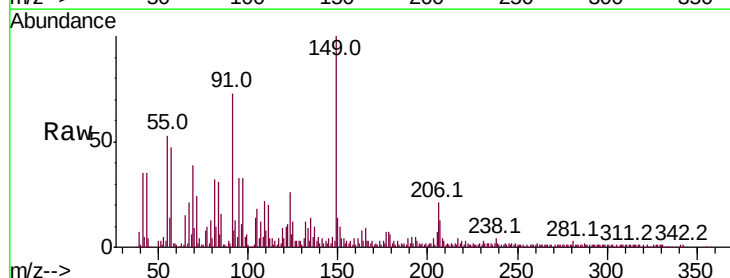
Tgt Ion:149 Resp: 119839

Ion Ratio Lower Upper

149 100

91 73.2 56.3 84.5

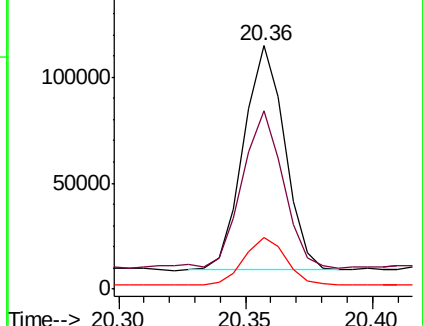
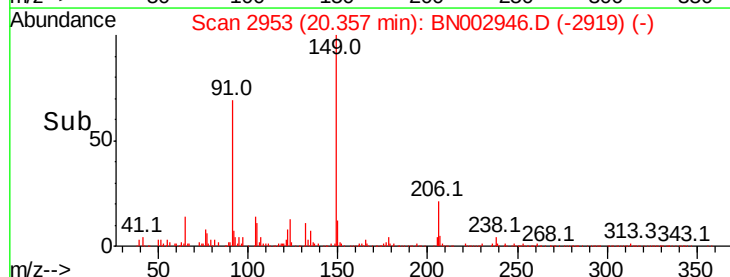
206 21.2 16.8 25.2

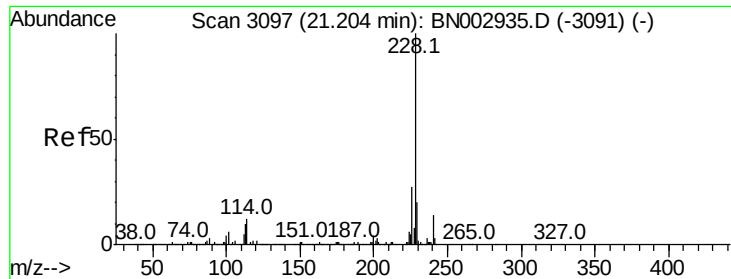


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 3.466 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BN002946.D

Acq: 04 Oct 2018 23:07

Instrument :

BNA_N

ClientSampled :

