

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062119\
 Data File : BN006476.D
 Acq On : 21 Jun 2019 21:41
 Operator : HP/JU
 Sample : K3335-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4235

Quant Time: Jun 21 22:46:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 22:42:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	220616	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1009041	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	591501	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1317949	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1129815	20.00	ng/ul	-0.02
85) Perylene-d12	23.47	264	1042968	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	22322	3.95	ng/uL	0.00
5) Phenol-d5	6.80	99	391074	16.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	273194	18.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	306944	17.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	256659	13.77	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	153804	19.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	165032	18.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	289735	17.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	347817	17.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	986824	19.04	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1174563	18.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	109106	12.32	ng/ul	0.00
57) Fluorene-d10	15.28	176	852483	19.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	34088	4.09	ng/ul	0.00
70) Anthracene-d10	17.13	188	1181611	17.81	ng/ul	0.00
78) Pyrene-d10	19.45	212	1388685	21.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1110435	18.85	ng/ul	-0.02

Target Compounds

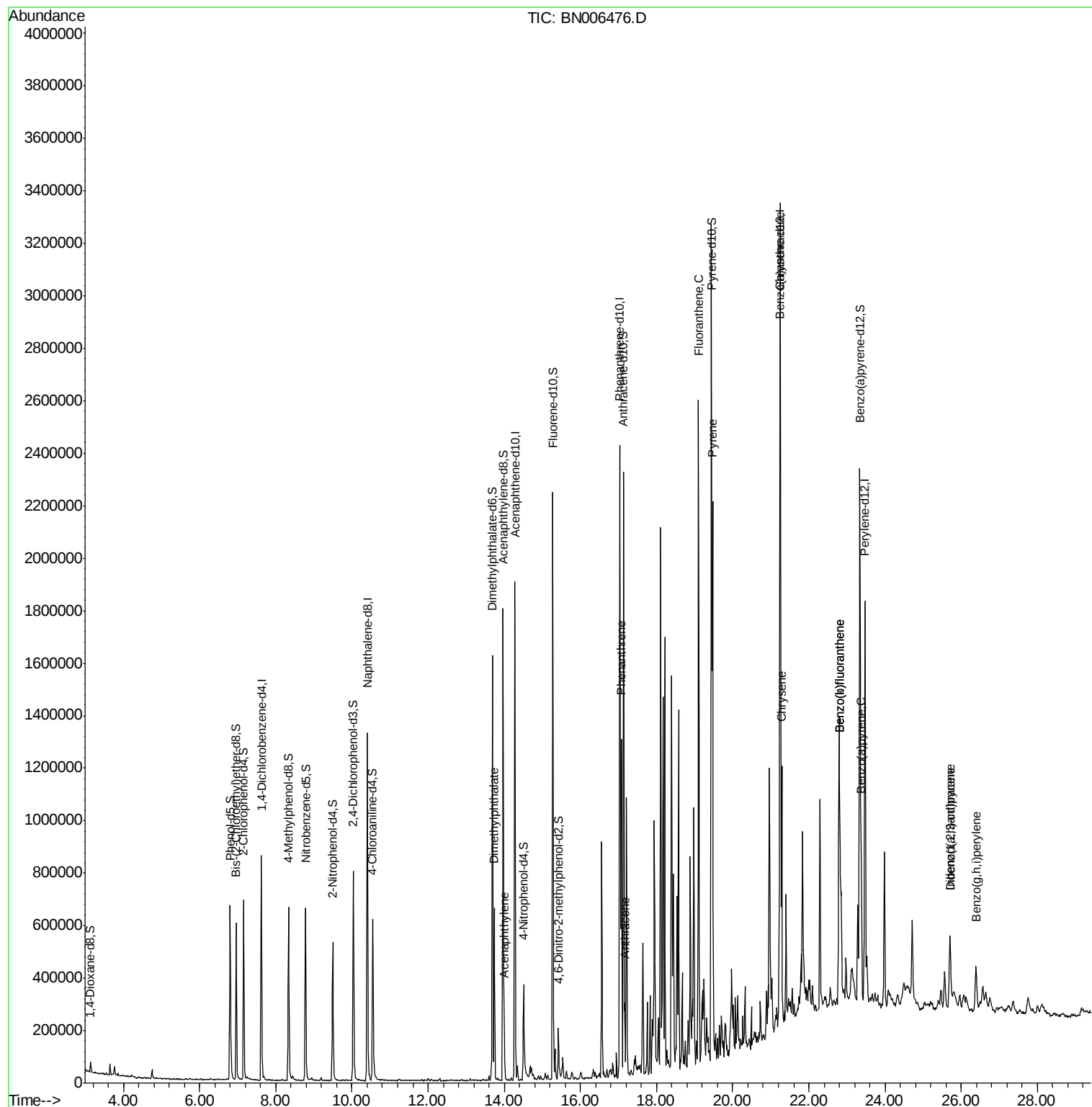
						Qvalue
44) Dimethylphthalate	13.74	163	383098	8.016	ng/ul	99
47) Acenaphthylene	14.00	152	94701	1.682	ng/ul	98
69) Phenanthrene	17.07	178	625252	8.601	ng/ul	99
71) Anthracene	17.17	178	155923	2.113	ng/ul	98
76) Fluoranthene	19.10	202	1397220	17.835	ng/ul	100
79) Pyrene	19.47	202	1241899	16.145	ng/ul	97
82) Benzo(a)anthracene	21.23	228	594482	7.698	ng/ul	97
84) Chrysene	21.29	228	542452	7.381	ng/ul	98
87) Benzo(b)fluoranthene	22.81	252	583425	9.321	ng/ul	98
88) Benzo(k)fluoranthene	22.81	252	583425	9.752	ng/ul	97
90) Benzo(a)pyrene	23.38	252	401181	6.684	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.71	276	233042	3.281	ng/ul	96
92) Dibenzo(a,h)anthracene	25.71	278	60925	1.036	ng/ul#	87
93) Benzo(g,h,i)perylene	26.39	276	191364	3.199	ng/ul	99

