

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
 Data File : BN005612.D
 Acq On : 11 May 2019 05:29
 Operator : JU/SJ
 Sample : K2613-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH46

Quant Time: May 11 22:10:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 07 05:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	210102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	872225	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.22	164	521453	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1059962	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	709628	20.00	ng/ul	-0.01
85) Perylene-d12	23.41	264	758900	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	8908	2.05	ng/uL	0.00
5) Phenol-d5	6.77	99	243879	14.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	140891	13.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	209691	16.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	197308	15.30	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	109308	20.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	123820	22.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	227302	18.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	200805	15.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	713948	18.86	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	895982	19.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	75380	12.61	ng/ul	0.01
57) Fluorene-d10	15.22	176	614162	19.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	43535	9.13	ng/ul	0.00
70) Anthracene-d10	17.07	188	859801	19.35	ng/ul	0.00
78) Pyrene-d10	19.39	212	797208	21.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	636472	19.19	ng/ul	0.00

Target Compounds

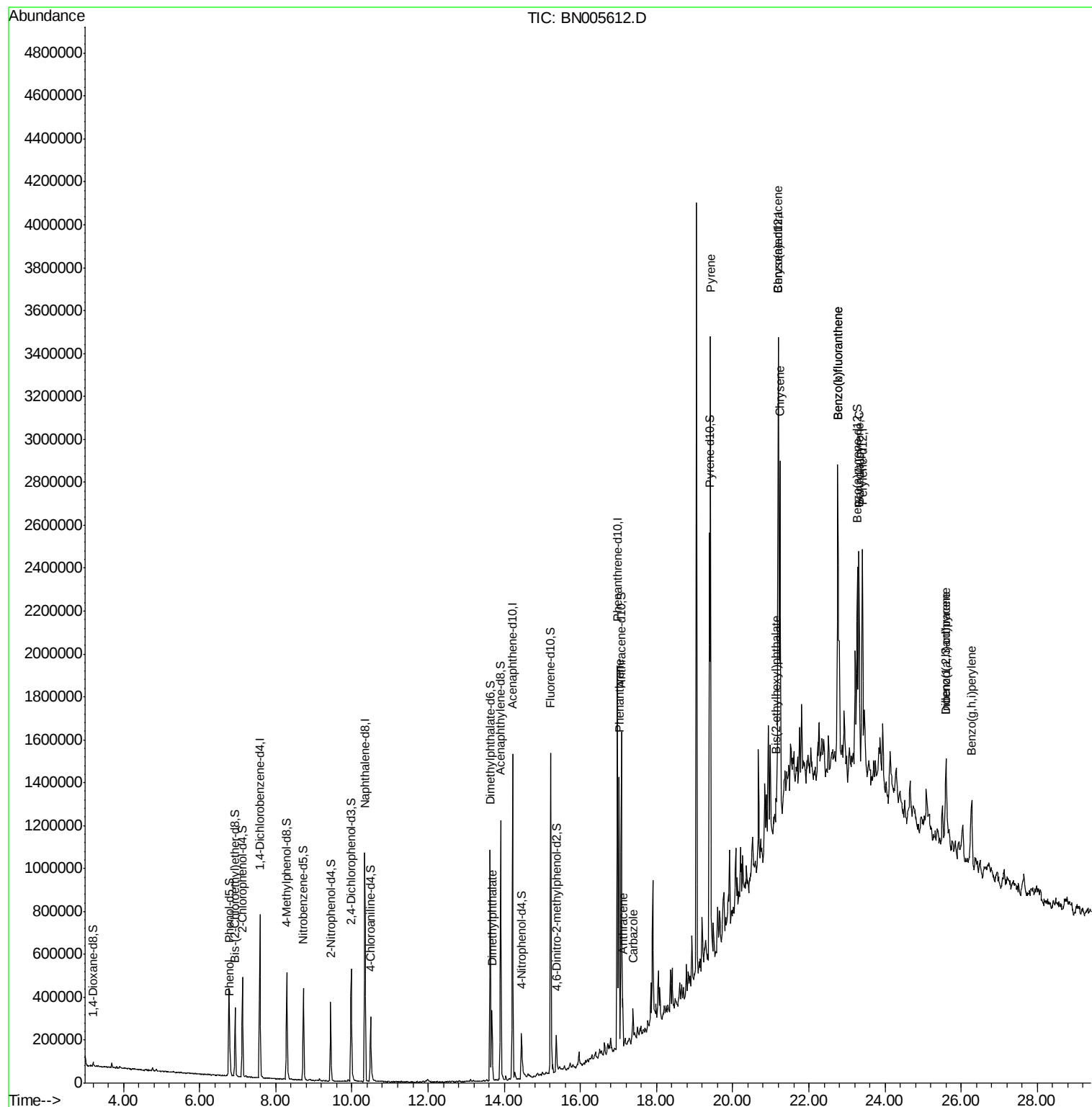
					Qvalue
6) Phenol	6.80	94	54992	3.240	ng/ul 96
44) Dimethylphthalate	13.68	163	217353	5.763	ng/ul 99
69) Phenanthrene	17.02	178	753478	14.596	ng/ul 99
71) Anthracene	17.11	178	139882	2.660	ng/ul 98
74) Carbazole	17.39	167	91022	2.015	ng/ul 100
79) Pyrene	19.42	202	1832277	40.102	ng/ul# 93
82) Benzo(a)anthracene	21.19	228	935567	21.192	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.13	149	28270	1.015	ng/ul# 87
84) Chrysene	21.24	228	886376	21.634	ng/ul 96
87) Benzo(b)fluoranthene	22.76	252	1012240	23.728	ng/ul 97
88) Benzo(k)fluoranthene	22.76	252	1012240	24.845	ng/ul 97
90) Benzo(a)pyrene	23.32	252	605237	15.094	ng/ul 96
91) Indeno(1,2,3-cd)pyrene	25.60	276	358932	8.096	ng/ul# 93
92) Dibenzo(a,h)anthracene	25.60	278	103840	2.760	ng/ul# 88
93) Benzo(g,h,i)perylene	26.27	276	311299	8.492	ng/ul 95

