

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020484.D
 Acq On : 22 May 2019 05:54
 Operator : JU/SJ
 Sample : K2923-09DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4256DL

Quant Time: May 22 06:44:57 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	68234	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	256726	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	162402	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	409355	20.00	ng/ul	0.01
77) Chrysene-d12	21.45	240	439621	20.00	ng/ul	0.14
85) Perylene-d12	23.74	264	351	20.00	ng/ul	0.15

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1859	1.01	ng/uL	0.00
5) Phenol-d5	6.90	99	24432	4.49	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	14495	4.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	19324	4.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	16879	4.26	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	7725	4.62	ng/ul	0.01
22) 2-Nitrophenol-d4	9.61	143	8406	4.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	18865	4.84	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	3480	0.86	ng/ul	0.02
43) Dimethylphthalate-d6	13.79	166	59464	5.09	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	73294	5.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	2036	1.20	ng/ul	0.09
57) Fluorene-d10	15.37	176	56535	5.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	1549	0.66	ng/ul	0.04
70) Anthracene-d10	17.24	188	96261	5.48	ng/ul	0.02
78) Pyrene-d10	19.57	212	120568	5.69	ng/ul	0.05
89) Benzo(a)pyrene-d12	23.59	264	401	25.14	ng/ul	0.15

Target Compounds

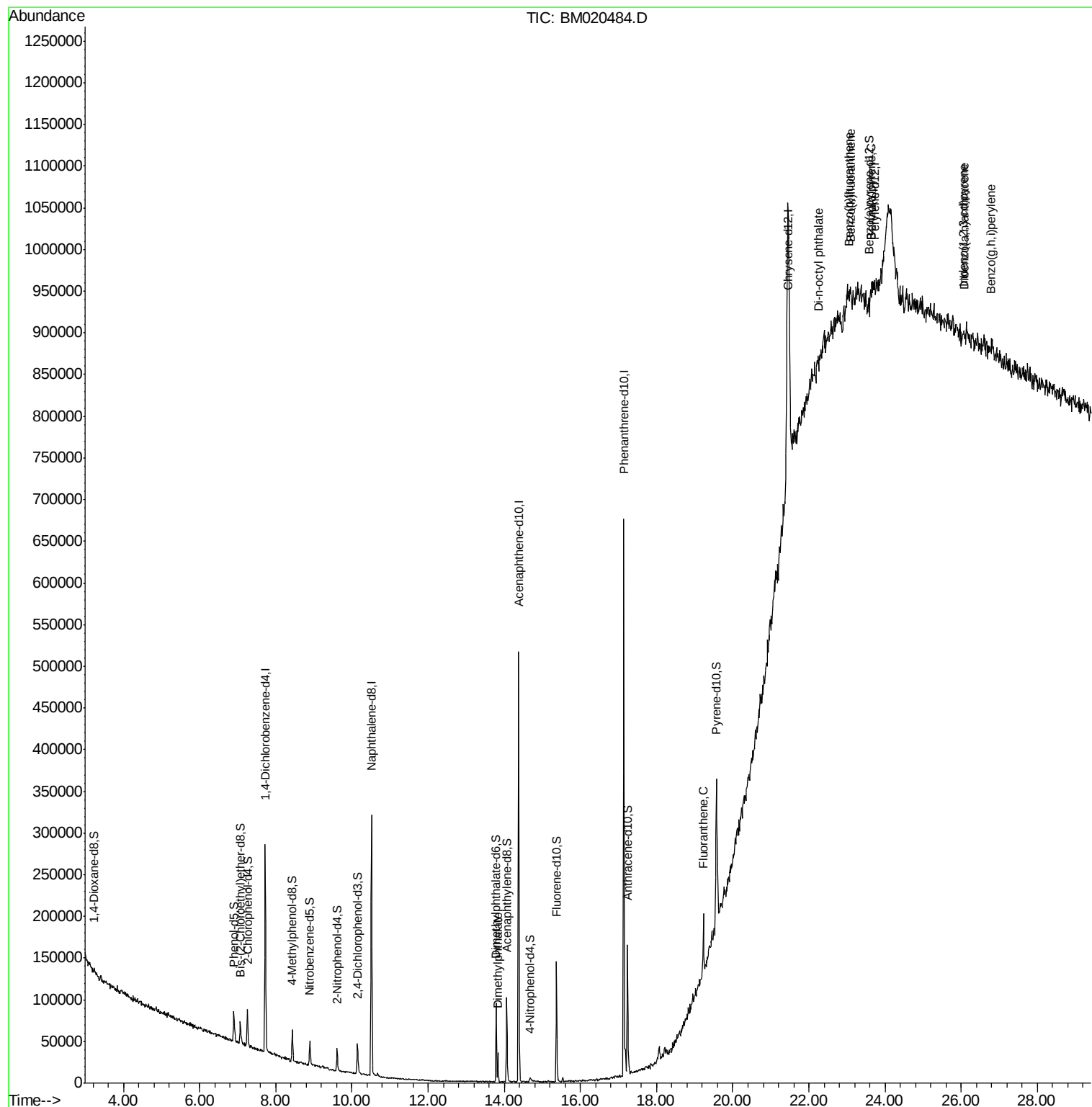
					Qvalue	
44) Dimethylphthalate	13.83	163	21471	1.858	ng/ul#	94
76) Fluoranthene	19.23	202	51521	2.091	ng/ul	97
86) Di-n-octyl phthalate	22.25	149	370	21.706	ng/ul	100
87) Benzo(b)fluoranthene	23.04	252	259	12.929	ng/ul#	1
88) Benzo(k)fluoranthene	23.09	252	179	9.097	ng/ul#	1
90) Benzo(a)pyrene	23.63	252	191	10.131	ng/ul#	1
91) Indeno(1,2,3-cd)pyrene	26.06	276	1044	48.600	ng/ul#	1
92) Dibenzo(a,h)anthracene	26.08	278	187	10.180	ng/ul#	1
93) Benzo(g,h,i)perylene	26.79	276	350	19.683	ng/ul#	1