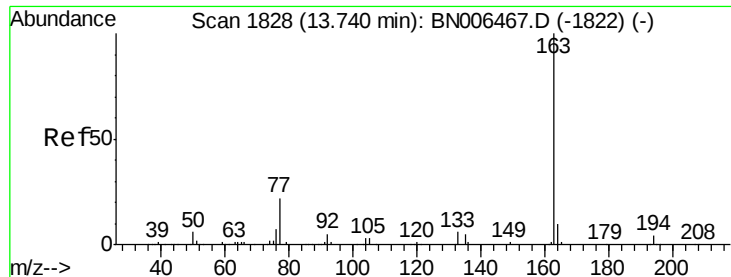
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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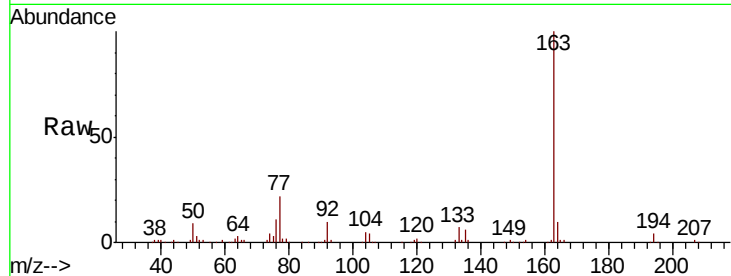




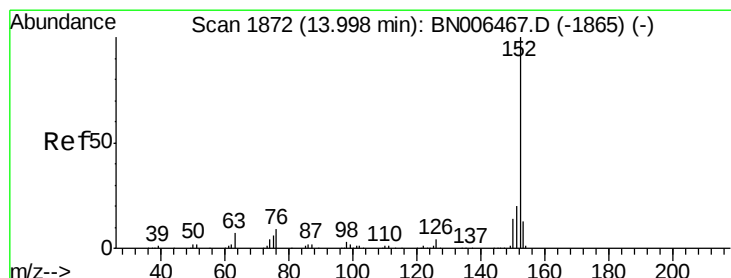
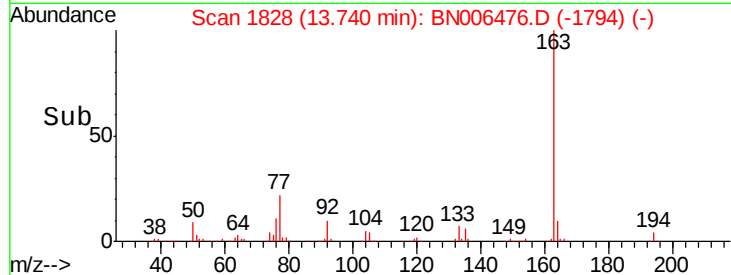
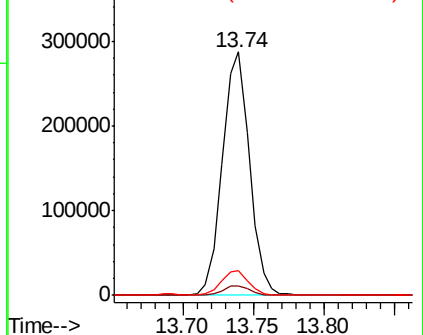
#44
Dimethylphthalate
Concen: 8.016 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BN006476.D
Acq: 21 Jun 2019 21:41

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ClientSampleId :
A4235

Tgt Ion:163 Resp: 383098
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.4 8.0 12.0

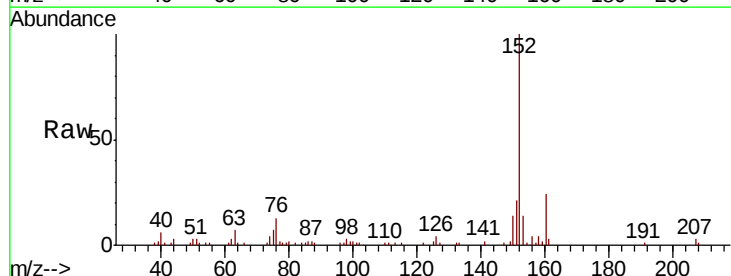


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

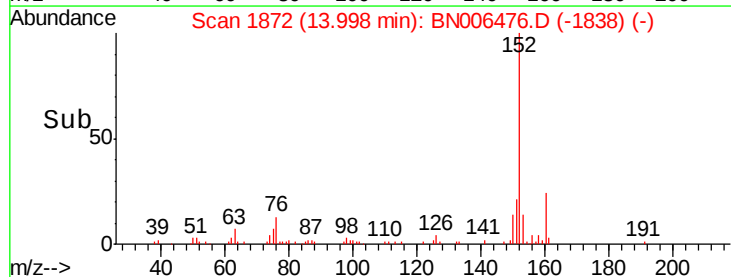
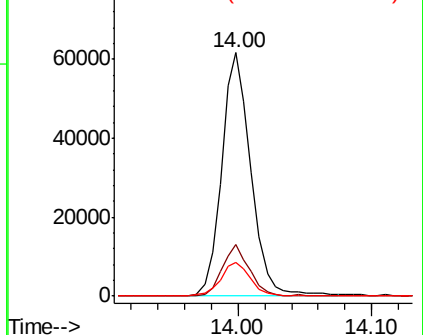