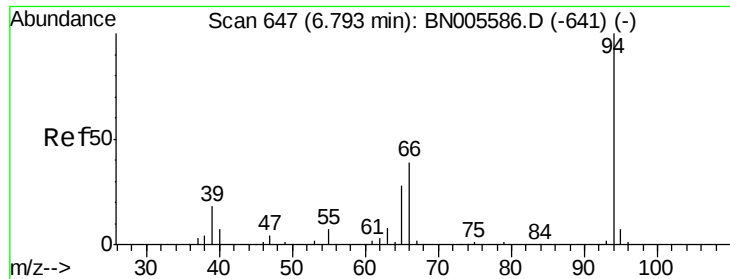
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.240 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

Instrument :

BNA_N

ClientSampleId :

BFH46

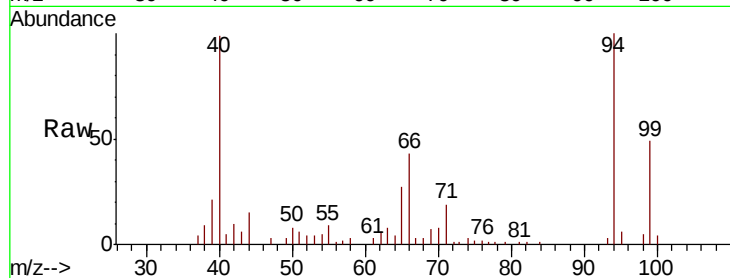
Tgt Ion: 94 Resp: 54992

Ion Ratio Lower Upper

94 100

65 27.2 24.2 36.4

66 43.5 33.8 50.6

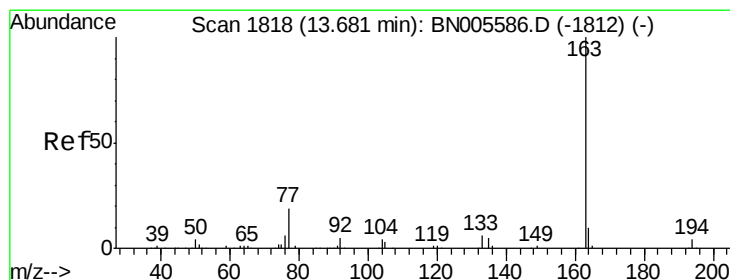
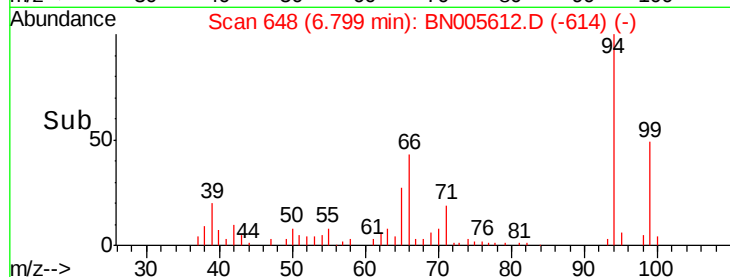
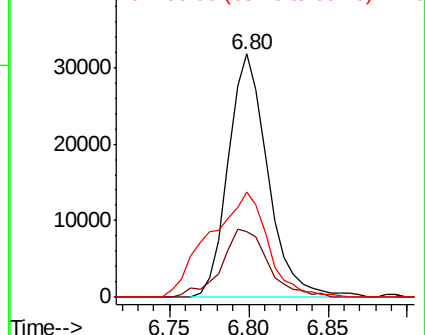


Abundance

Ion 94.00 (93.70 to 94.70): BN005586.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BN005586.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BN005586.D (-641) (-)



#44

Dimethylphthalate

Concen: 5.763 ng/ul

RT: 13.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

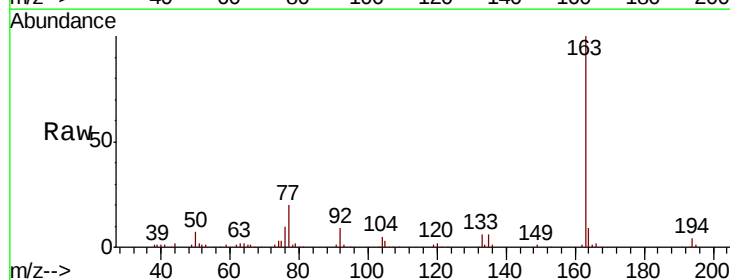
Tgt Ion: 163 Resp: 217353

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.4 8.1 12.1

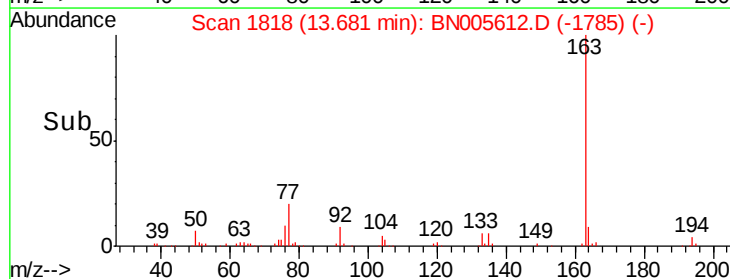
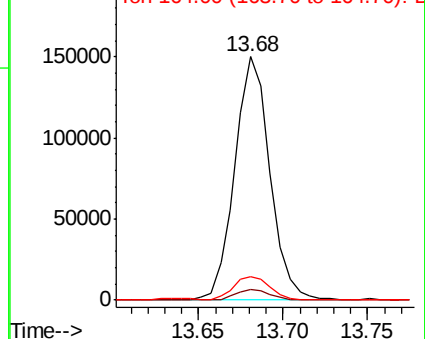


