

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
 Data File : BN004317.D
 Acq On : 03 Jan 2019 14:33
 Operator : JU/SJ
 Sample : J6441-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF023

Quant Time: Jan 04 06:31:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 04 06:27:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	46523	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	201601	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	105542	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	202076	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	176307	20.00	ng/ul	0.00
85) Perylene-d12	23.71	264	193824	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	3544	4.99	ng/uL	0.00
5) Phenol-d5	6.98	99	93859	20.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	60332	24.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	75983	21.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	81218	21.19	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	42689	26.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	37855	20.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	66092	19.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	94794	30.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	242312	25.72	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	292286	26.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	6263	3.22	ng/ul	0.01
57) Fluorene-d10	15.45	176	198010	24.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	4137	2.84	ng/ul	0.00
70) Anthracene-d10	17.30	188	265212	25.97	ng/ul	0.00
78) Pyrene-d10	19.60	212	240000	30.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	265185	25.22	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.95	77	1687	2.158	ng/ul#	1
6) Phenol	7.00	94	14804	3.207	ng/ul	96
44) Dimethylphthalate	13.90	163	32343	3.517	ng/ul	100
49) Acenaphthene	14.52	153	16549	2.182	ng/ul	99
58) Fluorene	15.50	166	19501	2.176	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.49	198	1659	1.109	ng/ul#	59
69) Phenanthrene	17.24	178	290625	24.891	ng/ul	99
71) Anthracene	17.33	178	74092	6.191	ng/ul	99
74) Carbazole	17.61	167	16105	1.464	ng/ul	97
75) Di-n-butylphthalate	18.15	149	54736	4.223	ng/ul	100
76) Fluoranthene	19.26	202	467175	32.644	ng/ul	100
79) Pyrene	19.63	202	475595	48.285	ng/ul	100
80) Butylbenzylphthalate	20.51	149	6249	1.420	ng/ul#	89
82) Benzo(a)anthracene	21.37	228	244528	22.242	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.27	149	47493	7.064	ng/ul	99
84) Chrysene	21.43	228	237619	23.075	ng/ul	98
87) Benzo(b)fluoranthene	23.01	252	324232	27.926	ng/ul#	96
88) Benzo(k)fluoranthene	23.01	252	324232	29.823	ng/ul#	95
90) Benzo(a)pyrene	23.61	252	245454	21.952	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.06	276	176939	12.140	ng/ul	96
92) Dibenzo(a,h)anthracene	26.07	278	48550	4.007	ng/ul#	81
93) Benzo(g,h,i)perylene	26.80	276	162284	13.302	ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
Data File : BN004317.D
Acq On : 03 Jan 2019 14:33
Operator : JU/SJ
Sample : J6441-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF023

Quant Time: Jan 04 06:31:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 04 06:27:48 2019
Response via : Initial Calibration

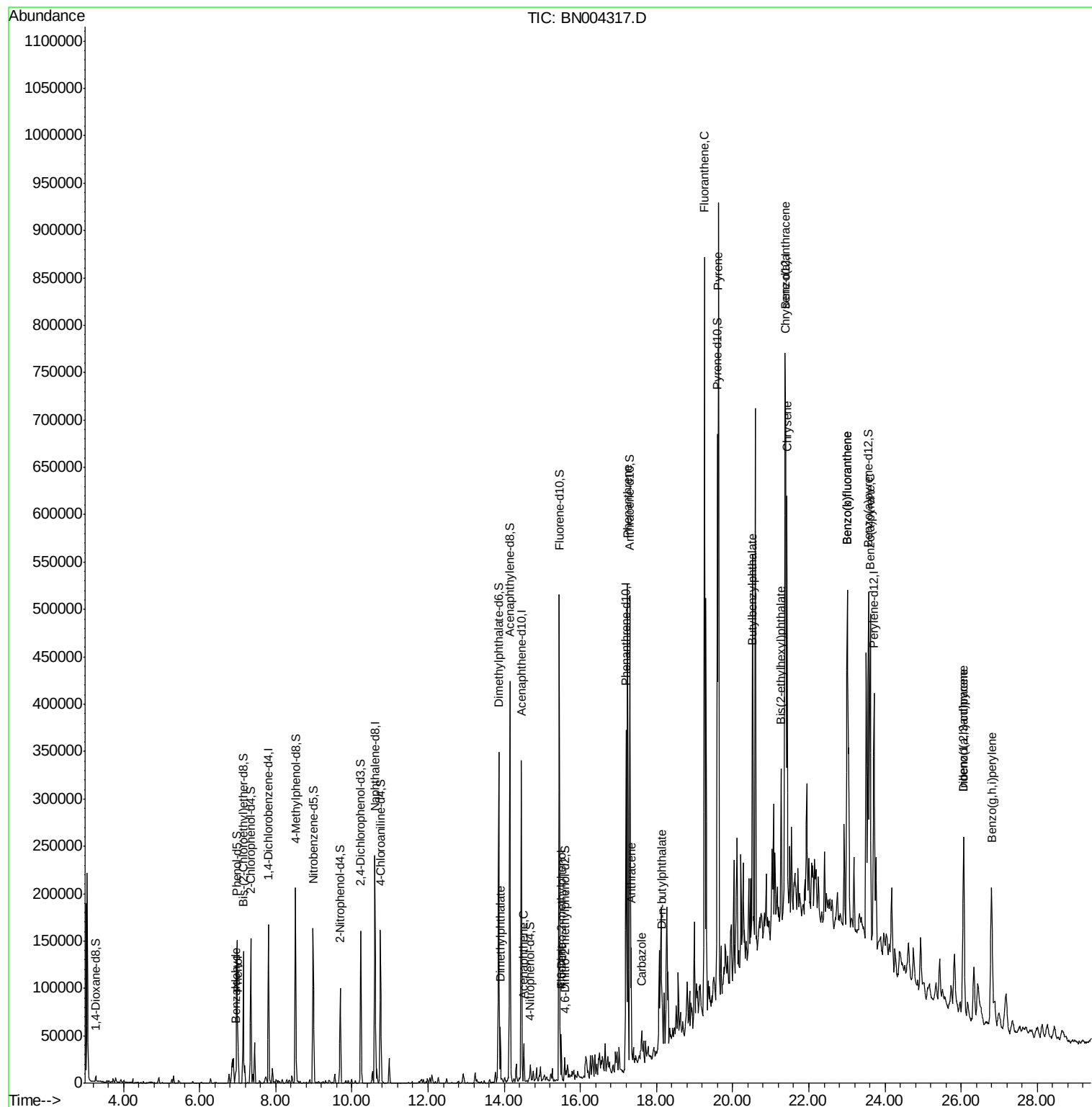
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

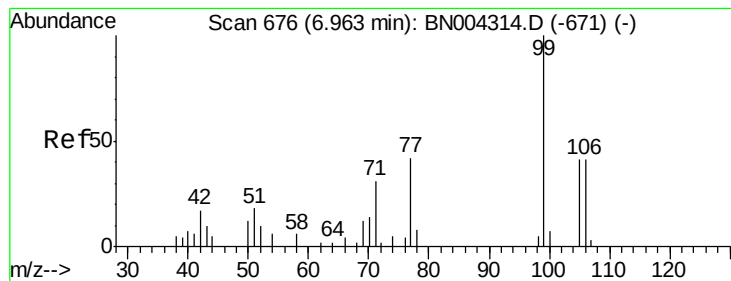
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
Data File : BN004317.D
Acq On : 03 Jan 2019 14:33
Operator : JU/SJ
Sample : J6441-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF023

Quant Time: Jan 04 06:31:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 04 06:27:48 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.158 ng/ul

RT: 6.95 min Scan# 673

Delta R.T. -0.02 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Instrument :

BNA_N

ClientSampled :

