

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
 Data File : BN002943.D
 Acq On : 04 Oct 2018 21:22
 Operator : MJ/SJ
 Sample : J5183-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 05 02:28:20 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	7.63	152	129427	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	614319	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	385729	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	840632	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	672830	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	574909	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	6143	2.19	ng/uL	0.00
5) Phenol-d5	6.82	99	199855	18.18	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	138407	20.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	182102	20.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	164851	19.37	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	94566	19.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	106528	19.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	189774	19.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	179232	15.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	574664	19.03	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	842295	21.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	47485	9.51	ng/ul	0.02
57) Fluorene-d10	15.26	176	597385	22.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	32157	6.12	ng/ul	0.01
70) Anthracene-d10	17.12	188	891814	22.22	ng/ul	0.00
78) Pyrene-d10	19.42	212	913689	25.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	671382	22.19	ng/ul	0.00

Target Compounds

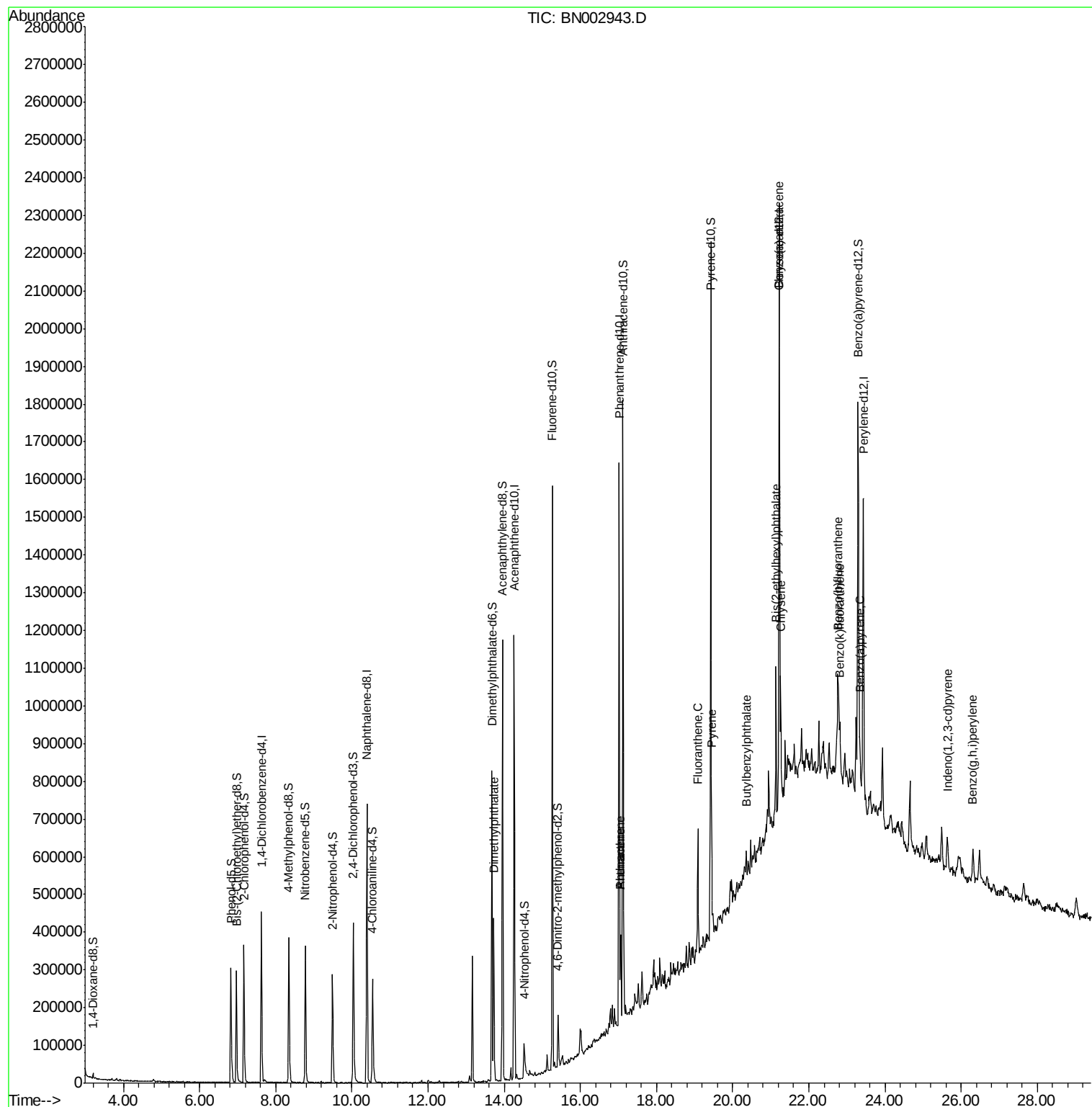
					Ovalue	
44) Dimethylphthalate	13.73	163	300881	10.210	ng/ul	100
69) Phenanthrene	17.06	178	140008	3.023	ng/ul	98
71) Anthracene	17.06	178	140008	2.981	ng/ul	98
76) Fluoranthene	19.09	202	202680	4.102	ng/ul	98
79) Pyrene	19.45	202	198762	4.468	ng/ul	99
80) Butylbenzylphthalate	20.36	149	20178	1.090	ng/ul	94
82) Benzo(a)anthracene	21.21	228	81423	1.945	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.14	149	134709	5.013	ng/ul	98
84) Chrysene	21.26	228	183154	4.668	ng/ul	99
87) Benzo(b)fluoranthene	22.77	252	168506	4.799	ng/ul#	87
88) Benzo(k)fluoranthene	22.82	252	52595	1.606	ng/ul#	77
90) Benzo(a)pyrene	23.33	252	69014	2.079	ng/ul#	84
91) Indeno(1,2,3-cd)pyrene	25.63	276	85630	2.179	ng/ul	98
93) Benzo(g,h,i)perylene	26.31	276	99451	3.027	ng/ul	94