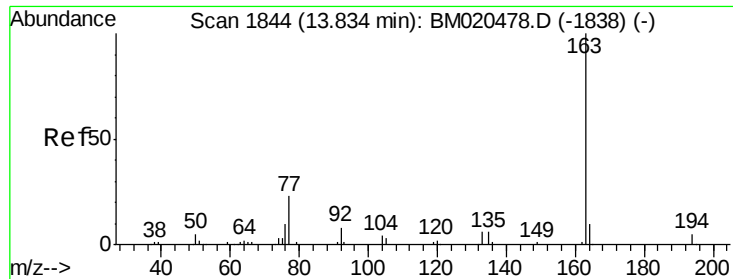
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.858 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BM020484.D

Acq: 22 May 2019 05:54

Instrument :

BNA_M

ClientSampleId :

A4256DL

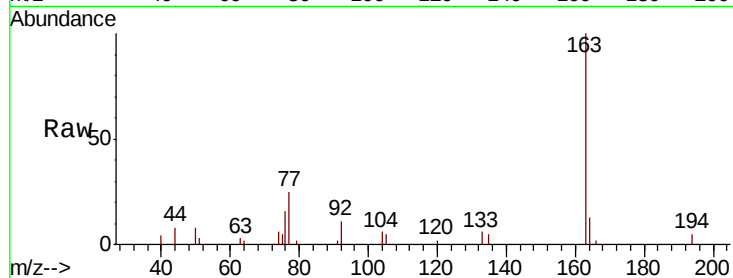
Tgt Ion:163 Resp: 21471

Ion Ratio Lower Upper

163 100

194 4.7 3.3 4.9

164 12.9 8.0 12.0#

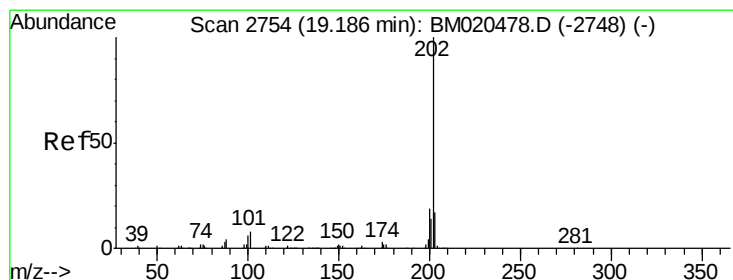
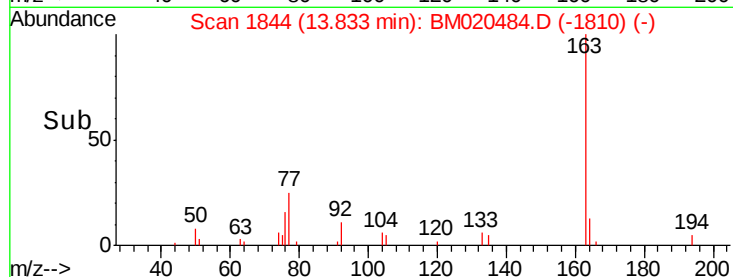
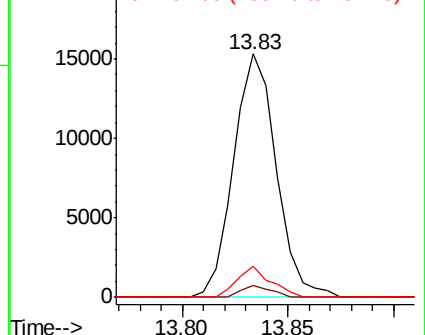


Abundance

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



#76

Fluoranthene

Concen: 2.091 ng/ul

RT: 19.23 min Scan# 2761

Delta R.T. 0.04 min

Lab File: BM020484.D

Acq: 22 May 2019 05:54

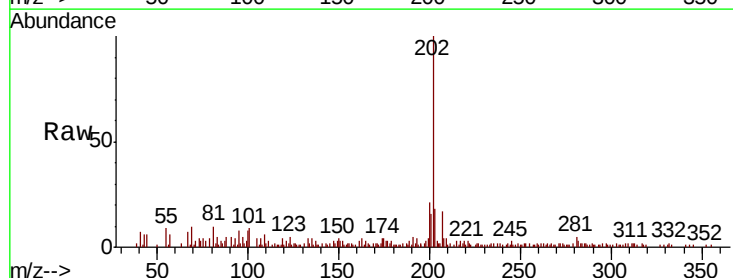
Tgt Ion:202 Resp: 51521

Ion Ratio Lower Upper

202 100

101 9.1 6.4 9.6

100 7.6 5.2 7.8

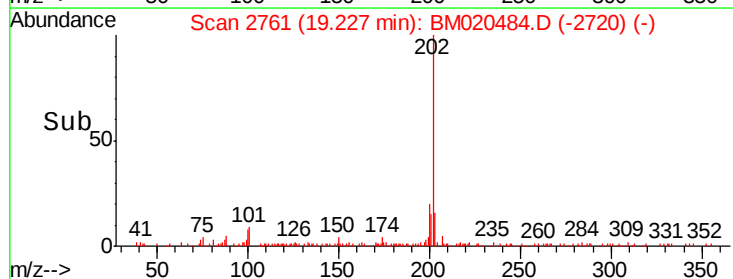
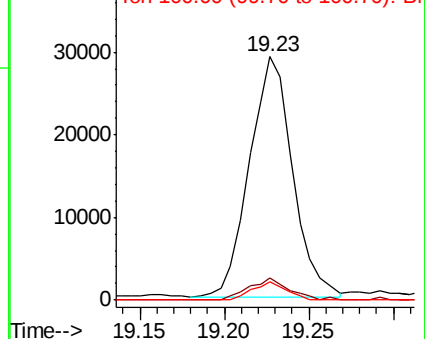


