

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
 Data File : BN000650.D
 Acq On : 27 Mar 2018 17:02
 Operator : JU/SJ
 Sample : J2060-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 28 01:38:37 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 28 01:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	157260	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	709152	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	403355	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	845386	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	742504	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	588473	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	16688	3.79	ng/uL	0.00
5) Phenol-d5	7.55	99	283349	19.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	196775	23.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	190444	17.17	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	254924	22.31	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	121358	21.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	90156	15.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	172476	16.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.37	131	331319	30.18	ng/ul	-0.01
43) Dimethylphthalate-d6	14.41	166	752559	23.62	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	954041	22.69	ng/ul	0.00
51) 4-Nitrophenol-d4	15.23	143	17216	2.91	ng/ul	0.00
57) Fluorene-d10	16.01	176	639105	23.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	10749	2.22	ng/ul	0.00
70) Anthracene-d10	17.85	188	955428	23.51	ng/ul	0.00
76) Pyrene-d10	20.11	212	996188	24.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	680027	24.48	ng/ul	0.00

Target Compounds

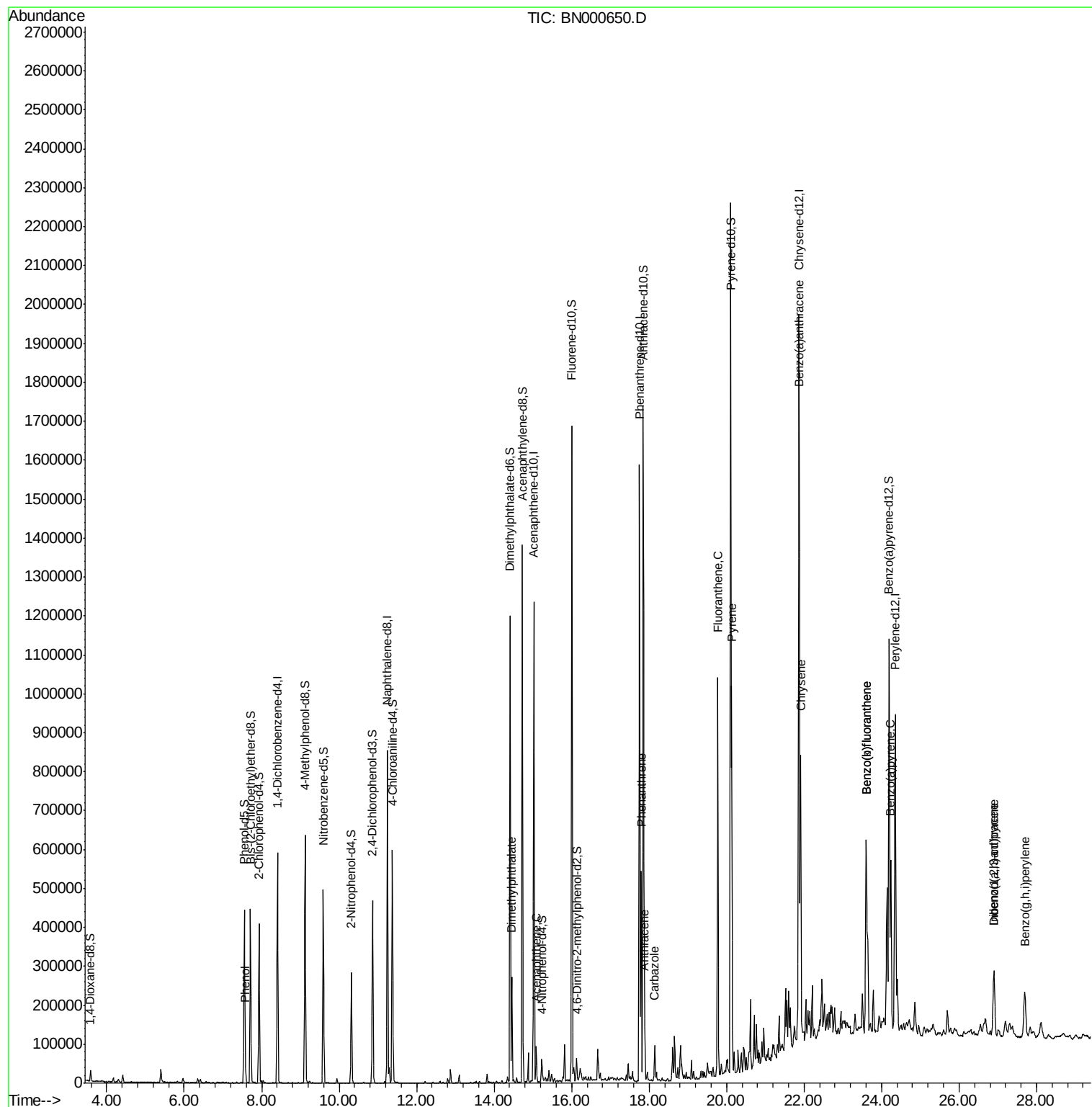
					Ovalue
6) Phenol	7.58	94	18729	1.251	ng/ul 98
44) Dimethylphthalate	14.46	163	153727	4.877	ng/ul 98
49) Acenaphthene	15.09	153	34489	1.228	ng/ul 99
69) Phenanthrene	17.80	178	301211	6.185	ng/ul 100
71) Anthracene	17.88	178	92389	1.850	ng/ul 98
72) Carbazole	18.15	167	54025	1.262	ng/ul 96
74) Fluoranthene	19.78	202	578501	11.954	ng/ul# 83
77) Pyrene	20.14	202	513482	9.468	ng/ul# 79
80) Benzo(a)anthracene	21.86	228	422477	8.540	ng/ul 100
82) Chrysene	21.91	228	381558	8.227	ng/ul 98
85) Benzo(b)fluoranthene	23.60	252	441098	11.863	ng/ul# 93
86) Benzo(k)fluoranthene	23.60	252	441098	12.288	ng/ul# 93
88) Benzo(a)pyrene	24.24	252	289024	8.259	ng/ul# 91
89) Indeno(1,2,3-cd)pyrene	26.90	276	153711	4.073	ng/ul# 86
90) Dibenzo(a,h)anthracene	26.90	278	47390	1.508	ng/ul# 80
91) Benzo(g,h,i)perylene	27.69	276	142712	4.551	ng/ul# 89

