

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020481.D
 Acq On : 22 May 2019 04:05
 Operator : JU/SJ
 Sample : K2923-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4254

Quant Time: May 22 06:44:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 06:40:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	58332	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	215268	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	130520	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	330988	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	393384	20.00	ng/ul	0.00
85) Perylene-d12	23.62	264	468277	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	8036	5.08	ng/uL	0.00
5) Phenol-d5	6.89	99	118314	25.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	73744	24.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	94078	27.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	82816	24.44	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	38461	27.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	43412	28.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	88861	27.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	53122	15.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	267566	28.49	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	343907	29.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	17481	12.82	ng/ul	0.00
57) Fluorene-d10	15.37	176	253735	30.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	29006	15.39	ng/ul	0.00
70) Anthracene-d10	17.22	188	410707	28.93	ng/ul	0.00
78) Pyrene-d10	19.52	212	522525	27.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	601399	28.26	ng/ul	0.03

Target Compounds

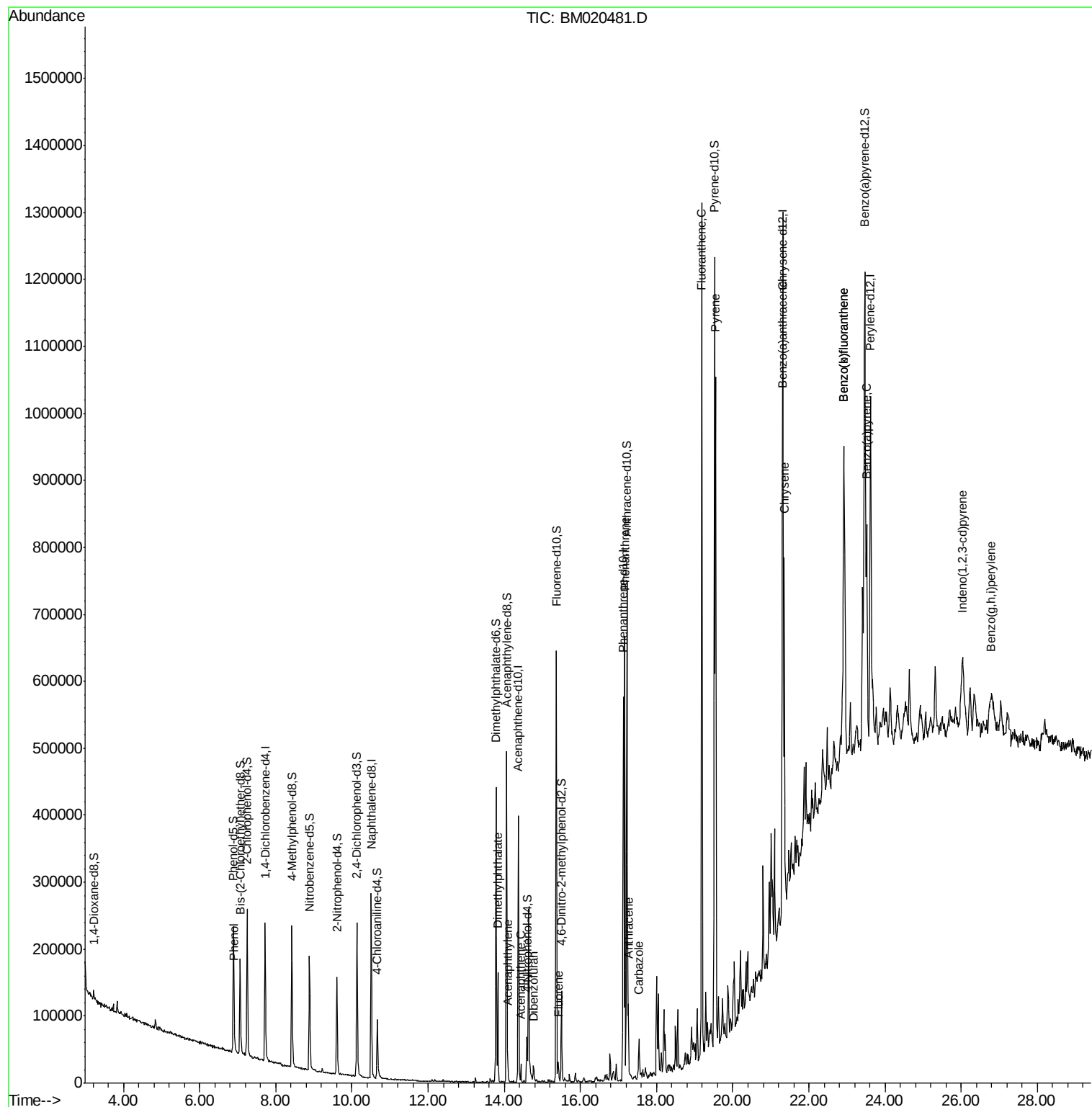
					Qvalue	
6) Phenol	6.91	94	6156	1.258	ng/ul#	80
44) Dimethylphthalate	13.83	163	98328	10.585	ng/ul	99
47) Acenaphthylene	14.09	152	15165	1.369	ng/ul	98
49) Acenaphthene	14.43	153	10089	1.325	ng/ul	95
53) Dibenzofuran	14.77	168	11746	1.019	ng/ul#	87
58) Fluorene	15.42	166	13145	1.423	ng/ul	90
69) Phenanthrene	17.16	178	402181	25.502	ng/ul	98
71) Anthracene	17.26	178	65065	4.056	ng/ul	98
74) Carbazole	17.53	167	39211	2.880	ng/ul	96
76) Fluoranthene	19.19	202	756908	37.994	ng/ul	99
79) Pyrene	19.55	202	613739	25.993	ng/ul	99
82) Benzo(a)anthracene	21.30	228	311741	13.166	ng/ul	98
84) Chrysene	21.36	228	324627	14.347	ng/ul	95
87) Benzo(b)fluoranthene	22.92	252	476805	17.841	ng/ul	98
88) Benzo(k)fluoranthene	22.92	252	476805	18.163	ng/ul	100
90) Benzo(a)pyrene	23.52	252	291080	11.573	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.03	276	209995	7.327	ng/ul	95
93) Benzo(g,h,i)perylene	26.79	276	87811	3.701	ng/ul	94

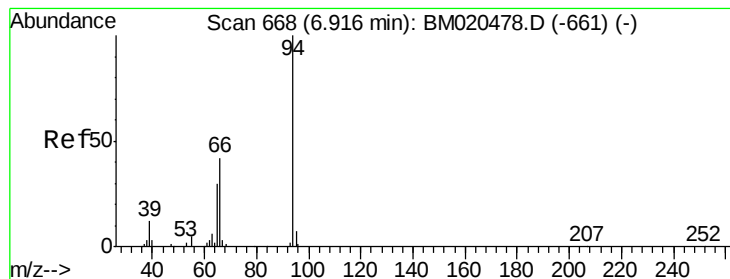
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020481.D
Acq On : 22 May 2019 04:05
Operator : JU/SJ
Sample : K2923-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4254

Quant Time: May 22 06:44:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 06:40:26 2019
Response via : Initial Calibration