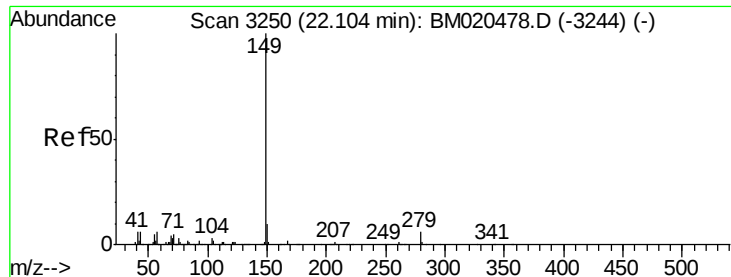
Abundance

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





#86

Di-n-octyl phthalate

Concen: 21.706 ng/ul

RT: 22.25 min Scan# 3275

Delta R.T. 0.15 min

Lab File: BM020484.D

Acq: 22 May 2019 05:54

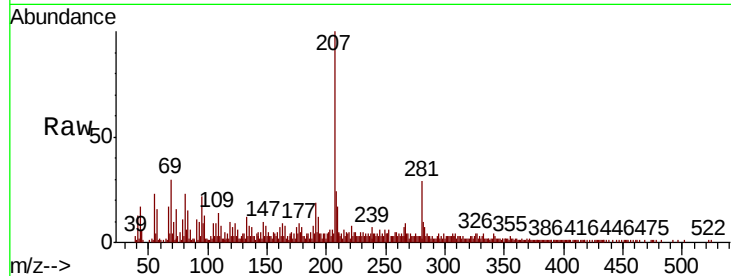
Instrument :

BNA_M

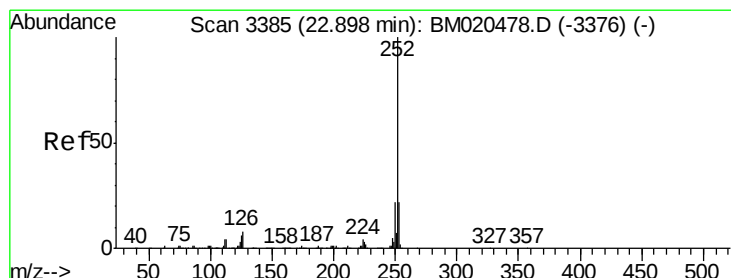
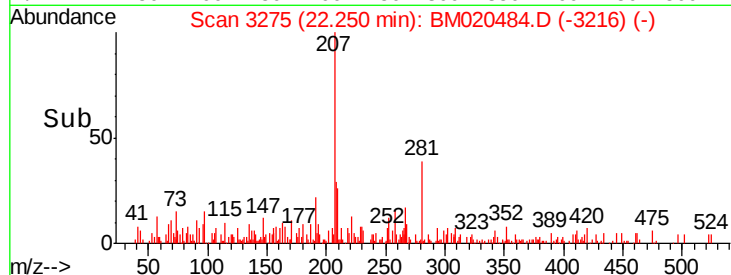
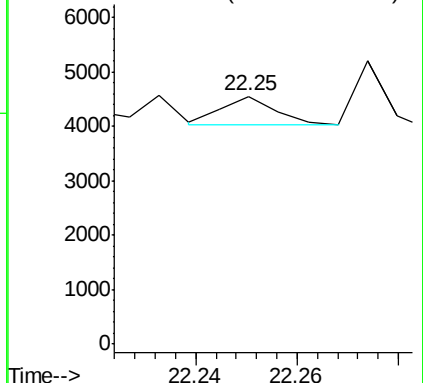
ClientSampleId :

