

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020488.D
 Acq On : 22 May 2019 08:19
 Operator : JU/SJ
 Sample : K2923-11DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4258DL

Quant Time: May 22 12:45:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

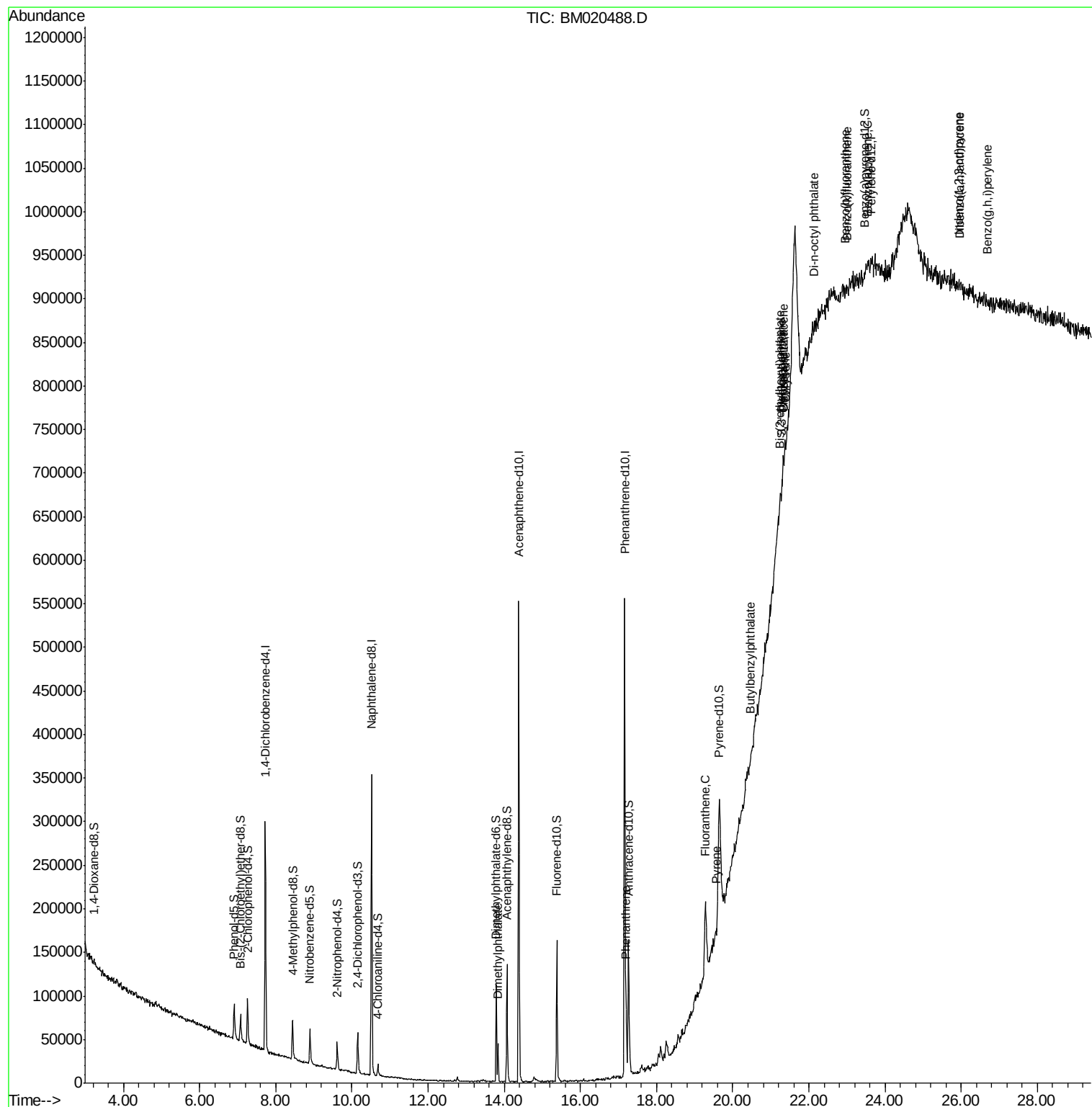
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	78656	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	291105	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	178346	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	441343	20.00	ng/ul	0.03
77) Chrysene-d12	21.35	240	520	20.00	ng/ul	0.02
85) Perylene-d12	23.63	264	260	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	2705	1.27	ng/uL	0.00
5) Phenol-d5	6.90	99	32454	5.17	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	19755	4.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	25888	5.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	21153	4.63	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	10502	5.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	11212	5.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	24399	5.52	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	10814	2.37	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	76157	5.94	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	97627	6.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	950	0.51	ng/ul	0.18
57) Fluorene-d10	15.38	176	71292	6.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.26	188	116094	6.13	ng/ul	0.04
78) Pyrene-d10	19.64	212	142031	5670.53	ng/ul	0.11
89) Benzo(a)pyrene-d12	23.47	264	449	38.00	ng/ul	0.02
Target Compounds						
44) Dimethylphthalate	13.84	163	28775	2.267	ng/ul	98
69) Phenanthrene	17.20	178	51868	2.467	ng/ul	98
76) Fluoranthene	19.29	202	124382	4.682	ng/ul#	95
79) Pyrene	19.57	202	196	6.280	ng/ul#	77
80) Butylbenzylphthalate	20.47	149	319	32.598	ng/ul#	60
81) 3,3'-Dichlorobenzidine	21.29	252	240	25.181	ng/ul#	63
82) Benzo(a)anthracene	21.33	228	312	9.969	ng/ul#	1
83) Bis(2-ethylhexyl)phthalate	21.24	149	648	45.620	ng/ul#	45
84) Chrysene	21.39	228	144	4.814	ng/ul#	1
86) Di-n-octyl phthalate	22.13	149	445	35.243	ng/ul	100
87) Benzo(b)fluoranthene	22.94	252	500	33.695	ng/ul#	1
88) Benzo(k)fluoranthene	22.99	252	51	3.499	ng/ul#	1
90) Benzo(a)pyrene	23.53	252	4183	299.541	ng/ul#	3
91) Indeno(1,2,3-cd)pyrene	25.94	276	216	13.574	ng/ul#	1
92) Dibenzo(a,h)anthracene	25.95	278	307	22.561	ng/ul#	1
93) Benzo(g,h,i)perylene	26.67	276	303	23.004	ng/ul#	1