BF023

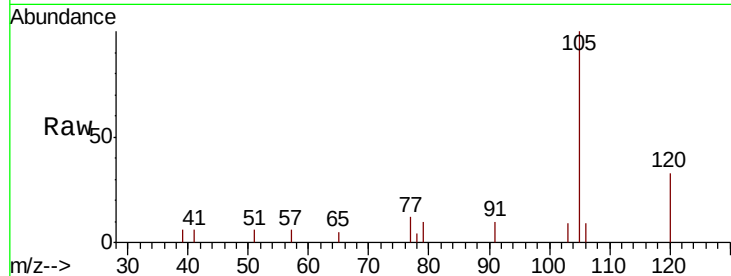
Tgt Ion: 77 Resp: 1687

Ion Ratio Lower Upper

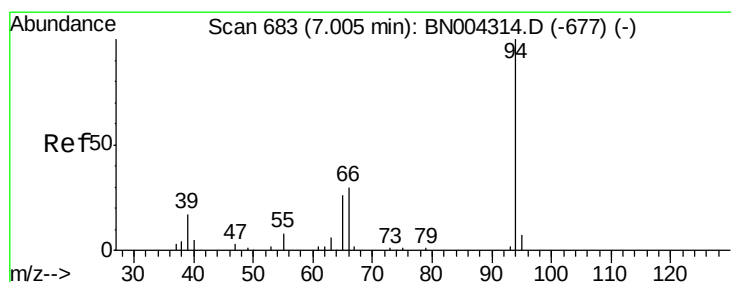
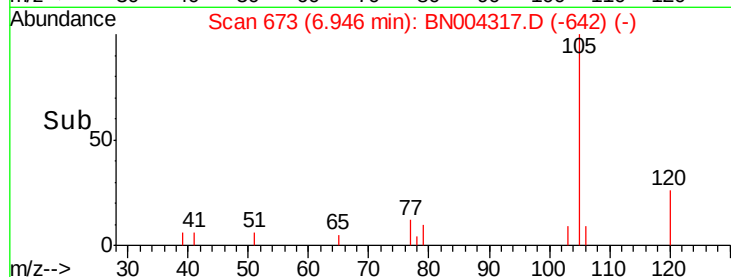
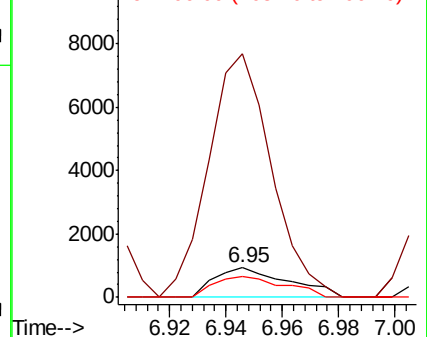
77 100

105 833.5 80.2 120.4#

106 73.1 78.8 118.2#



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC



#6

Phenol

Concen: 3.207 ng/ul

RT: 7.00 min Scan# 683

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

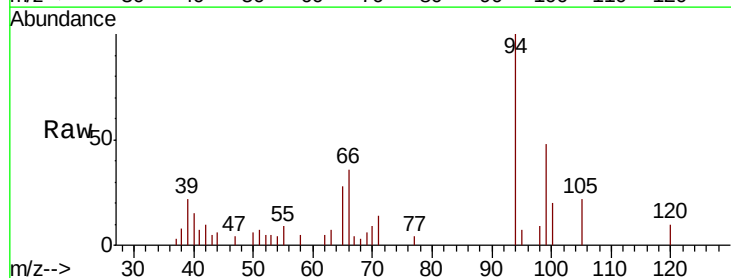
Tgt Ion: 94 Resp: 14804

Ion Ratio Lower Upper

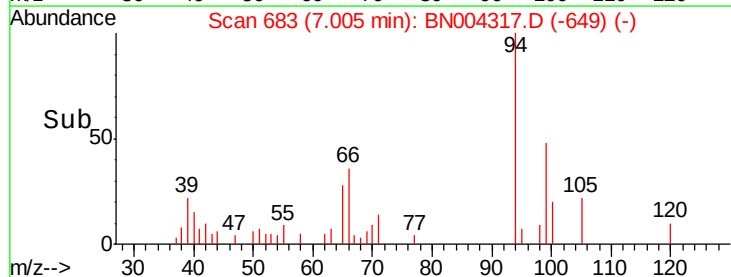
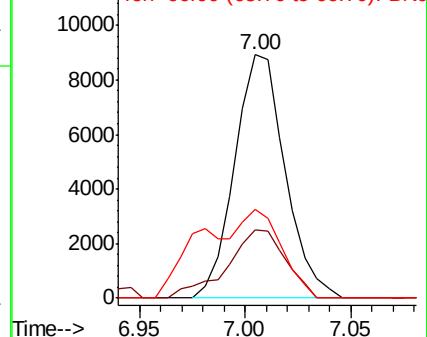
94 100

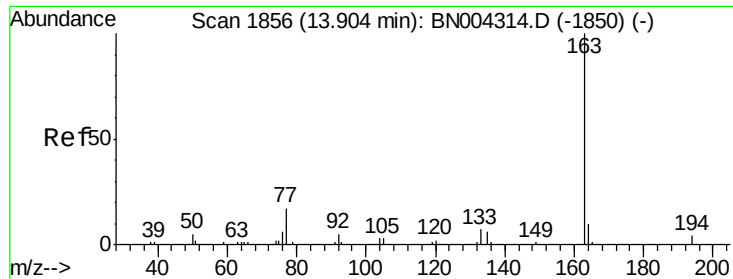
65 28.2 21.2 31.8

66 36.5 26.9 40.3



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





#44

Dimethylphthalate

Concen: 3.517 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Instrument :

BNA_N

ClientSampleId :

BF023

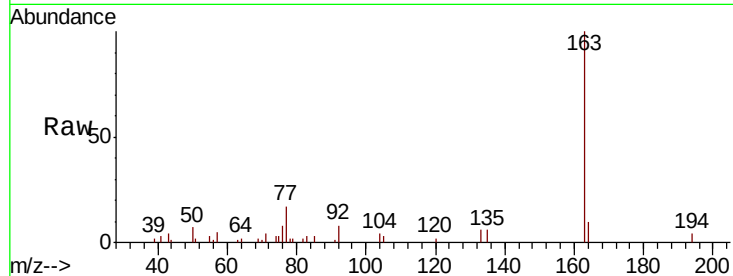
Tgt Ion:163 Resp: 32343

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

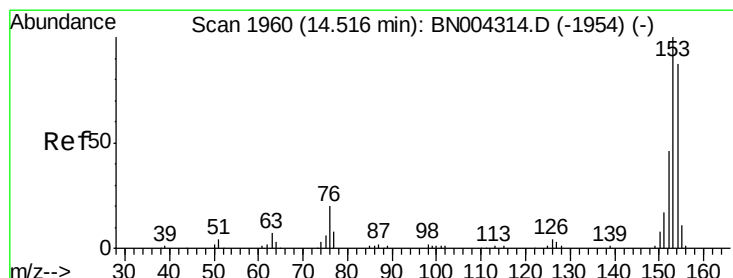
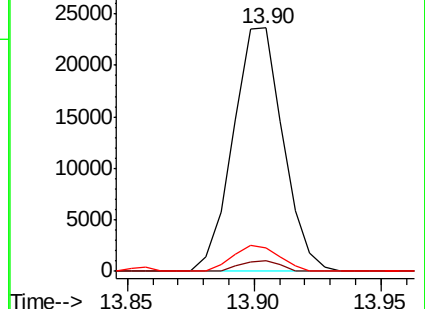
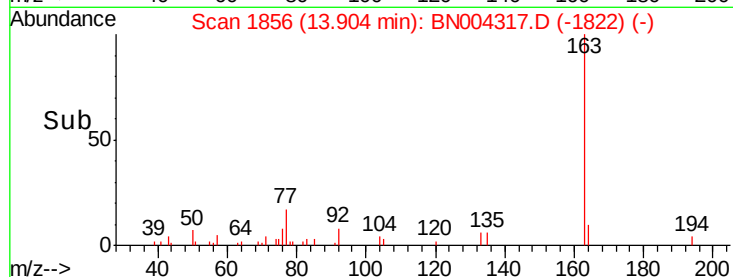
164 9.7 7.9 11.9