A4256DL

Tgt Ion:149 Resp: 370



Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 12.929 ng/ul

RT: 23.04 min Scan# 3410

Delta R.T. 0.15 min

Lab File: BM020484.D

Acq: 22 May 2019 05:54

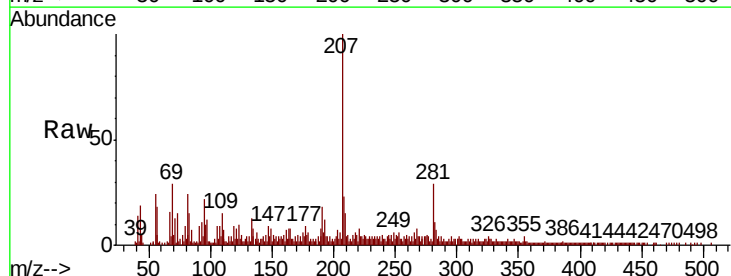
Tgt Ion:252 Resp: 259

Ion Ratio Lower Upper

252 100

253 161.1 17.0 25.6#

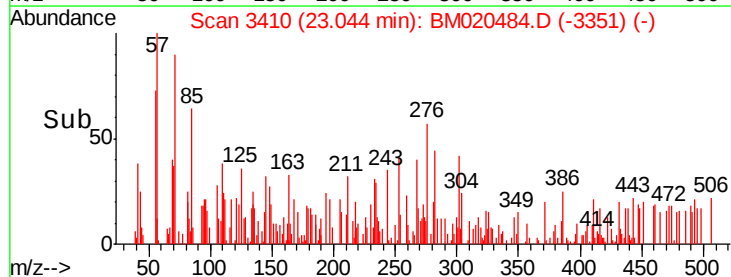
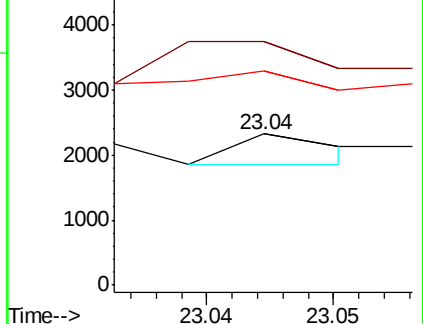
125 141.5 5.0 7.4#

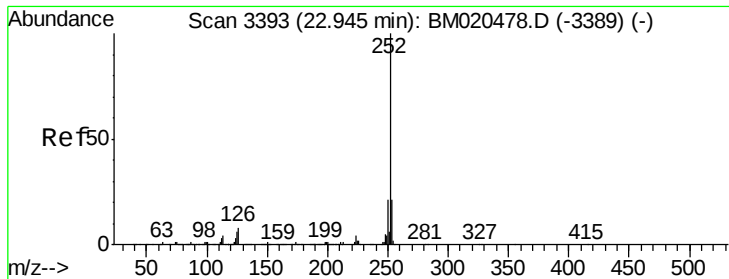


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 9.097 ng/ul

RT: 23.09 min Scan# 3418

Delta R.T. 0.15 min

Lab File: BM020484.D

Acq: 22 May 2019 05:54

Instrument :

BNA_M

ClientSampleId :