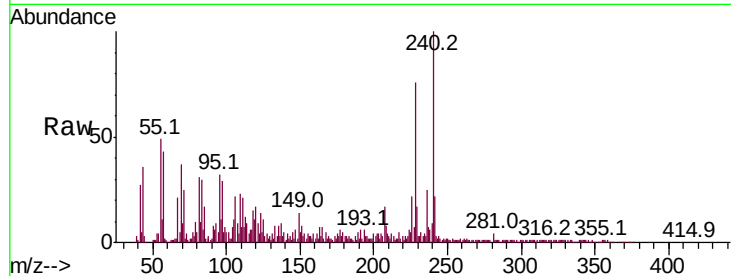
Tot Ion:228 Resp: 143107

Ion Ratio Lower Upper

228 100

229 22.5 15.8 23.6

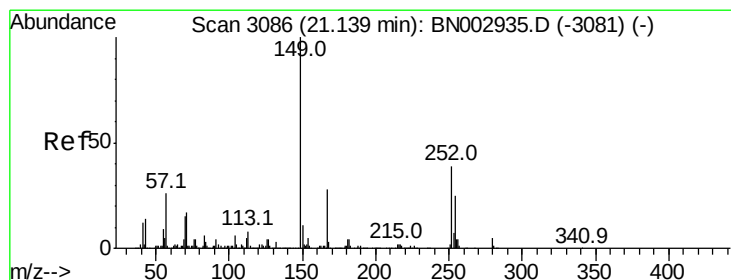
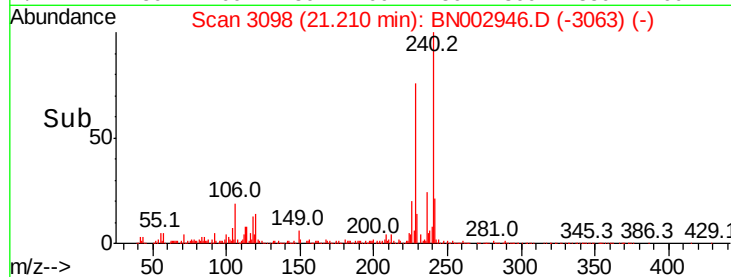
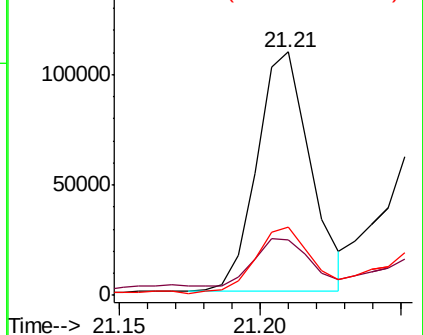
226 28.2 20.9 31.3



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: 8.202 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BN002946.D

Acq: 04 Oct 2018 23:07

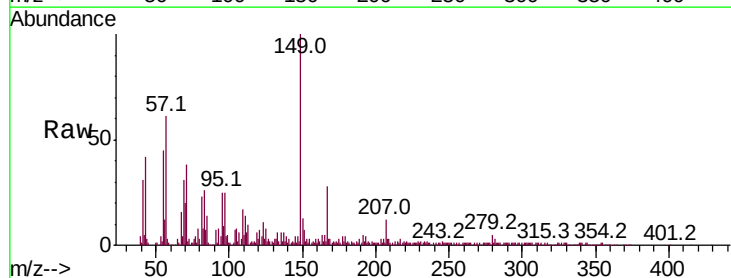
Tgt Ion:149 Resp: 217462

Ion Ratio Lower Upper

149 100

167 27.6 22.0 33.0

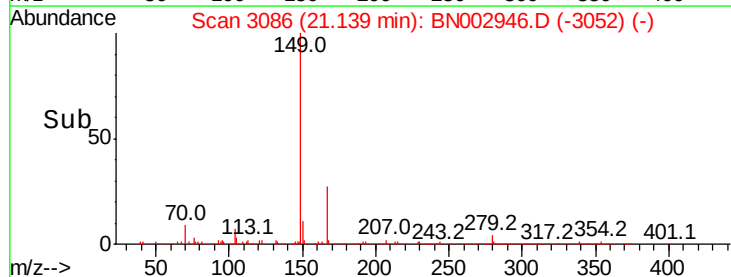
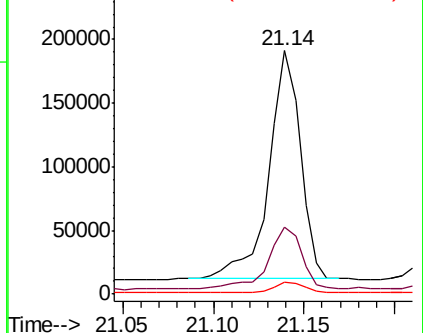
279 4.7 3.3 4.9