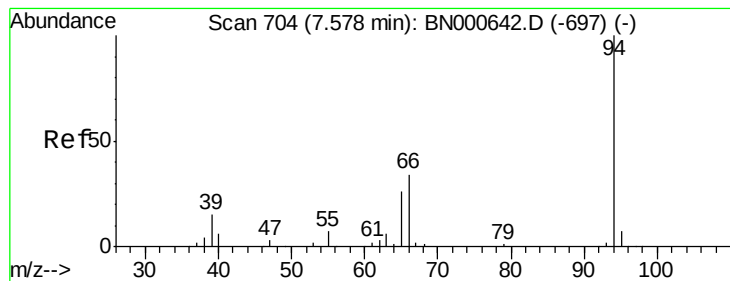
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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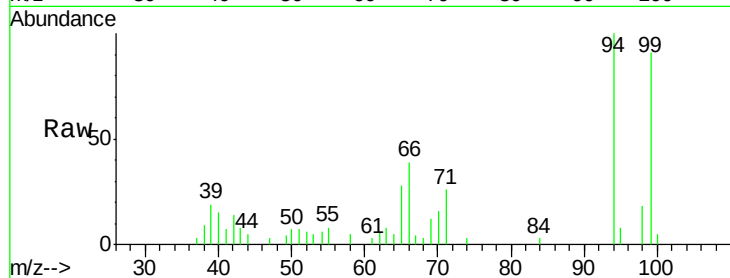
#6

Phenol

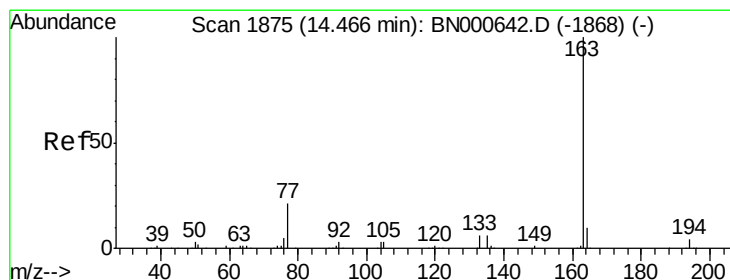
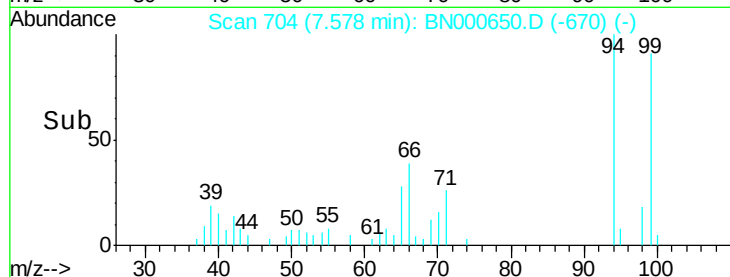
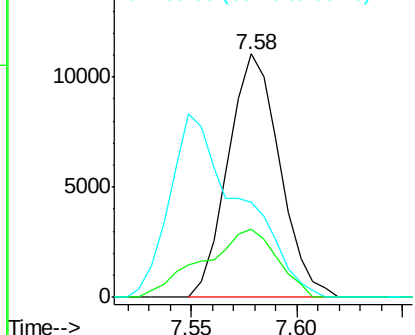
Concen: 1.251 ng/ul
 RT: 7.58 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BN000650.D
 Acq: 27 Mar 2018 17:02

Instrument :
 BNA_N
 ClientSampled :

Tot Ion: 94 Resp: 18729
 Ion Ratio Lower Upper
 94 100
 65 27.9 23.0 34.6
 66 39.2 30.4 45.6



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

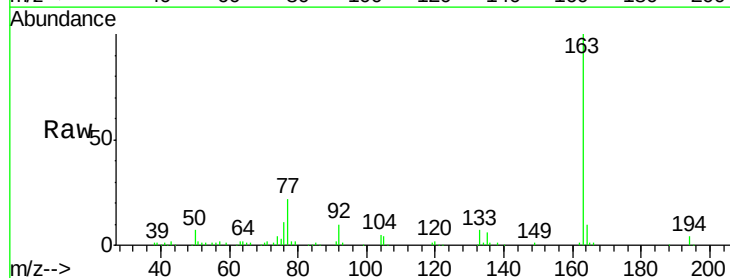


#44

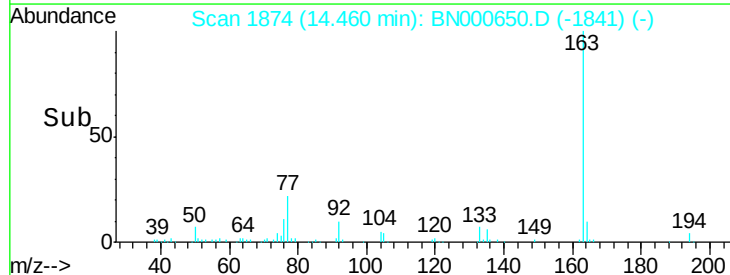
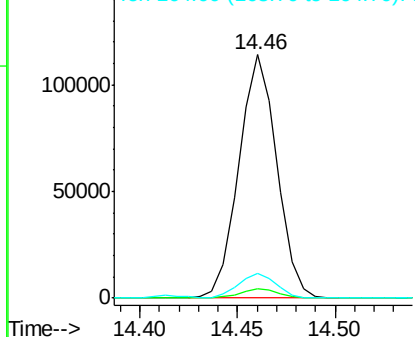
Dimethylphthalate

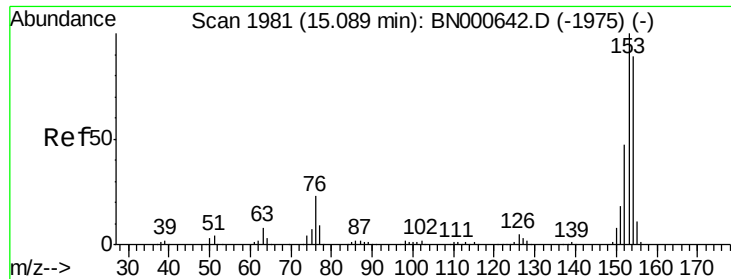
Concen: 4.877 ng/ul
 RT: 14.46 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BN000650.D
 Acq: 27 Mar 2018 17:02