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: 2.182 ng/ul

RT: 14.52 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

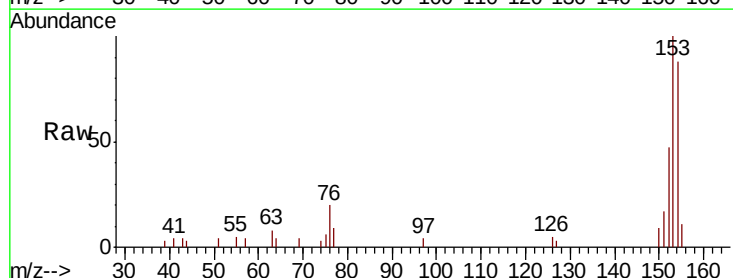
Tgt Ion:153 Resp: 16549

Ion Ratio Lower Upper

153 100

152 47.2 37.8 56.6

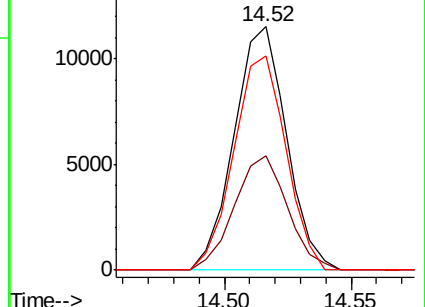
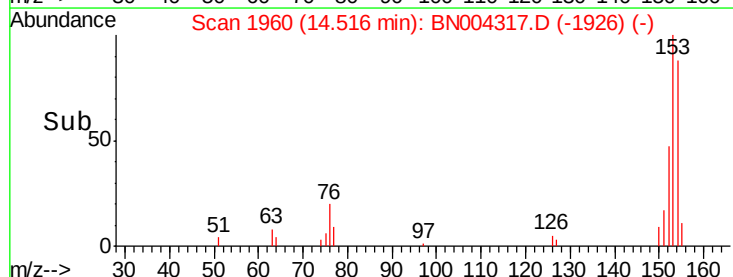
154 87.8 71.0 106.6

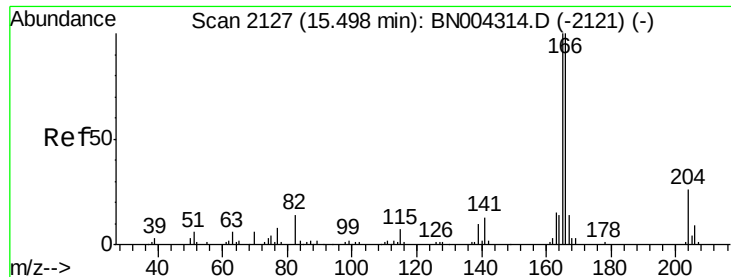


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#58

Fluorene

Concen: 2.176 ng/ul

RT: 15.50 min Scan# 2127

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Instrument :

BNA_N

ClientSampleId :

BF023

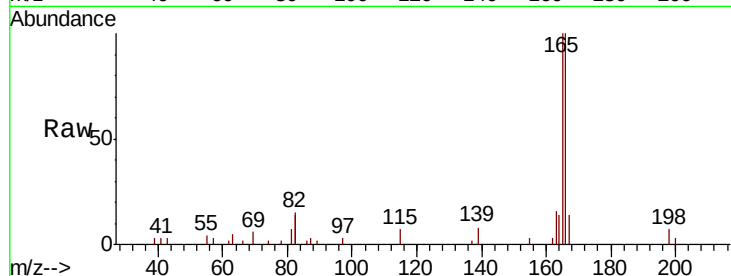
Tgt Ion:166 Resp: 19501

Ion Ratio Lower Upper

166 100

165 99.8 78.6 117.8

167 13.8 10.3 15.5

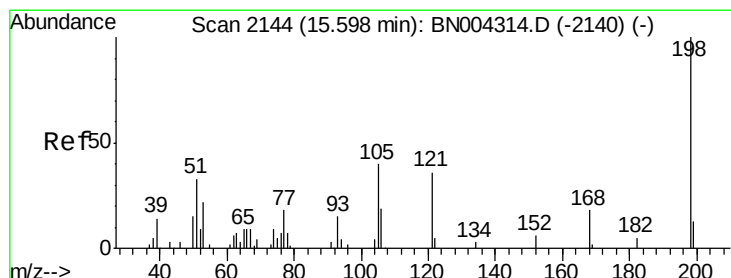
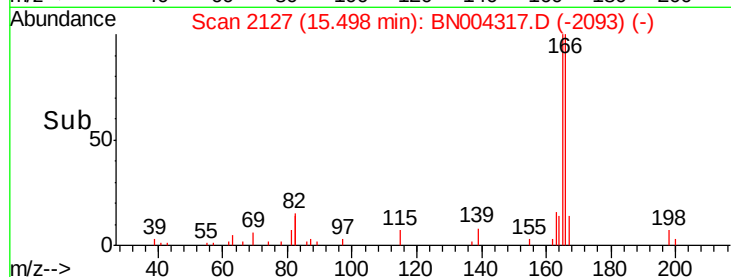
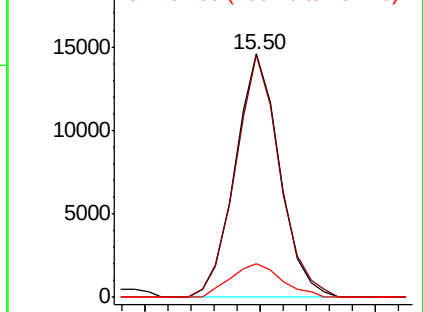


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

4,6-Dinitro-2-methylphenol

Concen: 1.109 ng/ul

RT: 15.49 min Scan# 2126

Delta R.T. -0.11 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

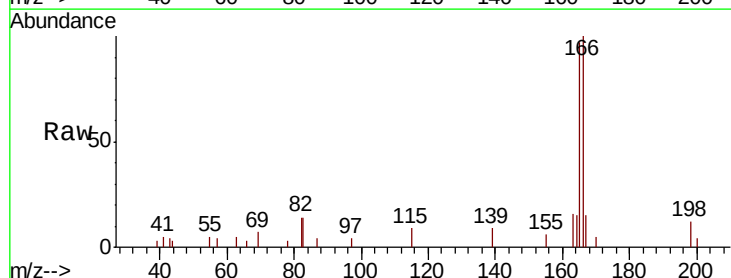
Tgt Ion:198 Resp: 1659

Ion Ratio Lower Upper

198 100

182 0.0 3.0 4.4#

77 0.0 17.4 26.2#

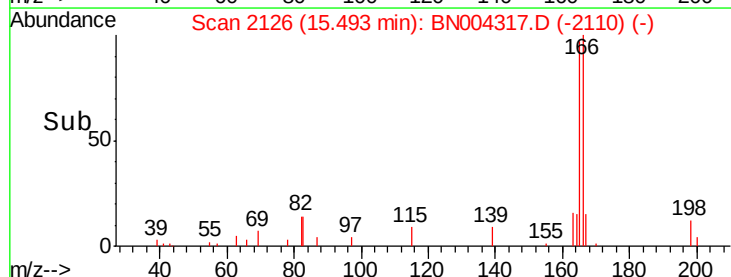
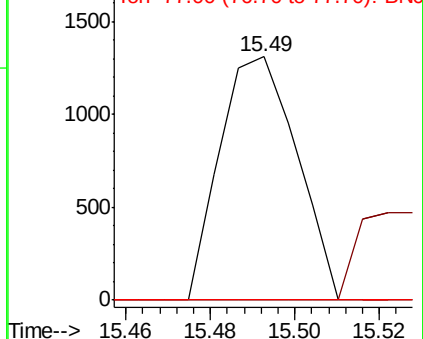


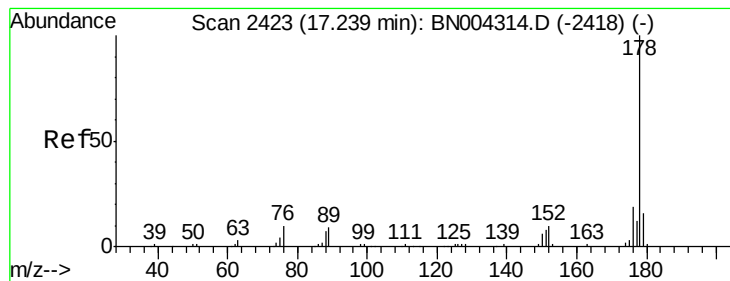
Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNC





#69

Phenanthrene

Concen: 24.891 ng/ul

RT: 17.24 min Scan# 2423

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Instrument :

BNA_N

ClientSampleId :