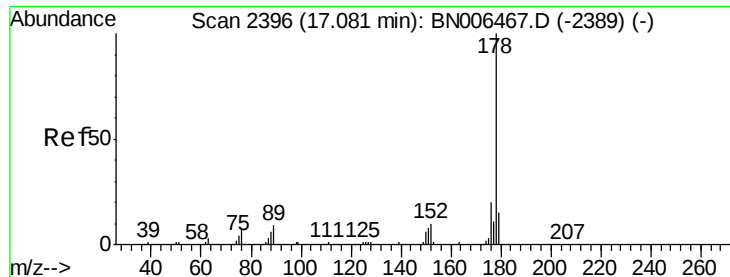
#47
Acenaphthylene
Concen: 1.682 ng/ul
RT: 14.00 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BN006476.D
Acq: 21 Jun 2019 21:41

Tgt Ion:152 Resp: 94701
Ion Ratio Lower Upper
152 100
151 21.2 15.9 23.9
153 13.9 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 8.601 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BN006476.D

Acq: 21 Jun 2019 21:41

Instrument :

BNA_N

ClientSampleId :

A4235

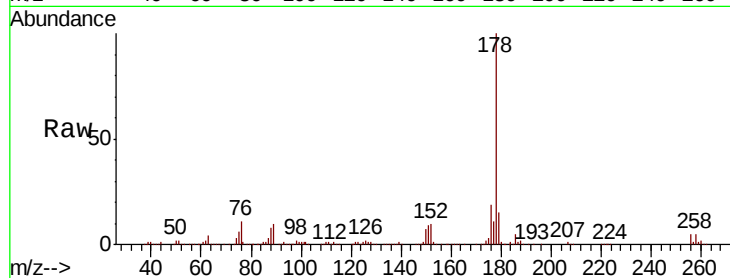
Tgt Ion:178 Resp: 625252

Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

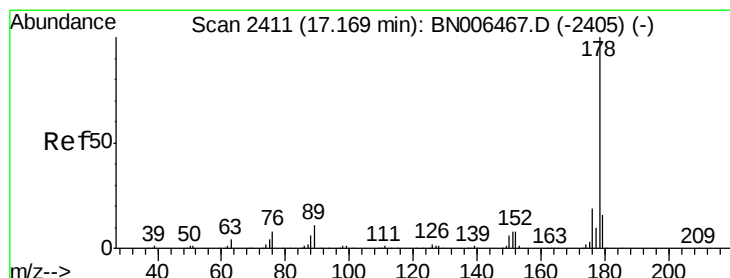
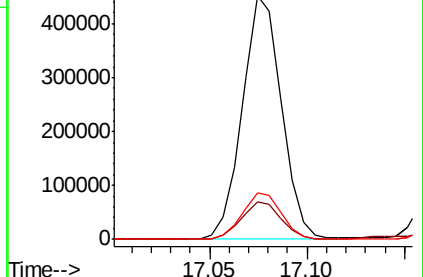
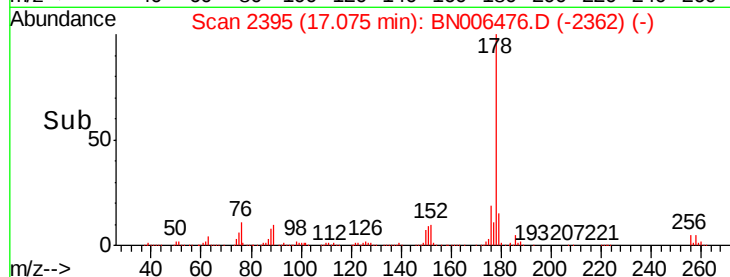
176 19.2 15.3 22.9



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: 2.113 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BN006476.D

Acq: 21 Jun 2019 21:41

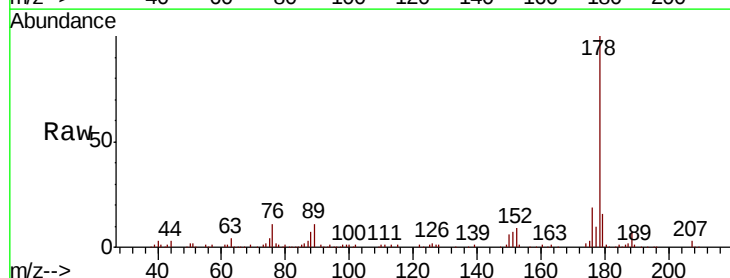
Tgt Ion:178 Resp: 155923

Ion Ratio Lower Upper

178 100

179 16.4 12.3 18.5

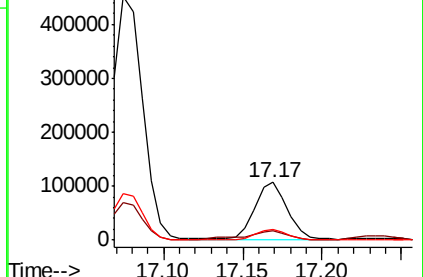
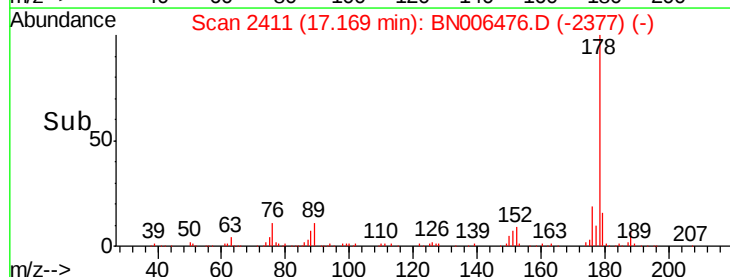
176 19.2 14.7 22.1