Tgt Ion:163 Resp: 153727
 Ion Ratio Lower Upper
 163 100
 194 4.0 4.0 6.0
 164 10.0 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: 1.228 ng/ul

RT: 15.09 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

Instrument :

BNA_N

ClientSampleId :

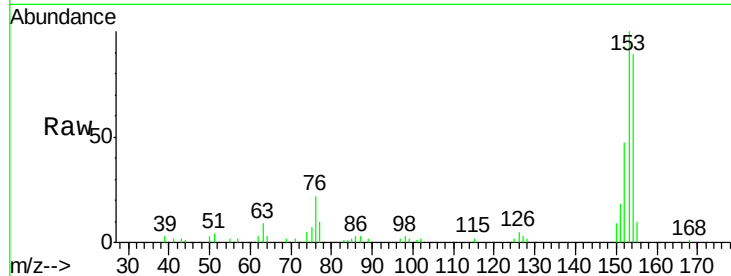
Tot Ion:153 Resp: 34489

Ion Ratio Lower Upper

153 100

152 47.4 37.9 56.9

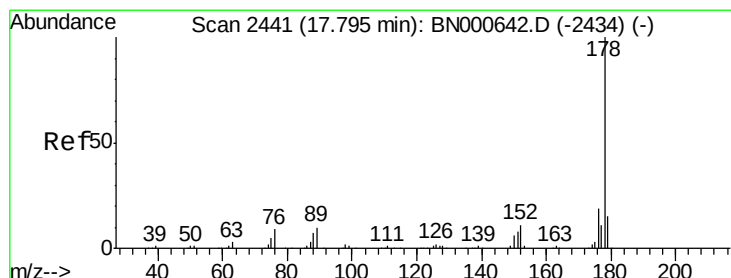
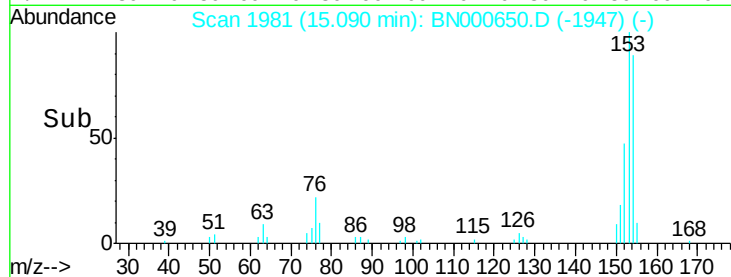
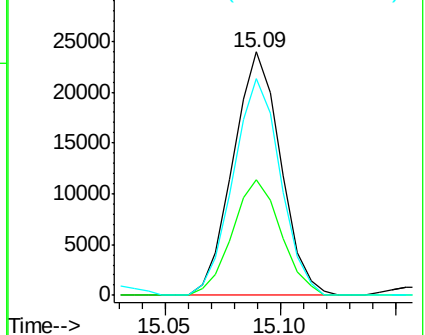
154 88.9 69.8 104.6



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: 6.185 ng/ul

RT: 17.80 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

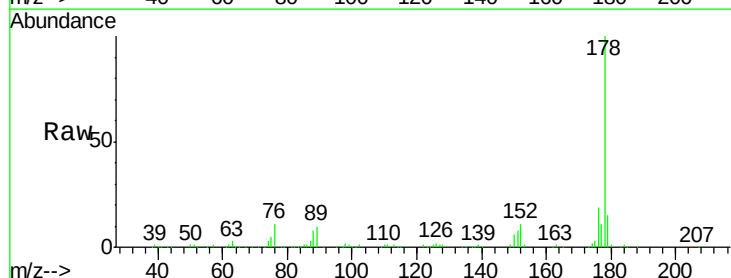
Tgt Ion:178 Resp: 301211

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

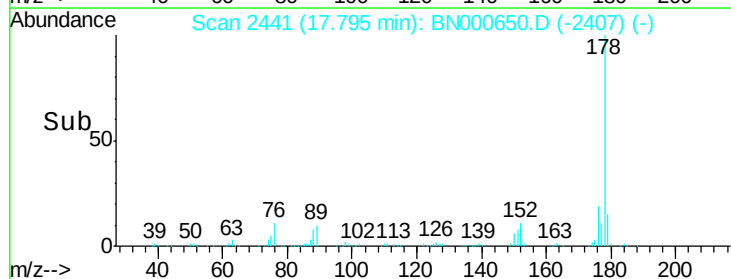
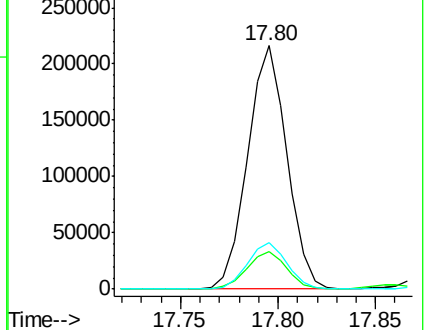
176 18.9 15.4 23.0

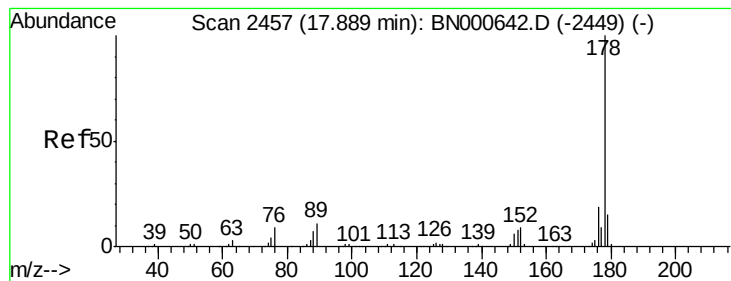


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.850 ng/ul

RT: 17.88 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

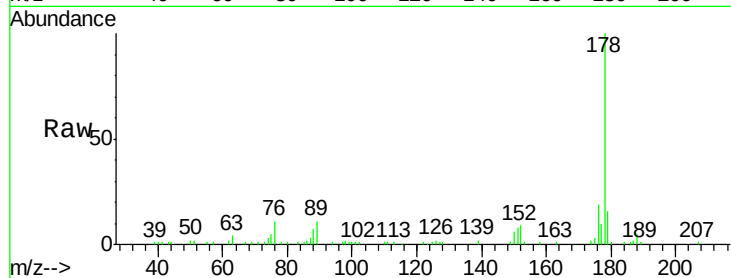
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 92389