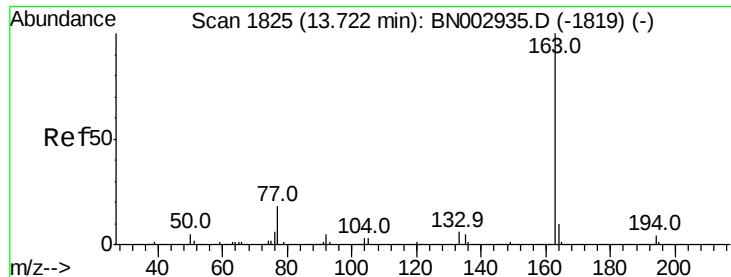
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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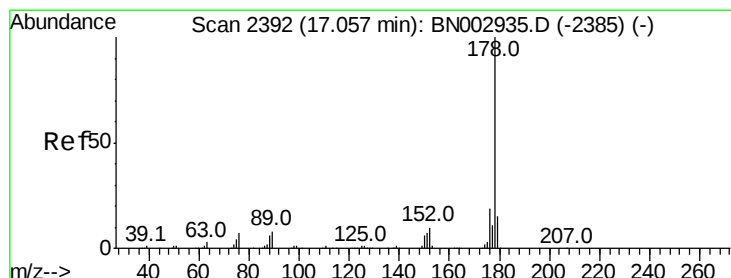
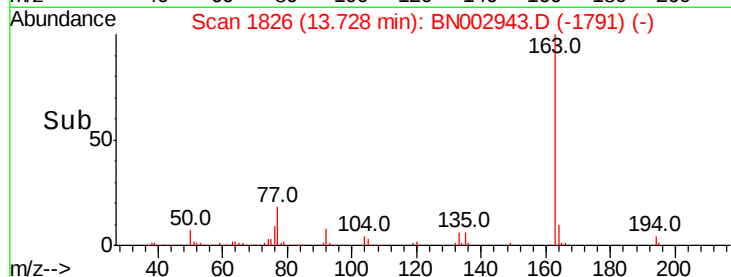
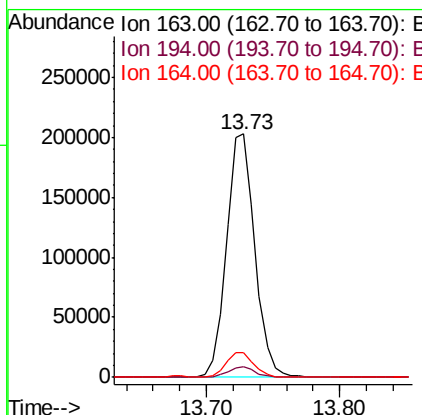
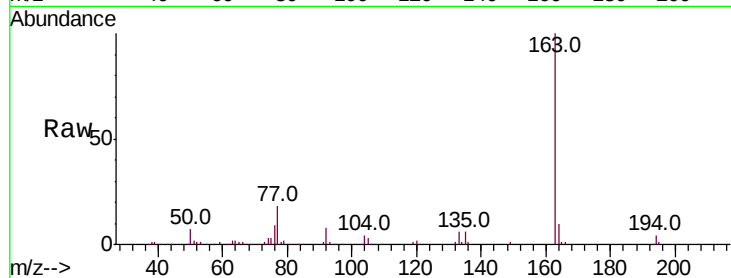




#44
Dimethylphthalate
Concen: 10.210 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BN002943.D
Acq: 04 Oct 2018 21:22

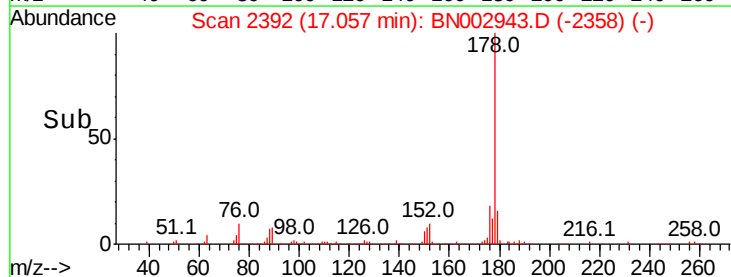
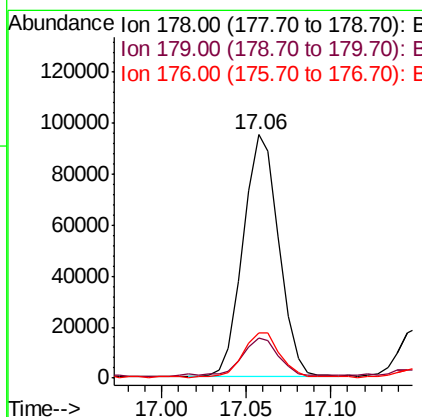
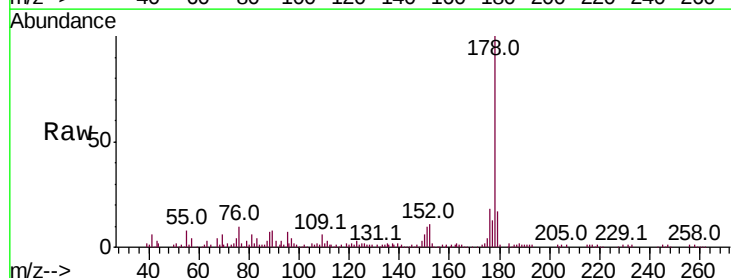
Instrument :
BNA_N
ClientSampleId :