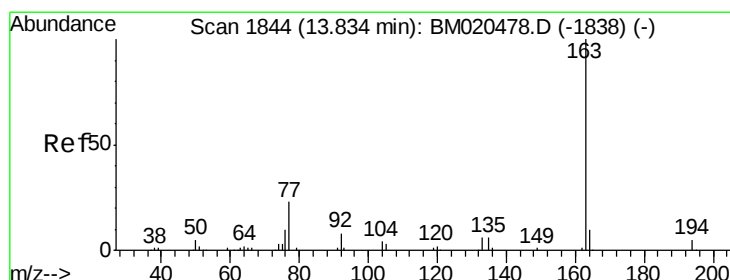
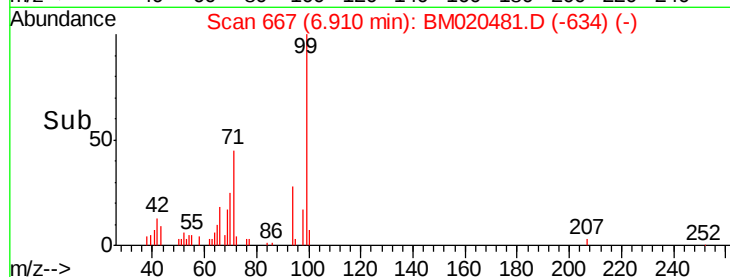
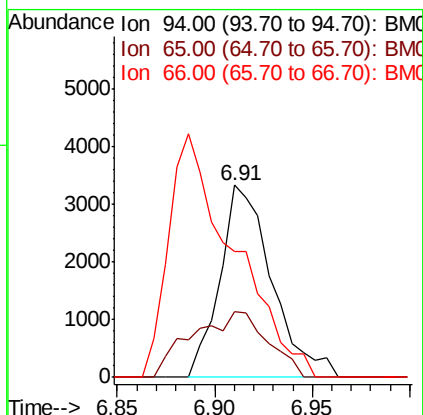
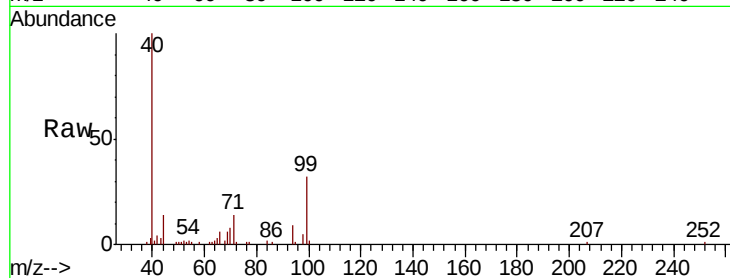
#6

Phenol

Concen: 1.258 ng/ul
 RT: 6.91 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BM020481.D
 Acq: 22 May 2019 04:05

Instrument :
 BNA_M
 ClientSampled :
 A4254

Tgt Ion: 94 Resp: 6156
 Ion Ratio Lower Upper
 94 100
 65 34.2 25.4 38.0
 66 65.4 36.5 54.7#

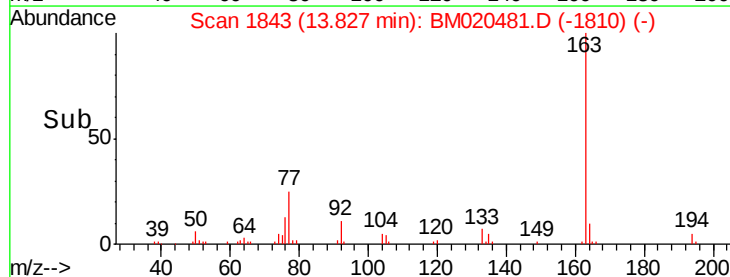
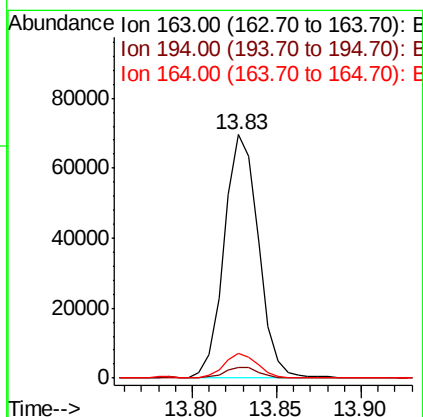
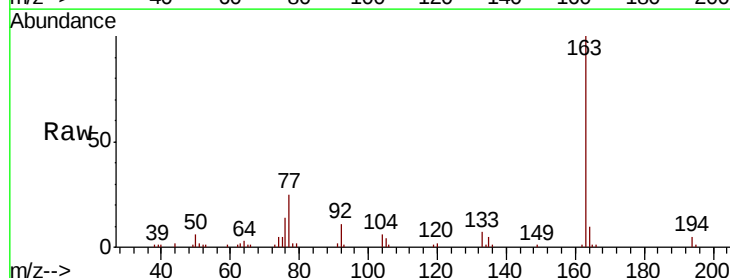


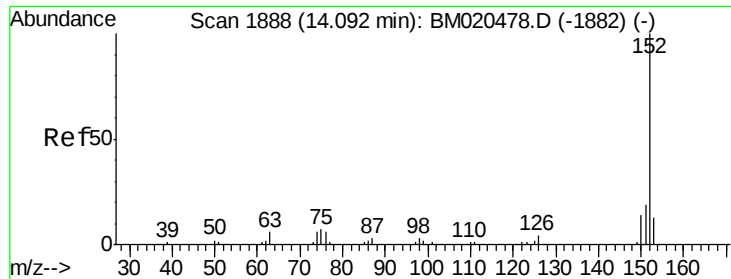
#44

Dimethylphthalate

Concen: 10.585 ng/ul
 RT: 13.83 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BM020481.D
 Acq: 22 May 2019 04:05

Tgt Ion: 163 Resp: 98328
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.3 4.9
 164 10.4 8.0 12.0





#47

Acenaphthylene

Concen: 1.369 ng/ul

RT: 14.09 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BM020481.D

Acq: 22 May 2019 04:05

Instrument :

BNA_M

ClientSampleId :