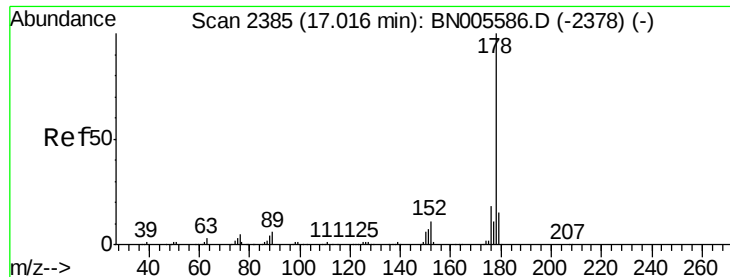
Abundance

Ion 163.00 (162.70 to 163.70): BN005586.D (-1812) (-)

Ion 194.00 (193.70 to 194.70): BN005586.D (-1812) (-)

Ion 164.00 (163.70 to 164.70): BN005586.D (-1812) (-)





#69

Phenanthrene

Concen: 14.596 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

Instrument :

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ClientSampleId :

BFH46

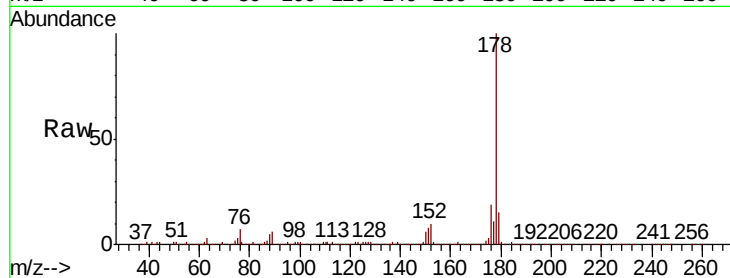
Tgt Ion:178 Resp: 753478

Ion Ratio Lower Upper

178 100

179 14.7 12.2 18.4

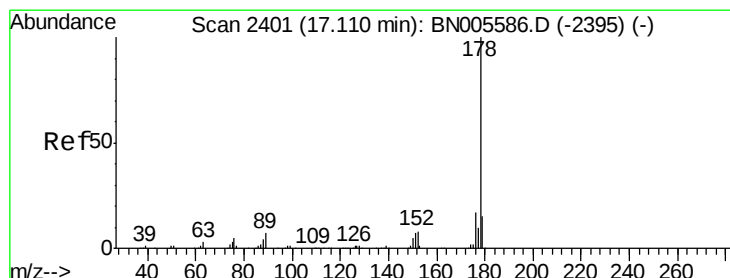
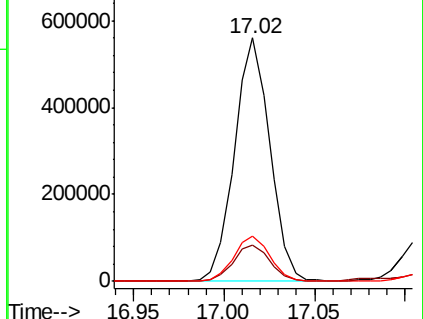
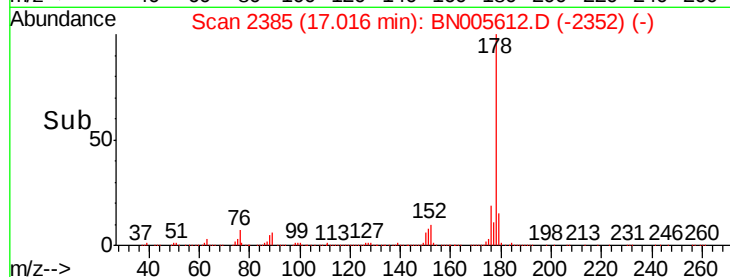
176 18.8 15.1 22.7



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: 2.660 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

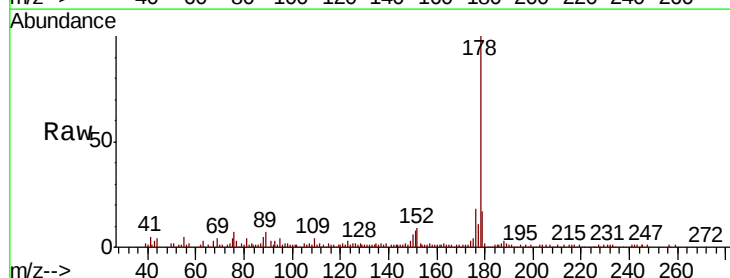
Tgt Ion:178 Resp: 139882

Ion Ratio Lower Upper

178 100

179 16.7 12.3 18.5

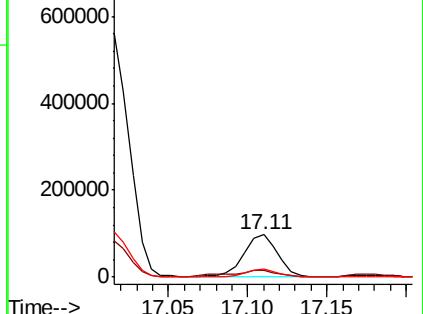
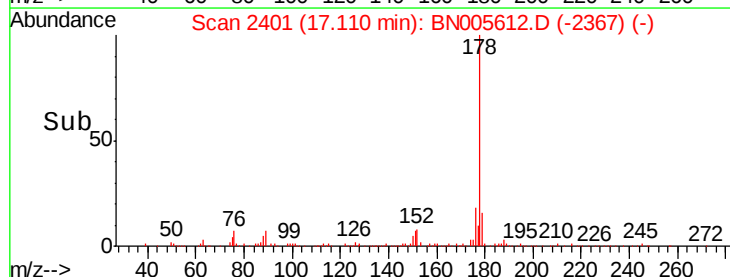
176 18.5 15.1 22.7