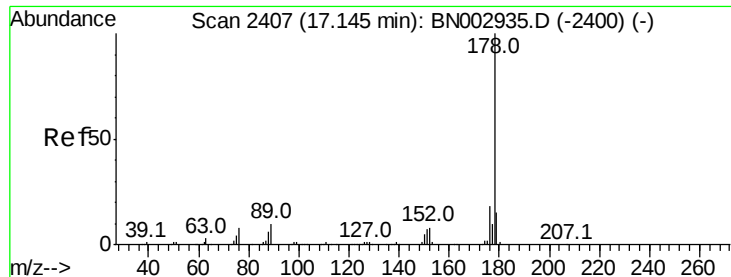
Tot Ion:163 Resp: 300881
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.1 8.1 12.1



#69
Phenanthrene
Concen: 3.023 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BN002943.D
Acq: 04 Oct 2018 21:22

Tgt Ion:178 Resp: 140008
Ion Ratio Lower Upper
178 100
179 16.6 12.2 18.4
176 18.3 15.0 22.6

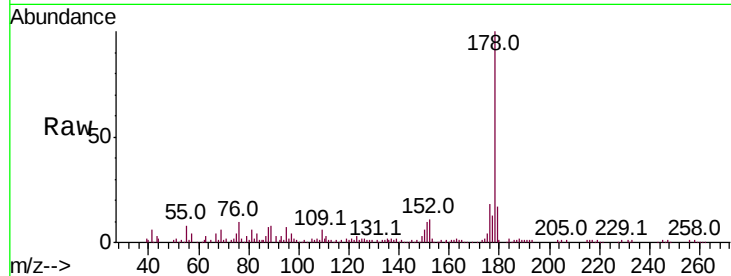




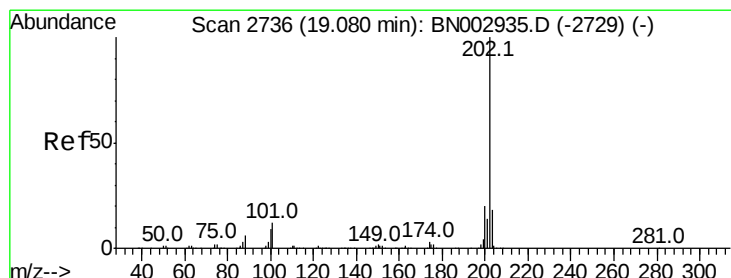
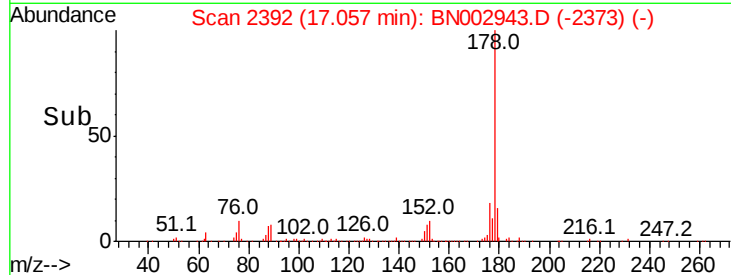
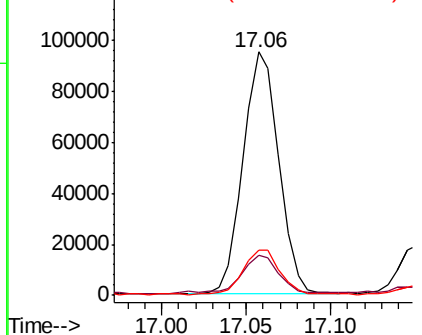
#71
 Anthracene
 Concen: 2.981 ng/ul
 RT: 17.06 min Scan# 2392
 Delta R.T. -0.09 min
 Lab File: BN002943.D
 Acq: 04 Oct 2018 21:22

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:178 Resp: 140008
 Ion Ratio Lower Upper
 178 100
 179 16.6 12.0 18.0
 176 18.3 15.0 22.4

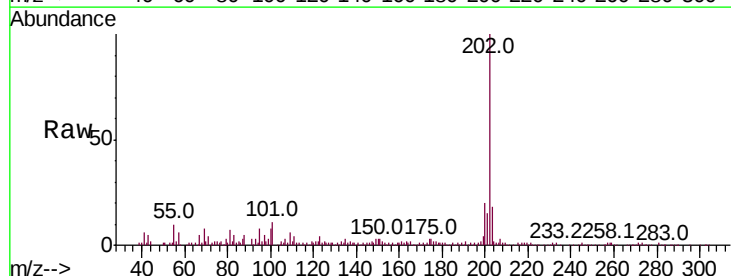


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

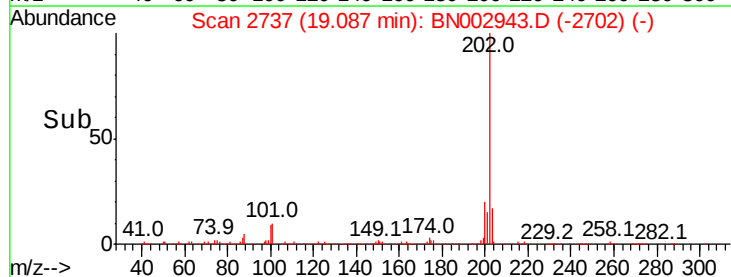
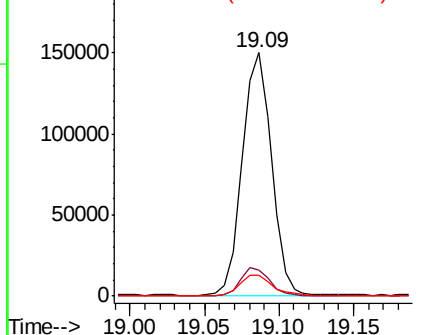


