

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000612.D
 Acq On : 24 Mar 2018 10:53
 Operator : JU/SJ
 Sample : J1951-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 26 01:28:36 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 26 01:26:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	201206	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	847990	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	422249	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	721603	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	491962	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	536994	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	16900	3.00	ng/uL	0.01
5) Phenol-d5	7.55	99	347421	18.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.72	67	207863	19.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	271198	19.11	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	270201	18.48	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	133114	19.33	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	140390	19.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	246806	19.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	264749	20.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	704512	21.12	ng/ul	0.00
46) Acenaphthylene-d8	14.73	160	892764	20.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	68377	11.04	ng/ul	0.00
57) Fluorene-d10	16.02	176	547630	19.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	34547	8.36	ng/ul	0.00
70) Anthracene-d10	17.86	188	690805	19.92	ng/ul	0.00
76) Pyrene-d10	20.11	212	575630	21.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	513960	20.28	ng/ul	0.02

Target Compounds

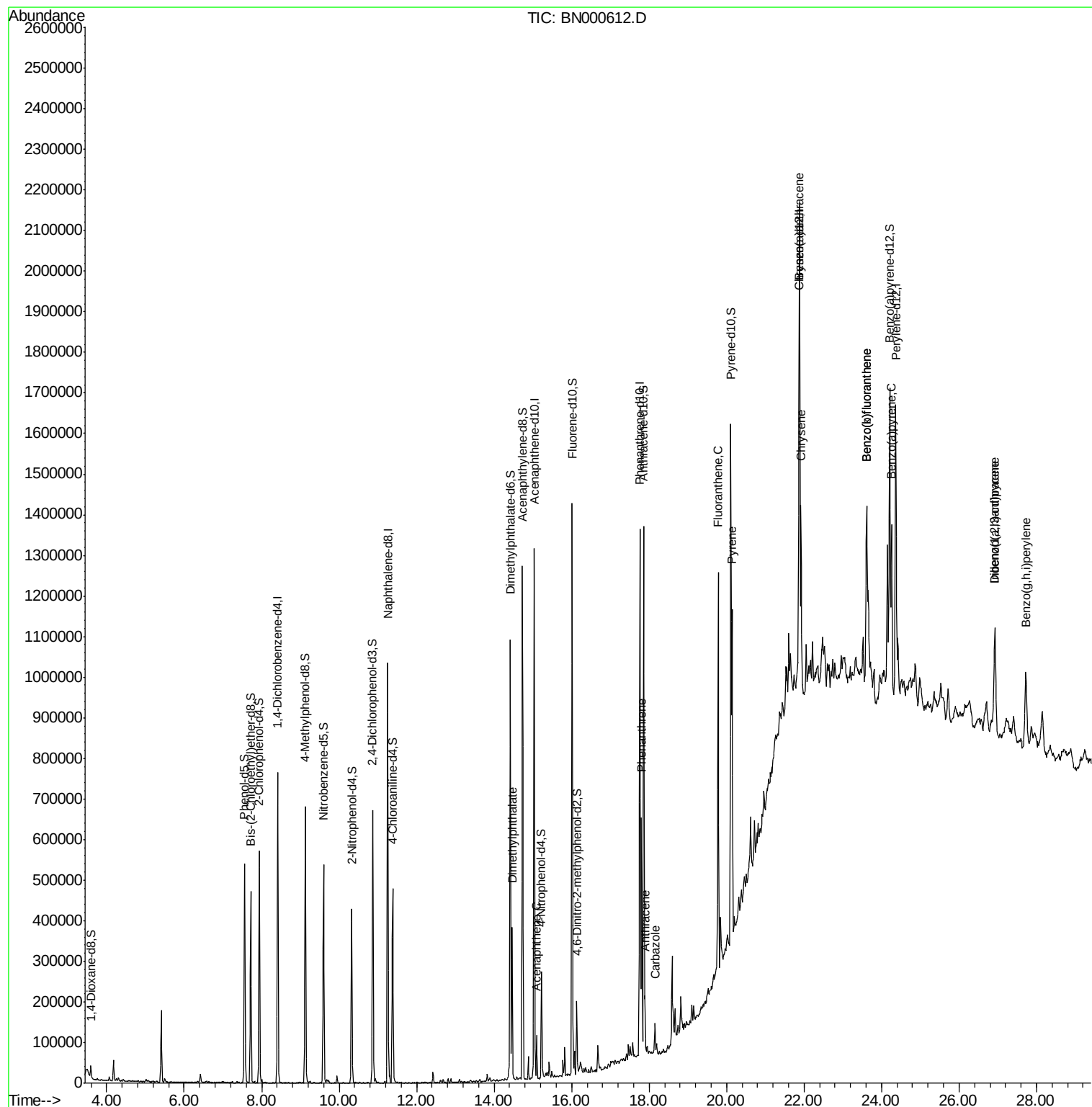
					Ovalue	
44) Dimethylphthalate	14.47	163	215655	6.536	ng/ul#	97
49) Acenaphthene	15.10	153	41673	1.418	ng/ul	99
69) Phenanthrene	17.80	178	330474	7.950	ng/ul	99
71) Anthracene	17.90	178	85260	2.000	ng/ul	98
72) Carbazole	18.15	167	45192	1.236	ng/ul#	97
74) Fluoranthene	19.78	202	550733	13.332	ng/ul#	84
77) Pyrene	20.14	202	468339	13.034	ng/ul#	80
80) Benzo(a)anthracene	21.87	228	264759	8.077	ng/ul	98
82) Chrysene	21.92	228	265779	8.649	ng/ul	96
85) Benzo(b)fluoranthene	23.61	252	416285	12.269	ng/ul#	91
86) Benzo(k)fluoranthene	23.61	252	416285	12.708	ng/ul#	90
88) Benzo(a)pyrene	24.26	252	309520	9.692	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	26.93	276	232851	6.762	ng/ul#	85
90) Dibenzo(a,h)anthracene	26.92	278	60191	2.098	ng/ul#	66
91) Benzo(g,h,i)perylene	27.72	276	228908	7.999	ng/ul#	85

