

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020485.D
 Acq On : 22 May 2019 06:30
 Operator : JU/SJ
 Sample : K2923-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4257

Quant Time: May 22 07:35:19 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	78452	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	298026	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	186638	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	453990	20.00	ng/ul	0.01
77) Chrysene-d12	21.31	240	441	20.00	ng/ul	0.00
85) Perylene-d12	23.56	264	644	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	5344	2.51	ng/uL	0.00
5) Phenol-d5	6.90	99	83450	13.33	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.06	67	54012	13.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	66226	14.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	60492	13.27	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	28512	14.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	33351	15.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	70560	15.60	ng/ul	0.01
29) 4-Chloroaniline-d4	10.67	131	10805	2.31	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	213507	15.90	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	262240	15.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	14119	7.24	ng/ul	0.08
57) Fluorene-d10	15.37	176	197576	16.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	14791	5.72	ng/ul	0.04
70) Anthracene-d10	17.24	188	313175	16.08	ng/ul	0.02
78) Pyrene-d10	19.57	212	354104	16670.01	ng/ul	0.05
89) Benzo(a)pyrene-d12	23.40	264	564	19.27	ng/ul	-0.04

Target Compounds

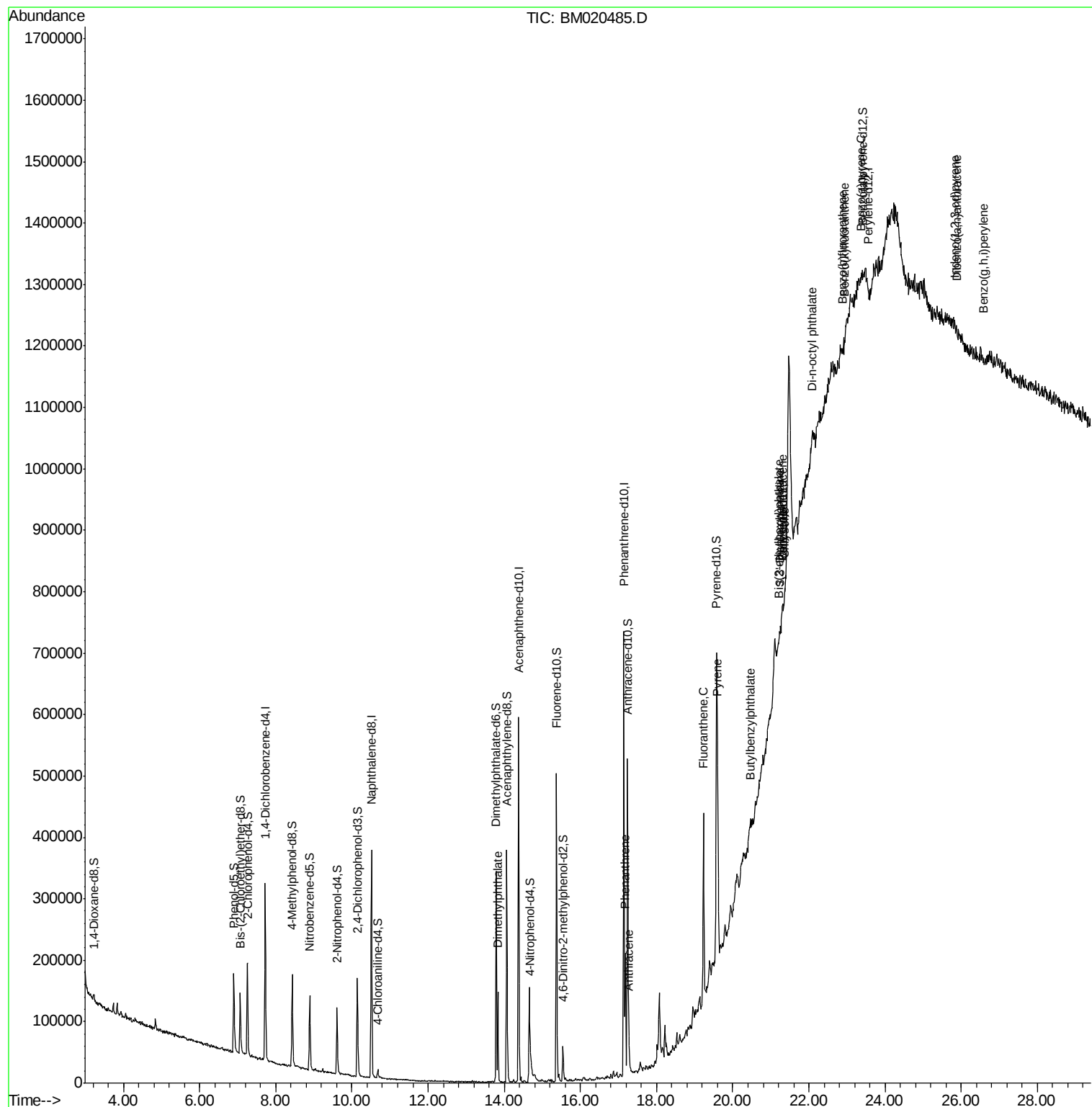
					Qvalue
44) Dimethylphthalate	13.83	163	87356	6.576	ng/ul 99
69) Phenanthrene	17.18	178	121897	5.635	ng/ul 99
71) Anthracene	17.27	178	32089	1.458	ng/ul 97
76) Fluoranthene	19.23	202	262175	9.595	ng/ul 98
79) Pyrene	19.60	202	228888	8647.163	ng/ul 98
80) Butylbenzylphthalate	20.44	149	294	35.425	ng/ul# 33
81) 3,3'-Dichlorobenzidine	21.23	252	289	35.755	ng/ul# 65
82) Benzo(a)anthracene	21.30	228	417	15.710	ng/ul# 1
83) Bis(2-ethylhexyl)phthalate	21.20	149	565	46.903	ng/ul# 79
84) Chrysene	21.35	228	582	22.944	ng/ul# 1
86) Di-n-octyl phthalate	22.07	149	1096	35.044	ng/ul 100
87) Benzo(b)fluoranthene	22.89	252	155	4.217	ng/ul# 1
88) Benzo(k)fluoranthene	22.92	252	95	2.631	ng/ul# 1
90) Benzo(a)pyrene	23.37	252	10979	317.409	ng/ul# 65
91) Indeno(1,2,3-cd)pyrene	25.85	276	498	12.635	ng/ul# 1
92) Dibenzo(a,h)anthracene	25.87	278	291	8.634	ng/ul# 1
93) Benzo(g,h,i)perylene	26.59	276	312	9.563	ng/ul# 1