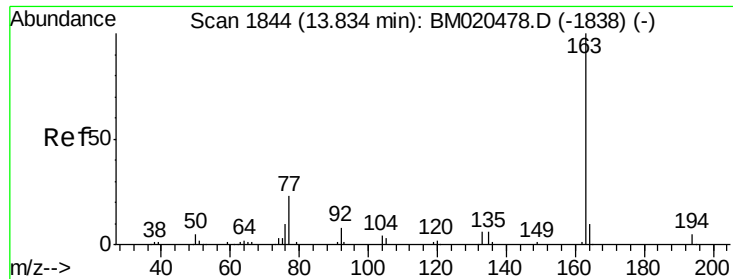
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 2.267 ng/ul

RT: 13.84 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BM020488.D

Acq: 22 May 2019 08:19

Instrument :

BNA_M

ClientSampleId :

A4258DL

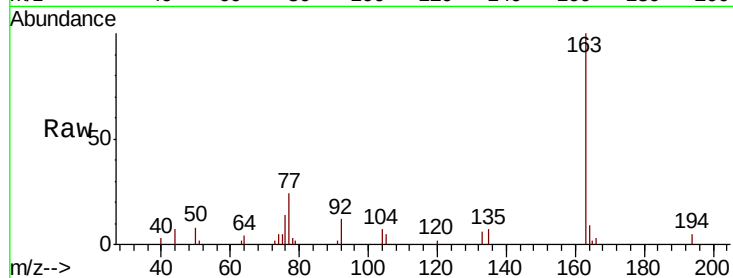
Tot Ion:163 Resp: 28775

Ion Ratio Lower Upper

163 100

194 4.8 3.3 4.9

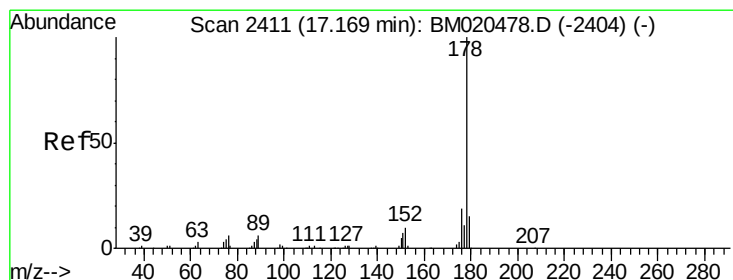
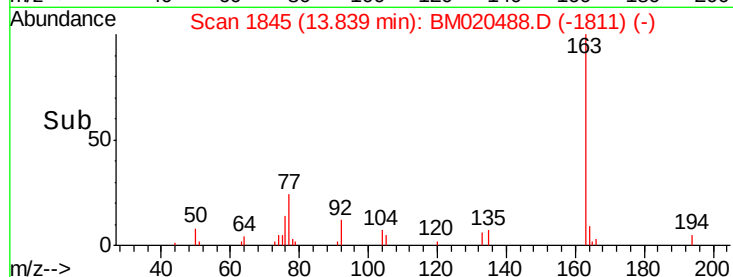
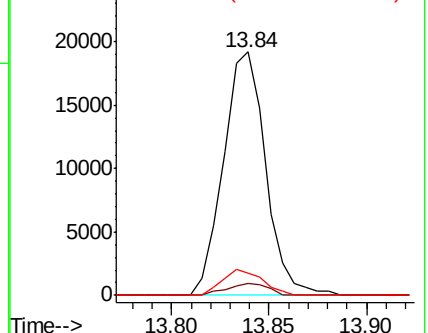
164 9.3 8.0 12.0



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



#69

Phenanthrene

Concen: 2.467 ng/ul

RT: 17.20 min Scan# 2417

Delta R.T. 0.03 min

Lab File: BM020488.D

Acq: 22 May 2019 08:19

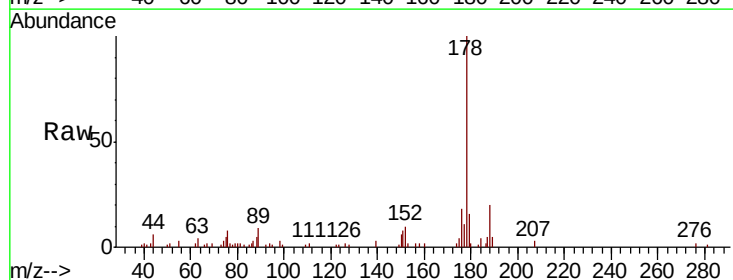
Tgt Ion:178 Resp: 51868

Ion Ratio Lower Upper

178 100

179 15.9 11.9 17.9

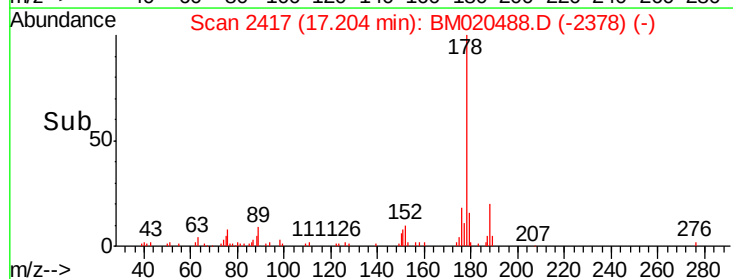
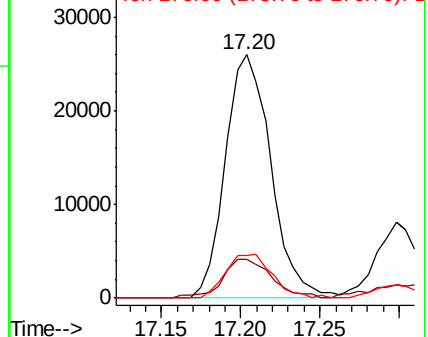
176 17.7 14.6 22.0