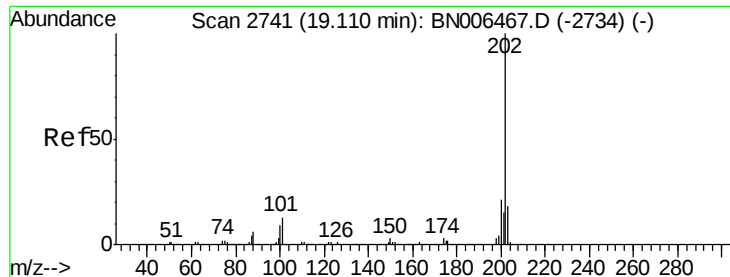


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 17.835 ng/ul

RT: 19.10 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BN006476.D

Acq: 21 Jun 2019 21:41

Instrument :

BNA_N

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A4235

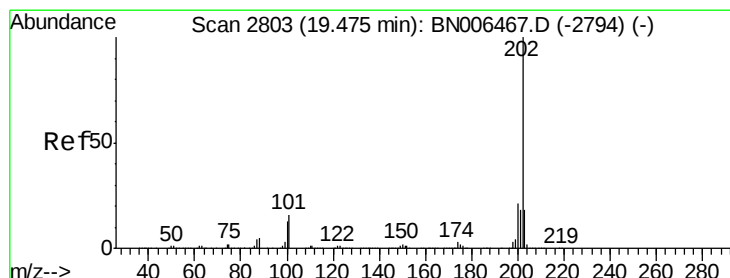
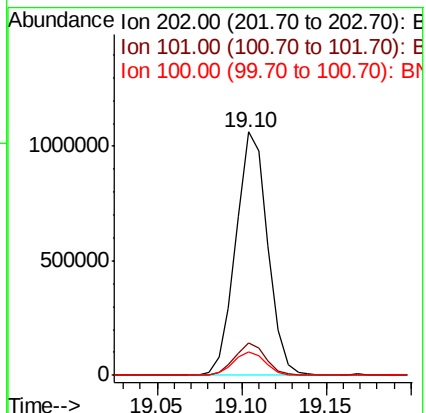
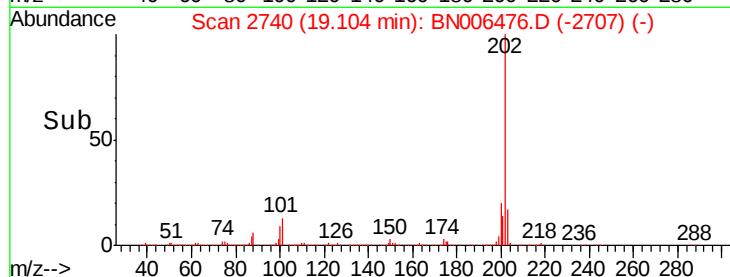
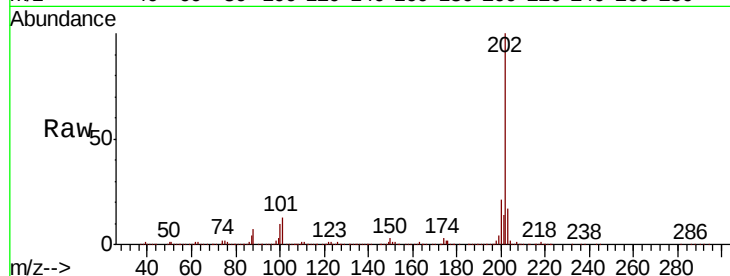
Tgt Ion:202 Resp: 1397220

Ion Ratio Lower Upper

202 100

101 13.2 10.5 15.7

100 9.5 7.6 11.4



#79

Pyrene

Concen: 16.145 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BN006476.D

Acq: 21 Jun 2019 21:41

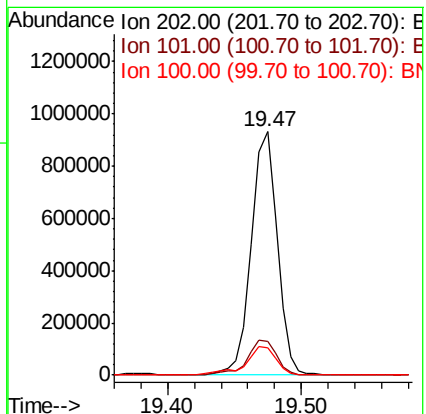
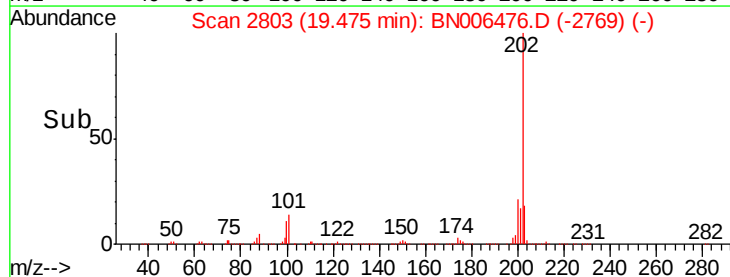
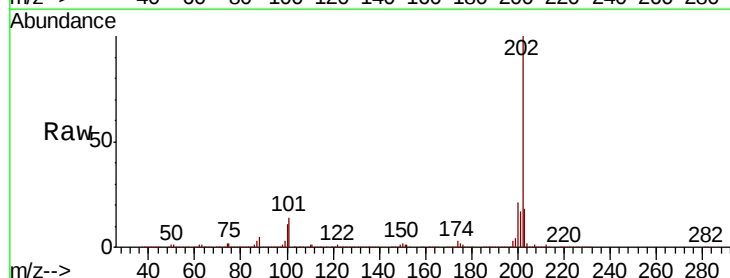
Tgt Ion:202 Resp: 1241899