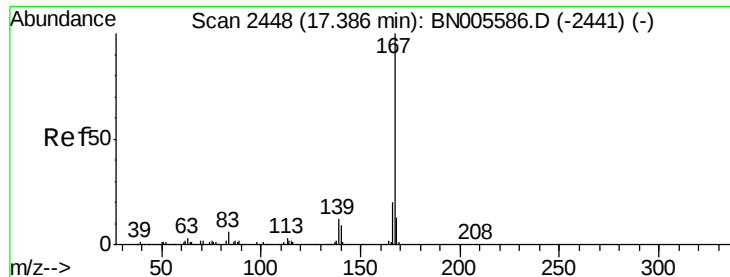


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 2.015 ng/ul

RT: 17.39 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

Instrument :

BNA_N

ClientSampleId :

BFH46

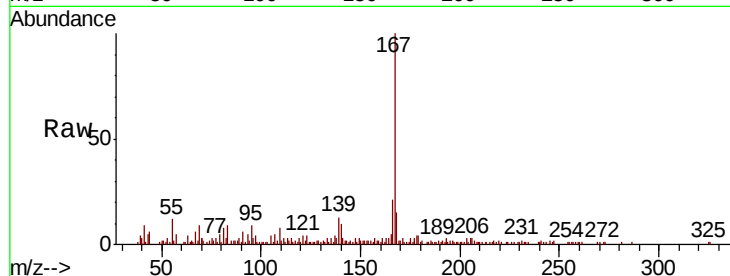
Tgt Ion:167 Resp: 91022

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

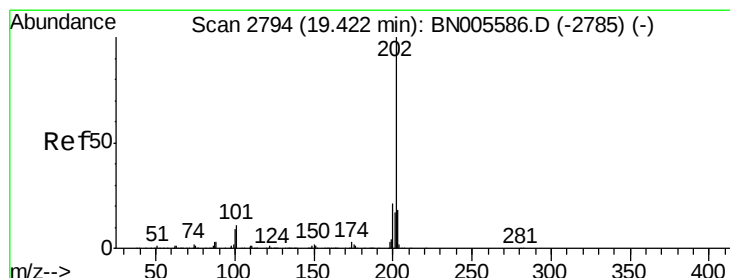
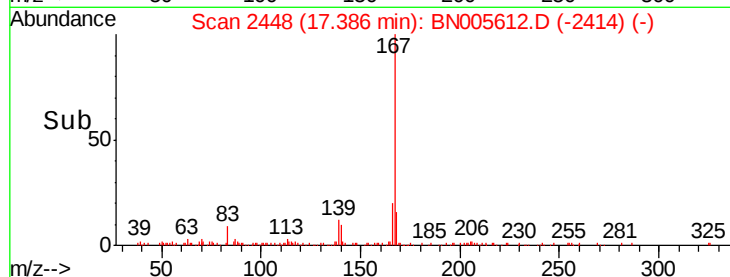
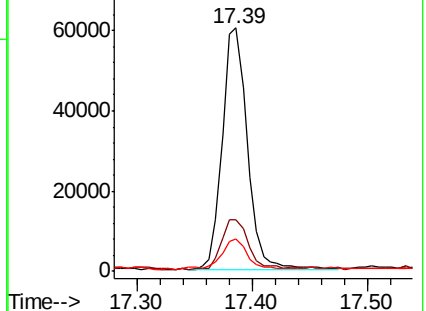
139 13.2 10.6 16.0



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



#79

Pyrene

Concen: 40.102 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

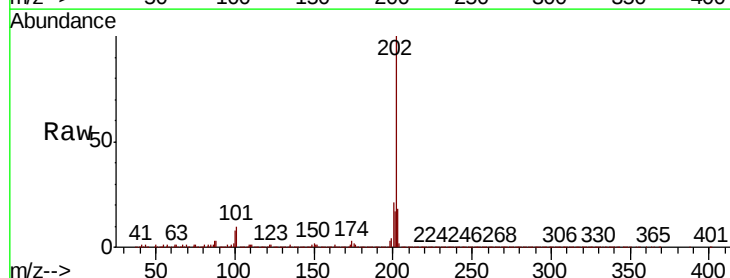
Tgt Ion:202 Resp: 1832277

Ion Ratio Lower Upper

202 100

101 9.8 10.3 15.5#

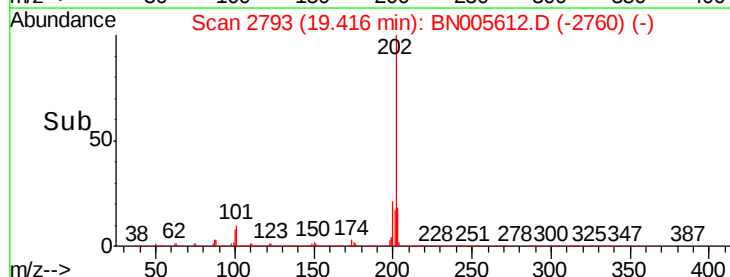
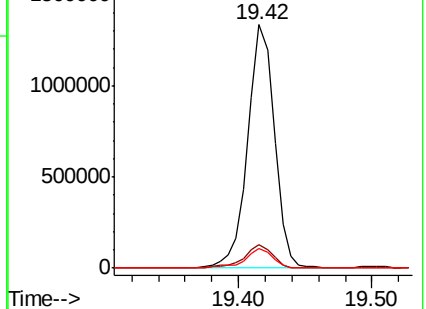
100 8.0 7.9 11.9

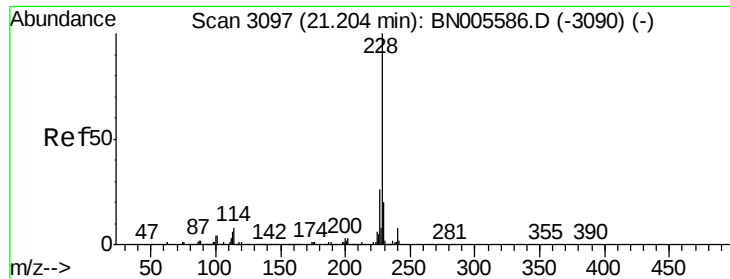


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#82

Benzo(a)anthracene

Concen: 21.192 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

Instrument :