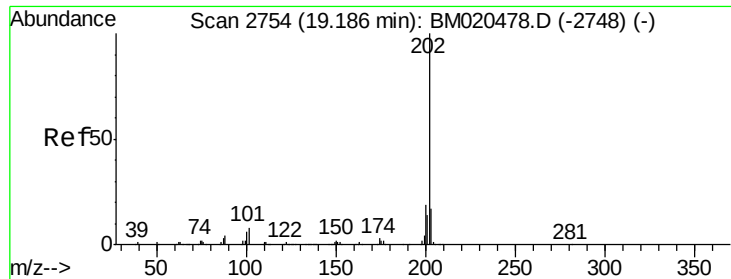


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

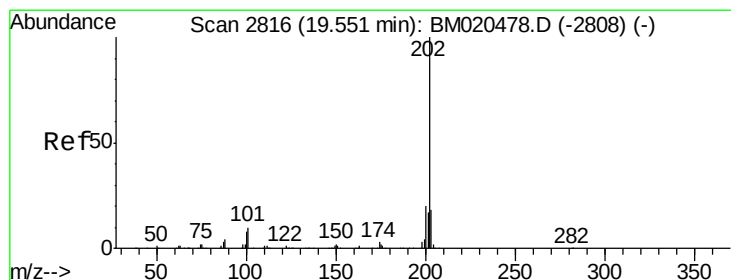
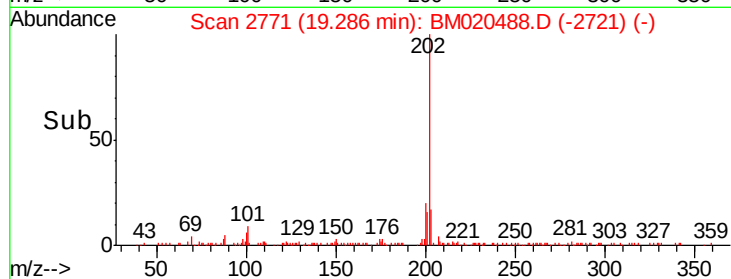
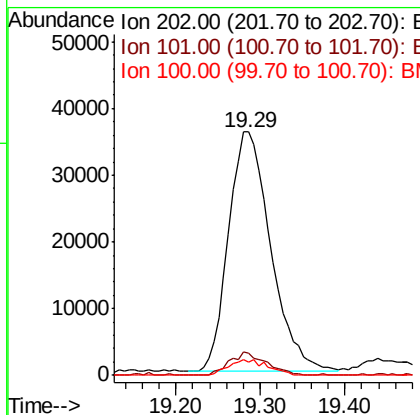
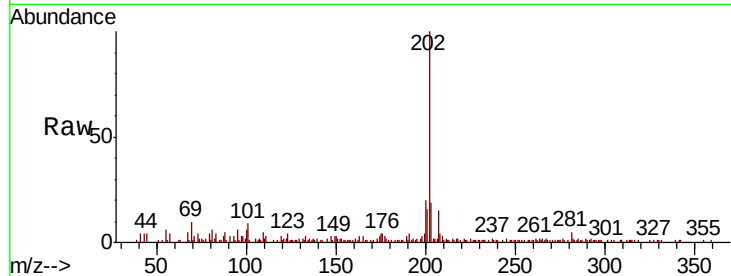




#76
 Fluoranthene
 Concen: 4.682 ng/ul
 RT: 19.29 min Scan# 2771
 Delta R.T. 0.09 min
 Lab File: BM020488.D
 Acq: 22 May 2019 08:19

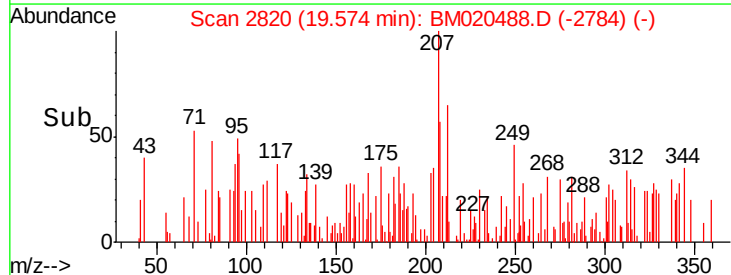
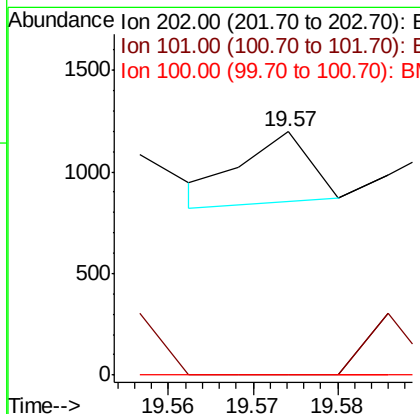
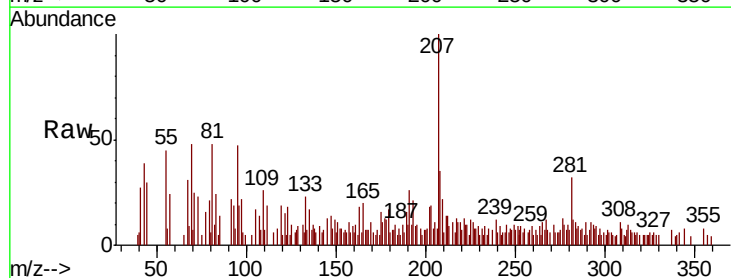
Instrument :
 BNA_M
 ClientSampleId :
 A4258DL

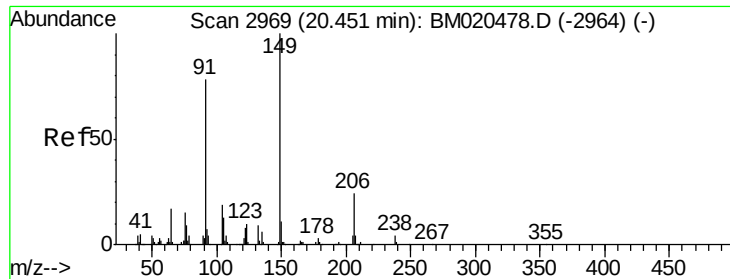
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	6.4	9.6#
100	5.5	5.2	7.8



#79
 Pyrene
 Concen: 6.280 ng/ul
 RT: 19.57 min Scan# 2820
 Delta R.T. 0.01 min
 Lab File: BM020488.D
 Acq: 22 May 2019 08:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	7.1	10.7#
100	0.0	5.9	8.9#