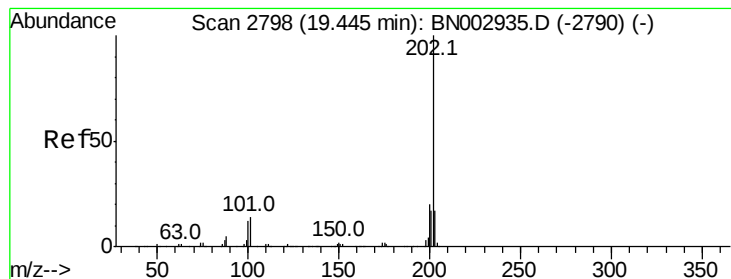
#76
 Fluoranthene
 Concen: 4.102 ng/ul
 RT: 19.09 min Scan# 2737
 Delta R.T. 0.01 min
 Lab File: BN002943.D
 Acq: 04 Oct 2018 21:22

Tgt Ion:202 Resp: 202680
 Ion Ratio Lower Upper
 202 100
 101 10.7 9.4 14.2
 100 8.5 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: 4.468 ng/ul

RT: 19.45 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BN002943.D

Acq: 04 Oct 2018 21:22

Instrument :

BNA_N

ClientSampleId :

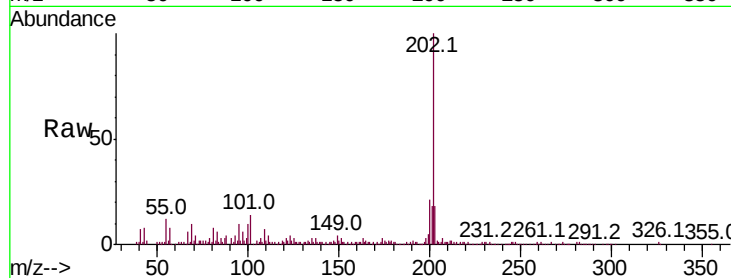
Tot Ion:202 Resp: 198762

Ion Ratio Lower Upper

202 100

101 13.9 10.8 16.2

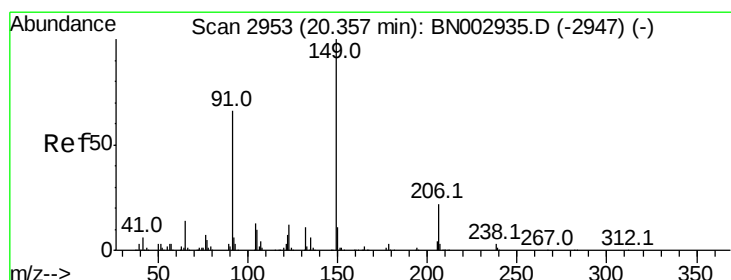
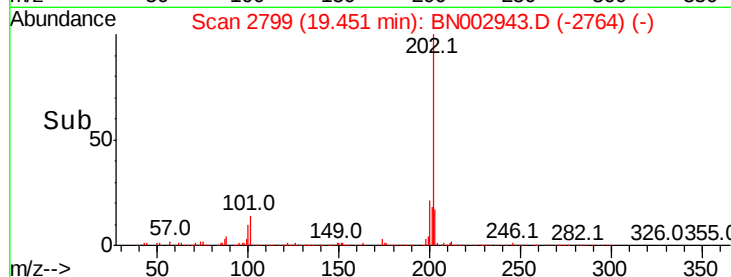
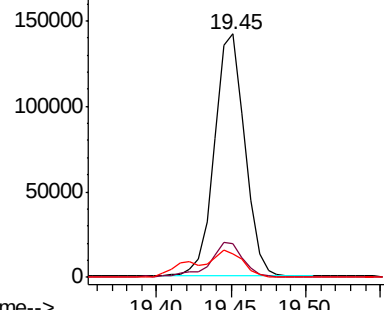
100 9.7 8.2 12.2