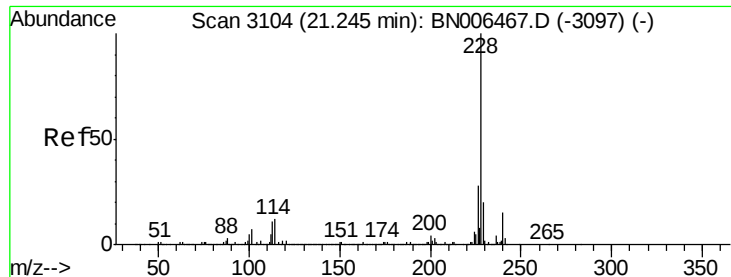
Ion Ratio Lower Upper

202 100

101 14.1 12.2 18.4

100 11.4 9.8 14.6

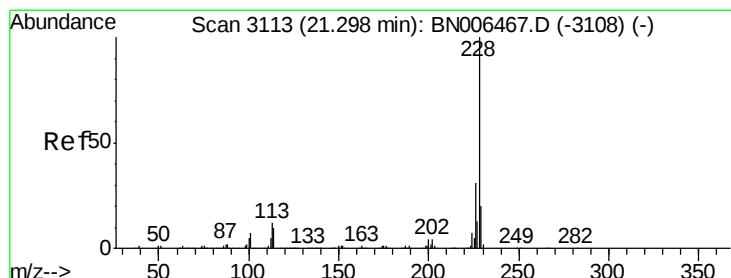
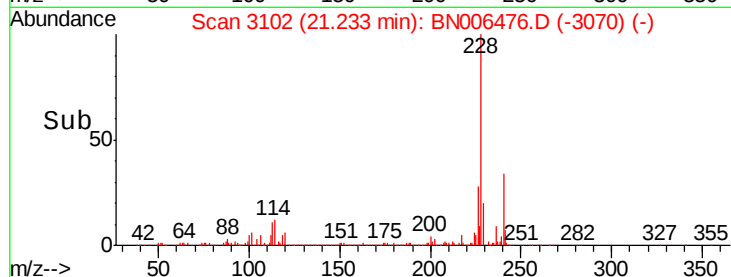
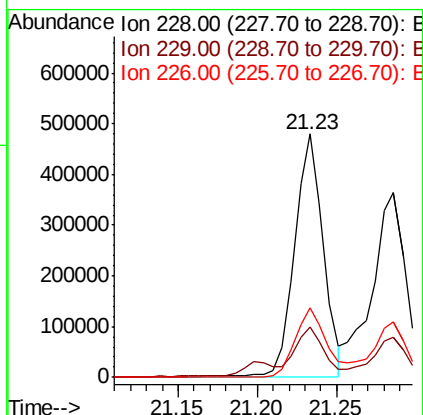
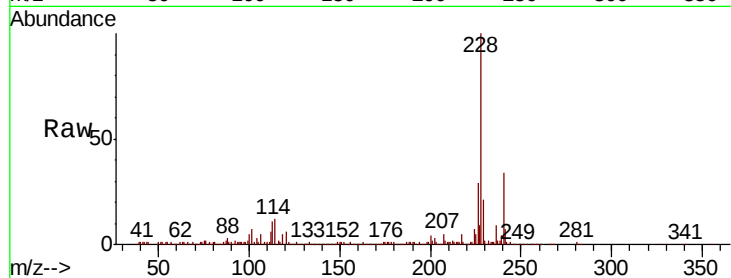




#82
Benzo(a)anthracene
Concen: 7.698 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN006476.D
Acq: 21 Jun 2019 21:41

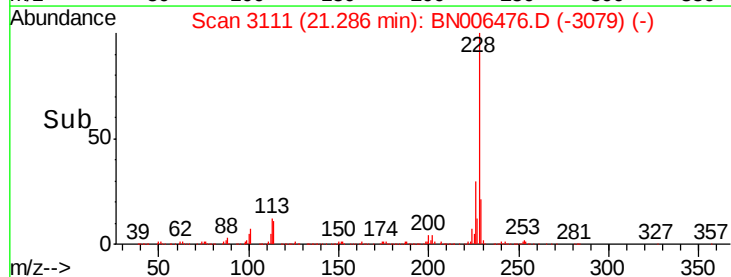
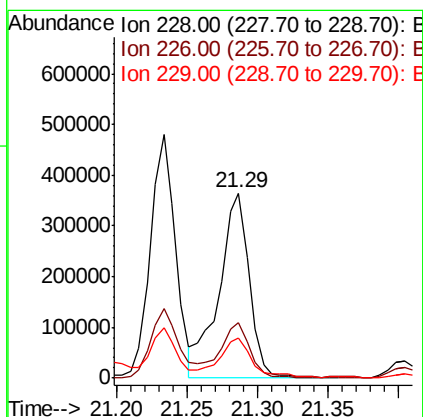
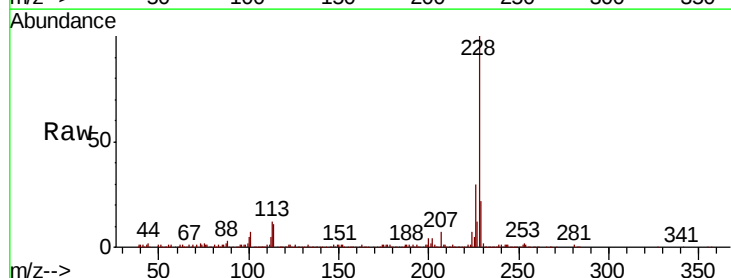
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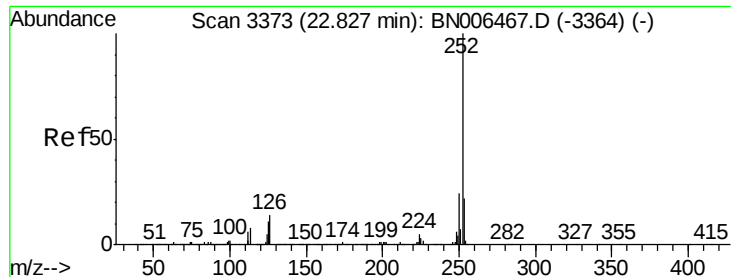
Tgt Ion:228 Resp: 594482
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.7 21.5 32.3