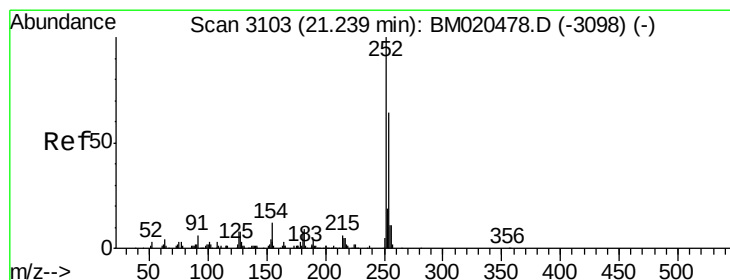
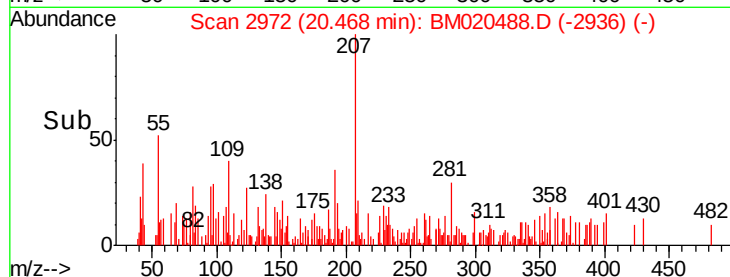
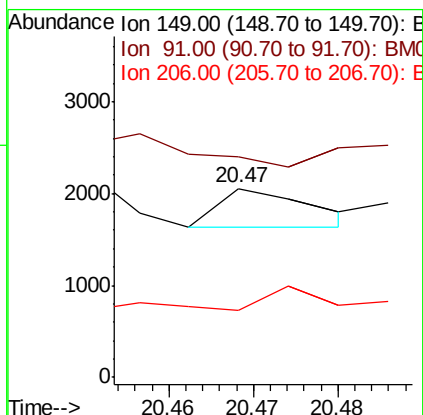
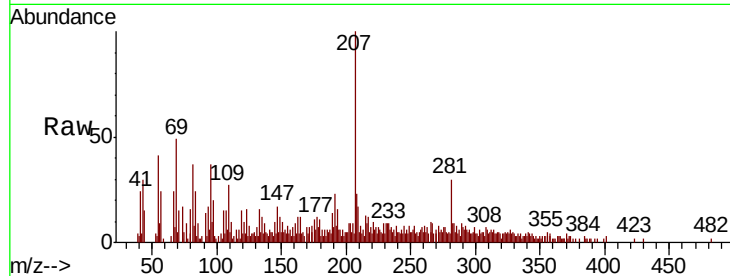




#80
Butylbenzylphthalate
Concen: 32.598 ng/ul
RT: 20.47 min Scan# 2972
Delta R.T. 0.01 min
Lab File: BM020488.D
Acq: 22 May 2019 08:19

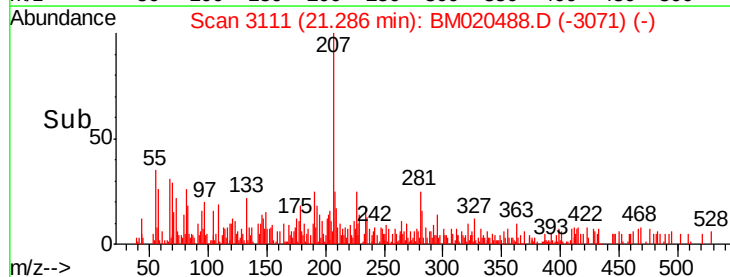
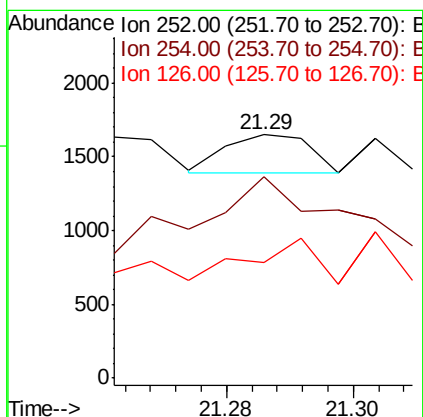
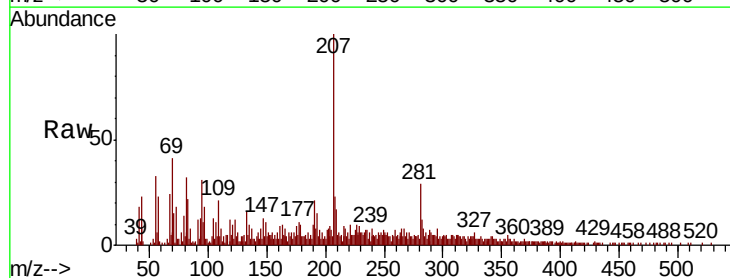
Instrument :
BNA_M
ClientSampleId :
A4258DL

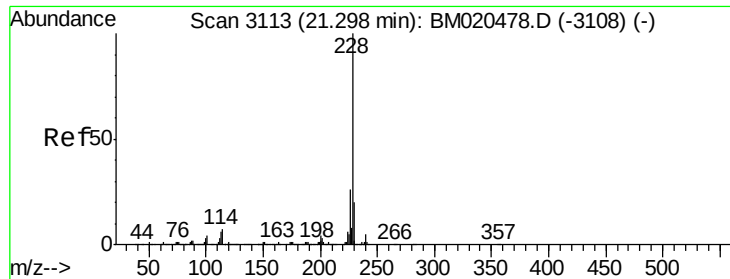
Tot Ion:149 Resp: 319
Ion Ratio Lower Upper
149 100
91 116.6 63.0 94.4#
206 35.5 18.2 27.4#



#81
3,3'-Dichlorobenzidine
Concen: 25.181 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. 0.04 min
Lab File: BM020488.D
Acq: 22 May 2019 08:19

Tgt Ion:252 Resp: 240
Ion Ratio Lower Upper
252 100
254 82.7 49.4 74.0#
126 47.5 5.8 8.8#





#82

Benzo(a)anthracene

Concen: 9.969 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. 0.01 min

Lab File: BM020488.D

Acq: 22 May 2019 08:19

Instrument :

BNA_M

ClientSampled :

A4258DL

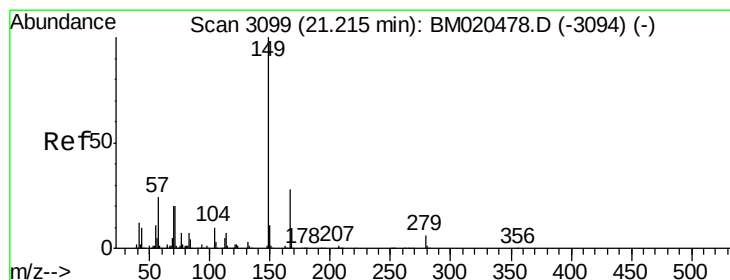
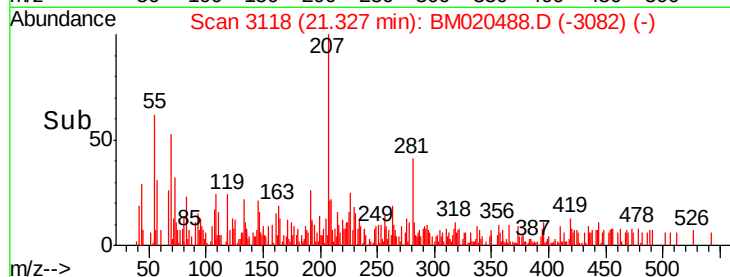
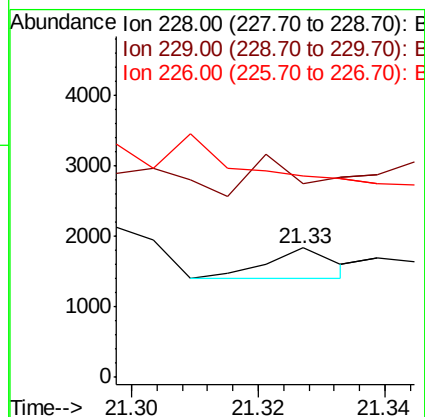
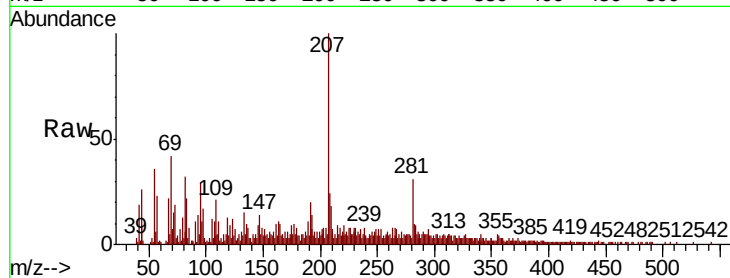
Tot Ion:228 Resp: 312