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: 1.090 ng/ul

RT: 20.36 min Scan# 2953

Delta R.T. 0.00 min

Lab File: BN002943.D

Acq: 04 Oct 2018 21:22

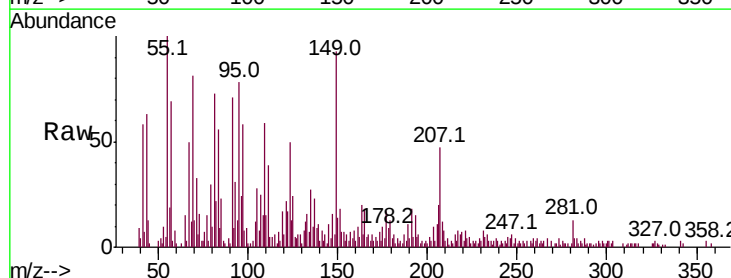
Tgt Ion:149 Resp: 20178

Ion Ratio Lower Upper

149 100

91 76.8 56.3 84.5

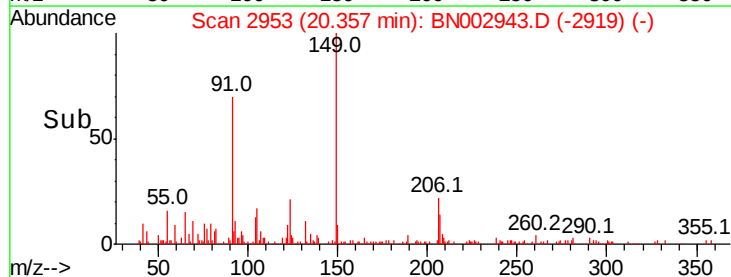
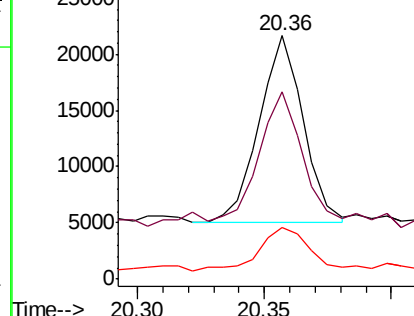
206 21.4 16.8 25.2

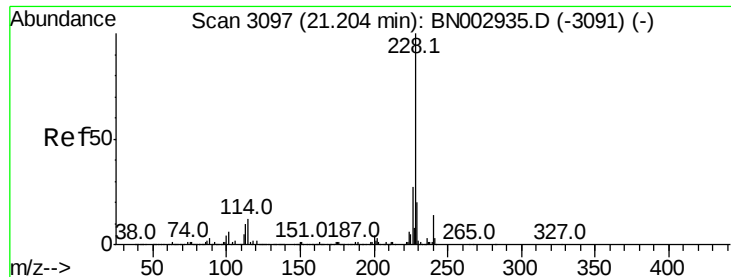


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 1.945 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BN002943.D

Acq: 04 Oct 2018 21:22

Instrument :

BNA_N

ClientSampleId :

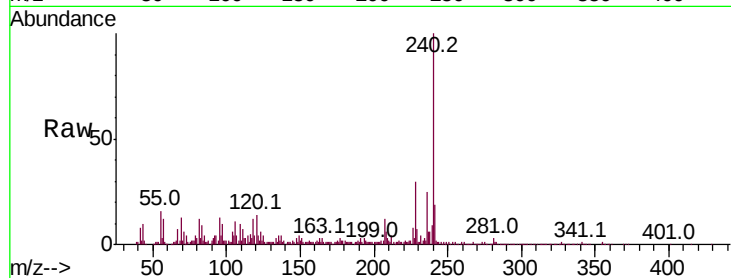
Tot Ion:228 Resp: 81423

Ion Ratio Lower Upper

228 100

229 21.4 15.8 23.6

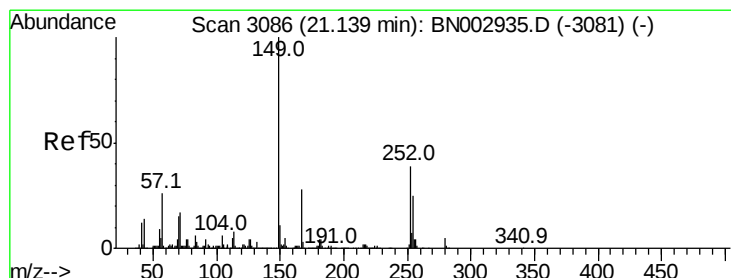
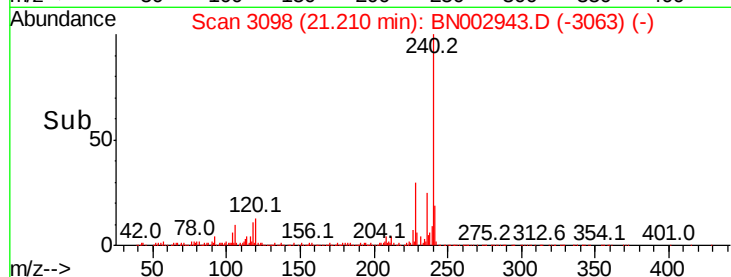
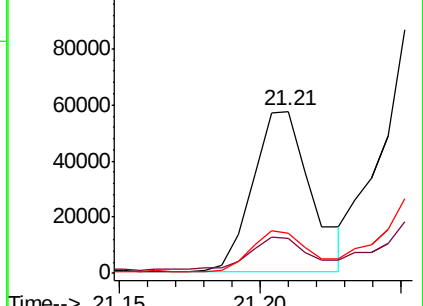
226 24.9 20.9 31.3



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: 5.013 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BN002943.D

Acq: 04 Oct 2018 21:22

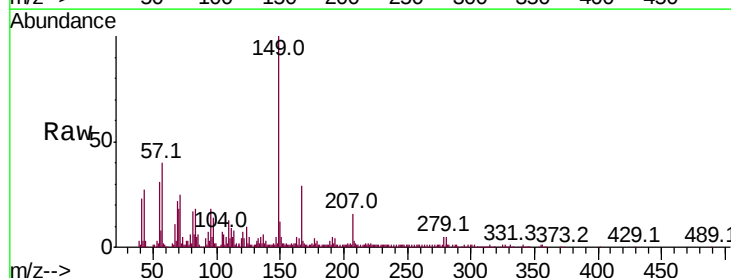
Tgt Ion:149 Resp: 134709

Ion Ratio Lower Upper

149 100

167 28.6 22.0 33.0

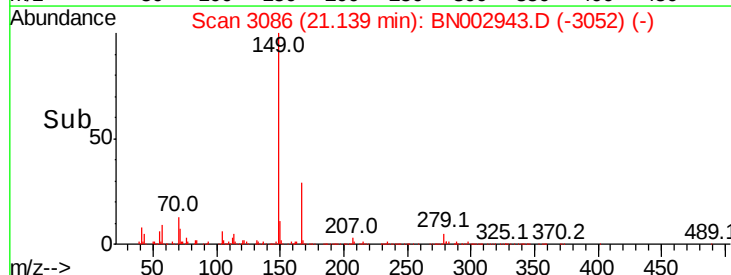
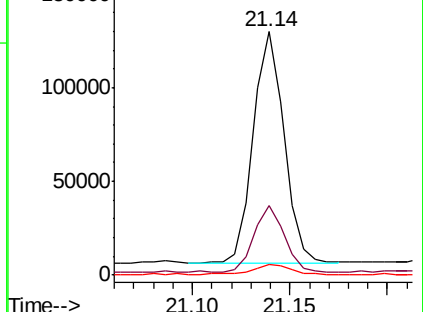
279 4.6 3.3 4.9