BNA_N

ClientSampleId :

BFH46

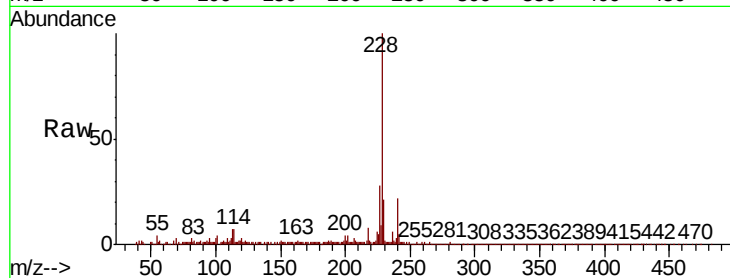
Tgt Ion:228 Resp: 935567

Ion Ratio Lower Upper

228 100

229 20.8 15.8 23.6

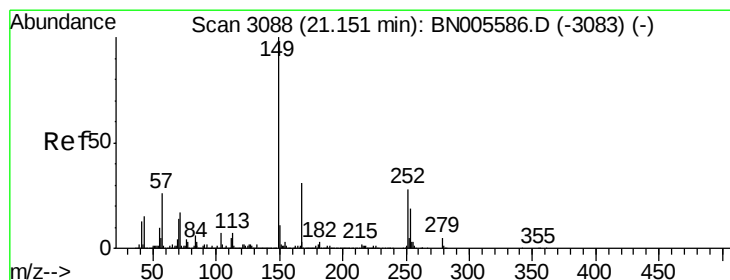
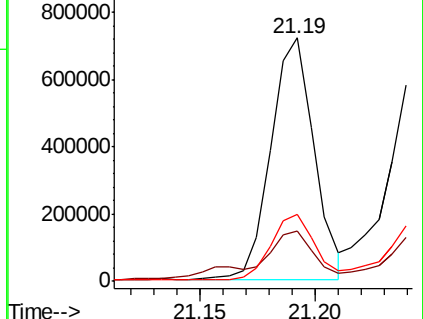
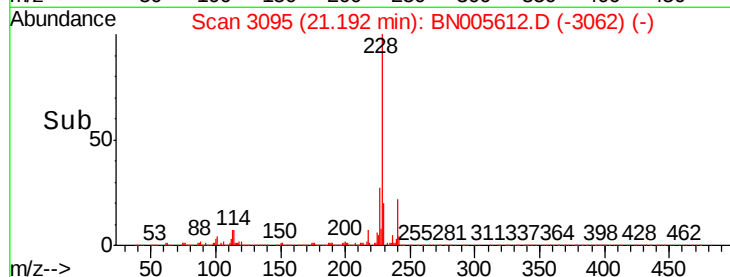
226 27.5 21.4 32.2



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: 1.015 ng/ul

RT: 21.13 min Scan# 3085

Delta R.T. -0.02 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

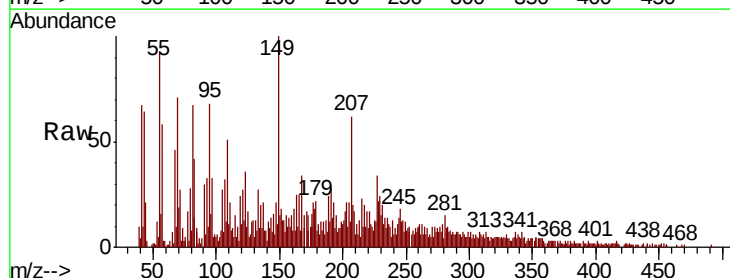
Tgt Ion:149 Resp: 28270

Ion Ratio Lower Upper

149 100

167 34.4 22.3 33.5#

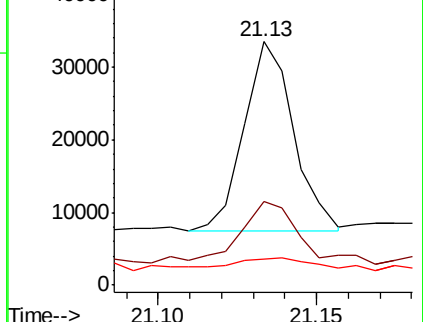
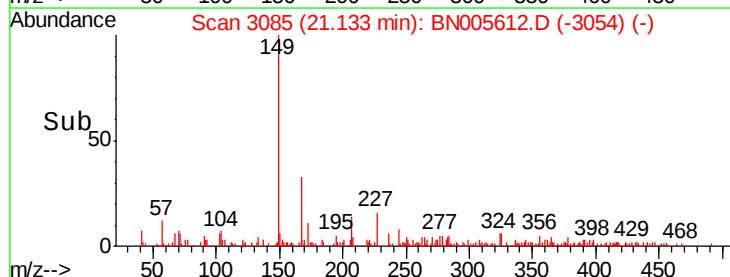
279 10.7 3.3 4.9#

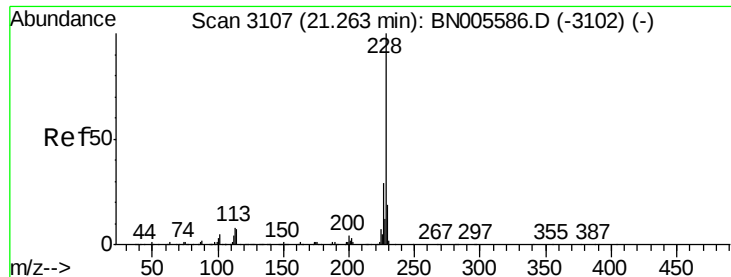


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 21.634 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

Instrument :

BNA_N

ClientSampleId :