Ion Ratio Lower Upper

228 100

229 149.4 15.8 23.8#

226 155.6 20.6 30.8#



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.620 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. 0.02 min

Lab File: BM020488.D

Acq: 22 May 2019 08:19

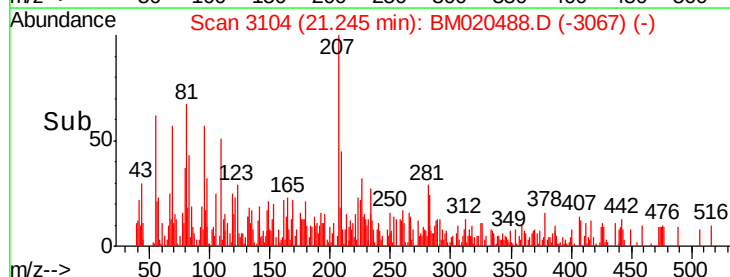
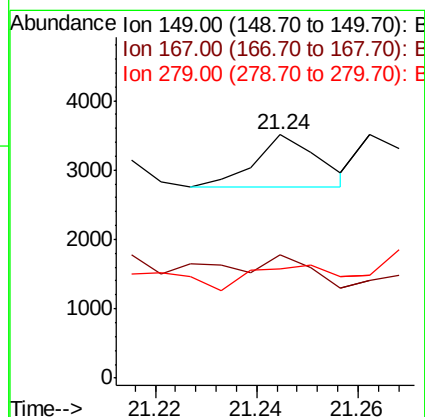
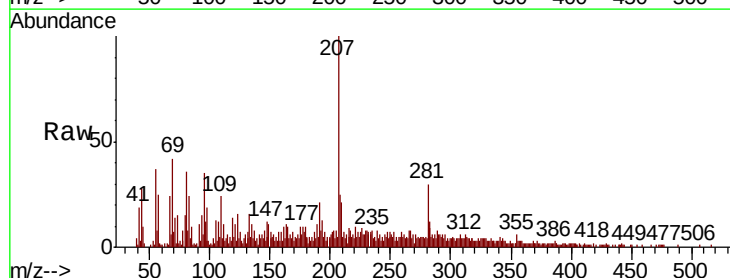
Tgt Ion:149 Resp: 648

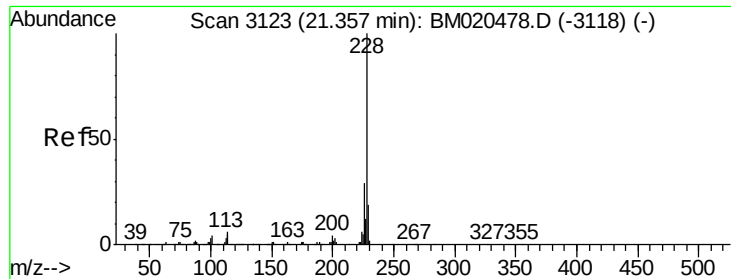
Ion Ratio Lower Upper

149 100

167 50.6 22.5 33.7#

279 45.1 4.2 6.2#





#84

Chrysene

Concen: 4.814 ng/ul

RT: 21.39 min Scan# 3129

Delta R.T. 0.02 min

Lab File: BM020488.D

Acq: 22 May 2019 08:19

Instrument :

BNA_M

ClientSampleId :

A4258DL

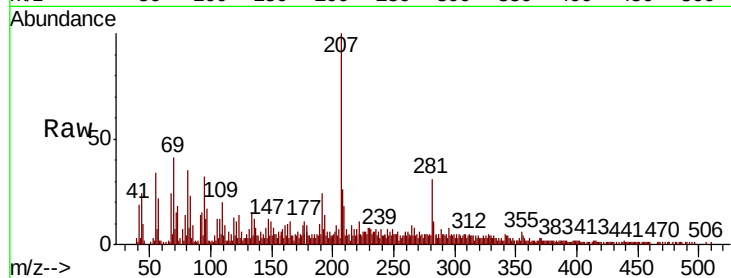
Tot Ion:228 Resp: 144

Ion Ratio Lower Upper

228 100

226 121.9 22.2 33.4#

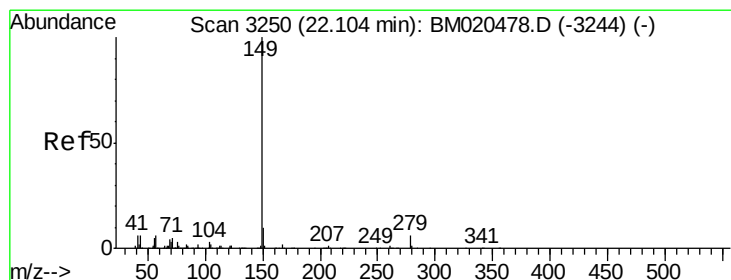
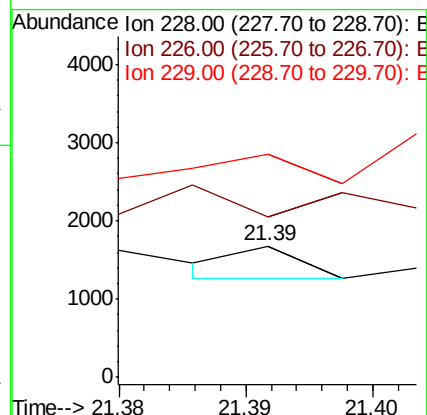
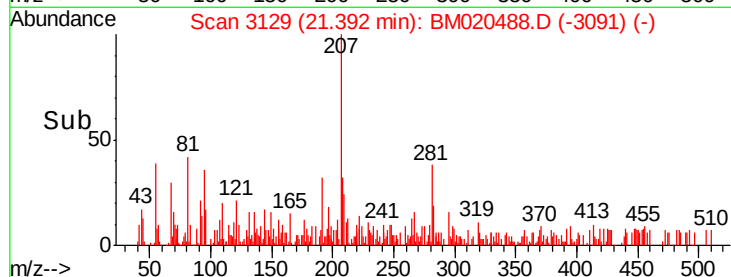
229 170.0 15.4 23.2#