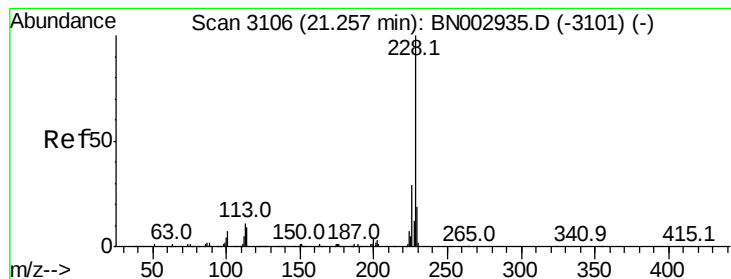


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 4.668 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN002943.D

Acq: 04 Oct 2018 21:22

Instrument :

BNA_N

ClientSampleId :

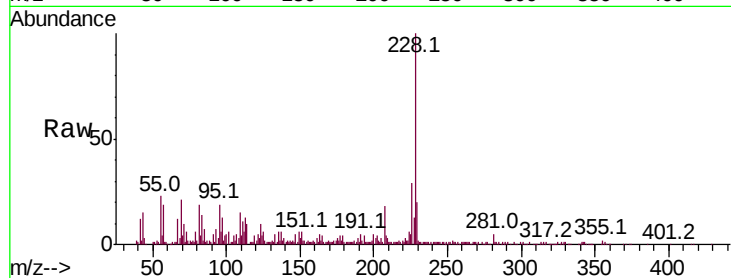
Tot Ion:228 Resp: 183154

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.0

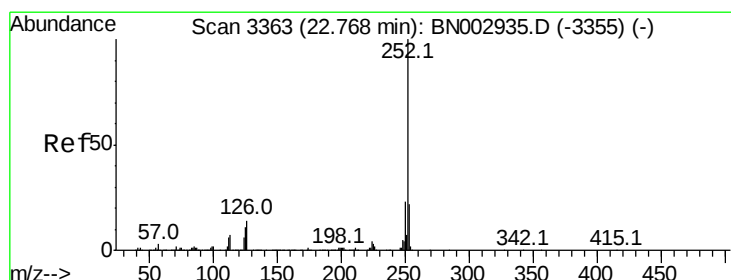
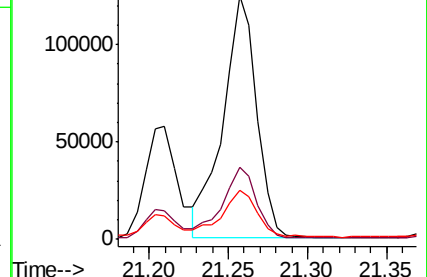
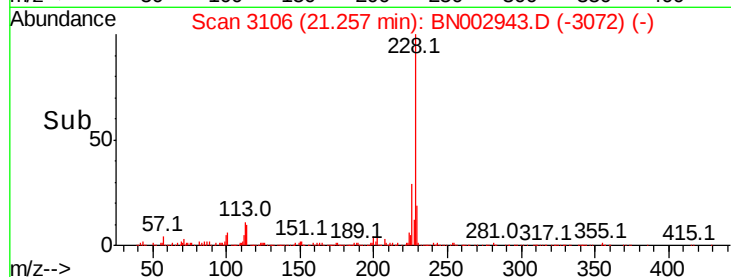
229 20.3 15.7 23.5



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: 4.799 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BN002943.D

Acq: 04 Oct 2018 21:22

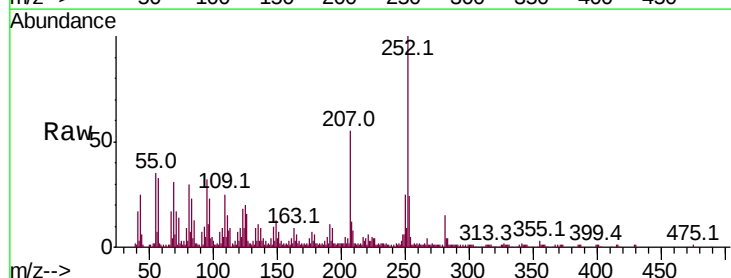
Tgt Ion:252 Resp: 168506

Ion Ratio Lower Upper

252 100

253 24.1 17.0 25.4

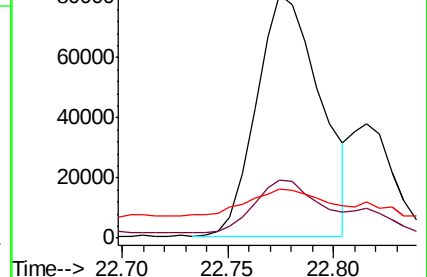
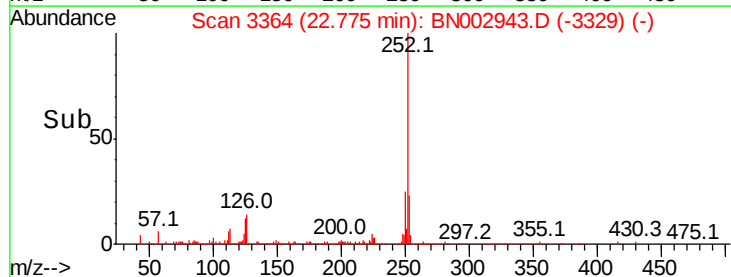
125 20.2 8.0 12.0#