BFH46

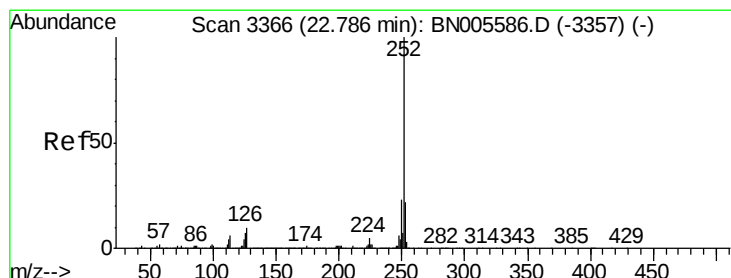
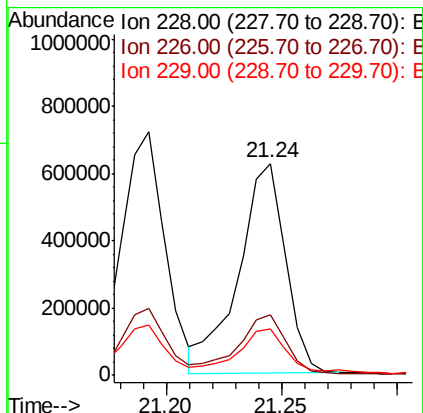
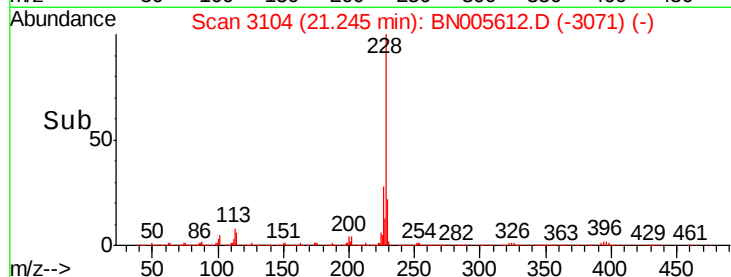
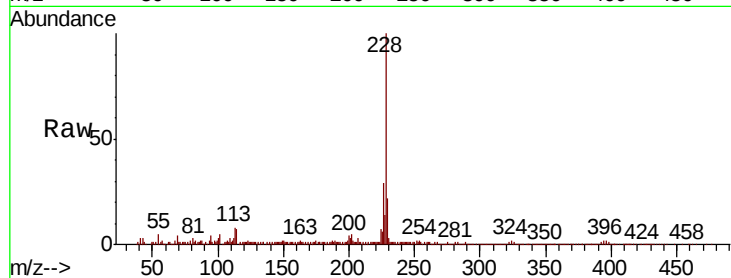
Tgt Ion:228 Resp: 886376

Ion Ratio Lower Upper

228 100

226 28.7 24.0 36.0

229 22.2 15.4 23.0



#87

Benzo(b)fluoranthene

Concen: 23.728 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

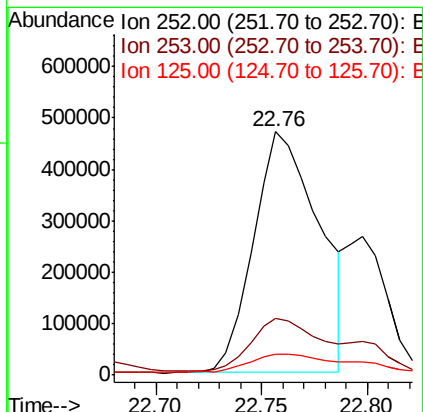
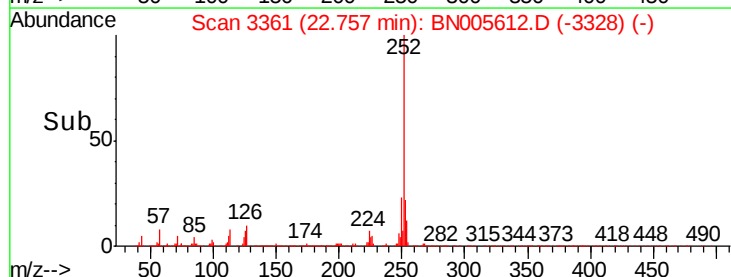
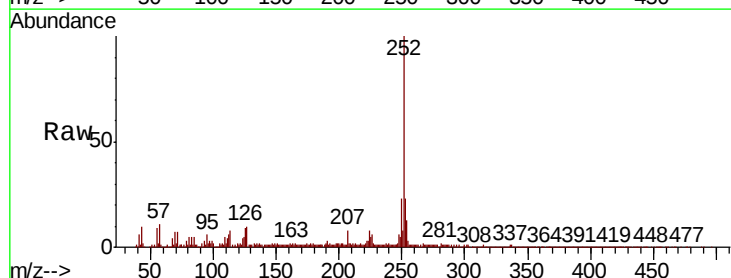
Tgt Ion:252 Resp: 1012240

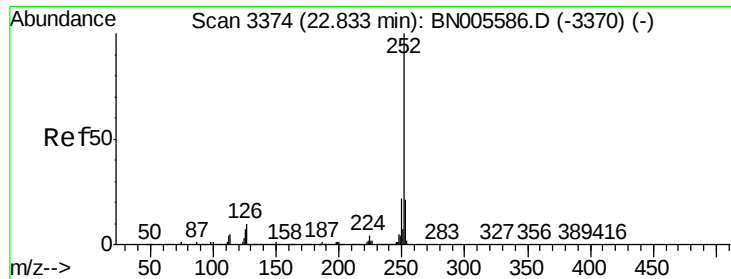
Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 8.6 8.4 12.6





#88

Benzo(k)fluoranthene

Concen: 24.845 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.05 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

Instrument :

BNA_N

ClientSampleId :