A4254

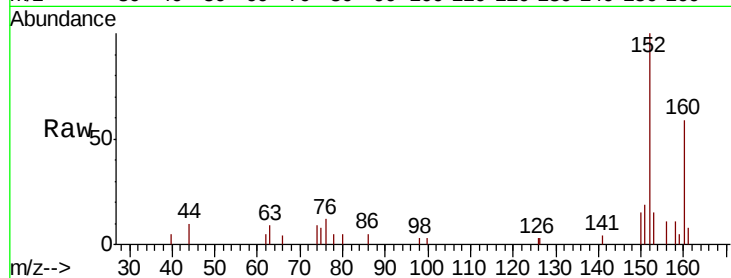
Tgt Ion:152 Resp: 15165

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0

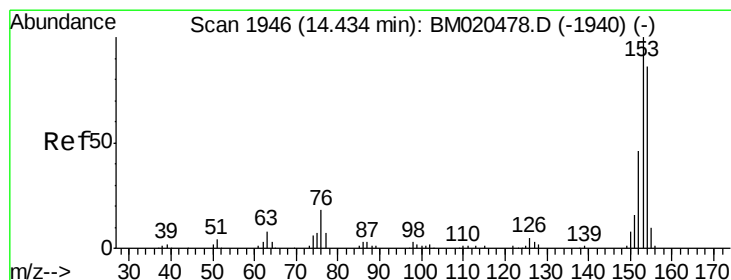
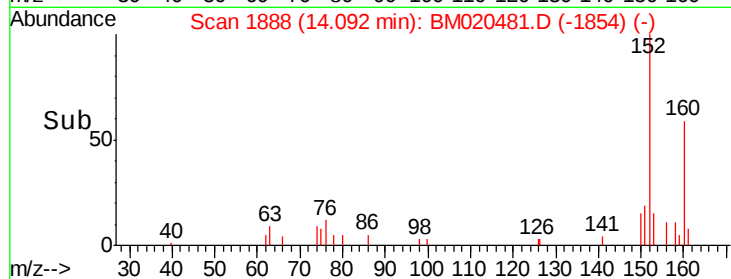
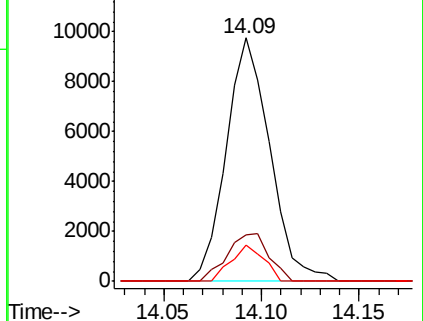
153 14.8 10.3 15.5



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



#49

Acenaphthene

Concen: 1.325 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BM020481.D

Acq: 22 May 2019 04:05

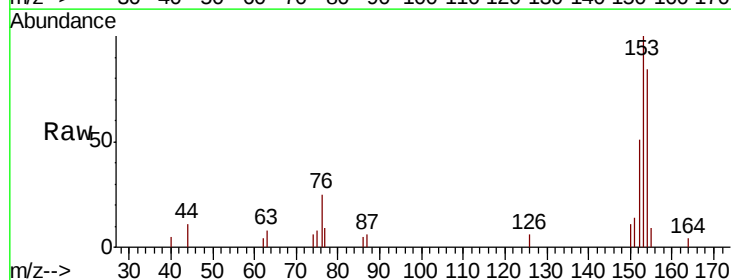
Tgt Ion:153 Resp: 10089

Ion Ratio Lower Upper

153 100

152 50.7 37.9 56.9

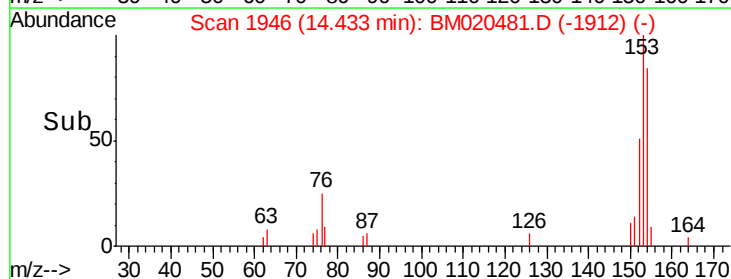
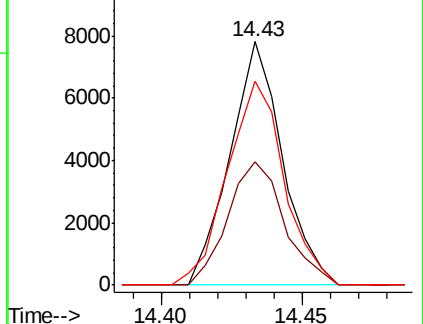
154 84.0 71.2 106.8

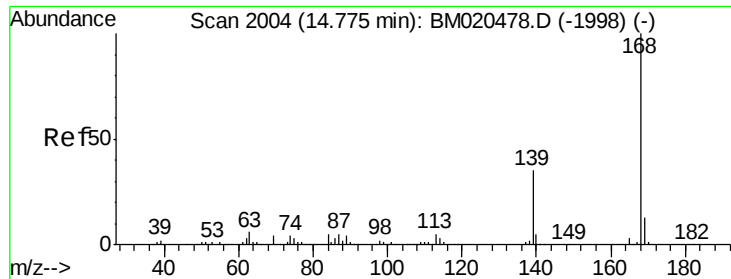


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 1.019 ng/ul

RT: 14.77 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BM020481.D

Acq: 22 May 2019 04:05

Instrument :

BNA_M

ClientSampleId :

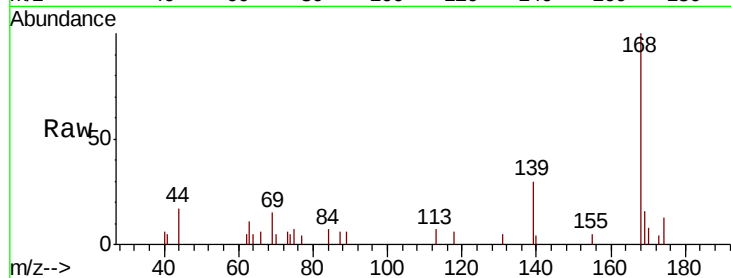
A4254

Tgt Ion:168 Resp: 11746

Ion Ratio Lower Upper

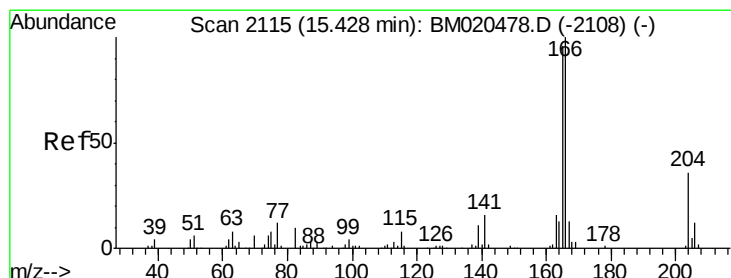
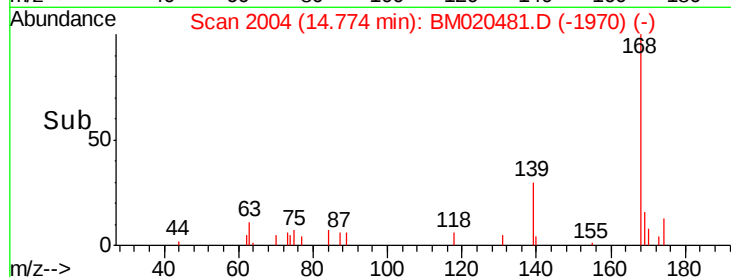
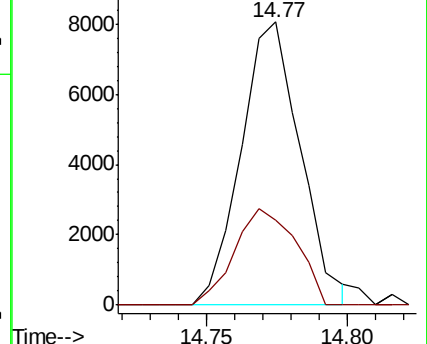
168 100