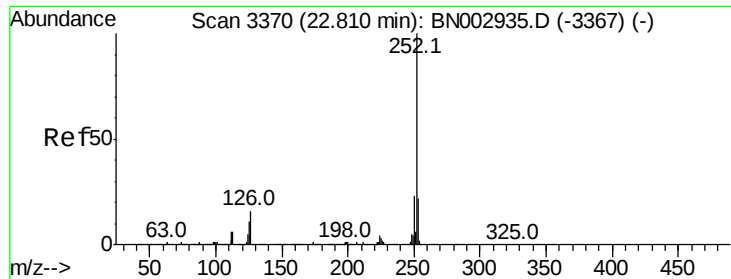


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

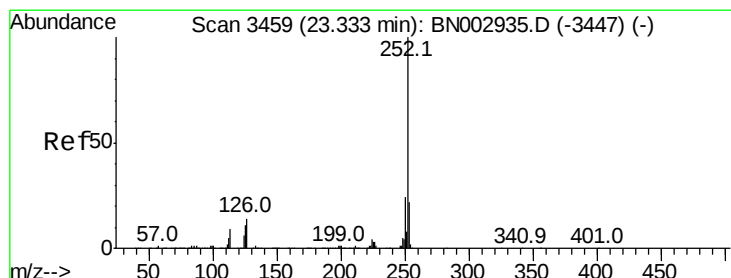
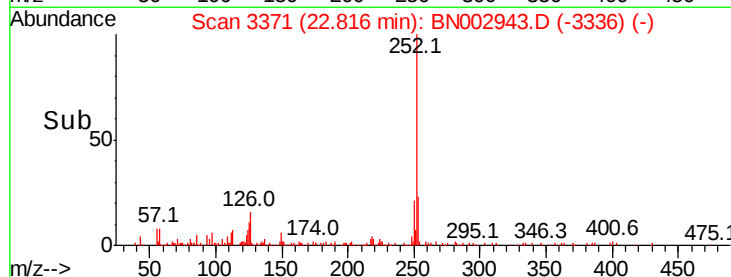
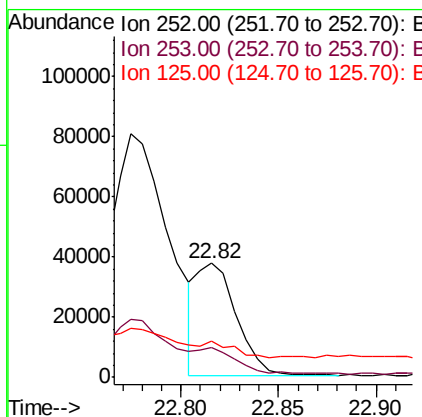
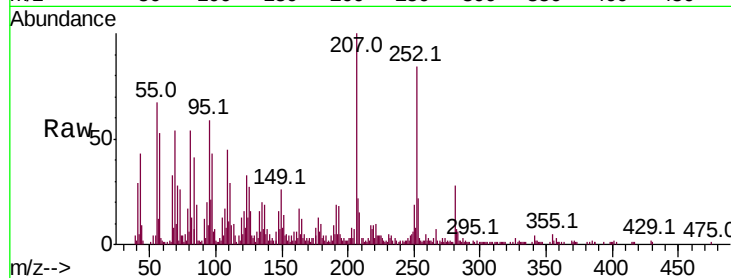




#88
Benzo(k)fluoranthene
Concen: 1.606 ng/ul
RT: 22.82 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BN002943.D
Acq: 04 Oct 2018 21:22

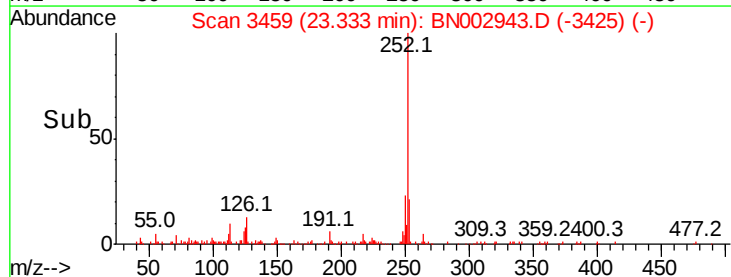
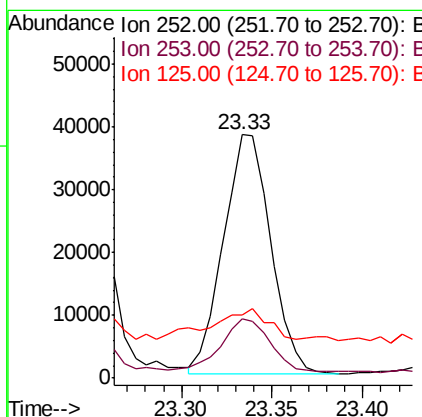
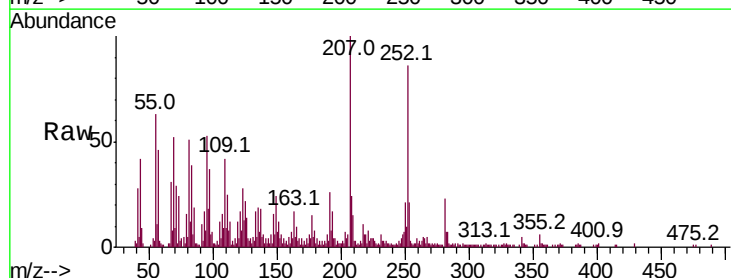
Instrument :
BNA_N
ClientSampleId :