BFH46

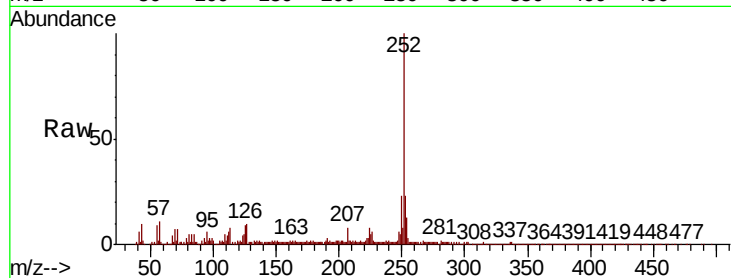
Tgt Ion:252 Resp: 1012240

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

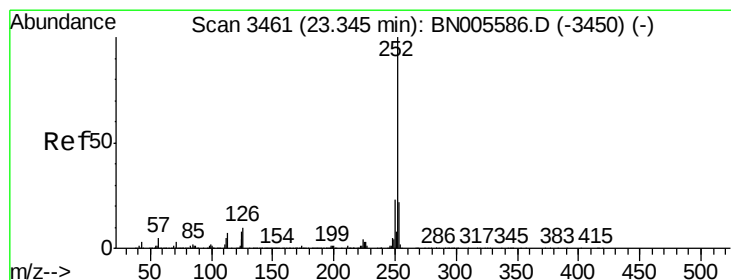
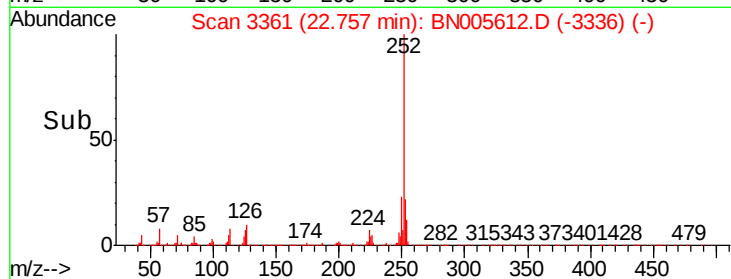
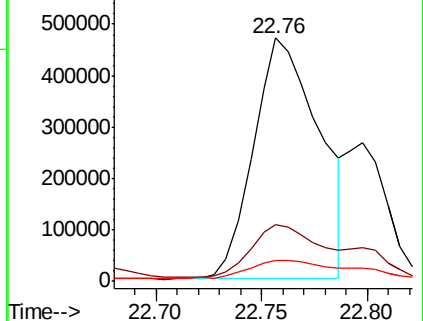
125 8.6 7.5 11.3



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



#90

Benzo(a)pyrene

Concen: 15.094 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

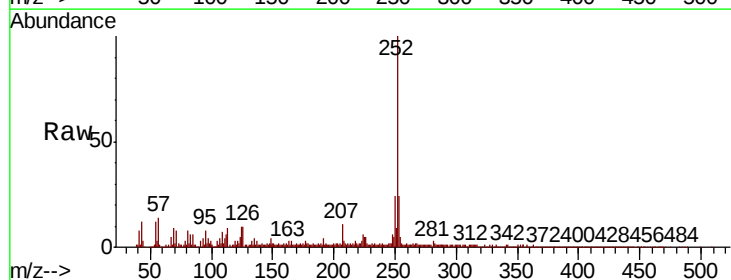
Tgt Ion:252 Resp: 605237

Ion Ratio Lower Upper

252 100

253 23.6 17.3 25.9

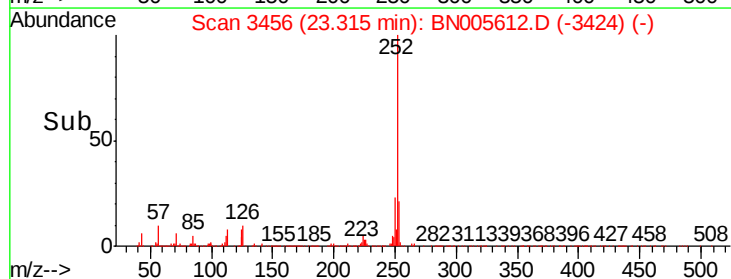
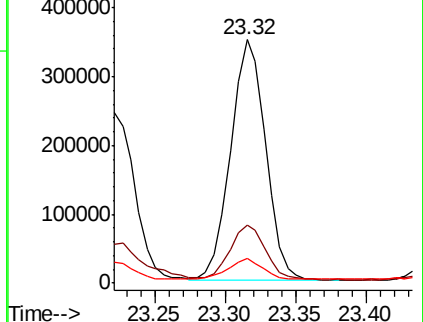
125 10.1 8.6 13.0

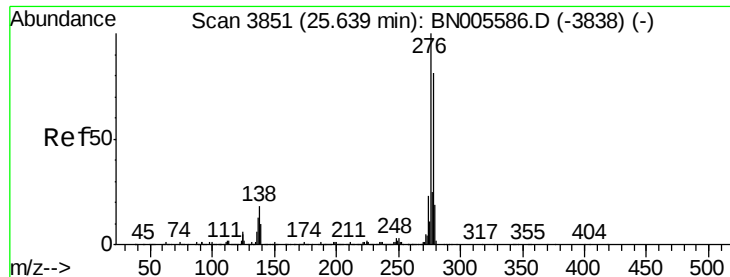


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 8.096 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. -0.01 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

Instrument :

BNA_N

ClientSampleId :