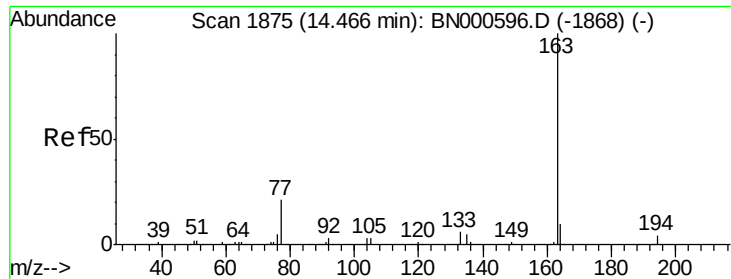
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 26 01:26:45 2018
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 6.536 ng/ul

RT: 14.47 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BN000612.D

Acq: 24 Mar 2018 10:53

Instrument :

BNA_N

ClientSampleId :

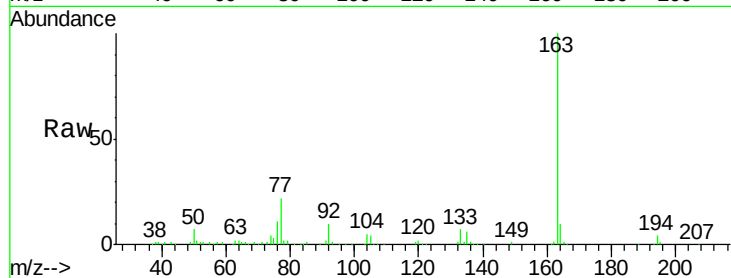
Tot Ion:163 Resp: 215655

Ion Ratio Lower Upper

163 100

194 4.0 4.0 6.0#

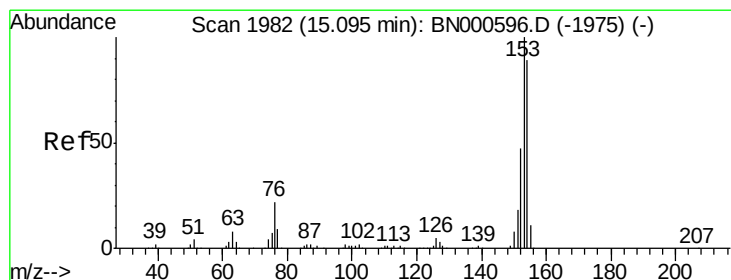
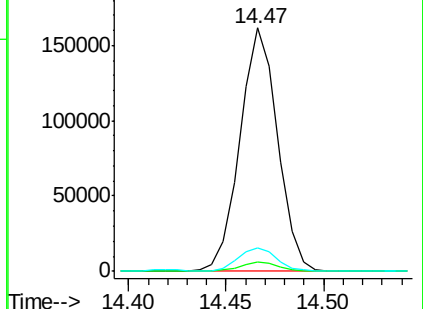
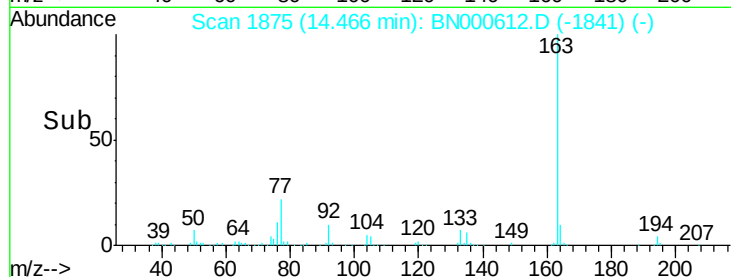
164 9.6 8.4 12.6



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



#49

Acenaphthene

Concen: 1.418 ng/ul

RT: 15.10 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BN000612.D

Acq: 24 Mar 2018 10:53

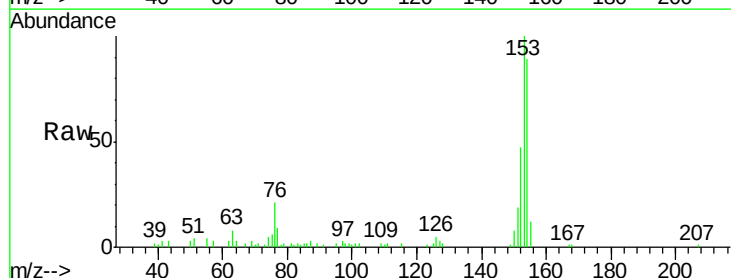
Tgt Ion:153 Resp: 41673

Ion Ratio Lower Upper

153 100

152 47.2 37.9 56.9

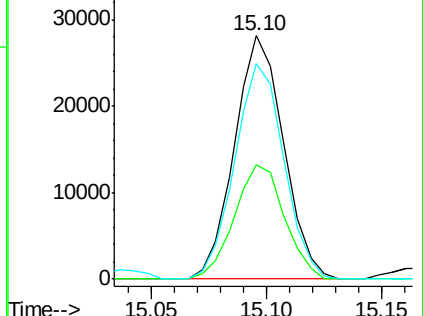
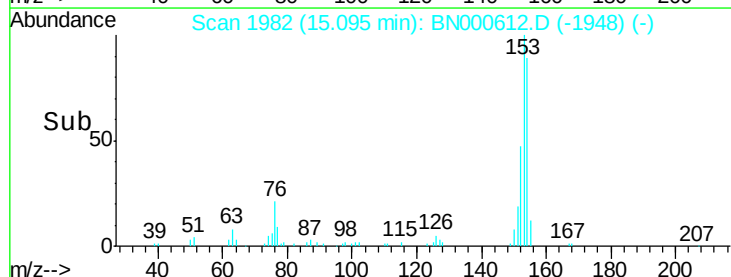
154 88.6 69.8 104.6