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



#86

Di-n-octyl phthalate

Concen: 35.243 ng/ul

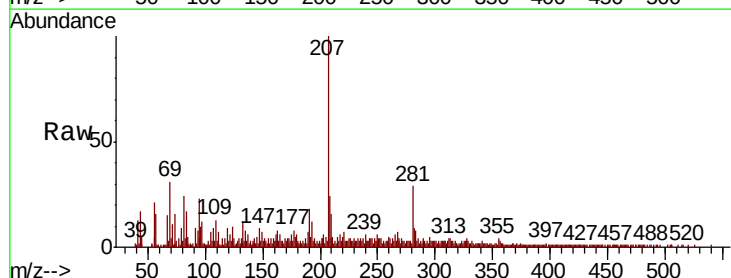
RT: 22.13 min Scan# 3255

Delta R.T. 0.02 min

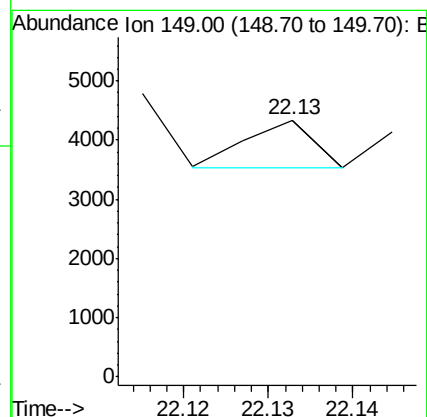
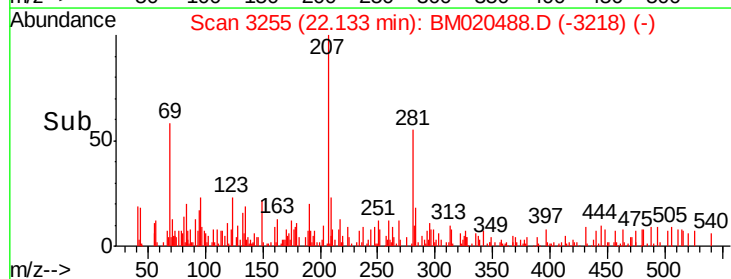
Lab File: BM020488.D

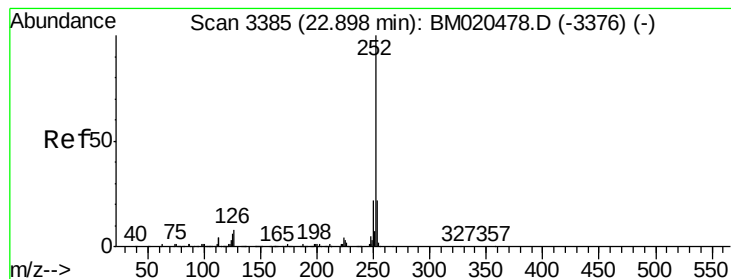
Acq: 22 May 2019 08:19

Tgt Ion:149 Resp: 445



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 33.695 ng/ul

RT: 22.94 min Scan# 3393

Delta R.T. 0.03 min

Lab File: BM020488.D

Acq: 22 May 2019 08:19

Instrument :

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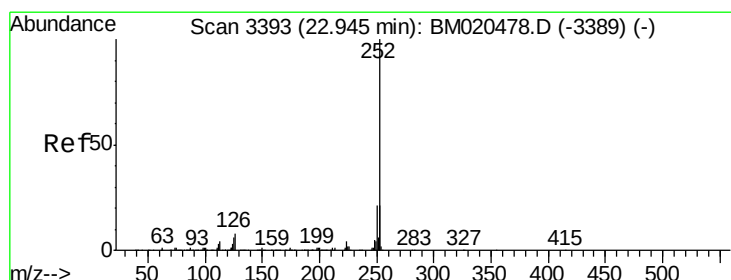
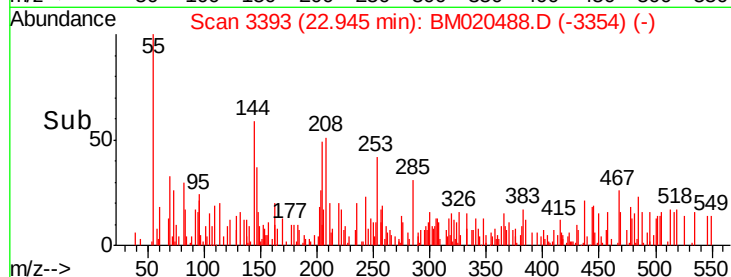
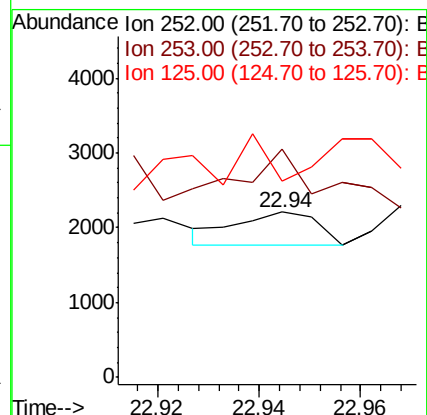
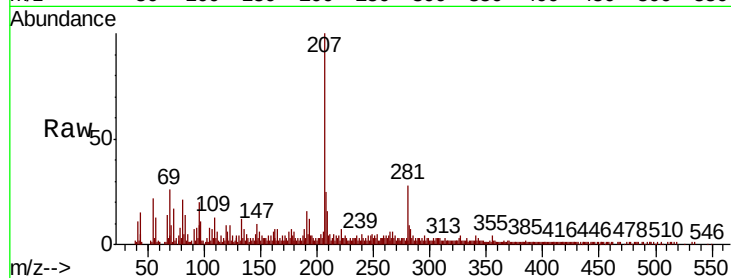
Tot Ion:252 Resp: 500