BF023

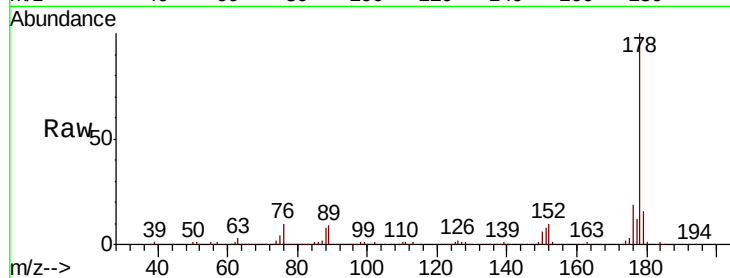
Tgt Ion:178 Resp: 290625

Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

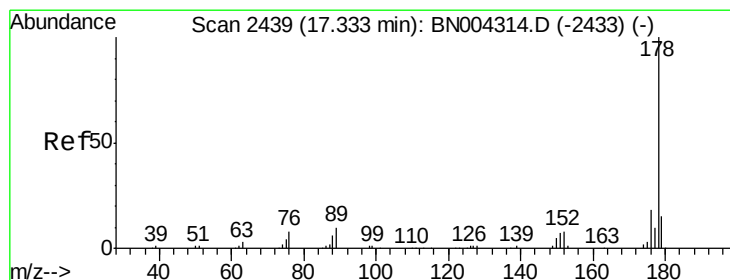
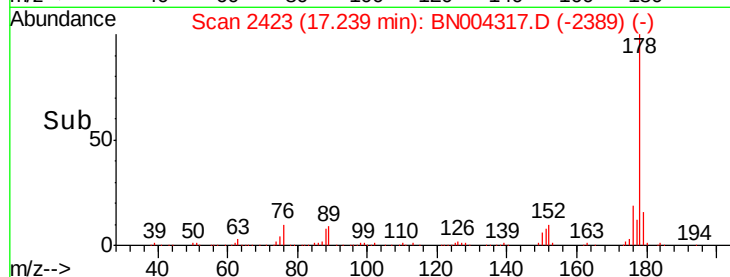
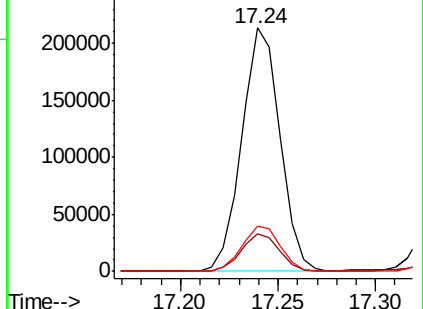
176 18.8 15.0 22.6



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: 6.191 ng/ul

RT: 17.33 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

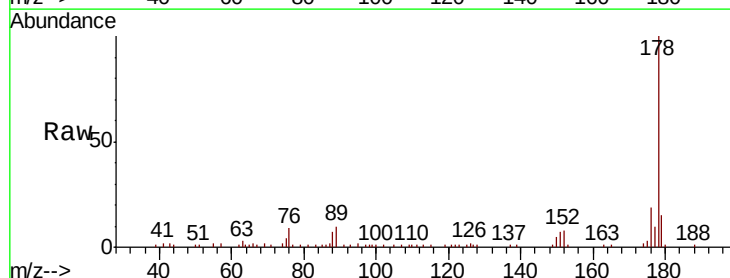
Tgt Ion:178 Resp: 74092

Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

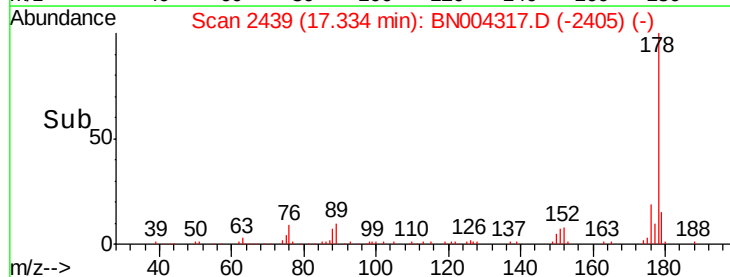
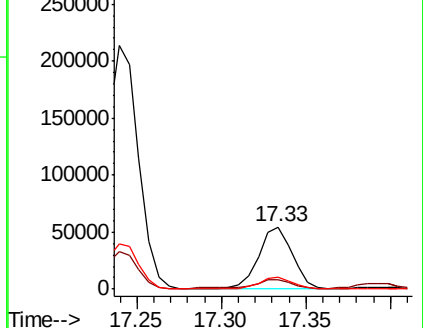
176 18.7 15.2 22.8

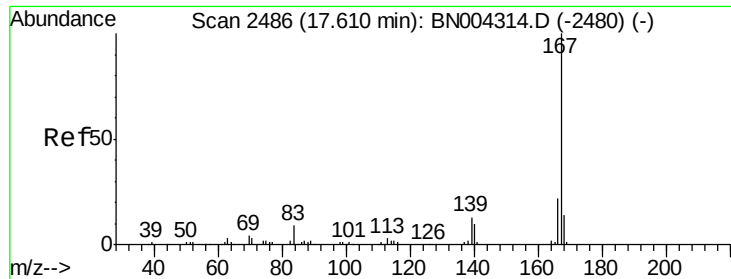


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 1.464 ng/ul

RT: 17.61 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Instrument :

BNA_N

ClientSampleId :

BF023

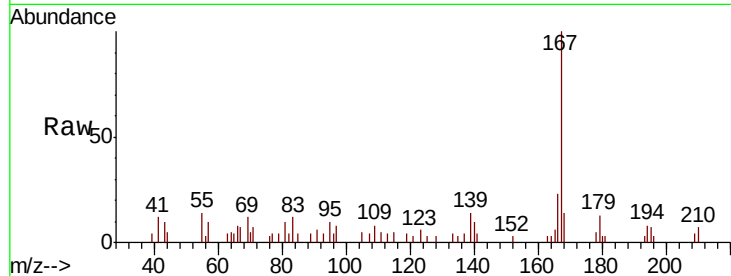
Tgt Ion:167 Resp: 16105

Ion Ratio Lower Upper

167 100

166 23.1 17.4 26.0

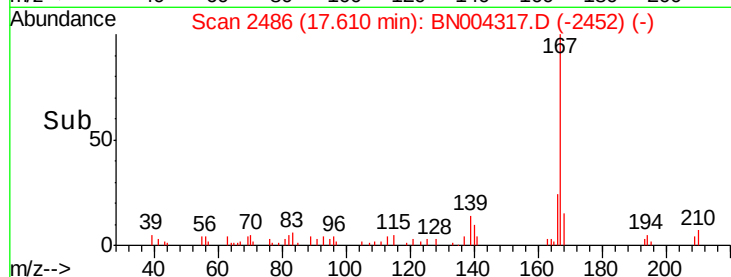
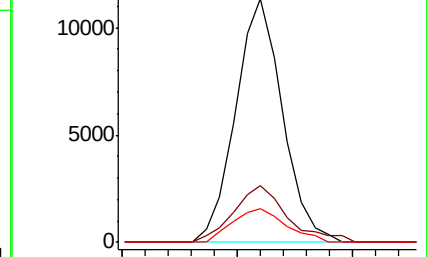
139 13.9 10.2 15.2



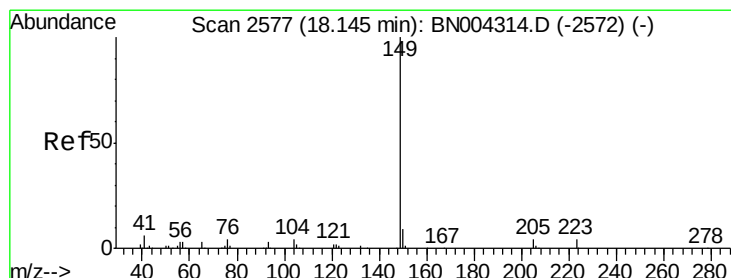
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 17.55 17.60 17.65