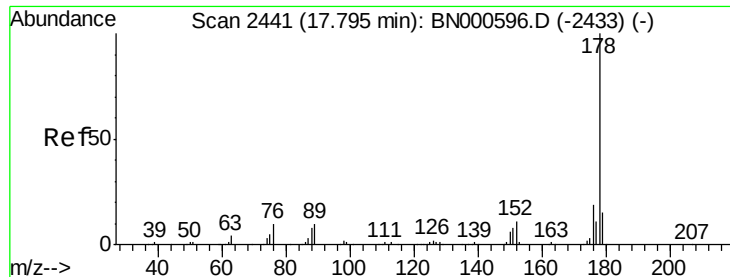


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#69

Phenanthrene

Concen: 7.950 ng/ul

RT: 17.80 min Scan# 2442

Delta R.T. 0.01 min

Lab File: BN000612.D

Acq: 24 Mar 2018 10:53

Instrument :

BNA_N

ClientSampleId :

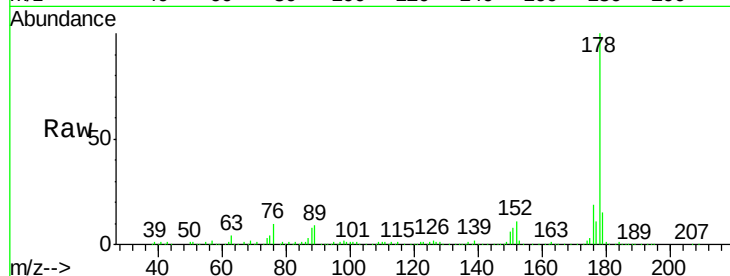
Tot Ion:178 Resp: 330474

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

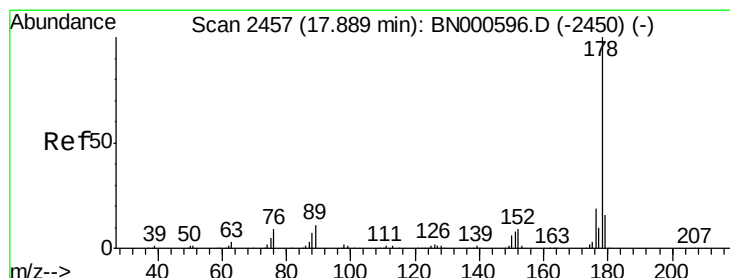
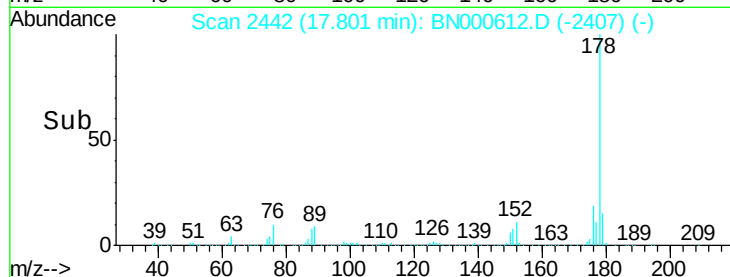
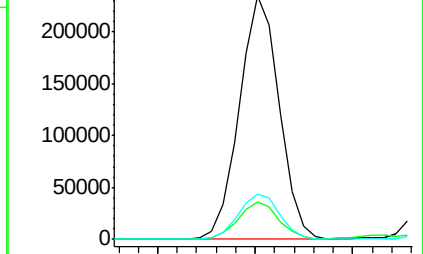
176 18.5 15.4 23.0



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: 2.000 ng/ul

RT: 17.90 min Scan# 2458

Delta R.T. 0.01 min

Lab File: BN000612.D

Acq: 24 Mar 2018 10:53

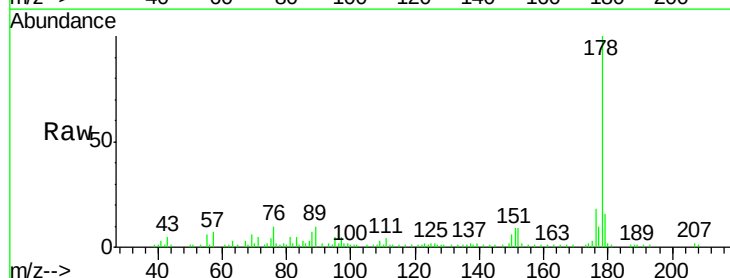
Tgt Ion:178 Resp: 85260

Ion Ratio Lower Upper

178 100

179 16.2 13.4 20.2

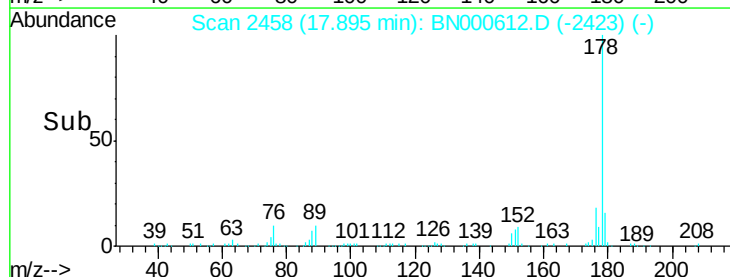
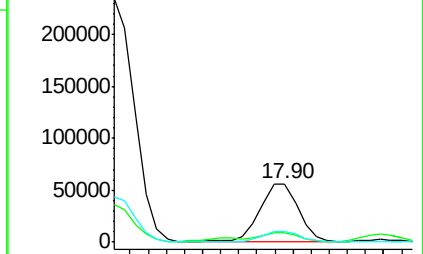
176 18.4 15.4 23.0

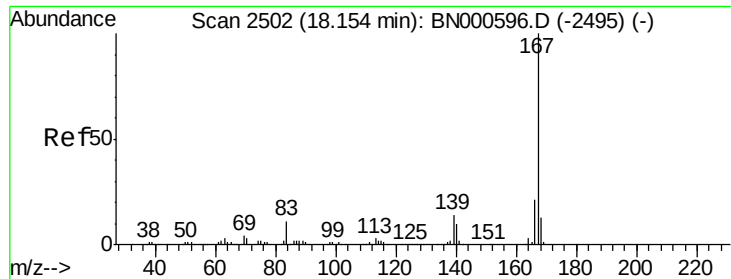


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 1.236 ng/ul

RT: 18.15 min Scan# 2502

Delta R.T. 0.00 min

Lab File: BN000612.D

Acq: 24 Mar 2018 10:53

Instrument :