Ion Ratio Lower Upper

252 100

253 137.9 17.0 25.6#

125 118.6 5.0 7.4#



#88

Benzo(k)fluoranthene

Concen: 3.499 ng/ul

RT: 22.99 min Scan# 3401

Delta R.T. 0.03 min

Lab File: BM020488.D

Acq: 22 May 2019 08:19

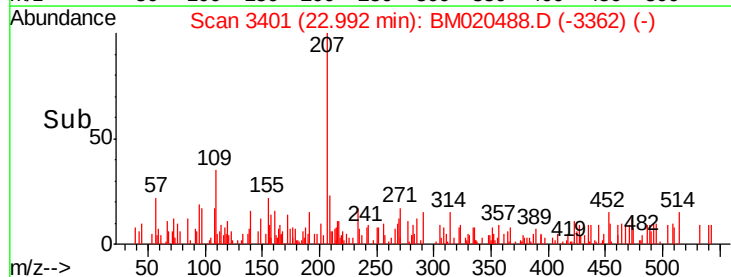
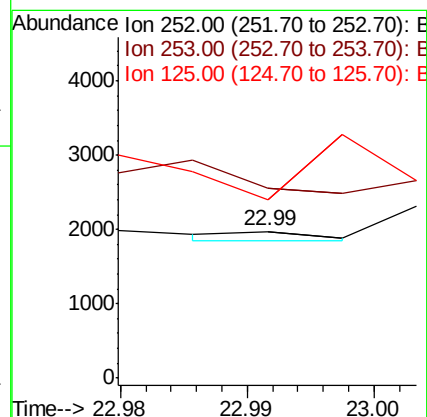
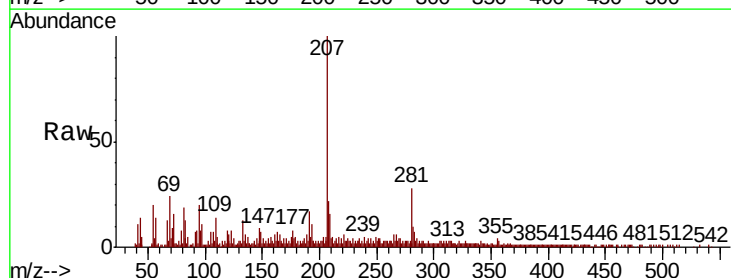
Tgt Ion:252 Resp: 51

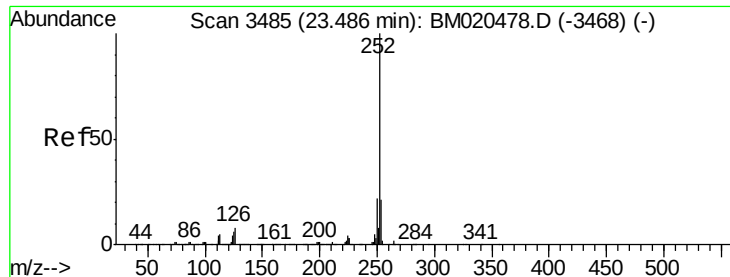
Ion Ratio Lower Upper

252 100

253 129.2 17.6 26.4#

125 121.9 5.0 7.6#





#90

Benzo(a)pyrene

Concen: 299.541 ng/ul

RT: 23.53 min Scan# 3492

Delta R.T. 0.02 min

Lab File: BM020488.D

Acq: 22 May 2019 08:19

Instrument :

BNA_M

ClientSampleID :

A4258DL

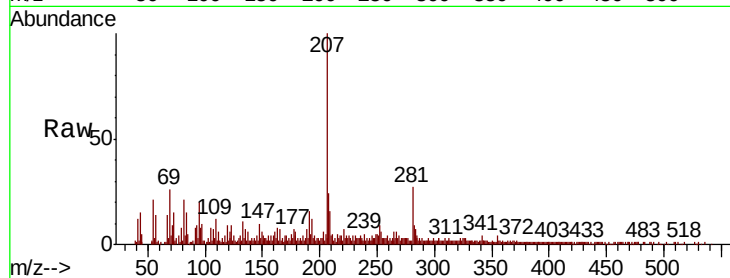
Tot Ion:252 Resp: 4183

Ion Ratio Lower Upper

252 100

253 63.4 17.4 26.2#

125 50.1 5.4 8.2#

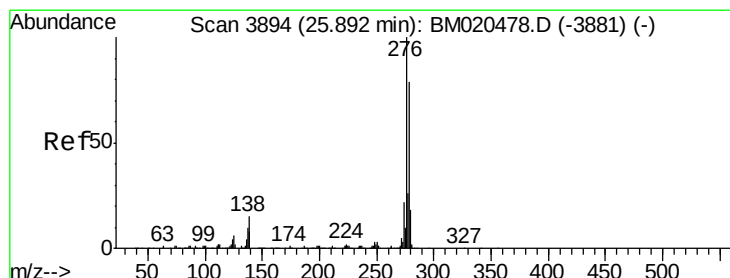
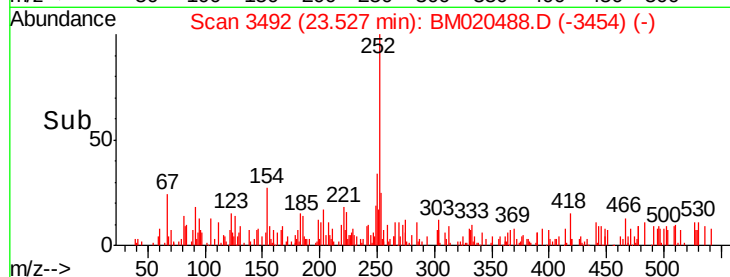
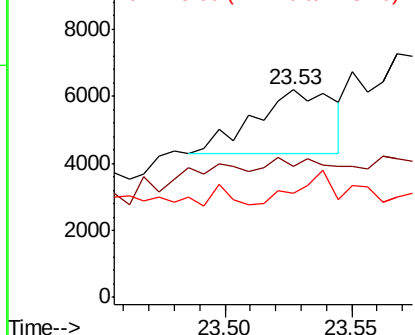