139 30.0 30.1 45.1#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 1.423 ng/ul

RT: 15.42 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BM020481.D

Acq: 22 May 2019 04:05

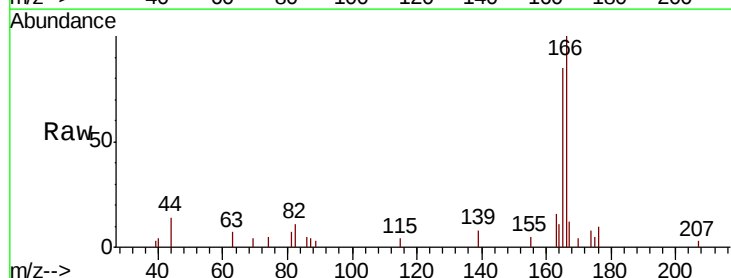
Tgt Ion:166 Resp: 13145

Ion Ratio Lower Upper

166 100

165 85.4 77.1 115.7

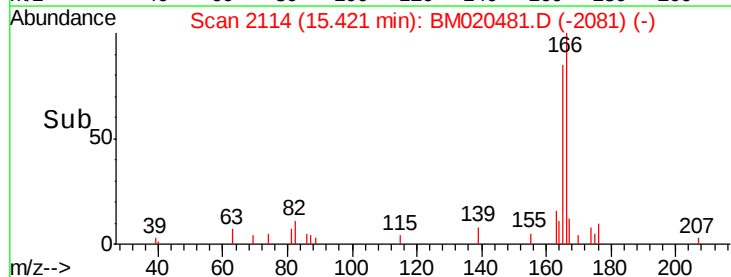
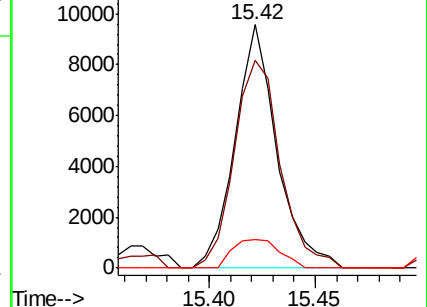
167 11.9 11.1 16.7

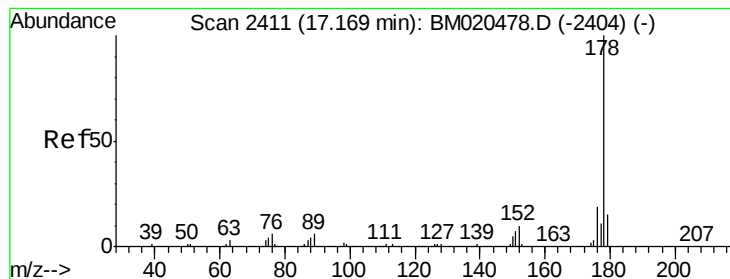


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 25.502 ng/ul

RT: 17.16 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BM020481.D

Acq: 22 May 2019 04:05

Instrument :

BNA_M

ClientSampleId :

A4254

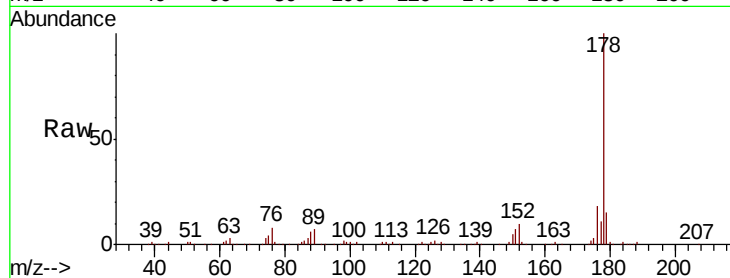
Tgt Ion:178 Resp: 402181

Ion Ratio Lower Upper

178 100

179 15.5 11.9 17.9

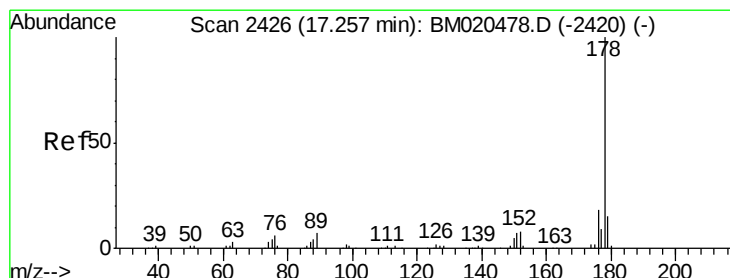
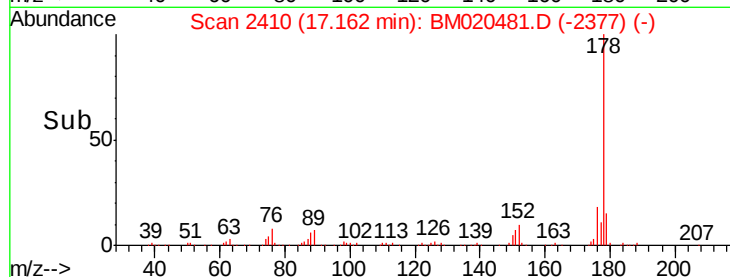
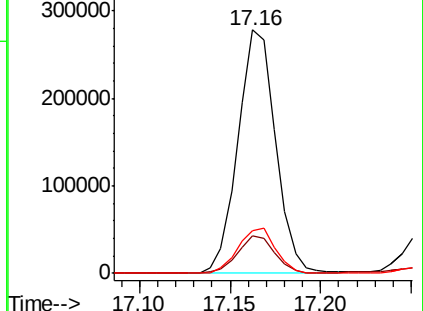
176 17.6 14.6 22.0



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: 4.056 ng/ul

RT: 17.26 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BM020481.D

Acq: 22 May 2019 04:05

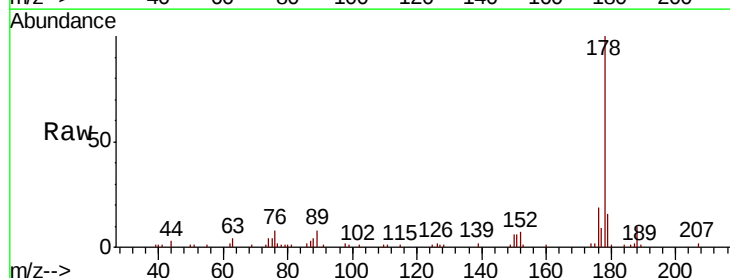
Tgt Ion:178 Resp: 65065

Ion Ratio Lower Upper

178 100

179 16.3 12.4 18.6

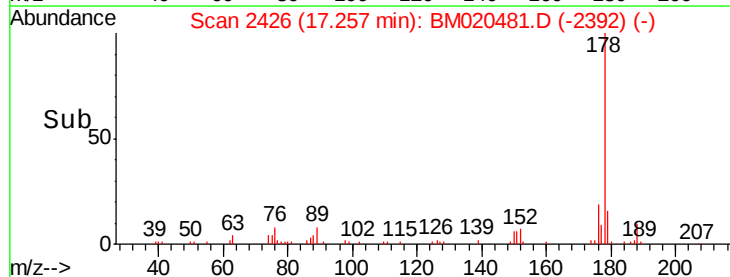
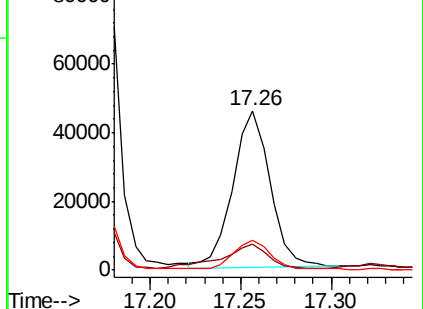
176 18.9 14.4 21.6