BNA_N

ClientSampleId :

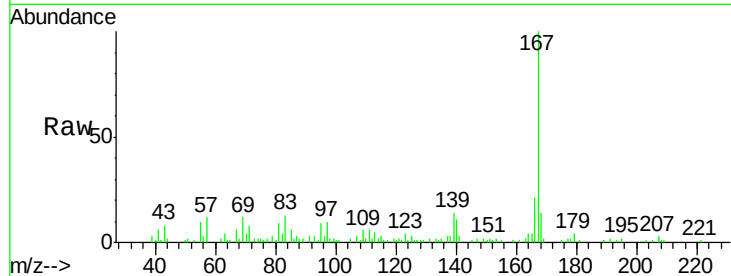
Tot Ion:167 Resp: 45192

Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.4

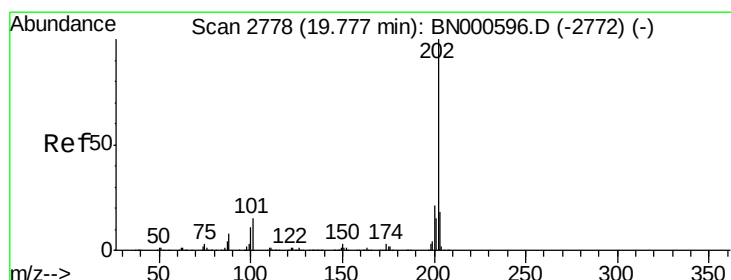
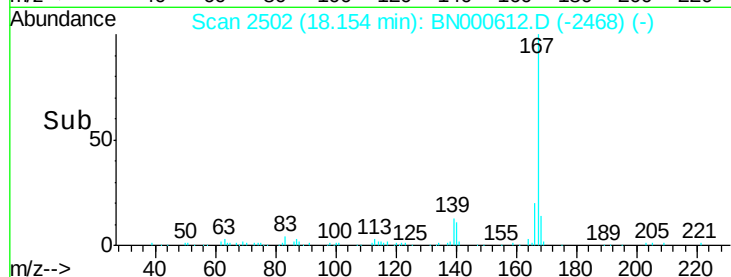
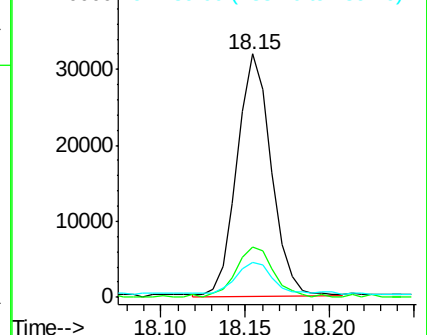
139 14.1 9.1 13.7#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 13.332 ng/ul

RT: 19.78 min Scan# 2779

Delta R.T. 0.01 min

Lab File: BN000612.D

Acq: 24 Mar 2018 10:53

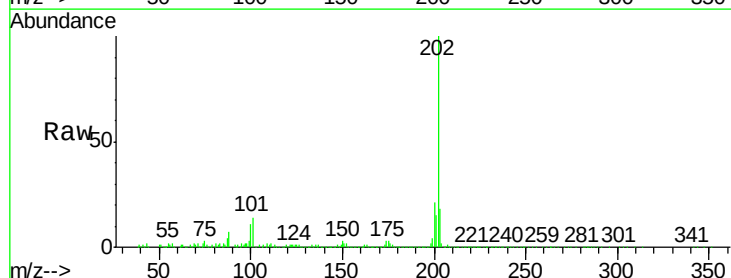
Tgt Ion:202 Resp: 550733

Ion Ratio Lower Upper

202 100

101 13.9 6.1 9.1#

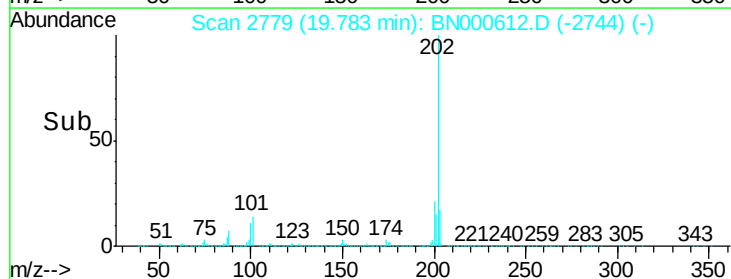
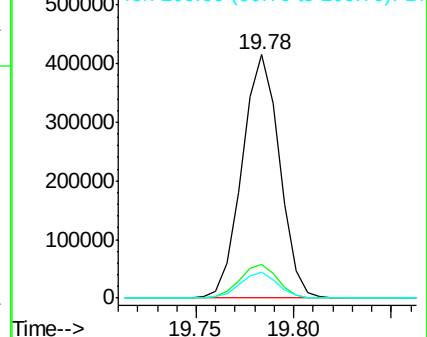
100 10.6 4.6 7.0#

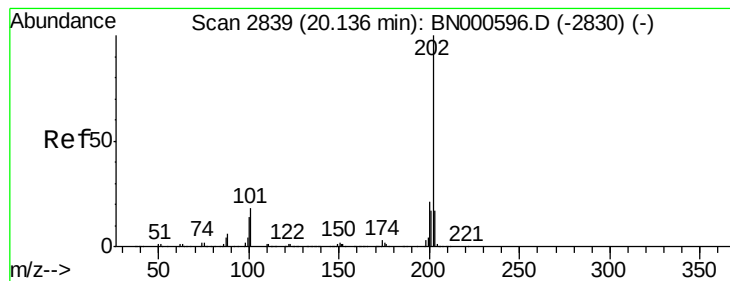


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 13.034 ng/ul

RT: 20.14 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BN000612.D

Acq: 24 Mar 2018 10:53

Instrument :

BNA_N

ClientSampleId :