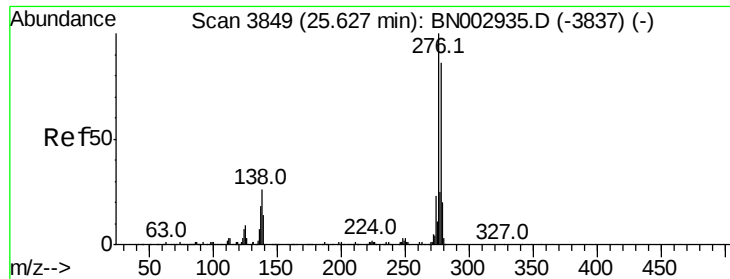
Tot Ion:252 Resp: 52595
Ion Ratio Lower Upper
252 100
253 25.8 17.8 26.8
125 31.6 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 2.079 ng/ul
RT: 23.33 min Scan# 3459
Delta R.T. 0.00 min
Lab File: BN002943.D
Acq: 04 Oct 2018 21:22

Tgt Ion:252 Resp: 69014
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 25.8 8.8 13.2#





#91

Indeno(1,2,3-cd)pyrene

Concen: 2.179 ng/ul

RT: 25.63 min Scan# 3850

Delta R.T. 0.01 min

Lab File: BN002943.D

Acq: 04 Oct 2018 21:22

Instrument :

BNA_N

ClientSampleId :

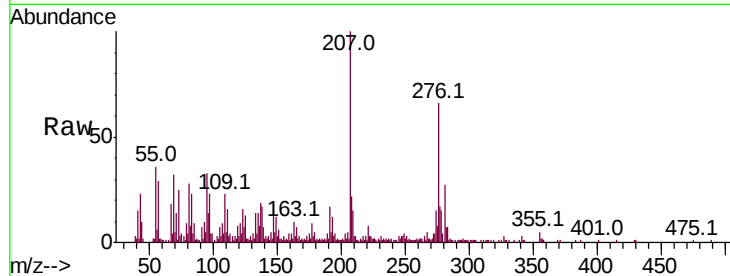
Tot Ion:276 Resp: 85630

Ion Ratio Lower Upper

276 100

138 26.6 20.2 30.4

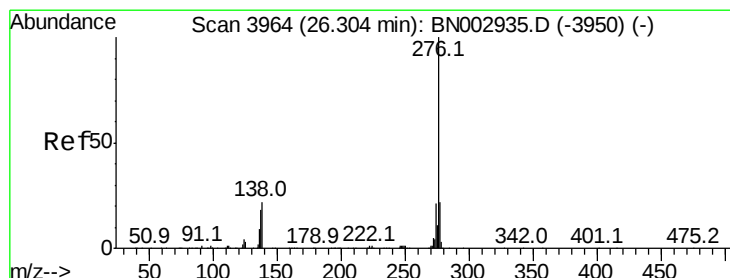
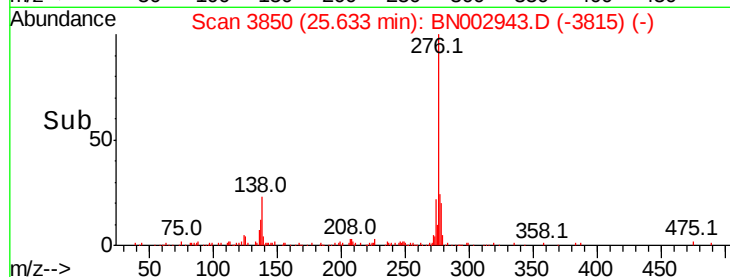
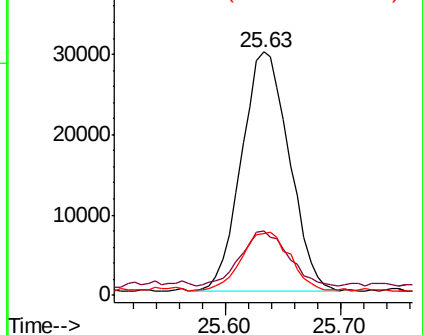
277 25.4 20.0 30.0



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(g,h,i)perylene

Concen: 3.027 ng/ul

RT: 26.31 min Scan# 3965

Delta R.T. 0.01 min

Lab File: BN002943.D

Acq: 04 Oct 2018 21:22

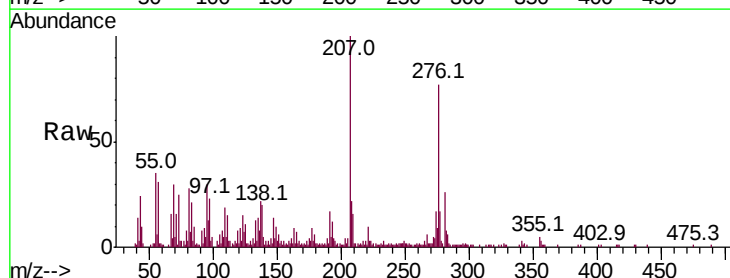
Tgt Ion:276 Resp: 99451

Ion Ratio Lower Upper

276 100

138 26.7 18.2 27.2

277 21.6 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