A4256DL

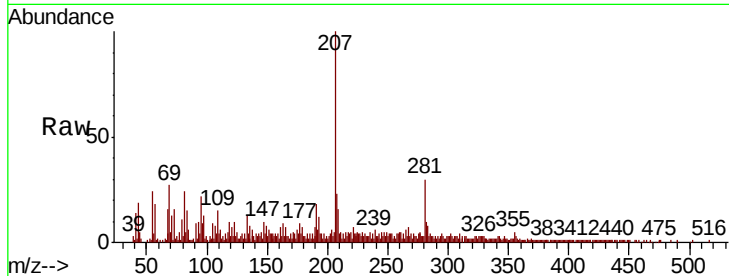
Tgt Ion:252 Resp: 179

Ion Ratio Lower Upper

252 100

253 111.3 17.6 26.4#

125 116.9 5.0 7.6#

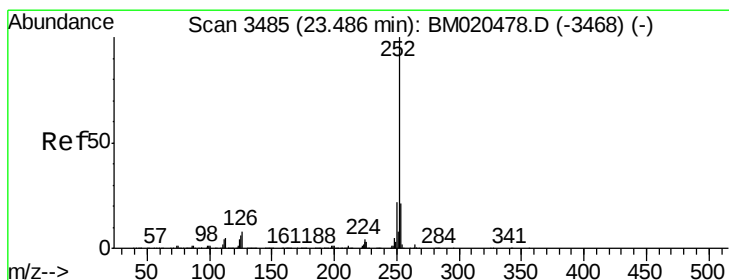
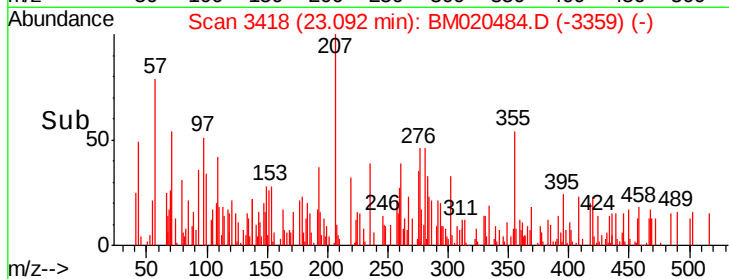
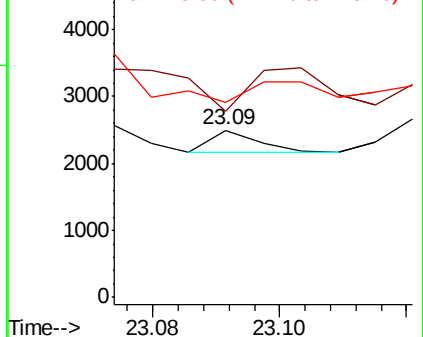


Abundance

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: 10.131 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. 0.15 min

Lab File: BM020484.D

Acq: 22 May 2019 05:54

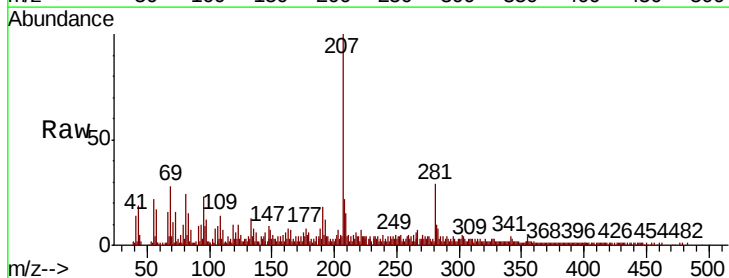
Tgt Ion:252 Resp: 191

Ion Ratio Lower Upper

252 100

253 135.0 17.4 26.2#

125 137.5 5.4 8.2#

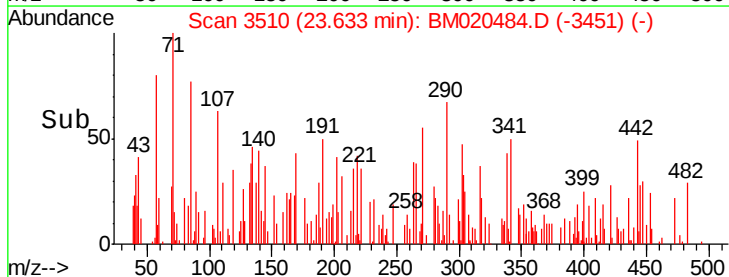
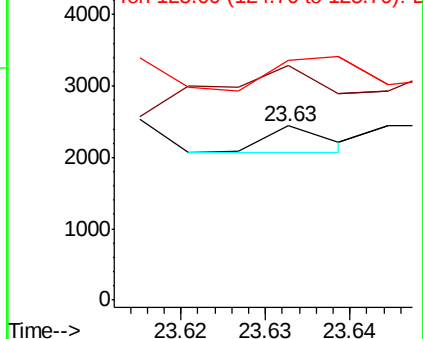