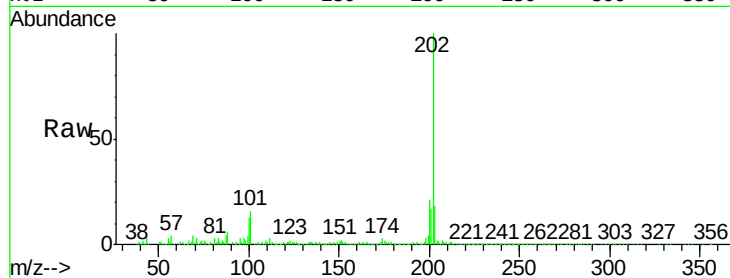
Tot Ion:202 Resp: 468339

Ion Ratio Lower Upper

202 100

101 16.3 6.9 10.3#

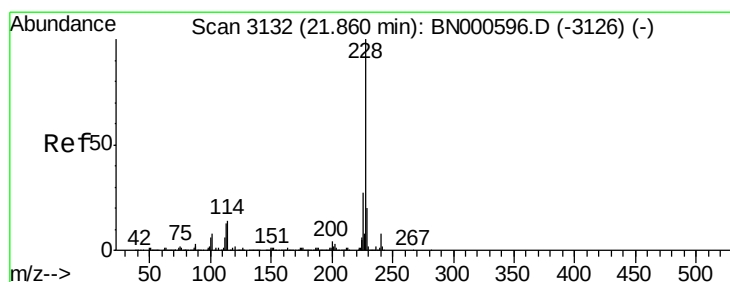
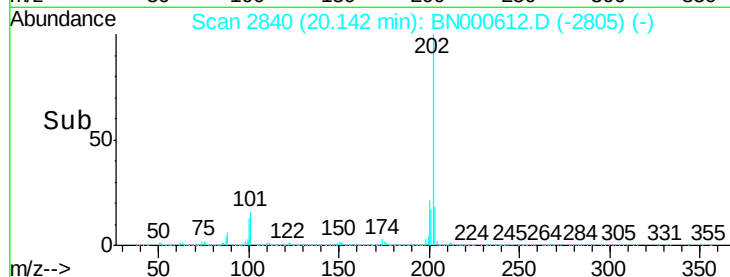
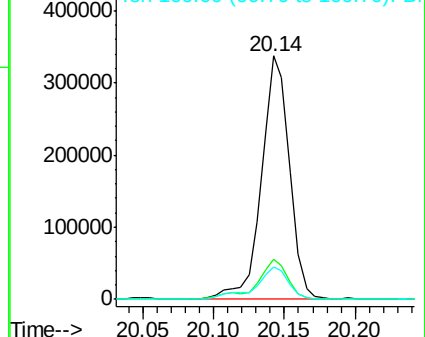
100 13.3 5.6 8.4#



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

Benzo(a)anthracene

Concen: 8.077 ng/ul

RT: 21.87 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BN000612.D

Acq: 24 Mar 2018 10:53

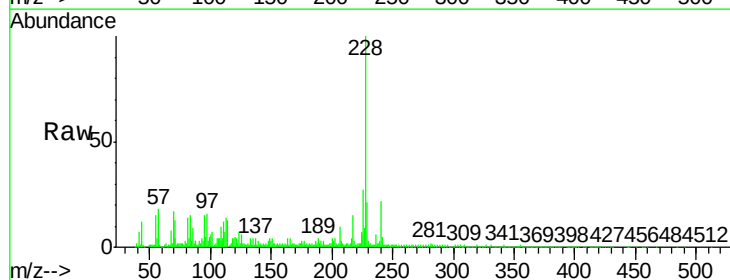
Tgt Ion:228 Resp: 264759

Ion Ratio Lower Upper

228 100

229 21.2 16.0 24.0

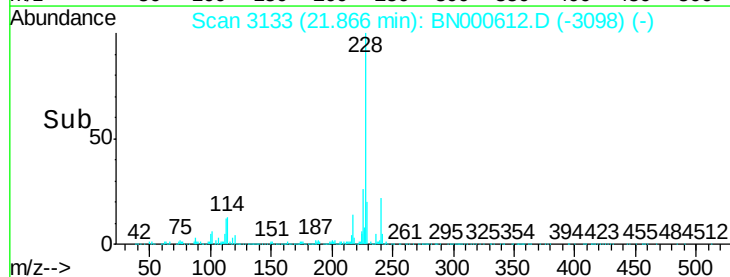
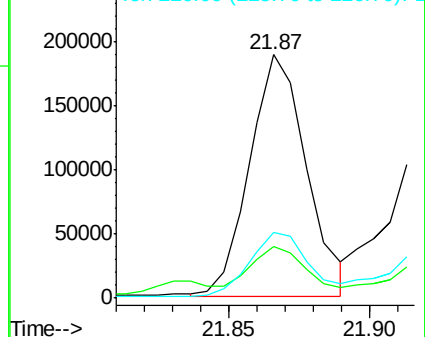
226 26.8 21.8 32.8

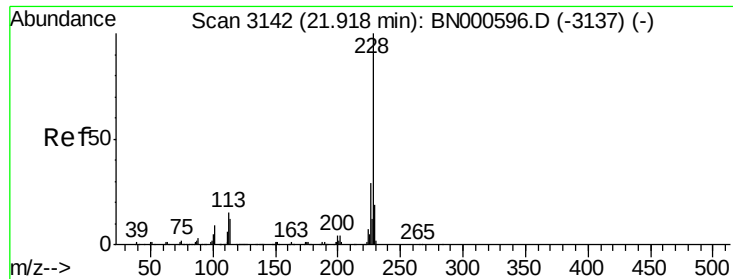


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 8.649 ng/ul

RT: 21.92 min Scan# 3143

Delta R.T. 0.01 min

Lab File: BN000612.D

Acq: 24 Mar 2018 10:53

Instrument :

BNA_N

ClientSampled :