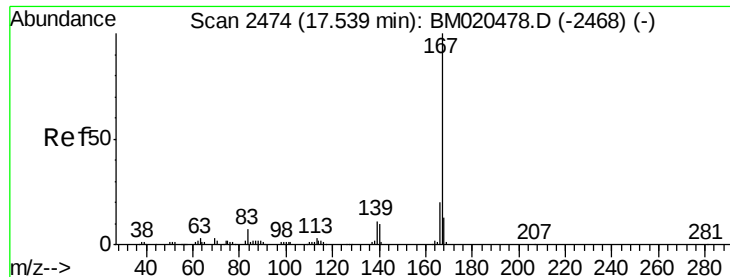


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 2.880 ng/ul

RT: 17.53 min Scan# 2473

Delta R.T. -0.01 min

Lab File: BM020481.D

Acq: 22 May 2019 04:05

Instrument :

BNA_M

ClientSampleId :

A4254

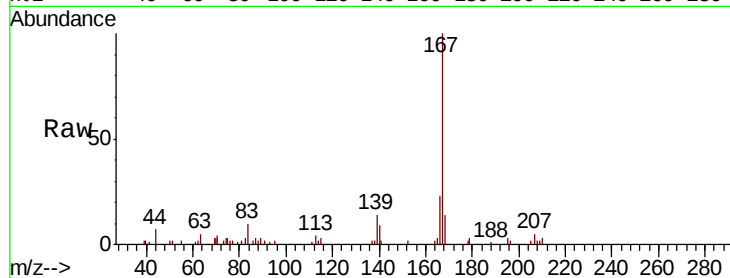
Tgt Ion:167 Resp: 39211

Ion Ratio Lower Upper

167 100

166 22.8 16.6 24.8

139 13.9 9.8 14.8

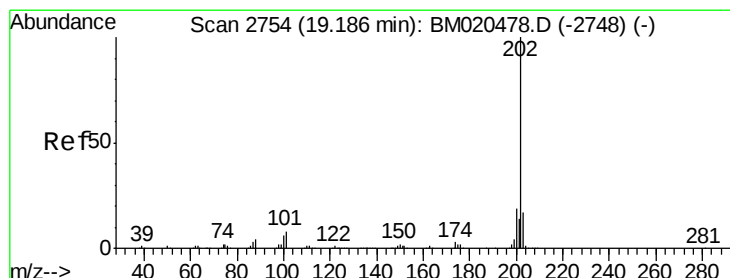
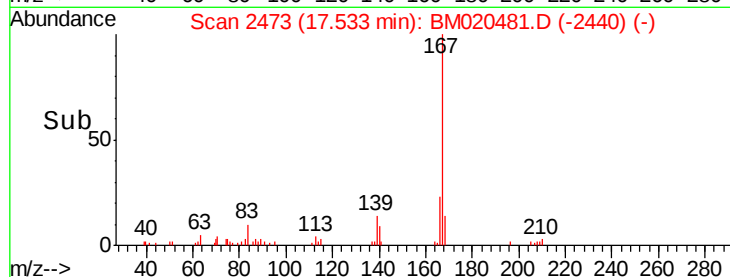
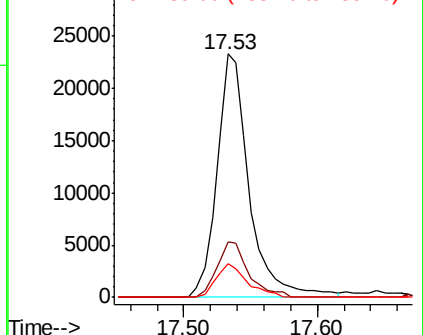


Abundance

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



#76

Fluoranthene

Concen: 37.994 ng/ul

RT: 19.19 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BM020481.D

Acq: 22 May 2019 04:05

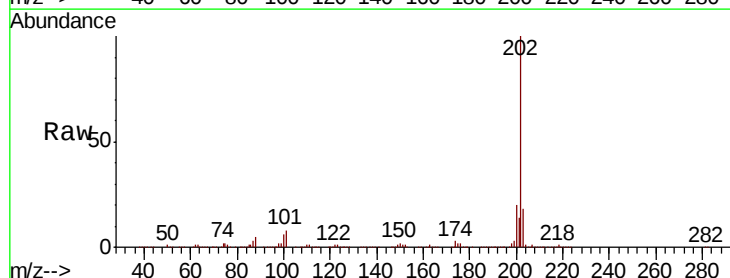
Tgt Ion:202 Resp: 756908

Ion Ratio Lower Upper

202 100

101 7.5 6.4 9.6

100 5.9 5.2 7.8

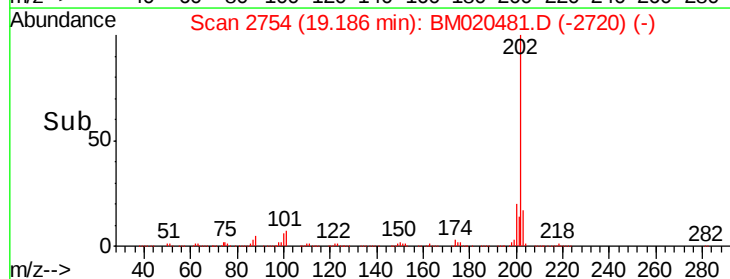
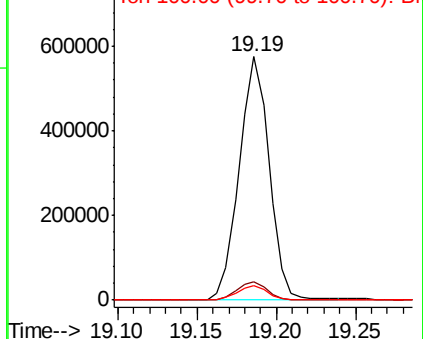