Abundance

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: 13.574 ng/ul

RT: 25.94 min Scan# 3903

Delta R.T. 0.03 min

Lab File: BM020488.D

Acq: 22 May 2019 08:19

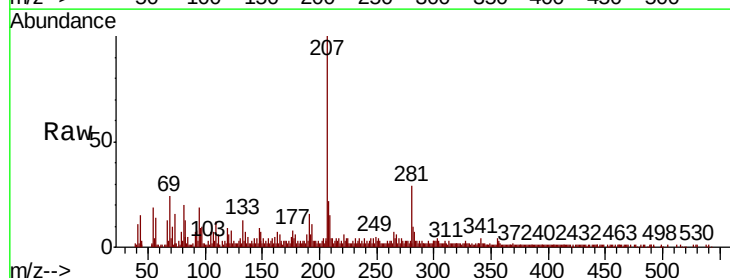
Tgt Ion:276 Resp: 216

Ion Ratio Lower Upper

276 100

138 62.9 12.3 18.5#

277 100.4 20.0 30.0#

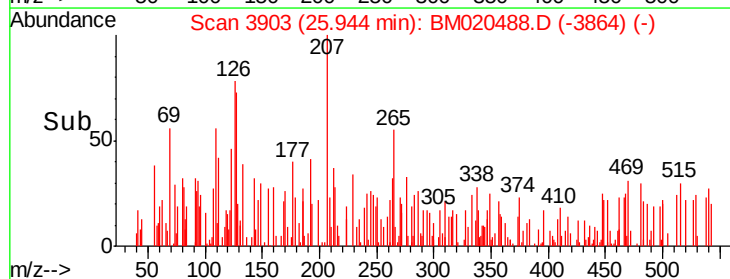
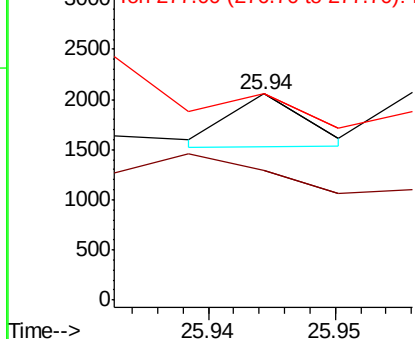


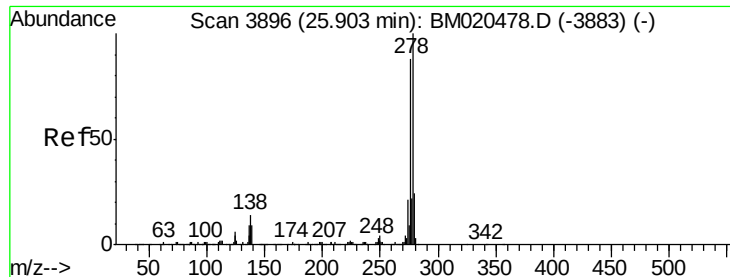
Abundance

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





#92

Dibenzo(a,h)anthracene

Concen: 22.561 ng/ul

RT: 25.95 min Scan# 3904

Delta R.T. 0.03 min

Lab File: BM020488.D

Acq: 22 May 2019 08:19

Instrument :

BNA_M

ClientSampled :

A4258DL

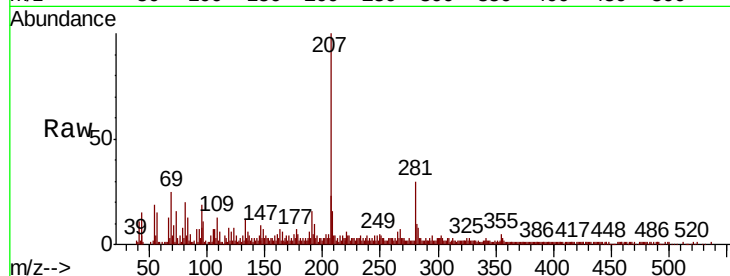
Tot Ion:278 Resp: 307

Ion Ratio Lower Upper

278 100

139 130.6 8.1 12.1#

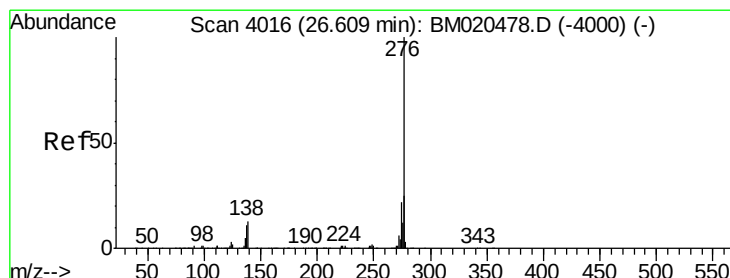
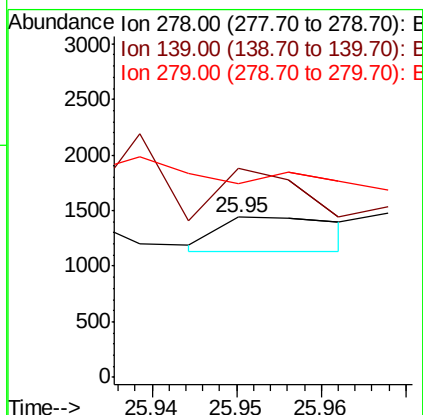
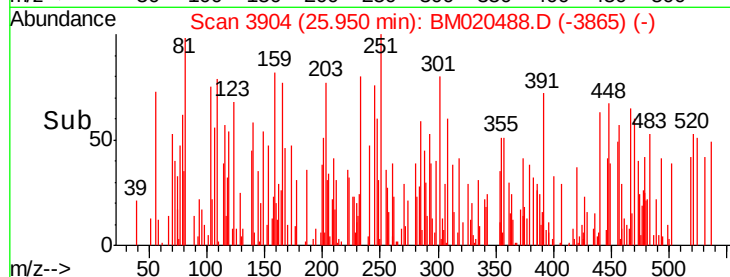
279 121.1 18.7 28.1#



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: 23.004 ng/ul

RT: 26.67 min Scan# 4026

Delta R.T. 0.04 min

Lab File: BM020488.D

Acq: 22 May 2019 08:19

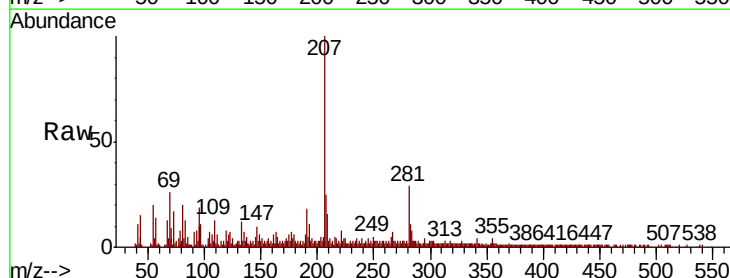
Tgt Ion:276 Resp: 303

Ion Ratio Lower Upper

276 100

138 56.0 10.0 15.0#

277 124.5 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