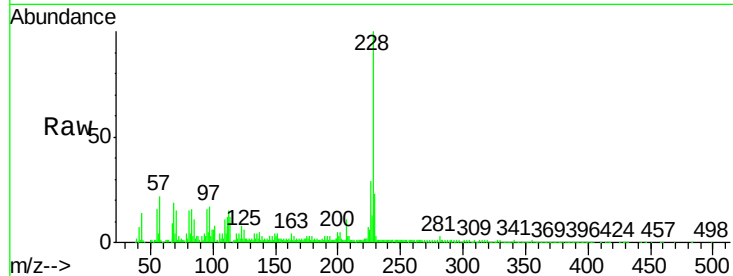
Tot Ion:228 Resp: 265779

Ion Ratio Lower Upper

228 100

226 29.2 24.1 36.1

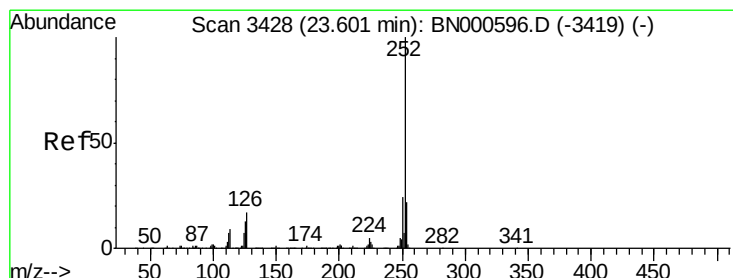
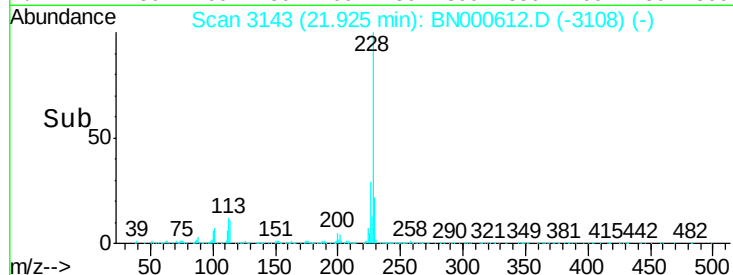
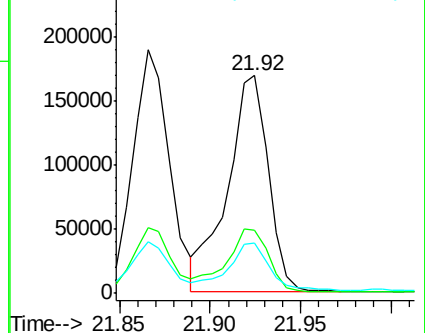
229 22.9 16.0 24.0



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



#85

Benzo(b)fluoranthene

Concen: 12.269 ng/ul

RT: 23.61 min Scan# 3430

Delta R.T. 0.01 min

Lab File: BN000612.D

Acq: 24 Mar 2018 10:53

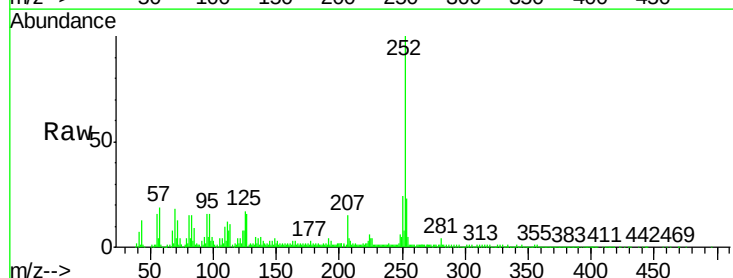
Tgt Ion:252 Resp: 416285

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

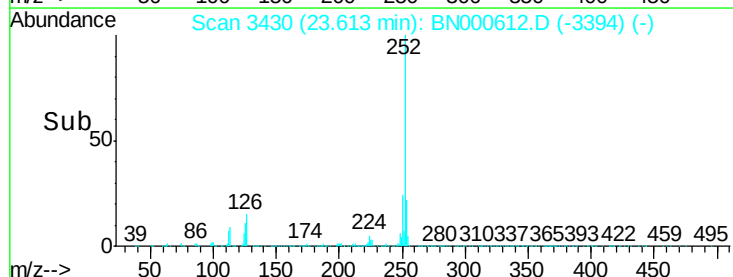
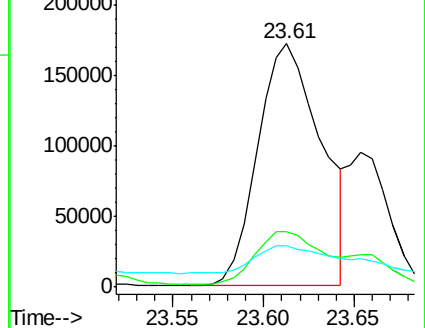
125 16.9 4.9 7.3#