#75

Di-n-butylphthalate

Concen: 4.223 ng/ul

RT: 18.15 min Scan# 2577

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

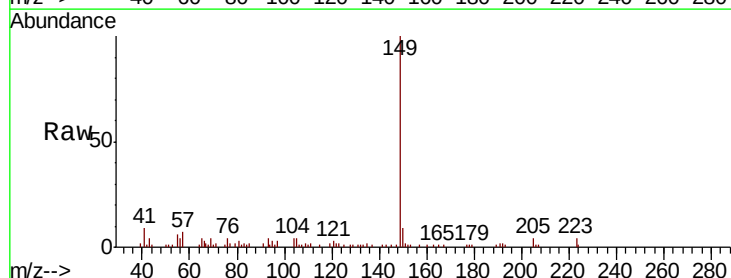
Tgt Ion:149 Resp: 54736

Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

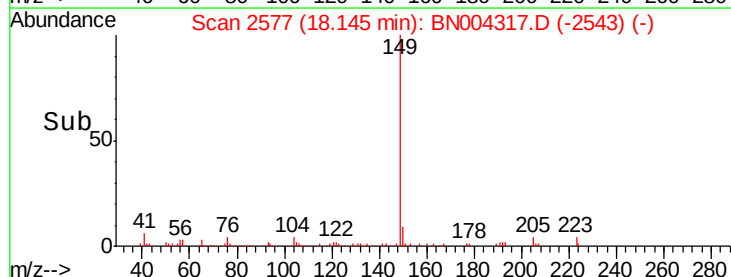
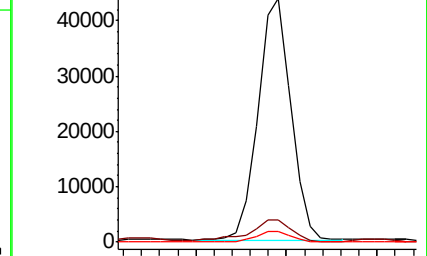
104 4.3 3.6 5.4



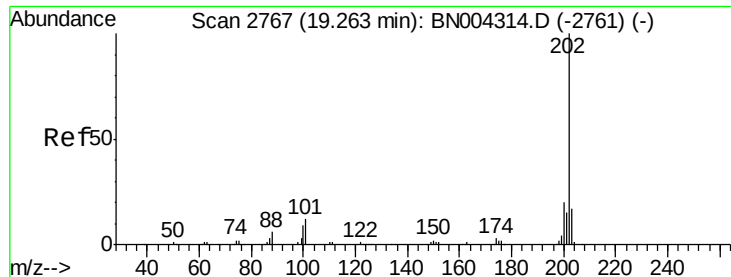
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



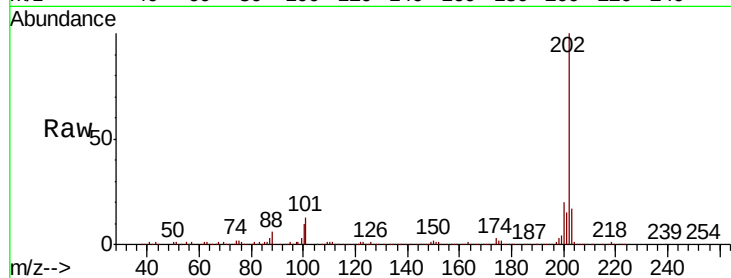
Time--> 18.10 18.15 18.20



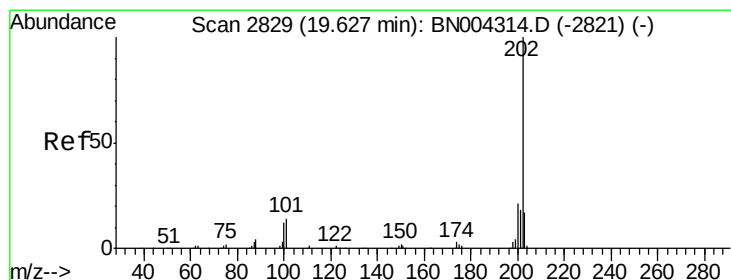
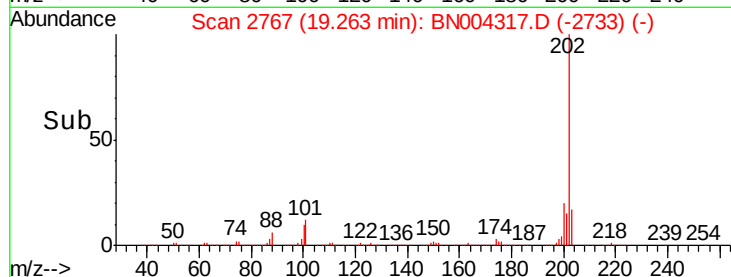
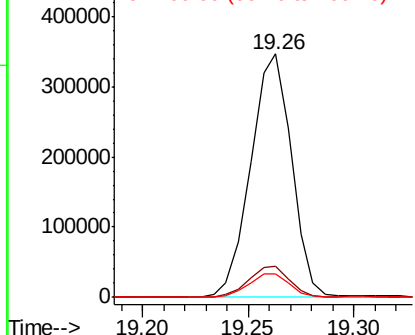
#76
Fluoranthene
Concen: 32.644 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. 0.00 min
Lab File: BN004317.D
Acq: 03 Jan 2019 14:33

Instrument :
BNA_N
ClientSampleId :
BF023

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.2	15.2
100	9.8	7.8	11.8

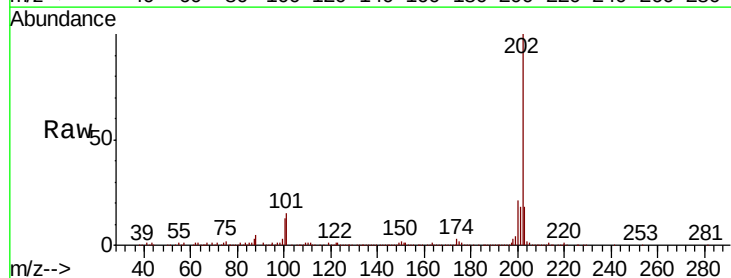


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

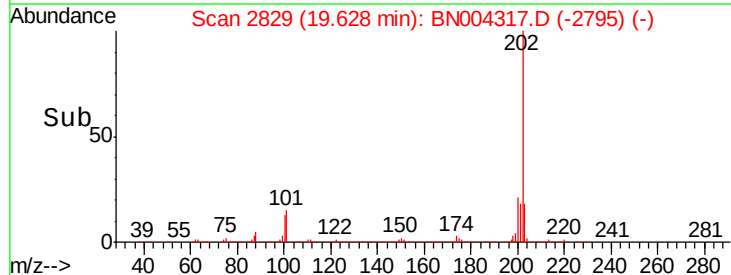
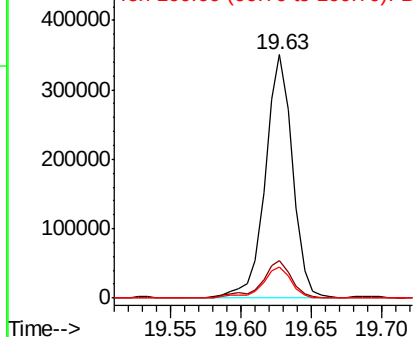


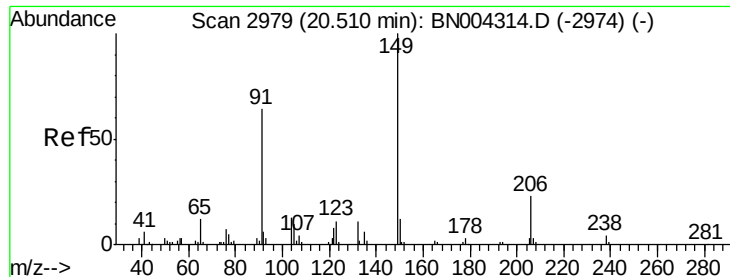
#79
Pyrene
Concen: 48.285 ng/ul
RT: 19.63 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BN004317.D
Acq: 03 Jan 2019 14:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.2	18.2
100	12.6	9.9	14.9