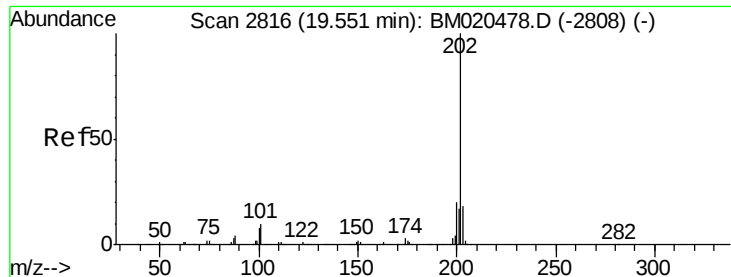
Abundance

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): E

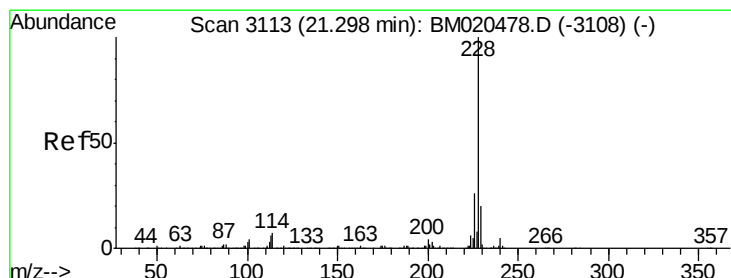
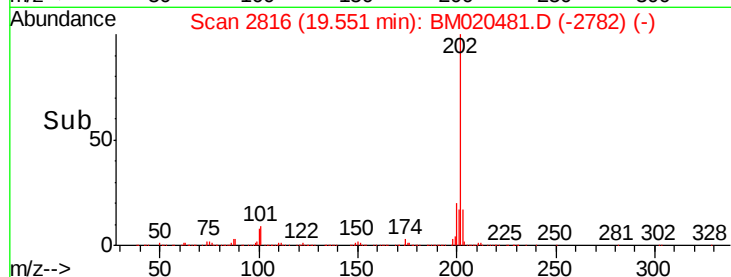
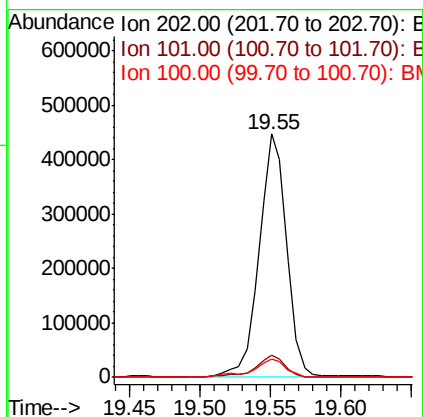
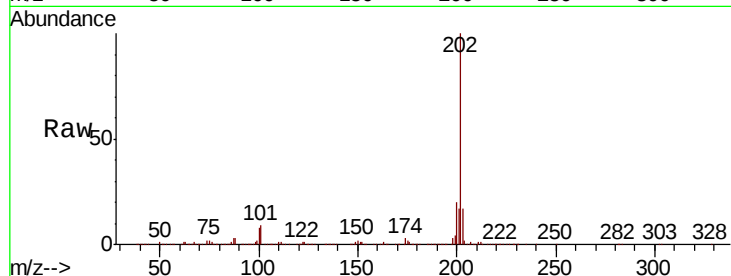




#79
 Pyrene
 Concen: 25.993 ng/ul
 RT: 19.55 min Scan# 2816
 Delta R.T. -0.00 min
 Lab File: BM020481.D
 Acq: 22 May 2019 04:05

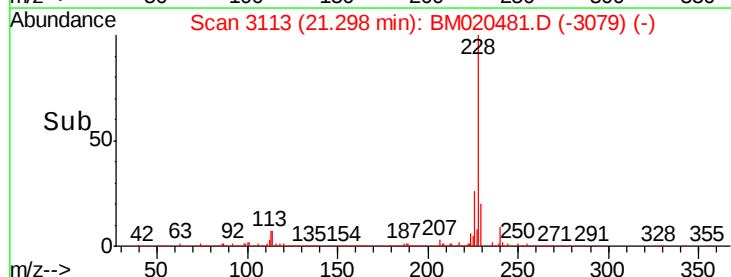
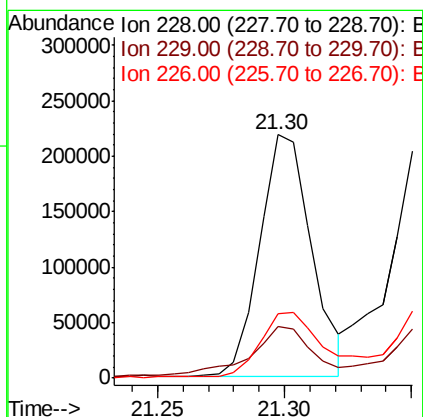
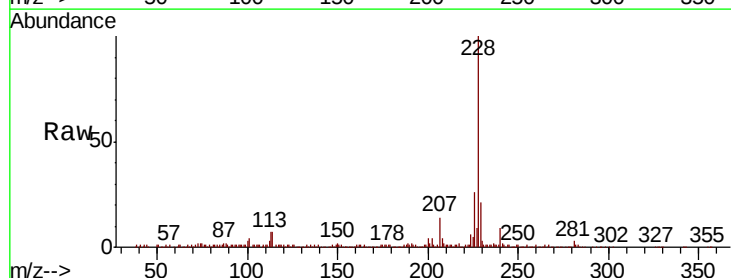
Instrument :
 BNA_M
 ClientSampleId :
 A4254

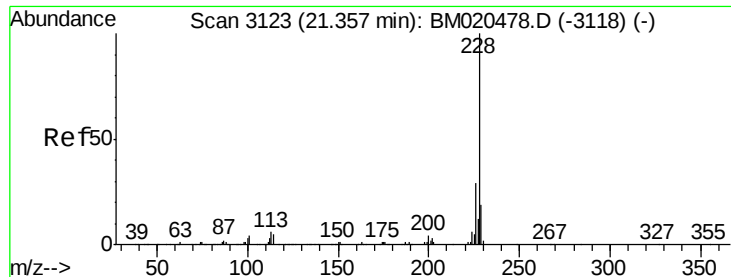
Tgt Ion:	202	Resp:	613739
Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.1	10.7
100	7.7	5.9	8.9



#82
 Benzo(a)anthracene
 Concen: 13.166 ng/ul
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BM020481.D
 Acq: 22 May 2019 04:05

Tgt Ion:	228	Resp:	311741
Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	26.4	20.6	30.8





#84

Chrysene

Concen: 14.347 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BM020481.D

Acq: 22 May 2019 04:05

Instrument :

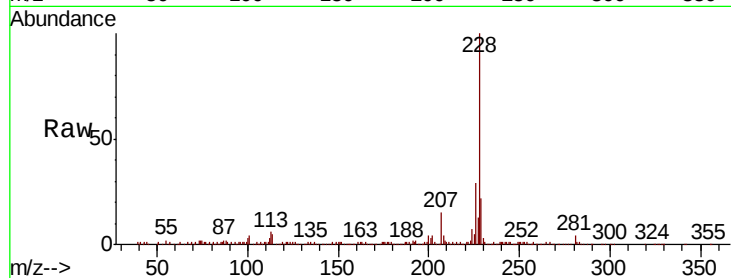
BNA_M

ClientSampleId :