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	18.7	15.4	23.0

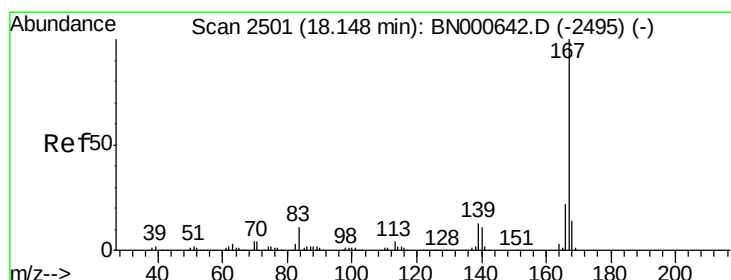
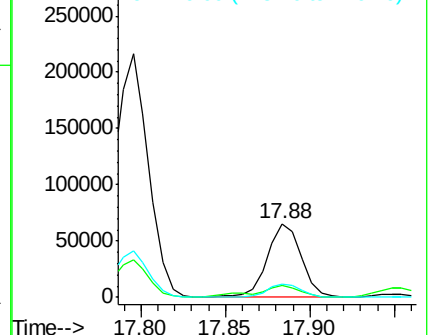
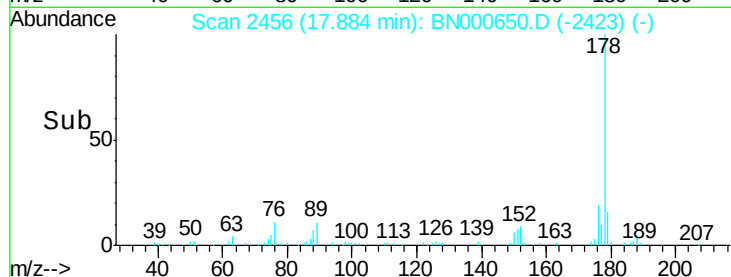


Abundance

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: 1.262 ng/ul

RT: 18.15 min Scan# 2501

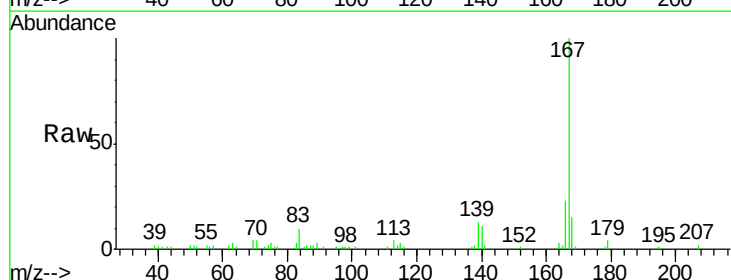
Delta R.T. 0.00 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

Tgt Ion:167 Resp: 54025

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.0	25.4
139	13.5	9.1	13.7

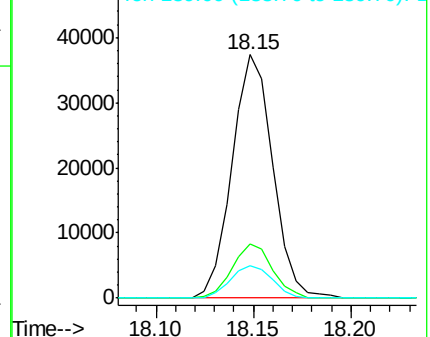
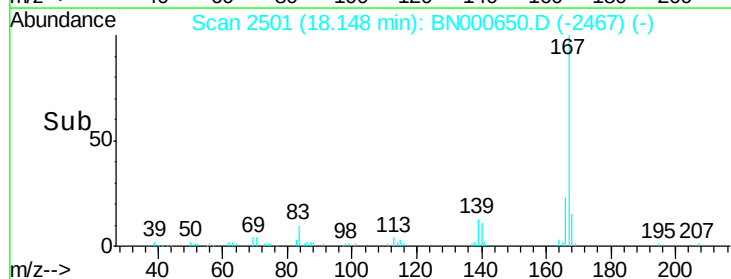


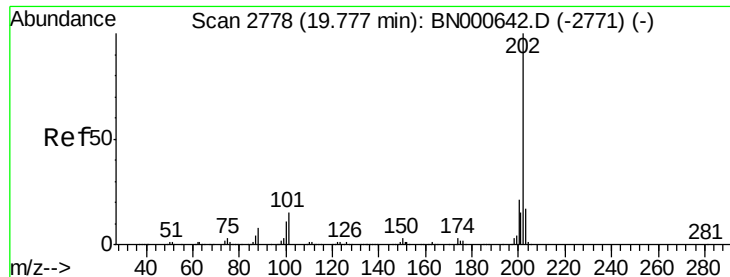
Abundance

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: 11.954 ng/ul

RT: 19.78 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

Instrument :

BNA_N

ClientSampled :