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

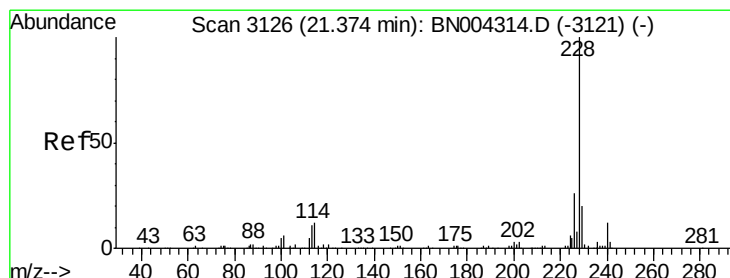
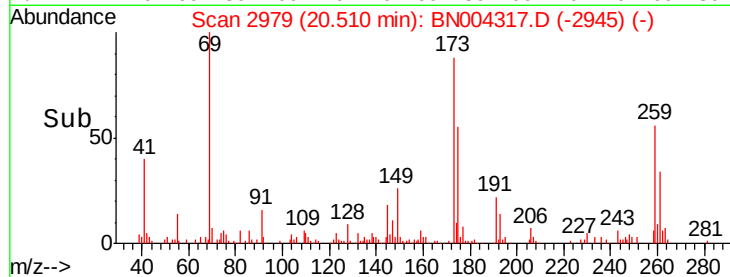
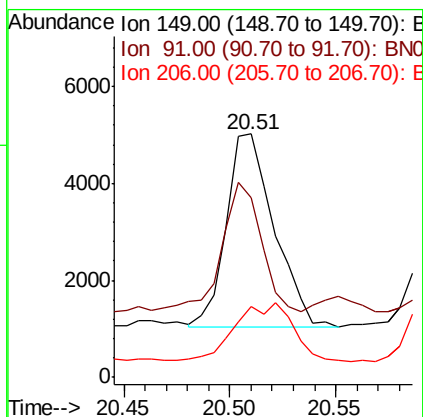
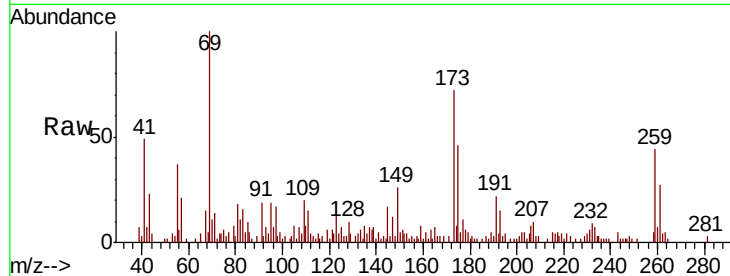




#80
Butylbenzylphthalate
Concen: 1.420 ng/ul
RT: 20.51 min Scan# 2979
Delta R.T. 0.00 min
Lab File: BN004317.D
Acq: 03 Jan 2019 14:33

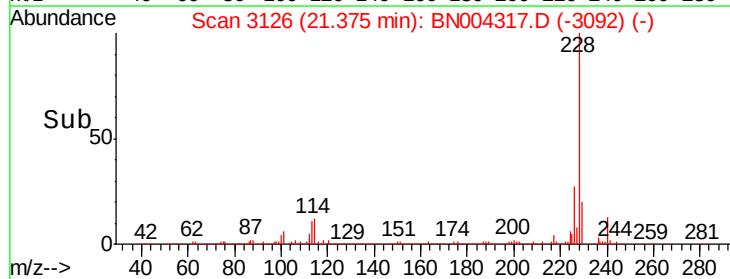
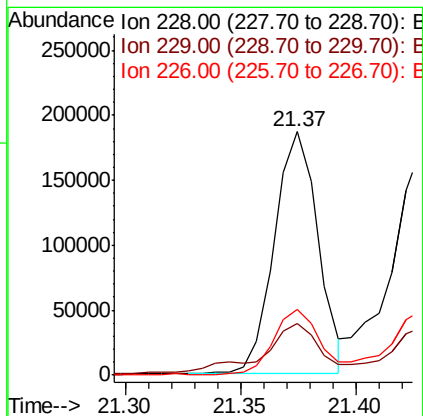
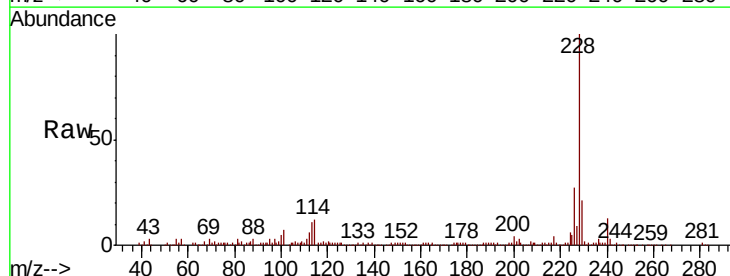
Instrument :
BNA_N
ClientSampleId :
BF023

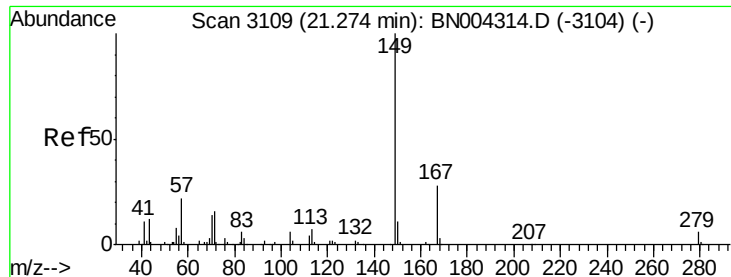
Tgt Ion:149 Resp: 6249
Ion Ratio Lower Upper
149 100
91 74.0 53.0 79.4
206 29.3 17.1 25.7#



#82
Benzo(a)anthracene
Concen: 22.242 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BN004317.D
Acq: 03 Jan 2019 14:33

Tgt Ion:228 Resp: 244528
Ion Ratio Lower Upper
228 100
229 21.3 15.9 23.9
226 27.1 21.4 32.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 7.064 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Instrument :

BNA_N

ClientSampleId :

BF023

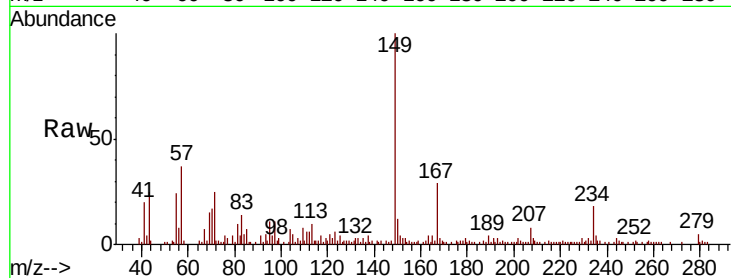
Tgt Ion:149 Resp: 47493

Ion Ratio Lower Upper

149 100

167 29.0 23.0 34.4

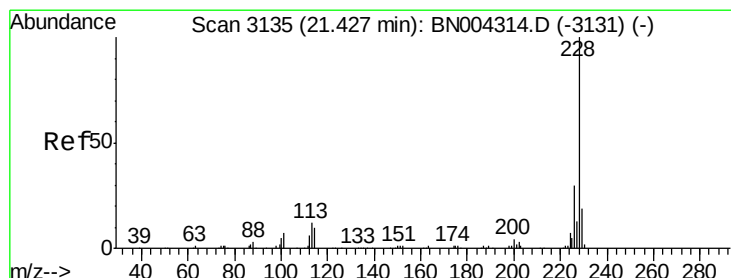
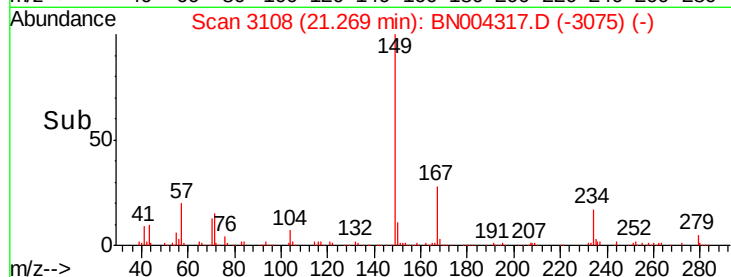
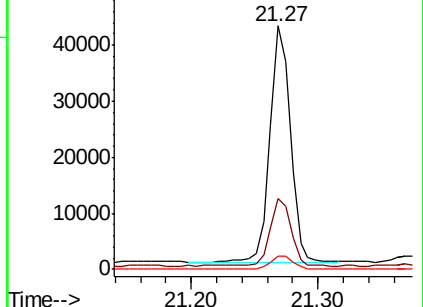
279 5.3 4.4 6.6