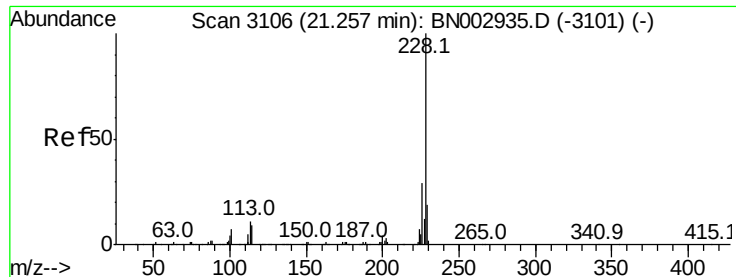


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 3.867 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BN002946.D

Acq: 04 Oct 2018 23:07

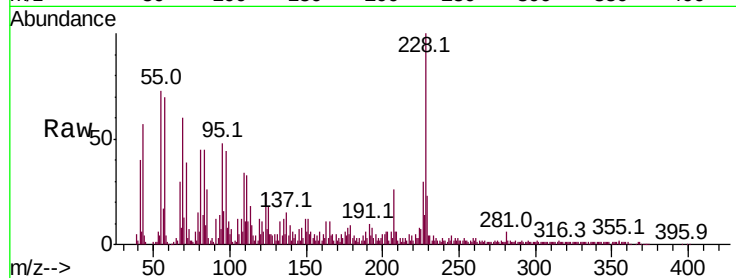
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 149658

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.0
229	22.9	15.7	23.5

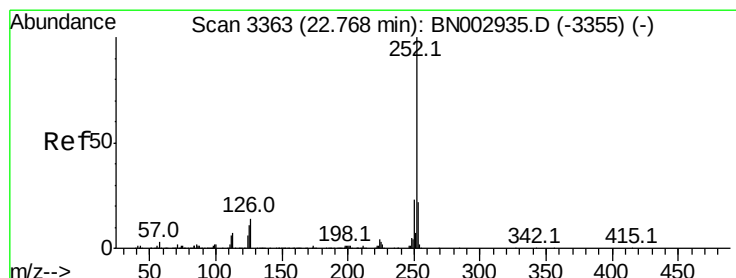
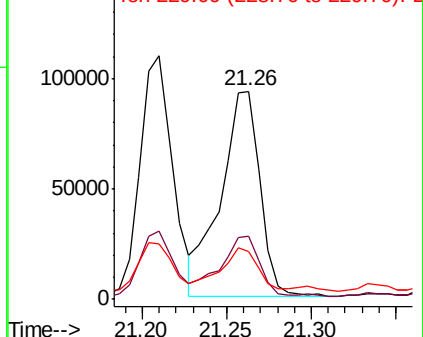
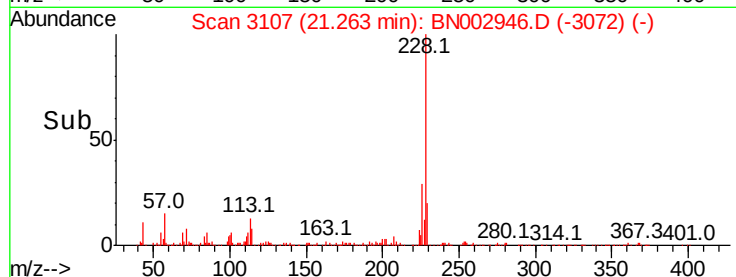