A4254

Tgt Ion:228 Resp: 324627

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.2	33.4
229	22.3	15.4	23.2

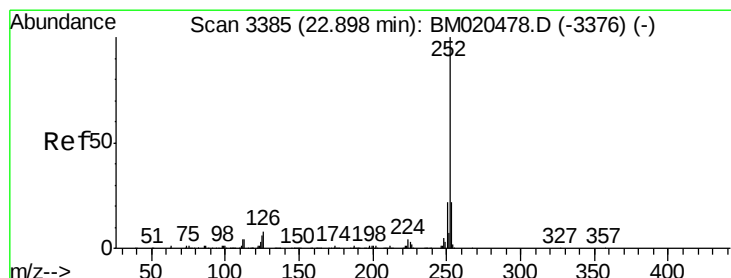
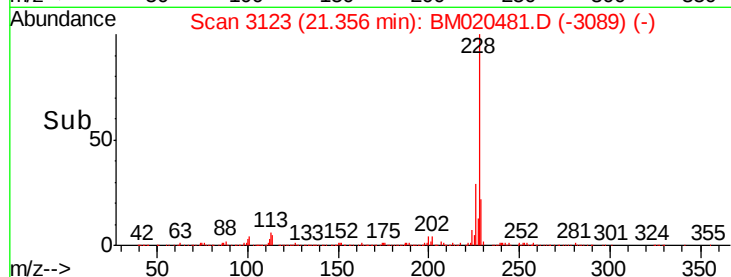
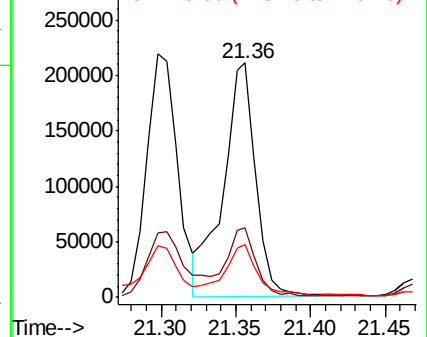


Abundance

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: 17.841 ng/ul

RT: 22.92 min Scan# 3388

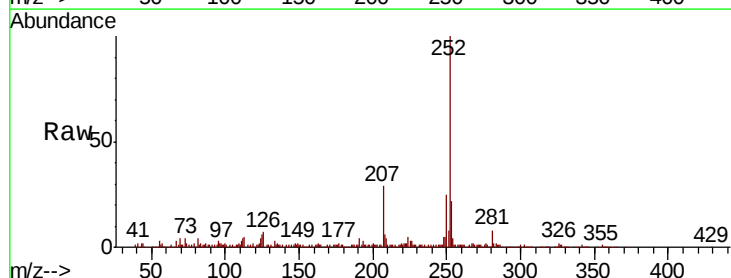
Delta R.T. 0.02 min

Lab File: BM020481.D

Acq: 22 May 2019 04:05

Tgt Ion:252 Resp: 476805

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	6.5	5.0	7.4

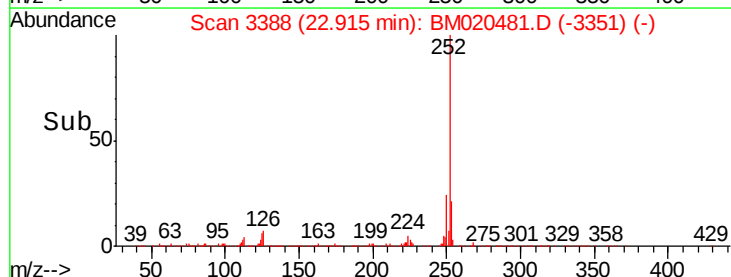
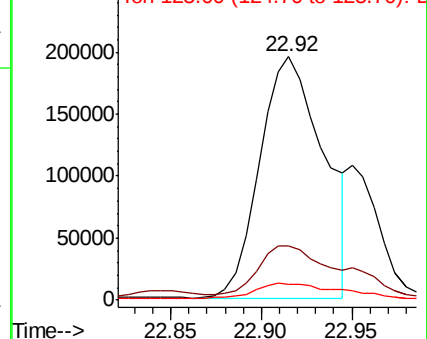


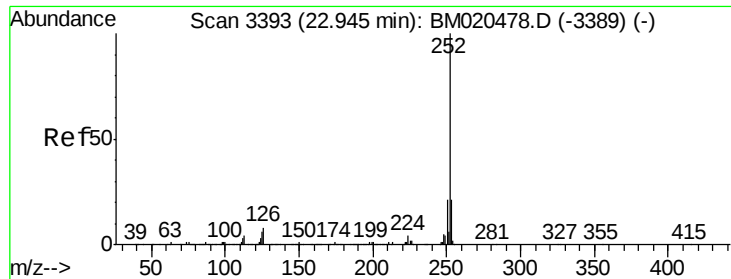
Abundance

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: 18.163 ng/ul

RT: 22.92 min Scan# 3388

Delta R.T. -0.03 min

Lab File: BM020481.D

Acq: 22 May 2019 04:05

Instrument :

BNA_M

ClientSampled :

A4254

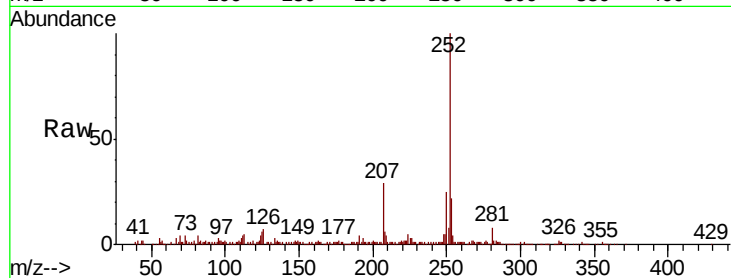
Tgt Ion:252 Resp: 476805

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 6.5 5.0 7.6

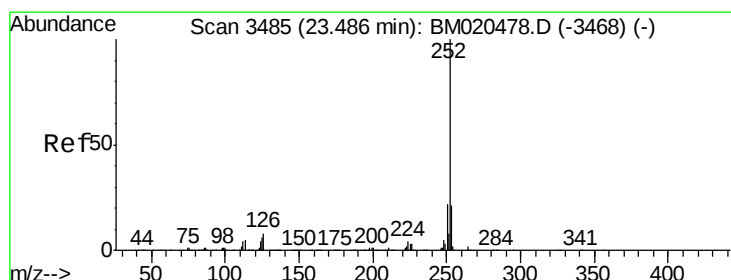
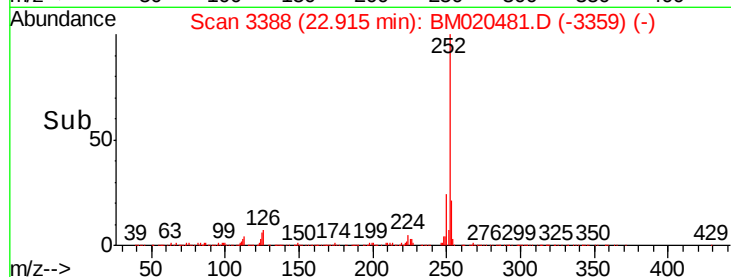
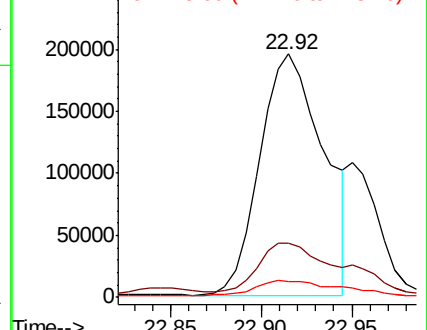