#84
Chrysene
Concen: 7.381 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BN006476.D
Acq: 21 Jun 2019 21:41

Tgt Ion:228 Resp: 542452
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 21.5 15.9 23.9





#87

Benzo(b)fluoranthene

Concen: 9.321 ng/u1

RT: 22.81 min Scan# 3370

Delta R.T. -0.02 min

Lab File: BN006476.D

Acq: 21 Jun 2019 21:41

Instrument :

BNA_N

ClientSampleId :

A4235

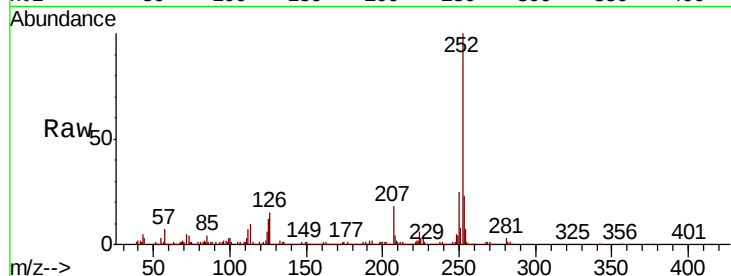
Tgt Ion:252 Resp: 583425

Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

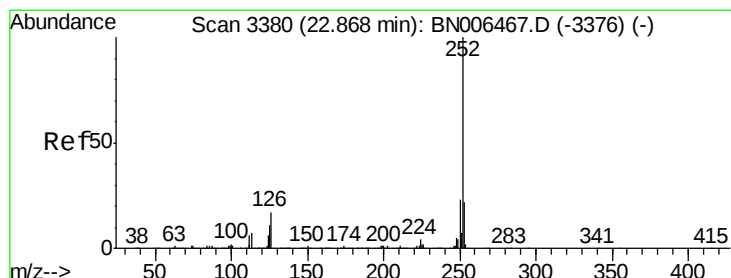
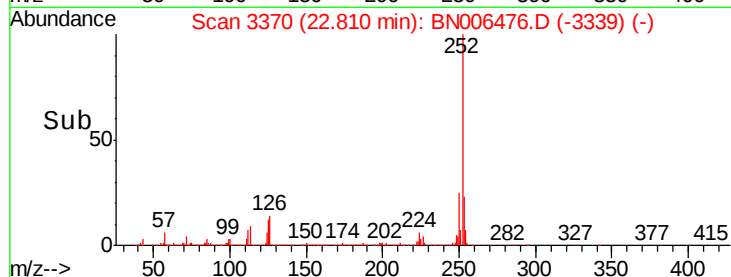
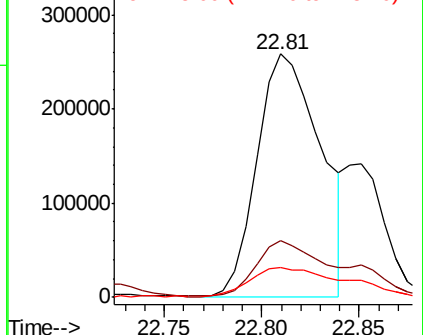
125 12.1 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 9.752 ng/u1