Abundance

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: 4.240 ng/ul

RT: 22.78 min Scan# 3365

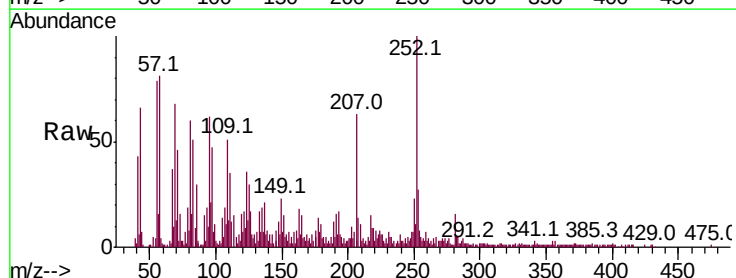
Delta R.T. 0.01 min

Lab File: BN002946.D

Acq: 04 Oct 2018 23:07

Tgt Ion:252 Resp: 152662

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.0	25.4#
125	30.3	8.0	12.0#

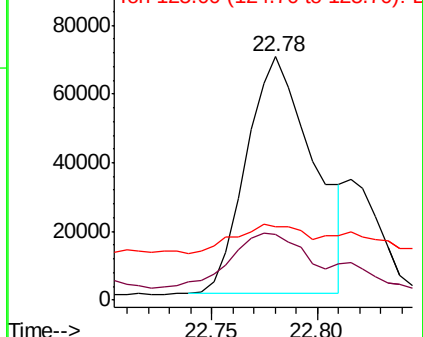
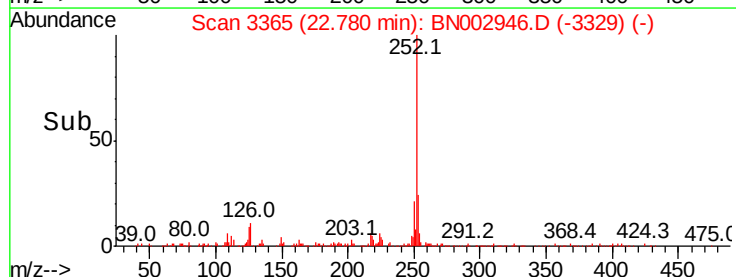


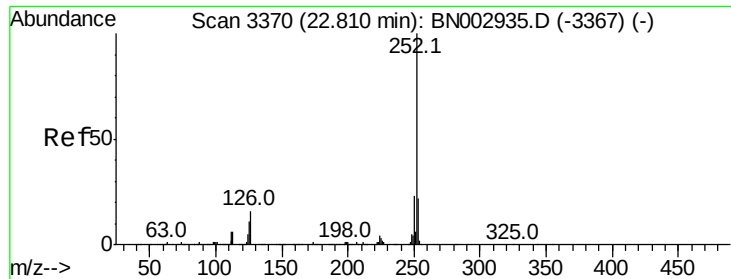
Abundance

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: 4.545 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. -0.03 min

Lab File: BN002946.D

Acq: 04 Oct 2018 23:07

Instrument :

BNA_N

ClientSampleId :