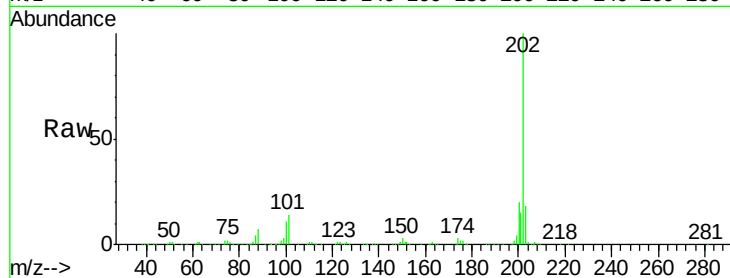
Tot Ion:202 Resp: 578501

Ion Ratio Lower Upper

202 100

101 14.0 6.1 9.1#

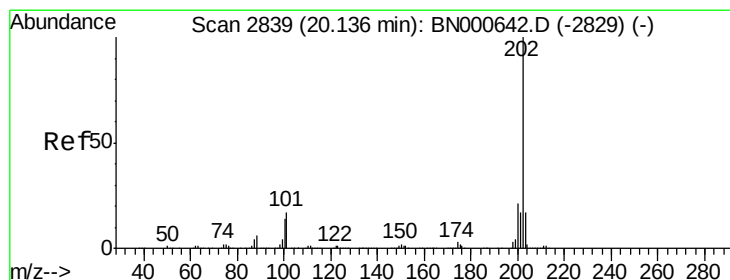
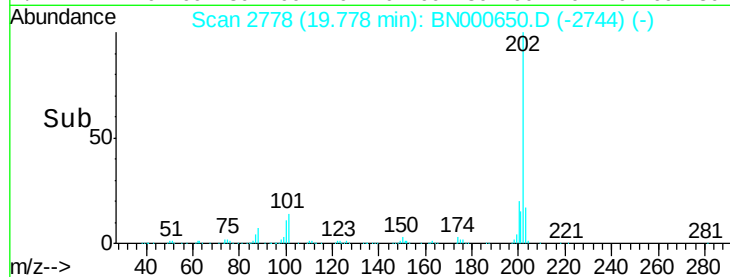
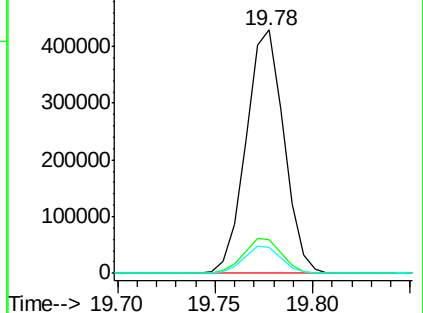
100 10.6 4.6 7.0#



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

Pyrene

Concen: 9.468 ng/ul

RT: 20.14 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

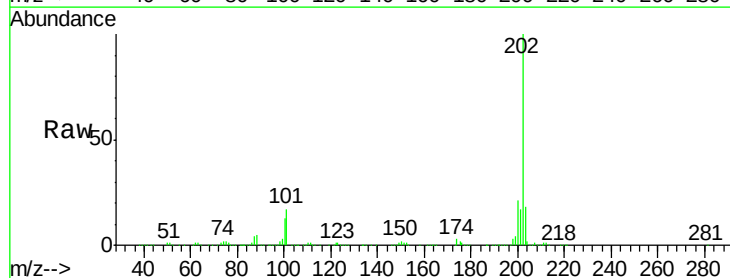
Tgt Ion:202 Resp: 513482

Ion Ratio Lower Upper

202 100

101 16.7 6.9 10.3#

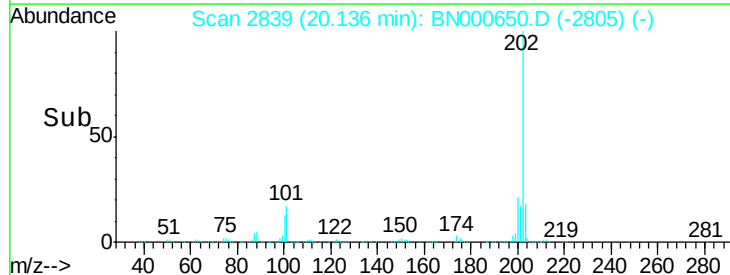
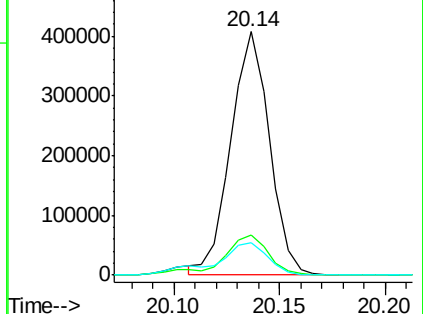
100 13.5 5.6 8.4#

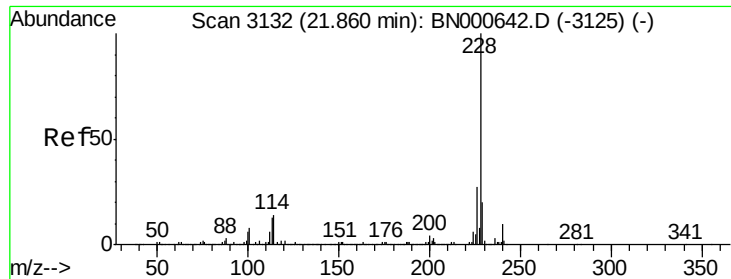


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 8.540 ng/ul

RT: 21.86 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

Instrument :

BNA_N

ClientSampleId :