RT: 22.81 min Scan# 3370

Delta R.T. -0.06 min

Lab File: BN006476.D

Acq: 21 Jun 2019 21:41

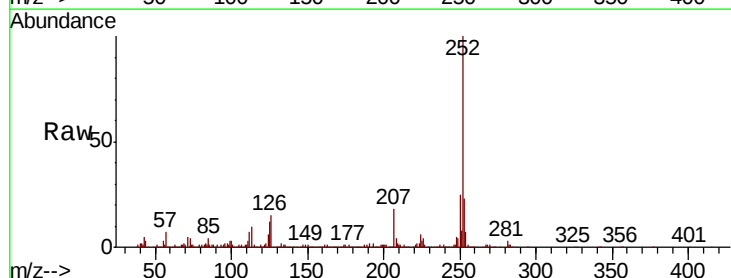
Tgt Ion:252 Resp: 583425

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

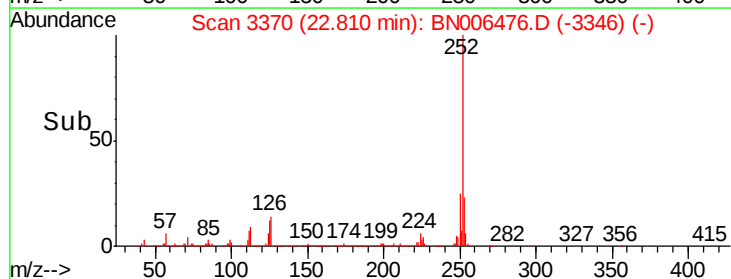
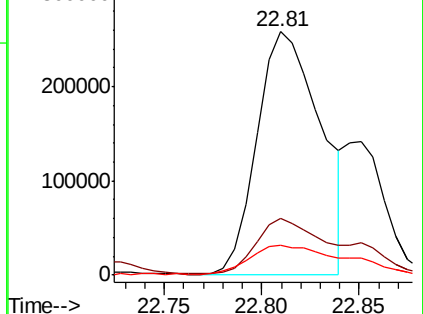
125 12.1 9.1 13.7

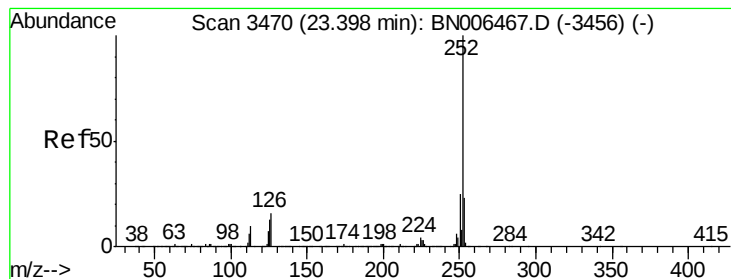


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 6.684 ng/ul

RT: 23.38 min Scan# 3467

Delta R.T. -0.02 min

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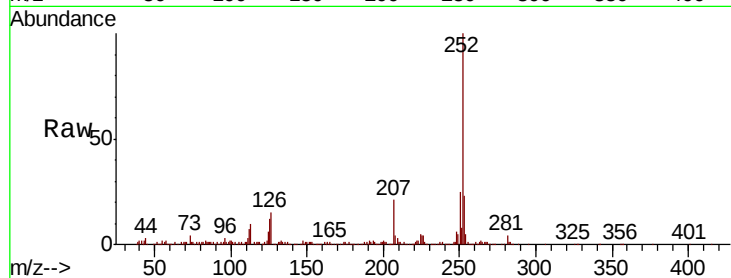
Tgt Ion:252 Resp: 401181

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

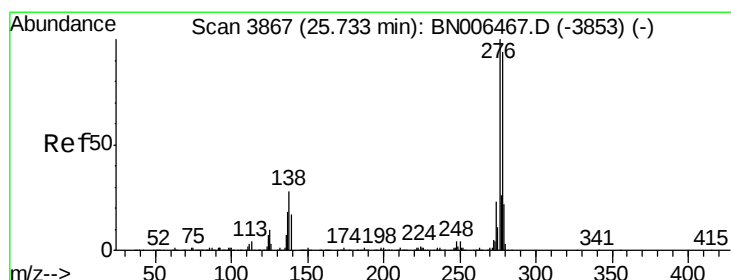
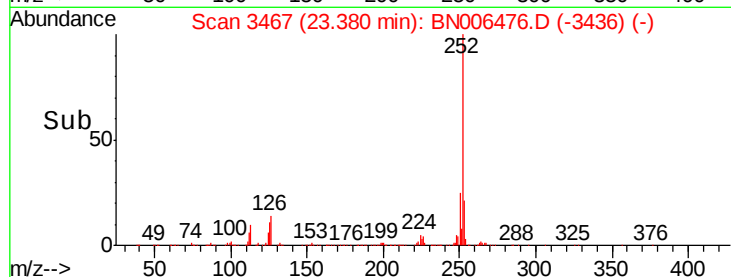
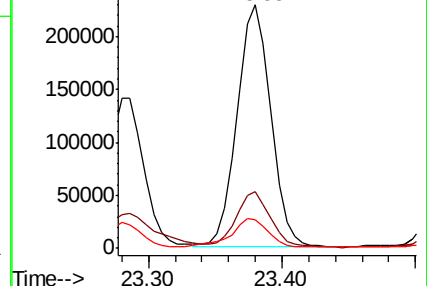
125 11.7 10.0 15.0