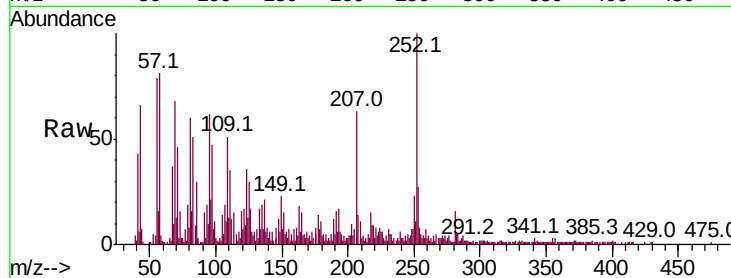
Tot Ion:252 Resp: 152662

Ion Ratio Lower Upper

252 100

253 27.0 17.8 26.8#

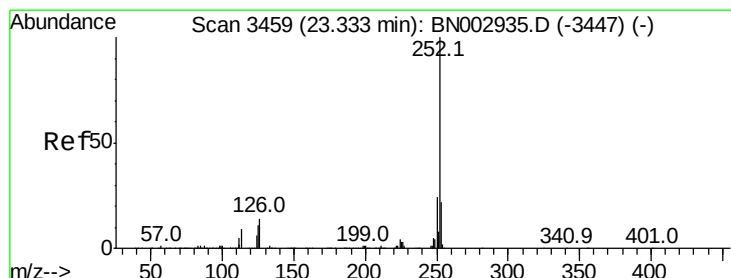
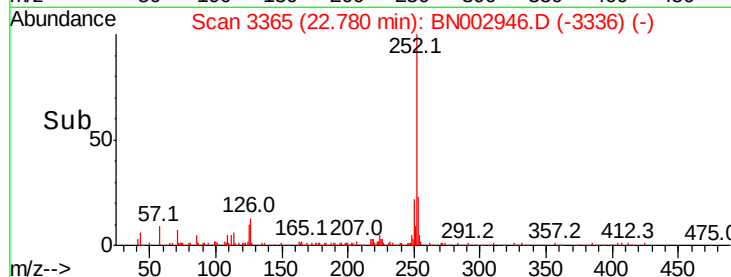
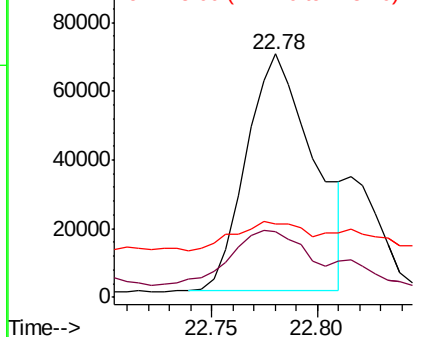
125 30.3 8.3 12.5#



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



#90

Benzo(a)pyrene

Concen: 3.424 ng/ul

RT: 23.34 min Scan# 3460

Delta R.T. 0.01 min

Lab File: BN002946.D

Acq: 04 Oct 2018 23:07

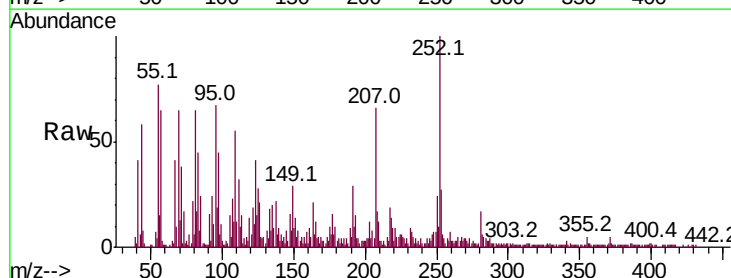
Tgt Ion:252 Resp: 116553

Ion Ratio Lower Upper

252 100

253 26.8 17.6 26.4#

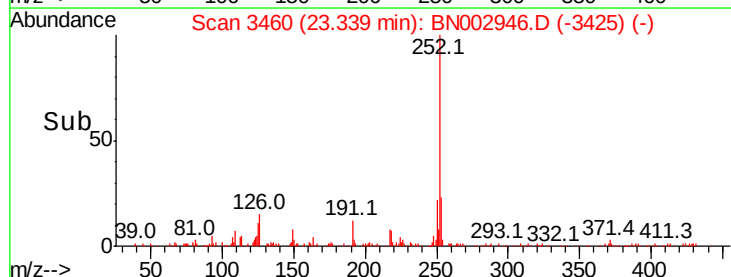
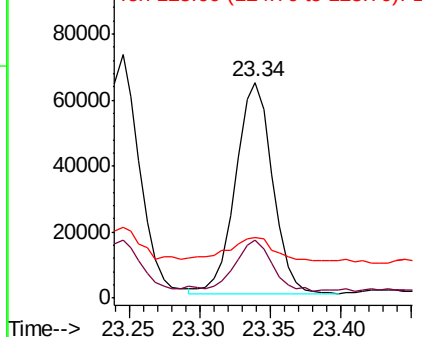
125 28.1 8.8 13.2#