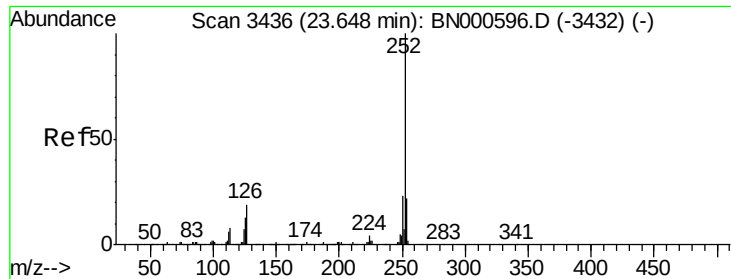


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

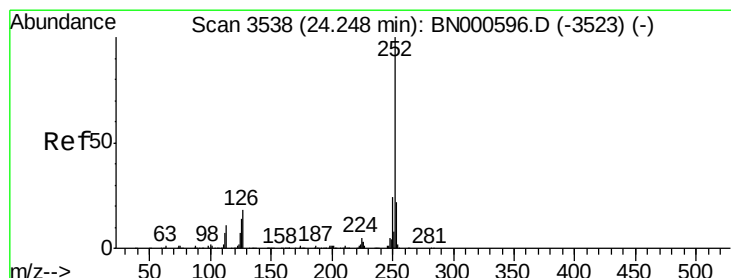
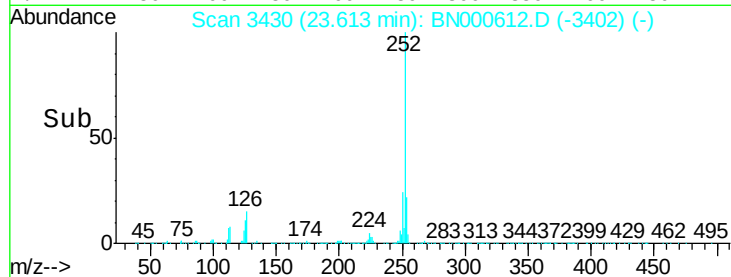
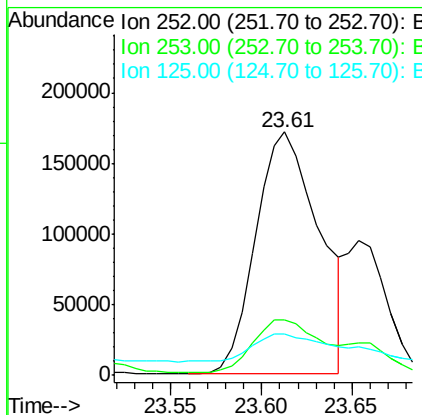
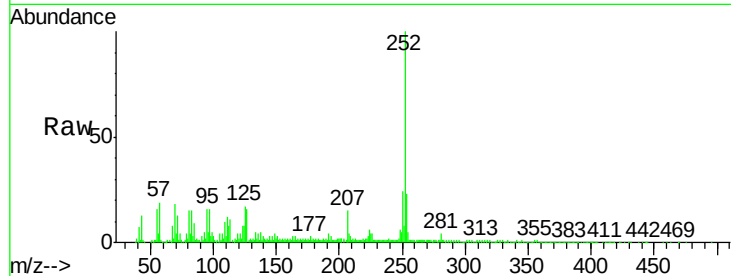




#86
Benzo(k)fluoranthene
Concen: 12.708 ng/ul
RT: 23.61 min Scan# 3430
Delta R.T. -0.04 min
Lab File: BN000612.D
Acq: 24 Mar 2018 10:53

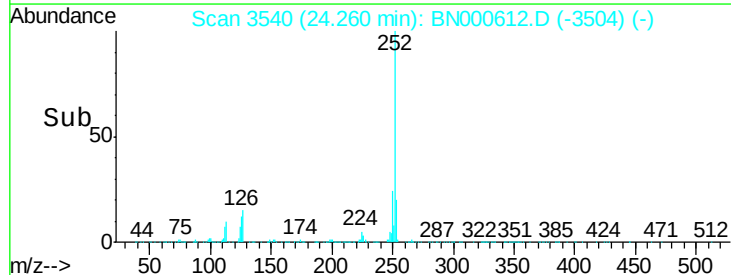
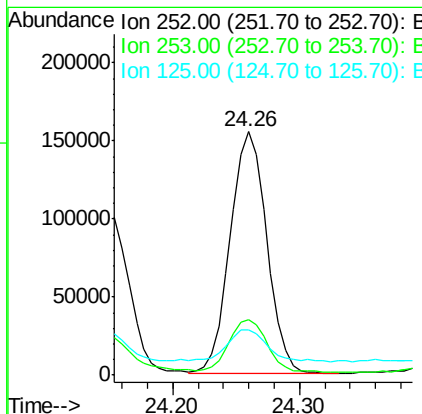
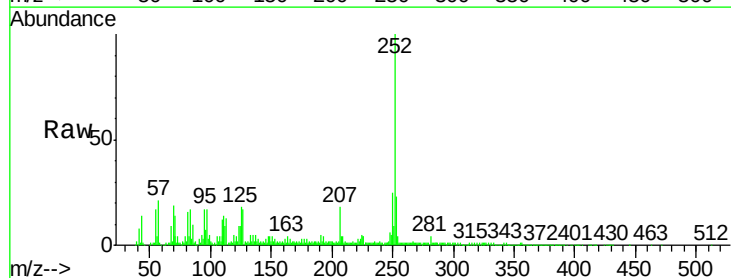
Instrument :
BNA_N
ClientSampled :

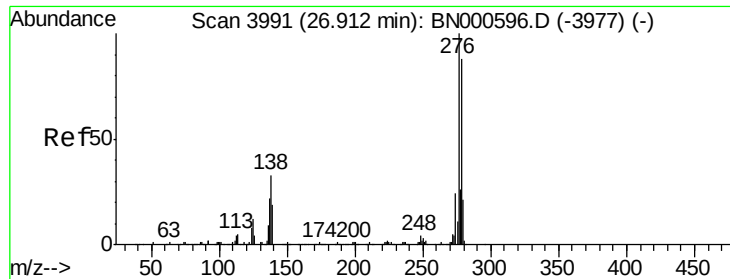
Tot Ion:252 Resp: 416285
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 16.9 5.4 8.0#



#88
Benzo(a)pyrene
Concen: 9.692 ng/ul
RT: 24.26 min Scan# 3540
Delta R.T. 0.01 min
Lab File: BN000612.D
Acq: 24 Mar 2018 10:53

Tgt Ion:252 Resp: 309520
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 18.4 5.8 8.6#





#89

Indeno(1,2,3-cd)pyrene

Concen: 6.762 ng/ul

RT: 26.93 min Scan# 3994

Delta R.T. 0.02 min

Lab File: BN000612.D

Acq: 24 Mar 2018 10:53

Instrument :

BNA_N

ClientSampled :