BFH46

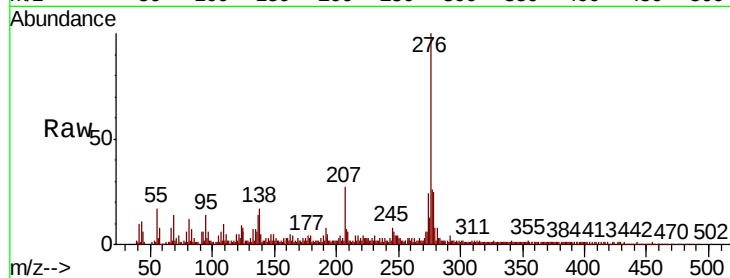
Tgt Ion:276 Resp: 358932

Ion Ratio Lower Upper

276 100

138 17.0 17.9 26.9#

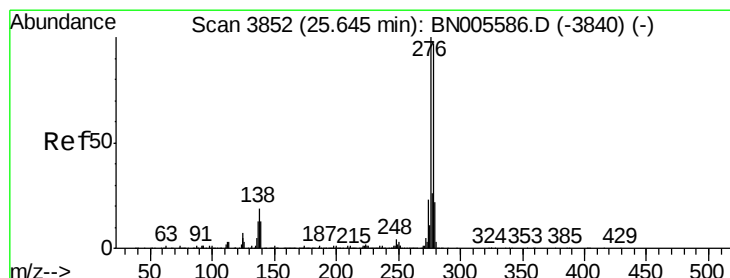
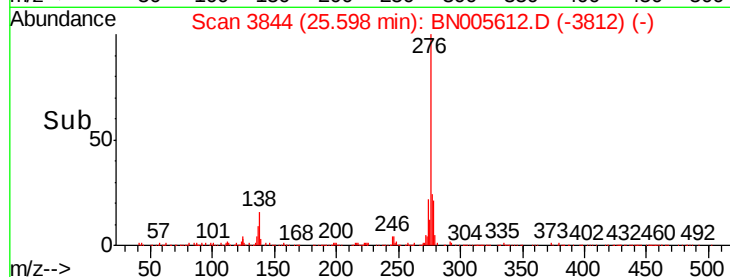
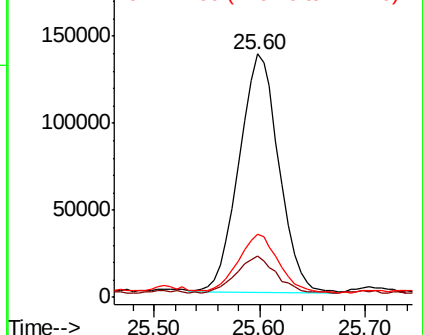
277 26.0 19.7 29.5



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: 2.760 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. -0.02 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

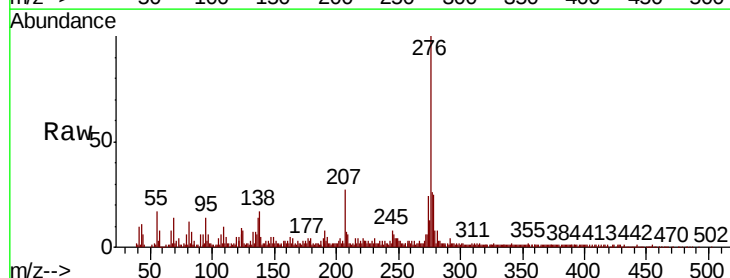
Tgt Ion:278 Resp: 103840

Ion Ratio Lower Upper

278 100

139 19.6 13.1 19.7

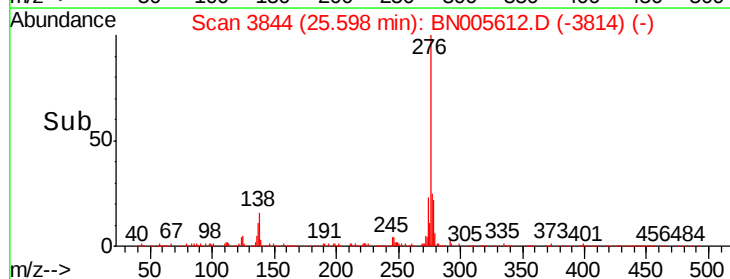
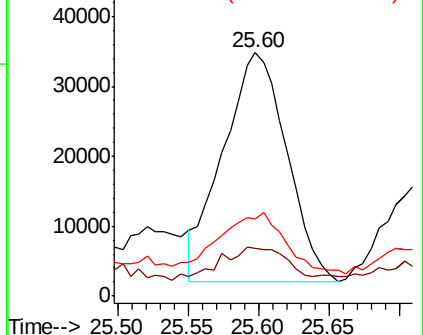
279 31.9 19.4 29.0#

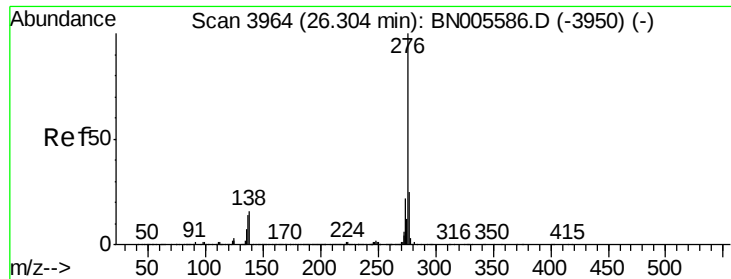


Abundance Ion 278.00 (277.70 to 278.70): E

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: 8.492 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. -0.01 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

Instrument :

BNA_N

ClientSampleId :

BFH46

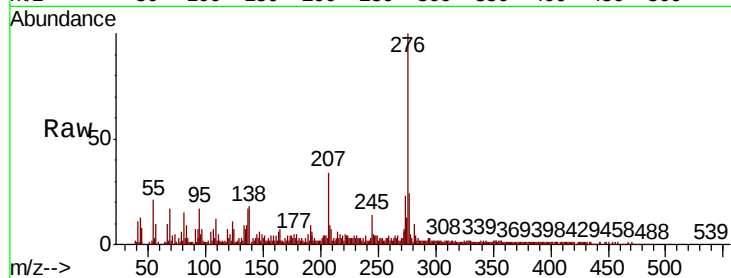
Tgt Ion:276 Resp: 311299

Ion Ratio Lower Upper

276 100

138 17.5 16.7 25.1

277 24.4 18.2 27.2



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