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: 23.075 ng/ul

RT: 21.43 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

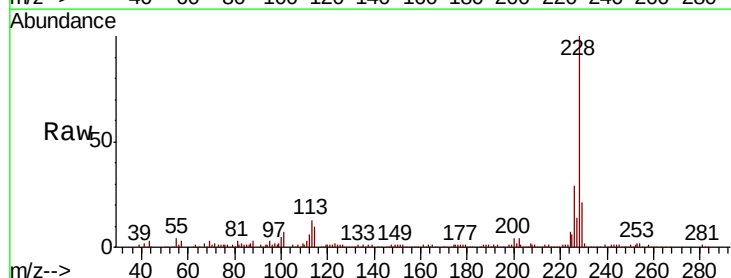
Tgt Ion:228 Resp: 237619

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.8

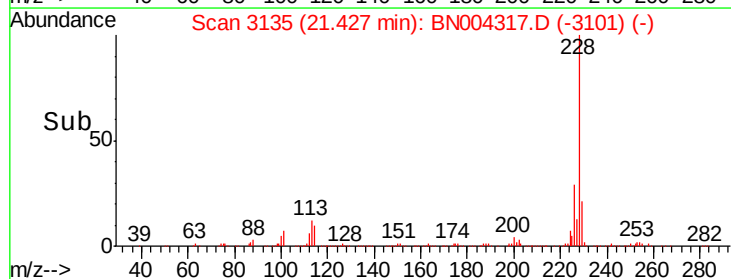
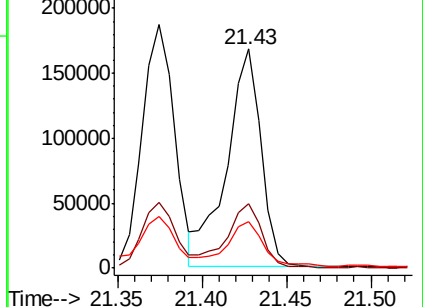
229 21.4 15.8 23.6

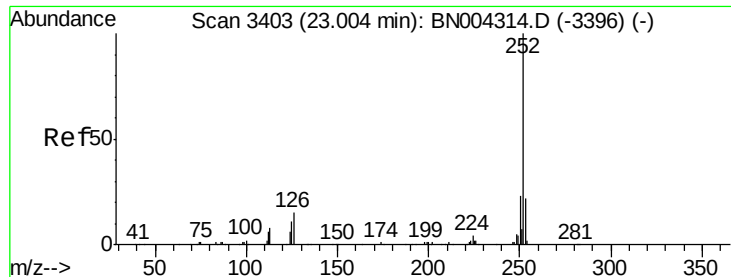


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 27.926 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. 0.01 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Instrument :

BNA_N

ClientSampleId :

BF023

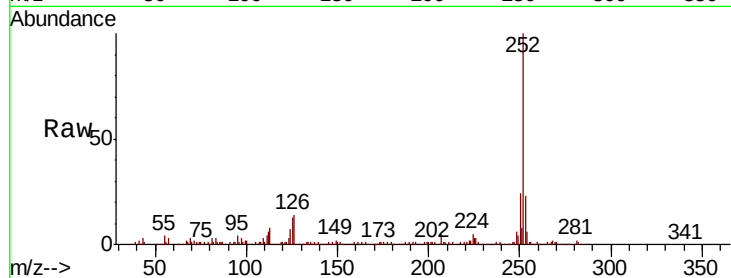
Tgt Ion:252 Resp: 324232

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

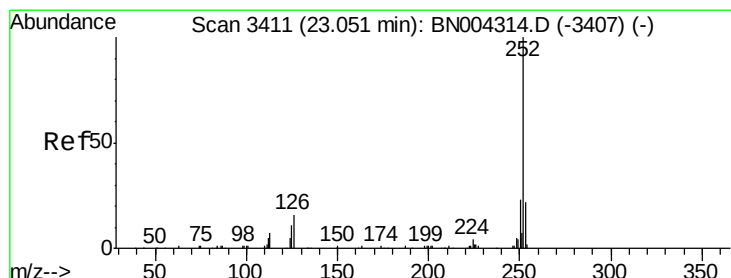
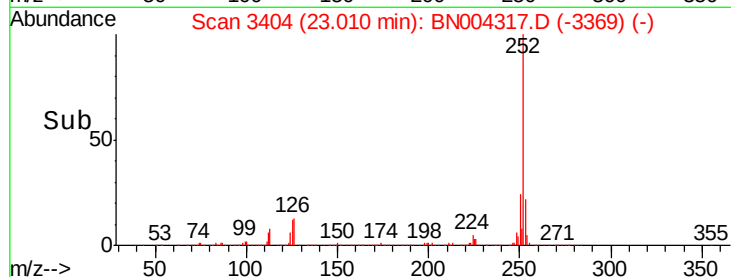
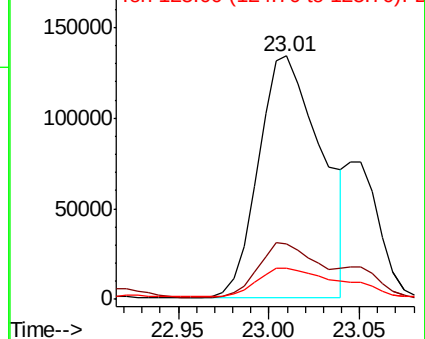
125 12.7 8.2 12.4#



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: 29.823 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. -0.04 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

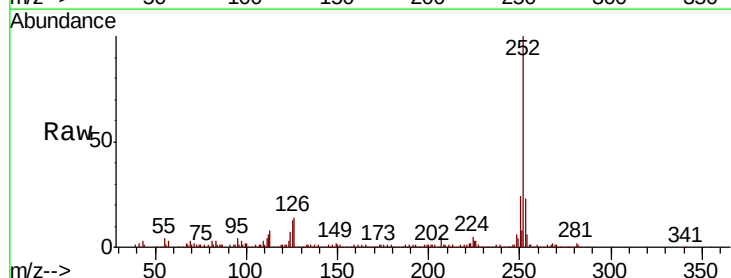
Tgt Ion:252 Resp: 324232

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

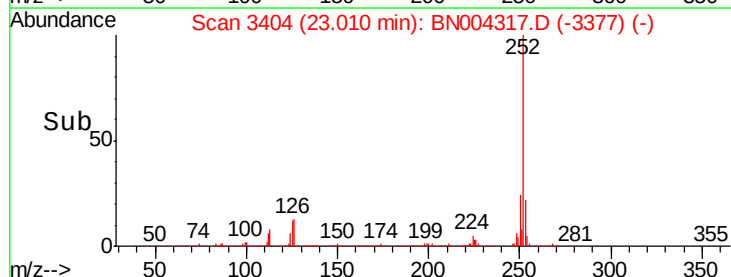
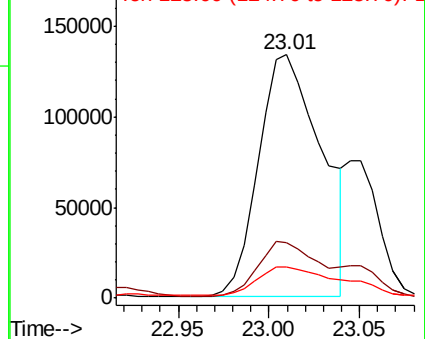
125 12.7 7.9 11.9#

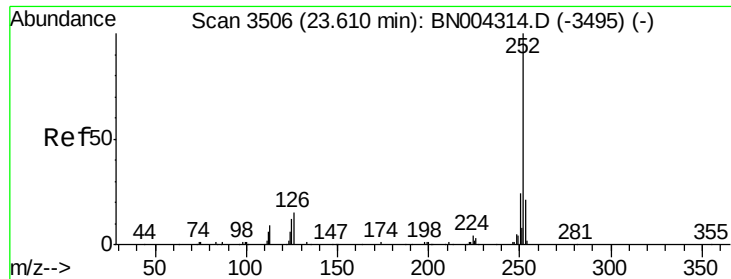


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 21.952 ng/ul

RT: 23.61 min Scan# 3506

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Instrument :

BNA_N

ClientSampleId :