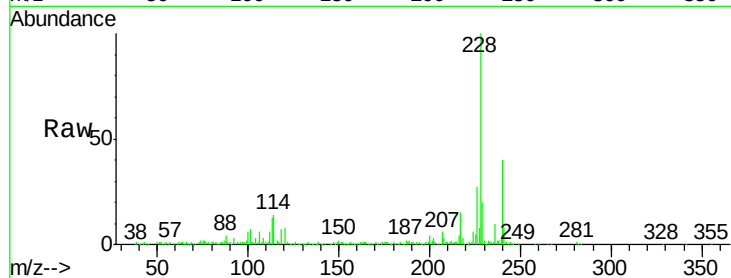
Tot Ion:228 Resp: 422477

Ion Ratio Lower Upper

228 100

229 20.1 16.0 24.0

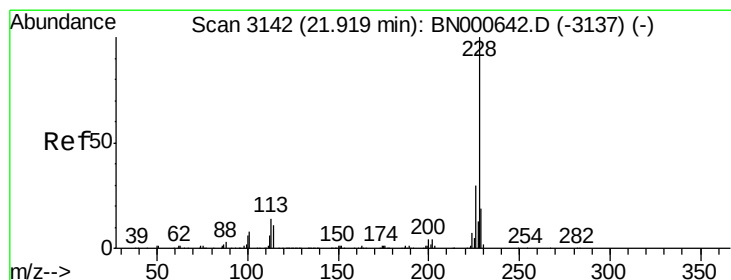
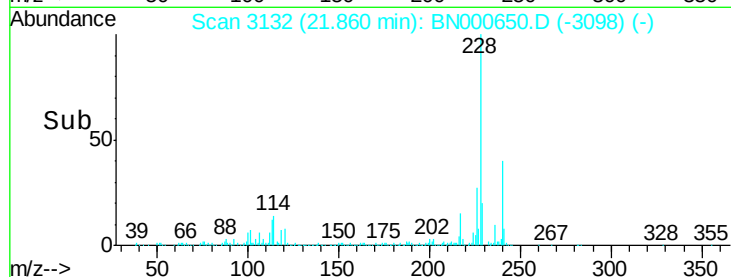
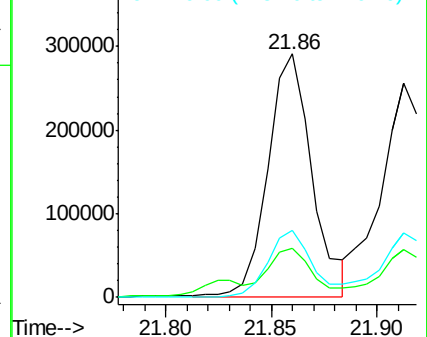
226 27.4 21.8 32.8



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: 8.227 ng/ul

RT: 21.91 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

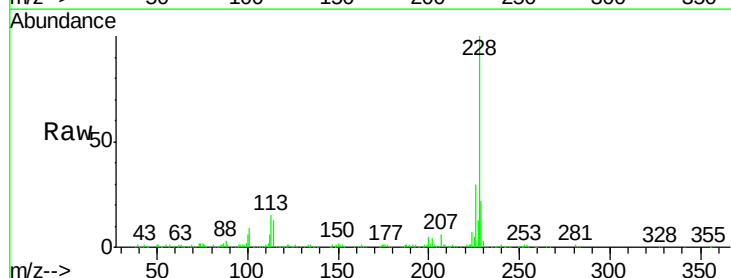
Tgt Ion:228 Resp: 381558

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

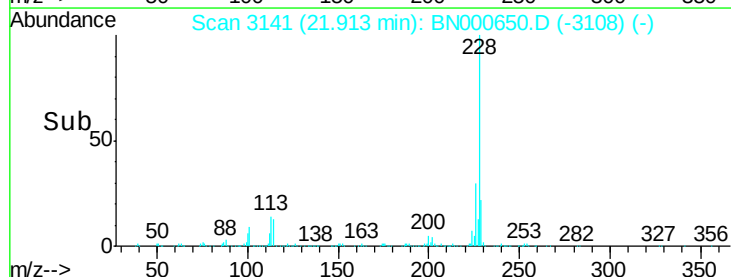
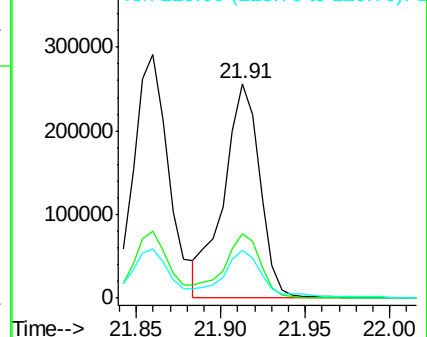
229 22.0 16.0 24.0

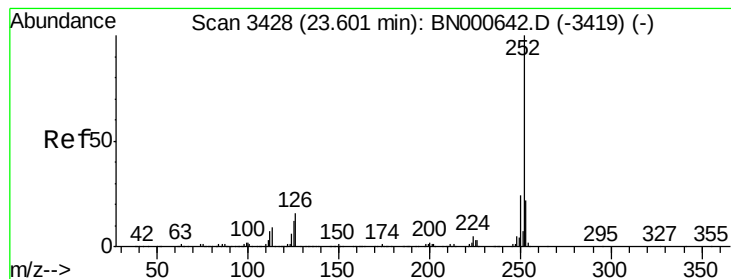


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 11.863 ng/ul

RT: 23.60 min Scan# 3428

Delta R.T. 0.00 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

Instrument :

BNA_N

ClientSampled :

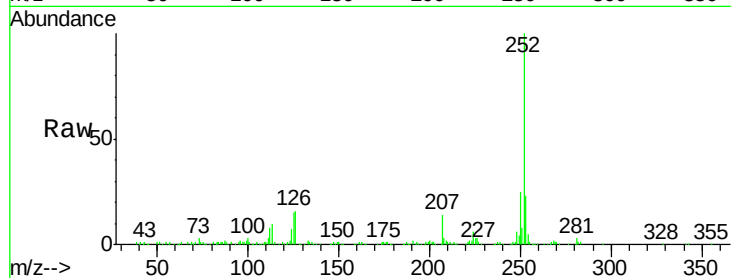
Tot Ion:252 Resp: 441098

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

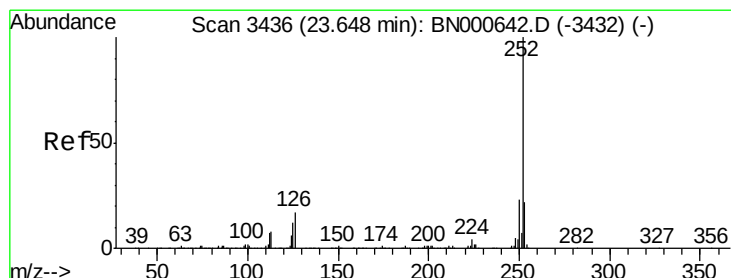
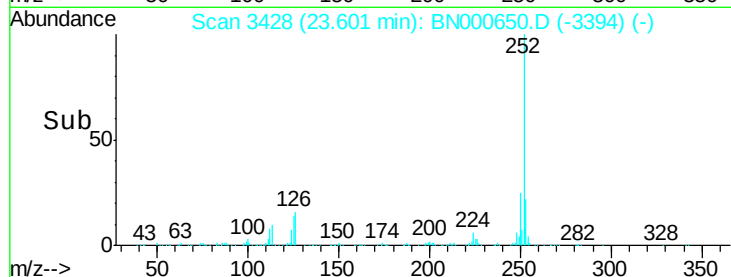
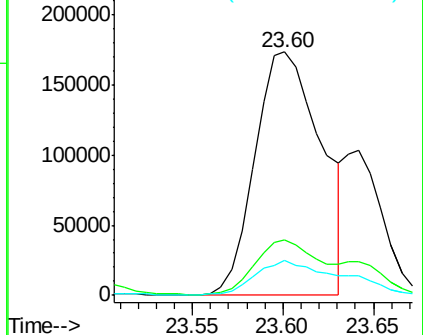
125 14.6 4.9 7.3#