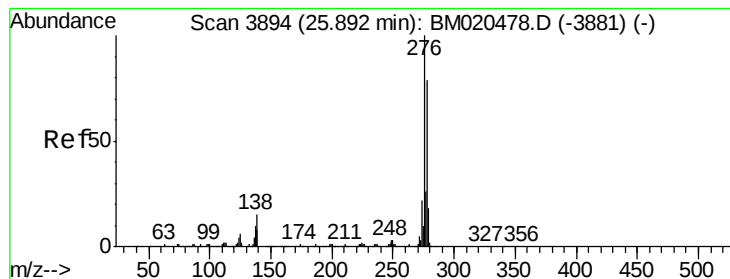
Abundance

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



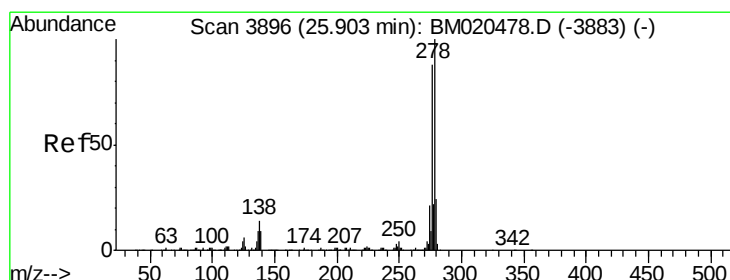
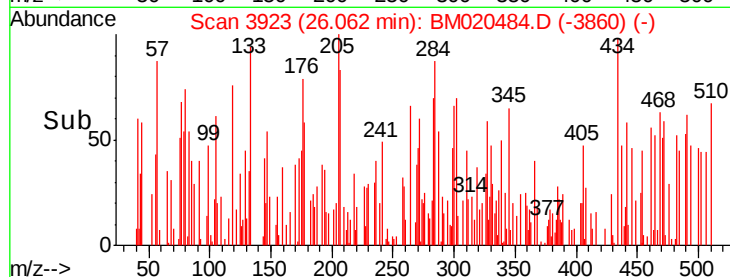
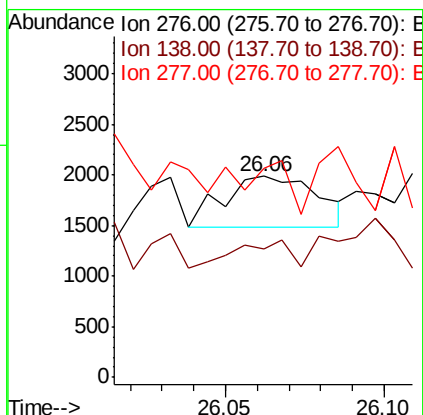
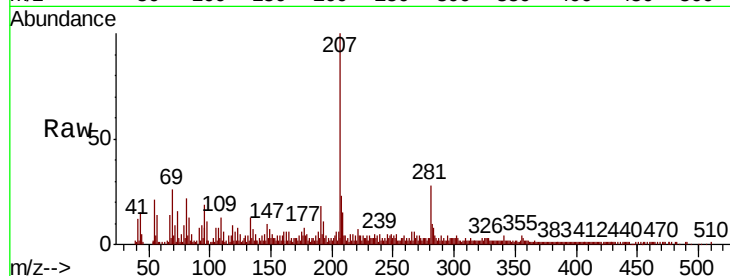


#91

Indeno(1,2,3-cd)pyrene
Concen: 48.600 ng/u1
RT: 26.06 min Scan# 3923
Delta R.T. 0.17 min
Lab File: BM020484.D
Acq: 22 May 2019 05:54