BF023

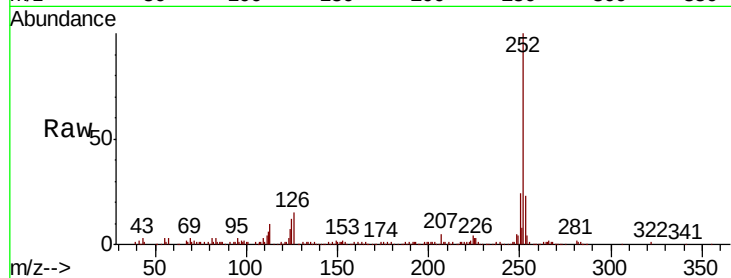
Tgt Ion:252 Resp: 245454

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

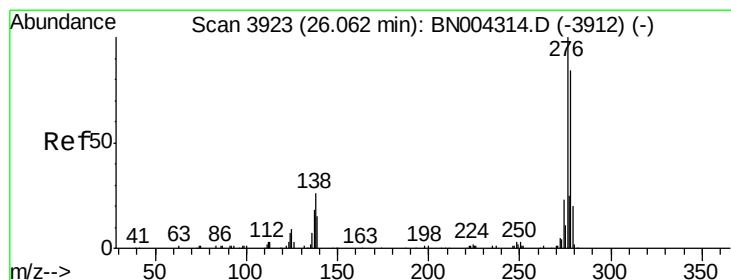
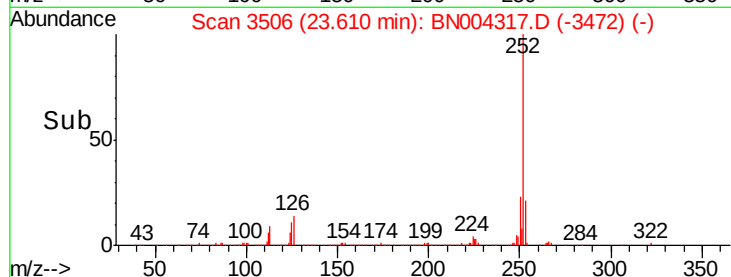
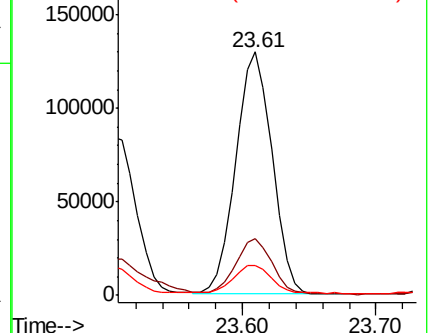
125 12.4 9.1 13.7



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: 12.140 ng/ul

RT: 26.06 min Scan# 3923

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

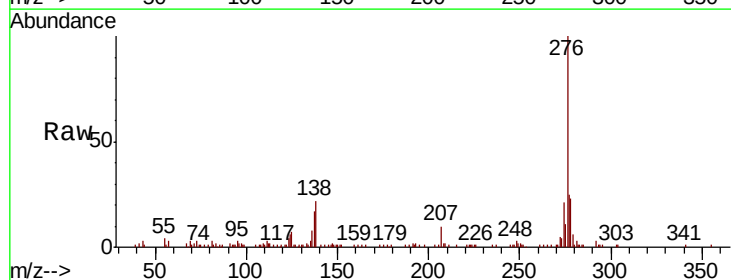
Tgt Ion:276 Resp: 176939

Ion Ratio Lower Upper

276 100

138 22.0 20.4 30.6

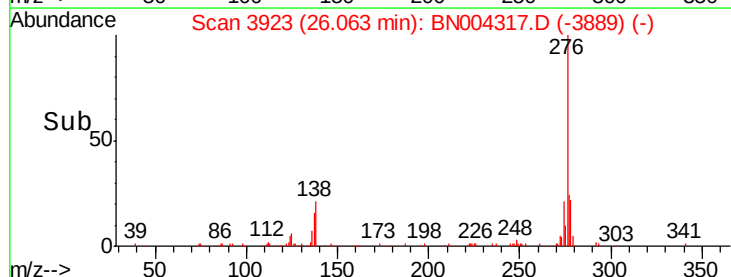
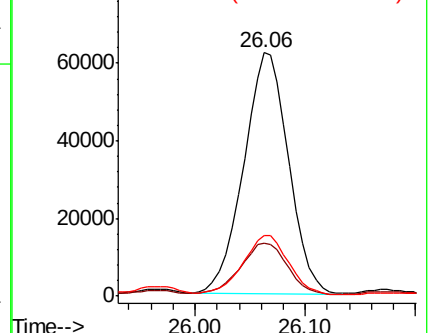
277 24.9 20.6 30.8

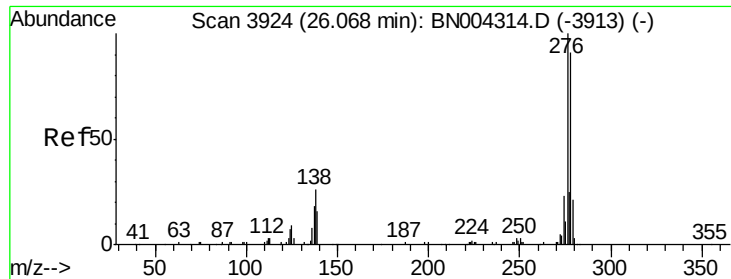


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 4.007 ng/ul

RT: 26.07 min Scan# 3924

Delta R.T. 0.00 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

Instrument :

BNA_N

ClientSampleId :

BF023

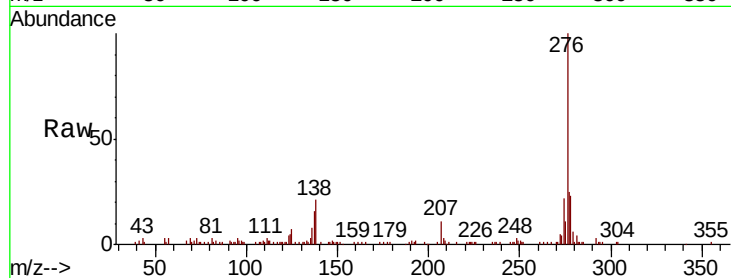
Tgt Ion:278 Resp: 48550

Ion Ratio Lower Upper

278 100

139 0.0 13.3 19.9#

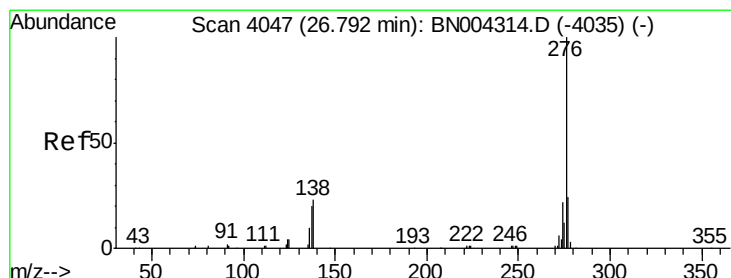
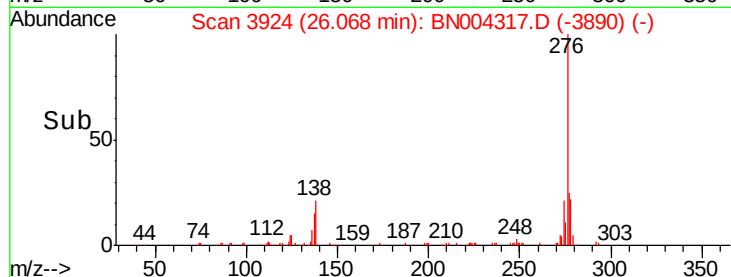
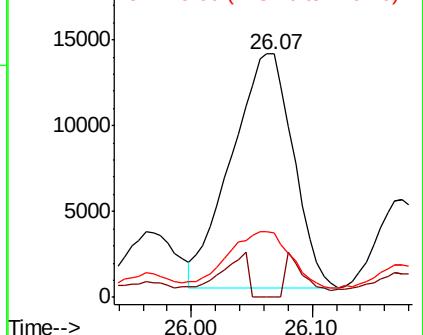
279 26.3 19.0 28.6



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



#93

Benzo(g,h,i)perylene

Concen: 13.302 ng/ul

RT: 26.80 min Scan# 4048

Delta R.T. 0.01 min

Lab File: BN004317.D

Acq: 03 Jan 2019 14:33

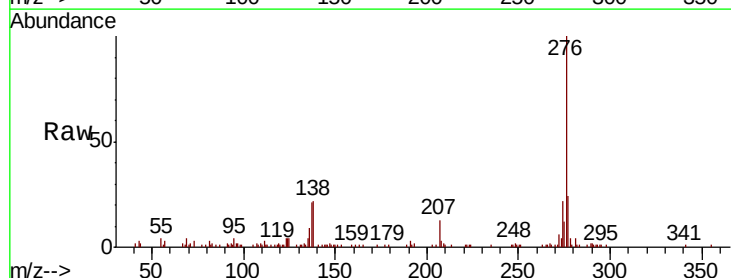
Tgt Ion:276 Resp: 162284

Ion Ratio Lower Upper

276 100

138 21.8 18.2 27.4

277 24.5 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