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: 12.288 ng/ul

RT: 23.60 min Scan# 3428

Delta R.T. -0.05 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

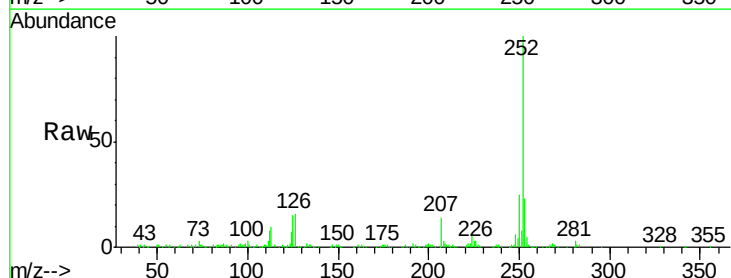
Tgt Ion:252 Resp: 441098

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

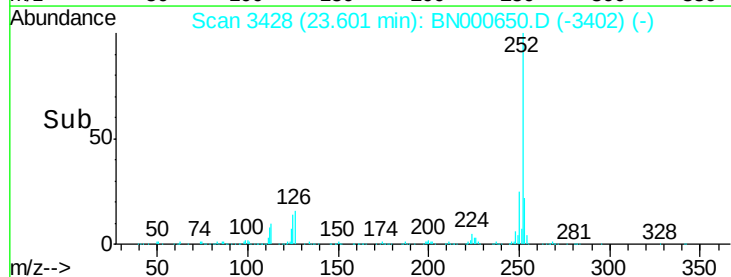
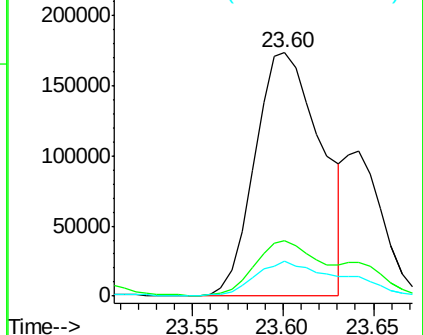
125 14.6 5.4 8.0#

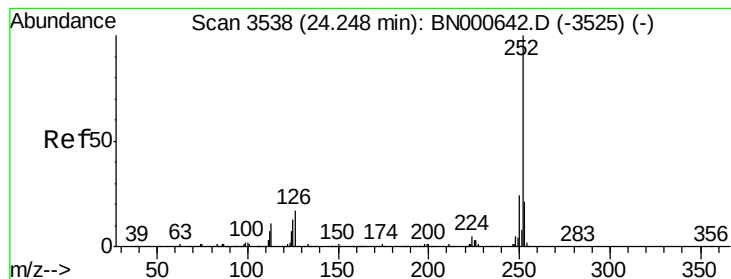


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 8.259 ng/ul

RT: 24.24 min Scan# 3537

Delta R.T. -0.01 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

Instrument :

BNA_N

ClientSampleId :

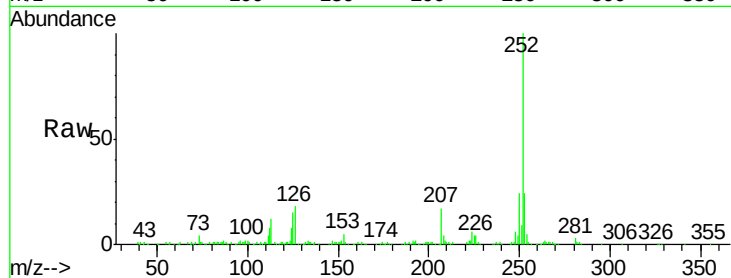
Tot Ion:252 Resp: 289024

Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

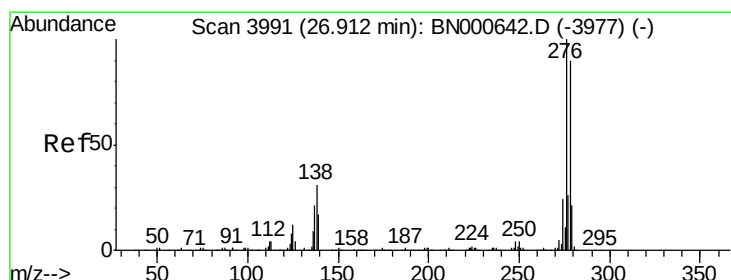
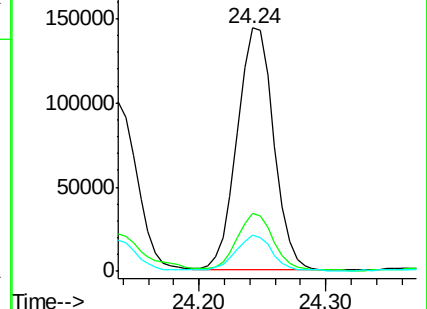
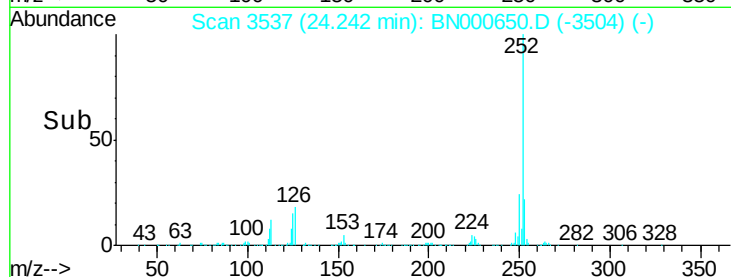
125 15.1 5.8 8.6#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 4.073 ng/ul