Abundance

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



#90

Benzo(a)pyrene

Concen: 11.573 ng/ul

RT: 23.52 min Scan# 3490

Delta R.T. 0.03 min

Lab File: BM020481.D

Acq: 22 May 2019 04:05

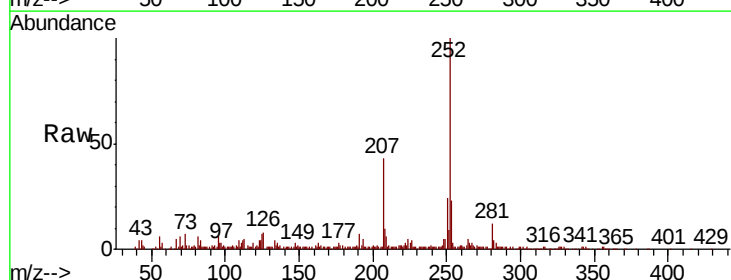
Tgt Ion:252 Resp: 291080

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.2

125 6.8 5.4 8.2

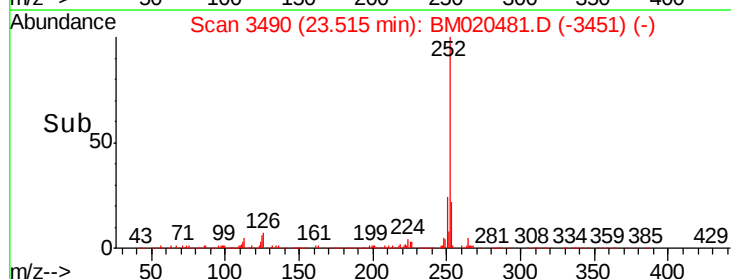
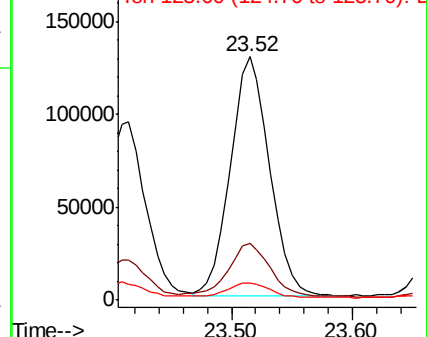


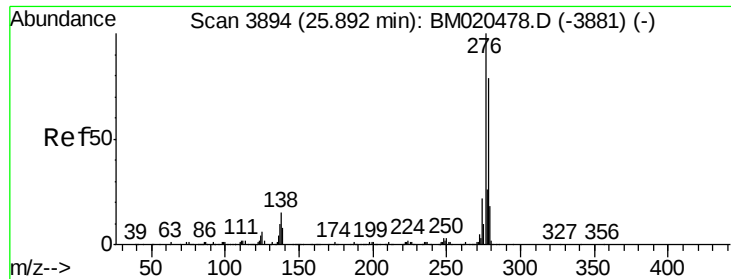
Abundance

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: 7.327 ng/ul

RT: 26.03 min Scan# 3918

Delta R.T. 0.14 min

Lab File: BM020481.D

Acq: 22 May 2019 04:05

Instrument :

BNA_M

ClientSampleId :

A4254

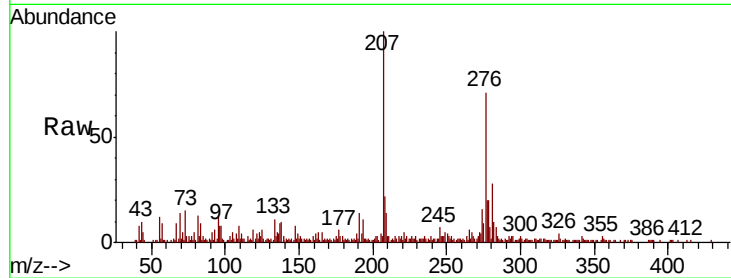
Tgt Ion:276 Resp: 209995

Ion Ratio Lower Upper

276 100

138 13.5 12.3 18.5

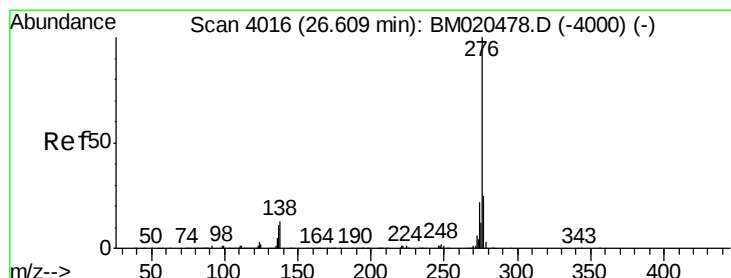
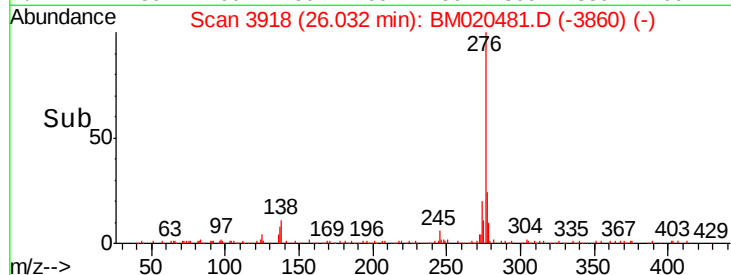
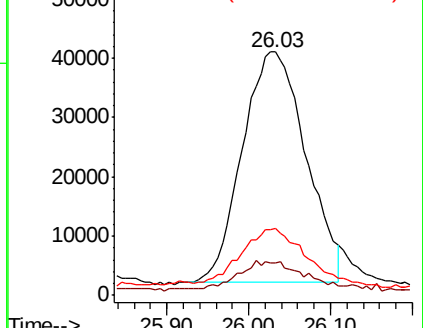
277 27.8 20.0 30.0



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



#93

Benzo(g,h,i)perylene

Concen: 3.701 ng/ul

RT: 26.79 min Scan# 4047

Delta R.T. 0.18 min

Lab File: BM020481.D

Acq: 22 May 2019 04:05

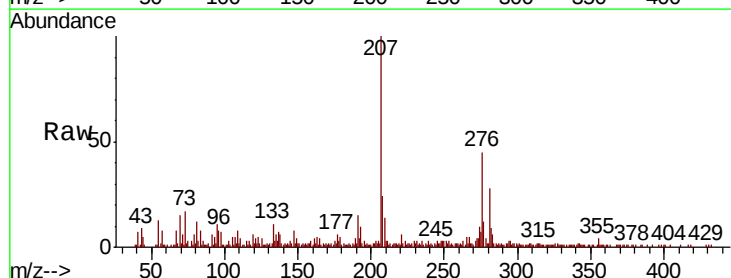
Tgt Ion:276 Resp: 87811

Ion Ratio Lower Upper

276 100

138 13.3 10.0 15.0

277 27.1 18.2 27.4



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