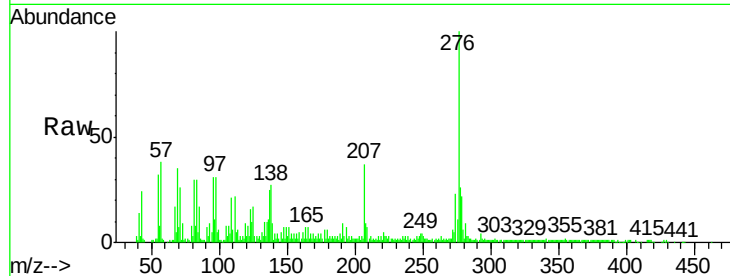
Tot Ion:276 Resp: 232851

Ion Ratio Lower Upper

276 100

138 27.0 10.9 16.3#

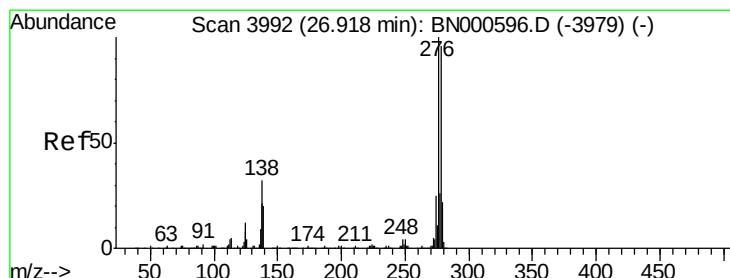
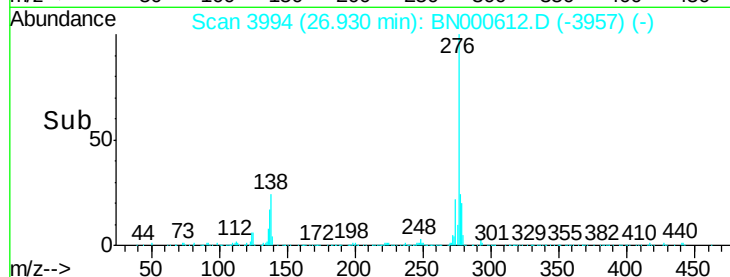
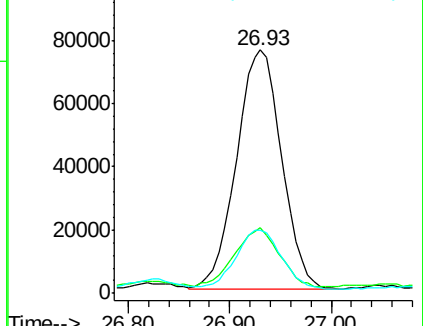
277 26.2 18.9 28.3



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



#90

Dibenzo(a,h)anthracene

Concen: 2.098 ng/ul

RT: 26.92 min Scan# 3993

Delta R.T. 0.01 min

Lab File: BN000612.D

Acq: 24 Mar 2018 10:53

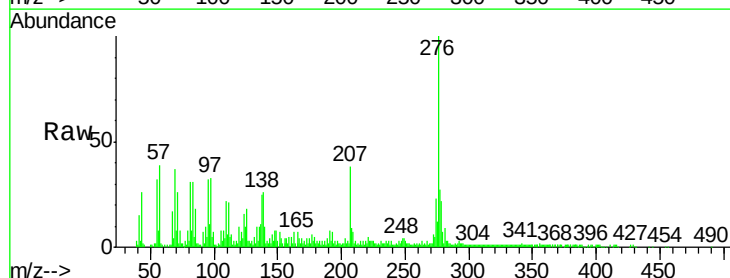
Tgt Ion:278 Resp: 60191

Ion Ratio Lower Upper

278 100

139 43.6 9.0 13.4#

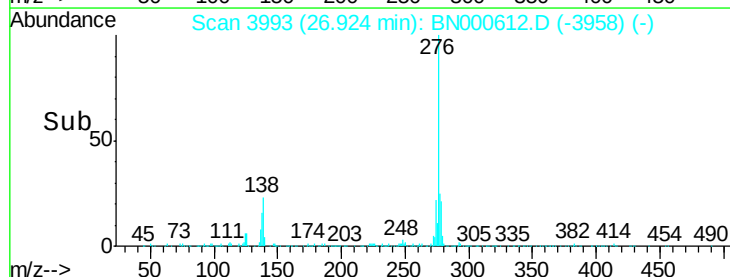
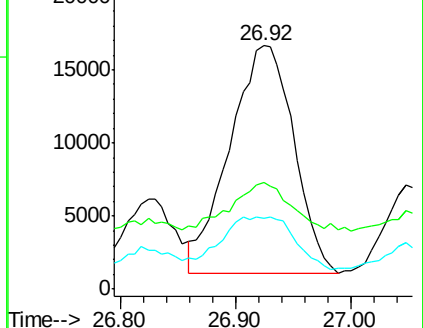
279 29.2 19.1 28.7#

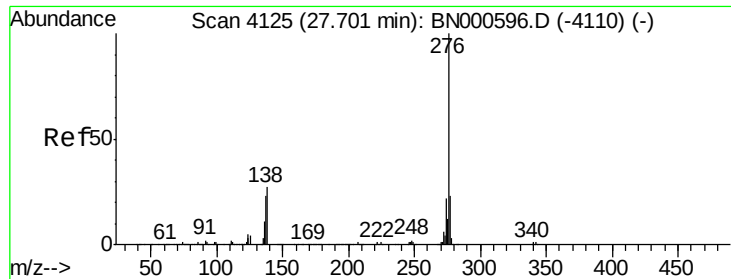


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 7.999 ng/ul

RT: 27.72 min Scan# 4129

Delta R.T. 0.02 min

Lab File: BN000612.D

Acq: 24 Mar 2018 10:53

Instrument :

BNA_N

ClientSampleId :

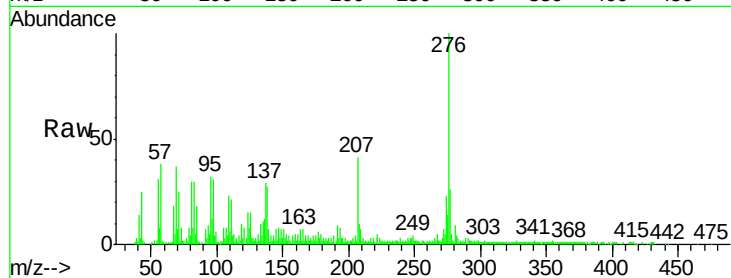
Tot Ion: 276 Resp: 228908

Ion Ratio Lower Upper

276 100

138 27.2 11.2 16.8#

277 25.7 19.0 28.6



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