RT: 26.90 min Scan# 3989

Delta R.T. -0.01 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

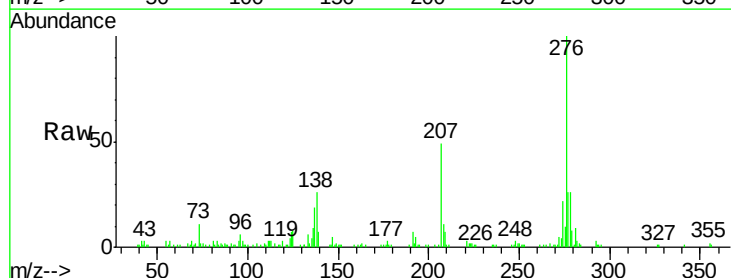
Tgt Ion:276 Resp: 153711

Ion Ratio Lower Upper

276 100

138 25.9 10.9 16.3#

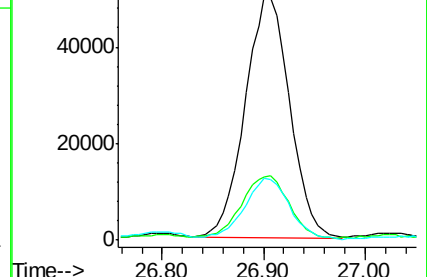
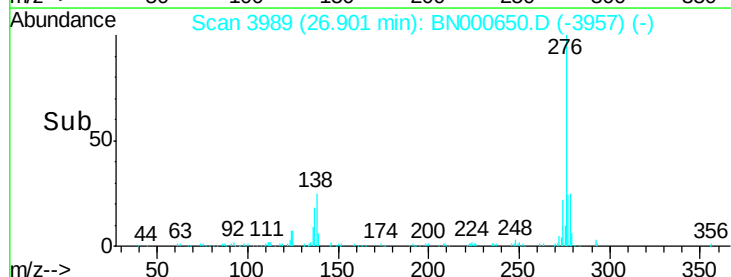
277 25.5 18.9 28.3

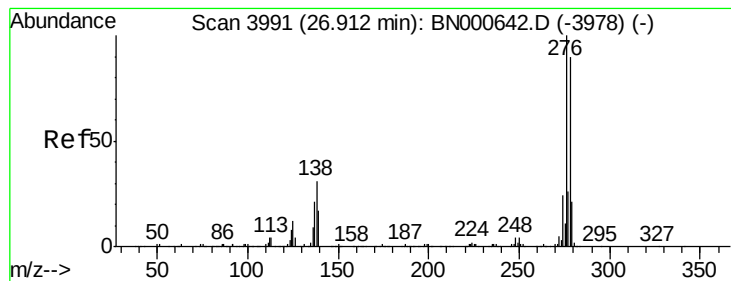


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.508 ng/ul

RT: 26.90 min Scan# 3989

Delta R.T. -0.01 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

Instrument :

BNA_N

ClientSampleId :

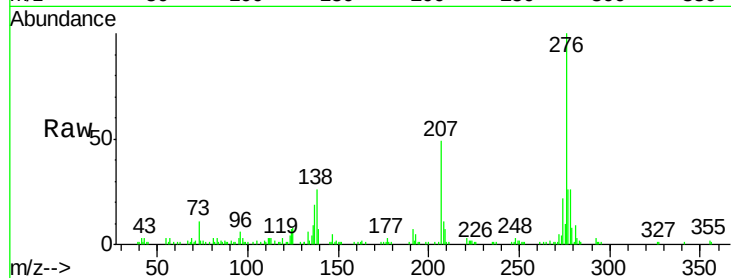
Tot Ion:278 Resp: 47390

Ion Ratio Lower Upper

278 100

139 25.9 9.0 13.4#

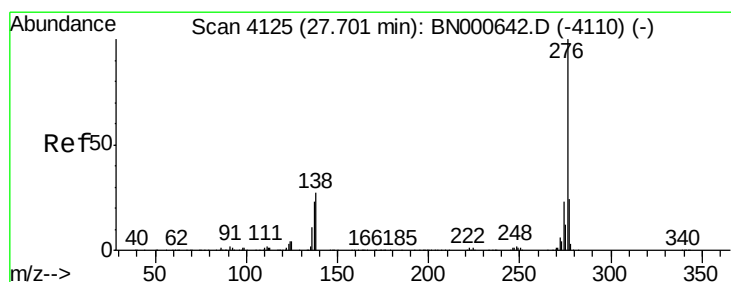
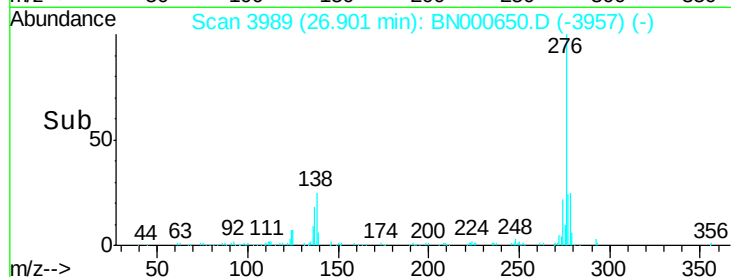
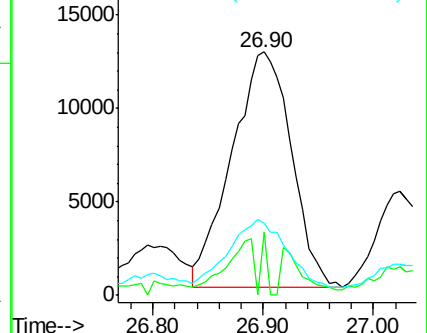
279 29.6 19.1 28.7#



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(g,h,i)perylene

Concen: 4.551 ng/ul

RT: 27.69 min Scan# 4124

Delta R.T. -0.01 min

Lab File: BN000650.D

Acq: 27 Mar 2018 17:02

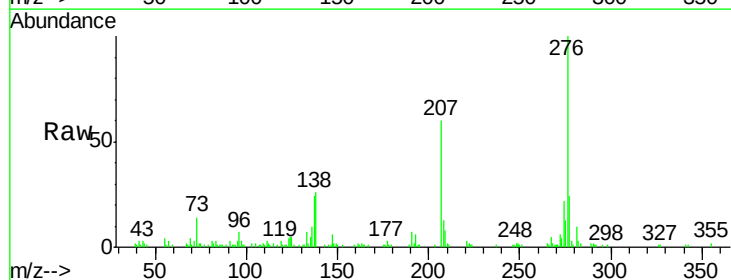
Tgt Ion:276 Resp: 142712

Ion Ratio Lower Upper

276 100

138 25.8 11.2 16.8#

277 24.0 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