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: 3.281 ng/ul

RT: 25.71 min Scan# 3863

Delta R.T. -0.02 min

Lab File: BN006476.D

Acq: 21 Jun 2019 21:41

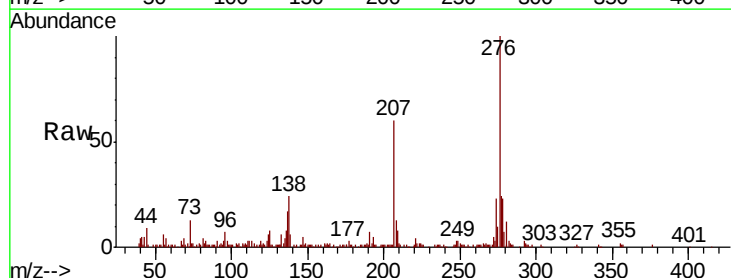
Tgt Ion:276 Resp: 233042

Ion Ratio Lower Upper

276 100

138 30.1 22.2 33.4

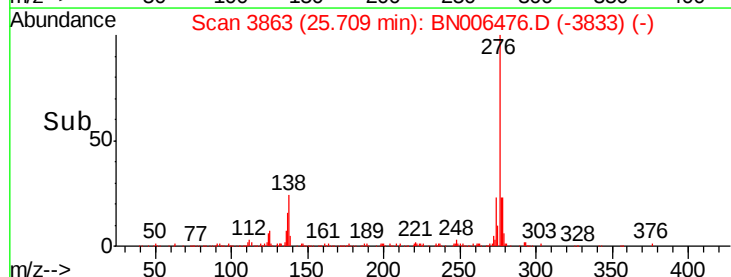
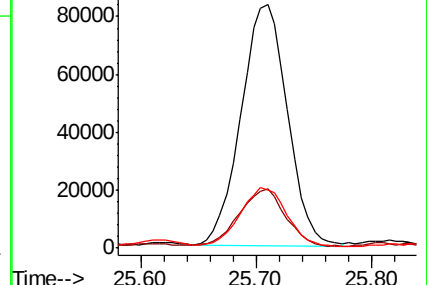
277 23.9 20.2 30.4

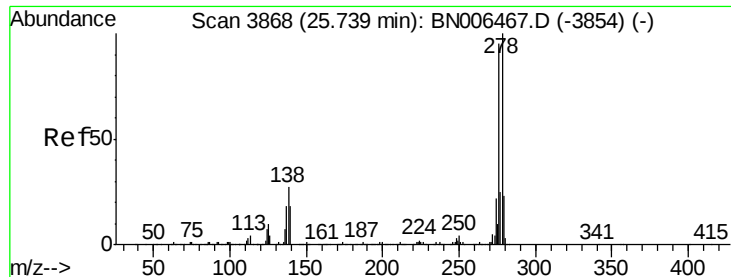


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 1.036 ng/ul

RT: 25.71 min Scan# 3863

Delta R.T. -0.03 min

Lab File: BN006476.D

Acq: 21 Jun 2019 21:41

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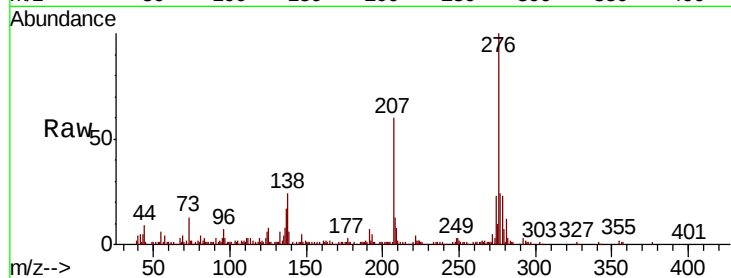
Tgt Ion:278 Resp: 60925

Ion Ratio Lower Upper

278 100

139 25.6 14.2 21.4#

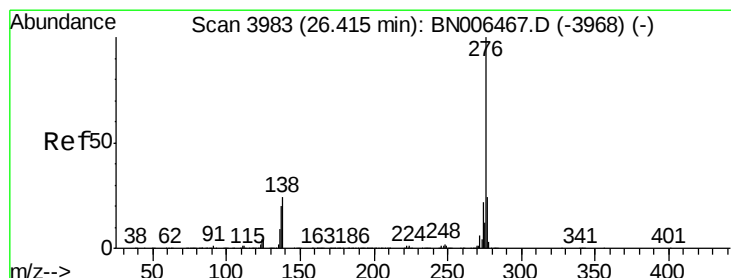
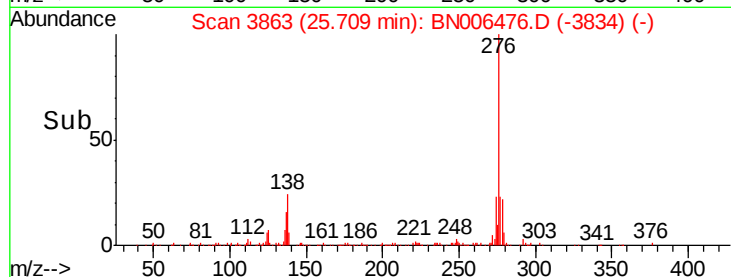
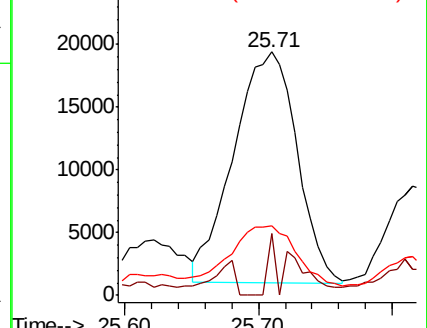
279 28.3 18.8 28.2#



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: 3.199 ng/ul

RT: 26.39 min Scan# 3979

Delta R.T. -0.02 min

Lab File: BN006476.D

Acq: 21 Jun 2019 21:41

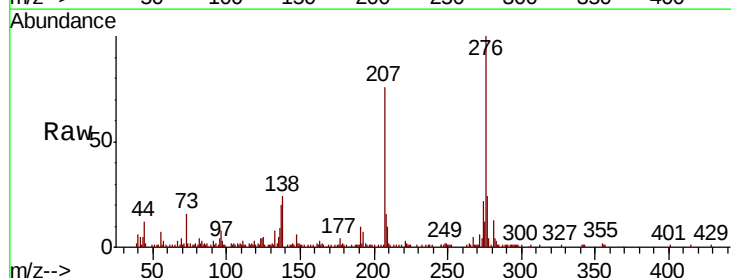
Tgt Ion:276 Resp: 191364

Ion Ratio Lower Upper

276 100

138 23.5 19.1 28.7

277 23.8 19.4 29.0



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