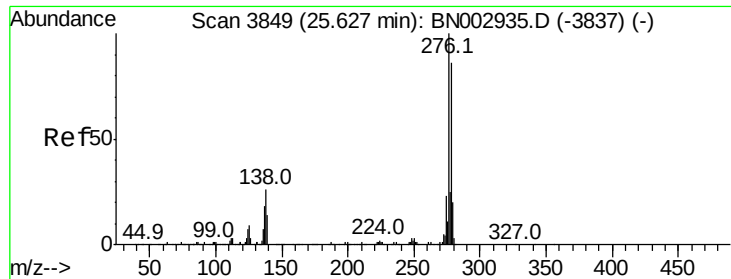


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

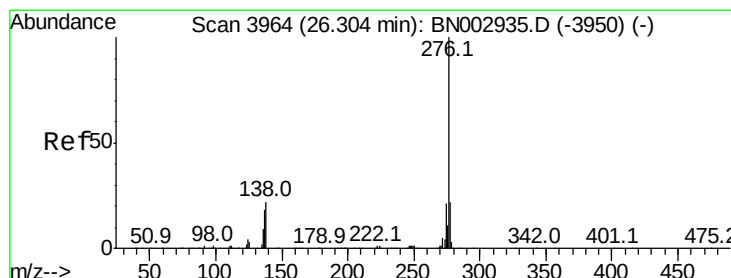
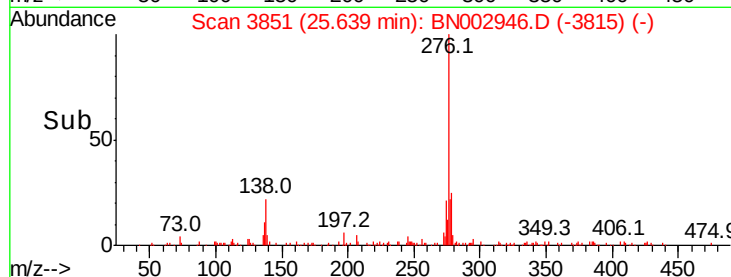
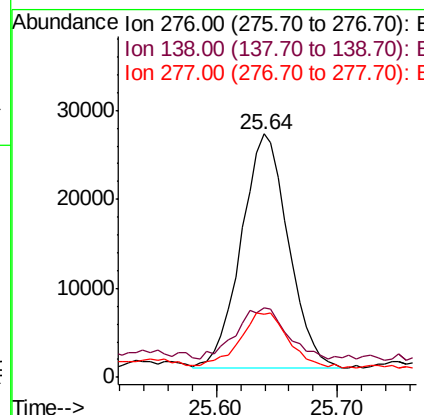
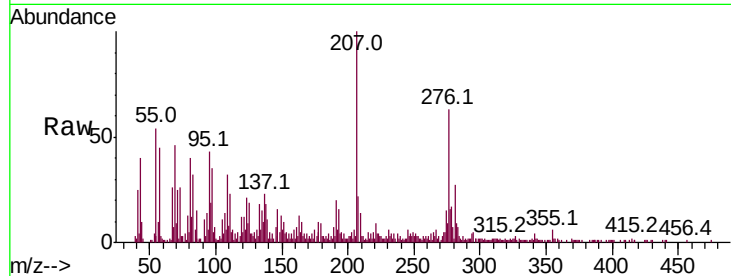




#91
 Indeno(1,2,3-cd)pyrene
 Concen: 1.768 ng/ul
 RT: 25.64 min Scan# 3851
 Delta R.T. 0.01 min
 Lab File: BN002946.D
 Acq: 04 Oct 2018 23:07

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 71243
 Ion Ratio Lower Upper
 276 100
 138 28.5 20.2 30.4
 277 25.7 20.0 30.0



#93
 Benzo(g,h,i)perylene
 Concen: 2.989 ng/ul
 RT: 26.32 min Scan# 3967
 Delta R.T. 0.02 min
 Lab File: BN002946.D
 Acq: 04 Oct 2018 23:07

Tgt Ion:276 Resp: 100701
 Ion Ratio Lower Upper
 276 100
 138 26.2 18.2 27.2
 277 26.7 18.6 28.0