Instrument :
BNA_M
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A4256DL

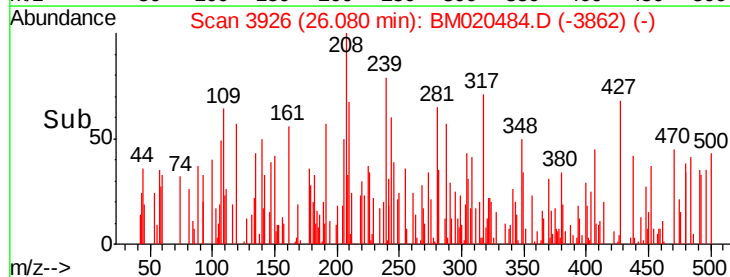
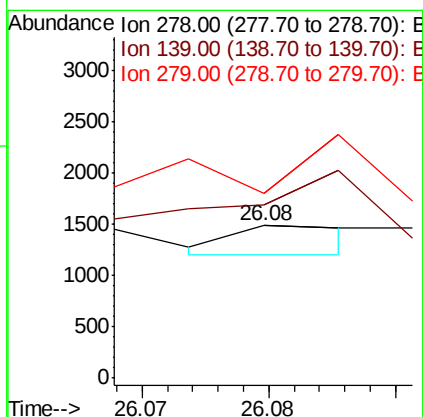
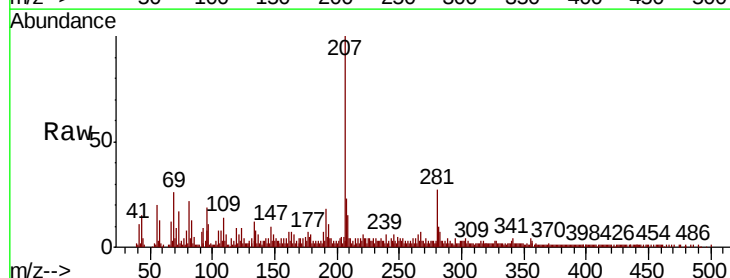
Tgt Ion:276 Resp: 1044
Ion Ratio Lower Upper
276 100
138 64.3 12.3 18.5#
277 104.1 20.0 30.0#

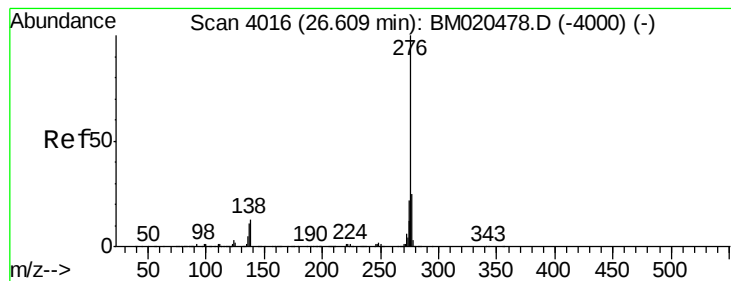


#92

Dibenzo(a,h)anthracene
Concen: 10.180 ng/u1
RT: 26.08 min Scan# 3926
Delta R.T. 0.18 min
Lab File: BM020484.D
Acq: 22 May 2019 05:54

Tgt Ion:278 Resp: 187
Ion Ratio Lower Upper
278 100
139 113.9 8.1 12.1#
279 121.3 18.7 28.1#





#93

Benzo(g,h,i)perylene

Concen: 19.683 ng/ul

RT: 26.79 min Scan# 4047

Delta R.T. 0.18 min

Lab File: BM020484.D

Acq: 22 May 2019 05:54

Instrument :

BNA_M

ClientSampleId :

A4256DL

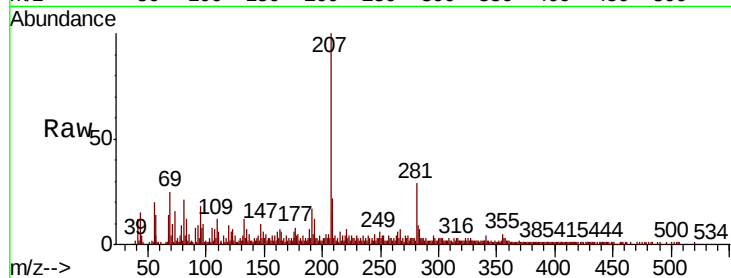
Tgt Ion: 276 Resp: 350

Ion Ratio Lower Upper

276 100

138 62.1 10.0 15.0#

277 98.7 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