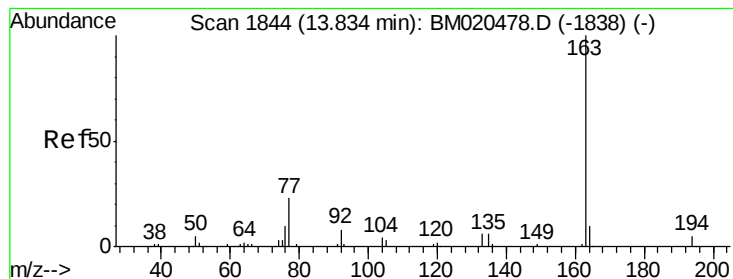
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020485.D
Acq On : 22 May 2019 06:30
Operator : JU/SJ
Sample : K2923-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4257

Quant Time: May 22 07:35:19 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





#44

Dimethylphthalate

Concen: 6.576 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BM020485.D

Acq: 22 May 2019 06:30

Instrument :

BNA_M

ClientSampleId :

A4257

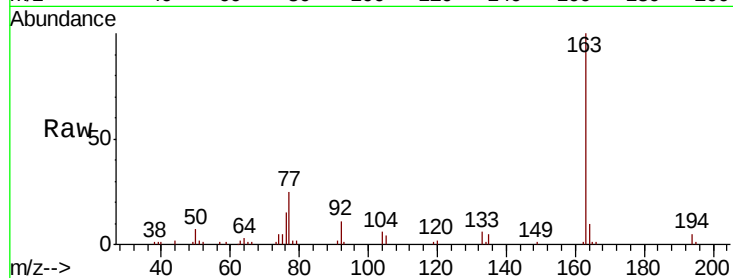
Tgt Ion:163 Resp: 87356

Ion Ratio Lower Upper

163 100

194 4.8 3.3 4.9

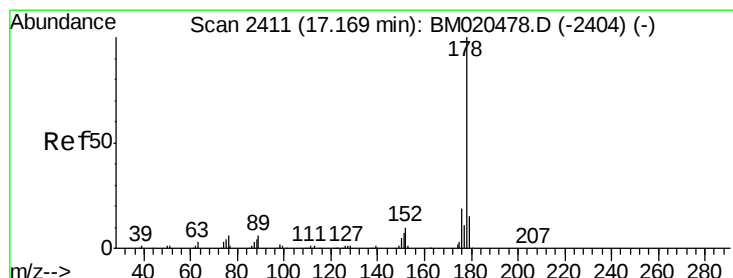
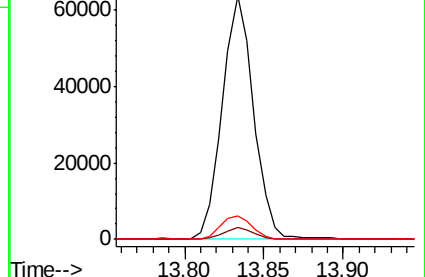
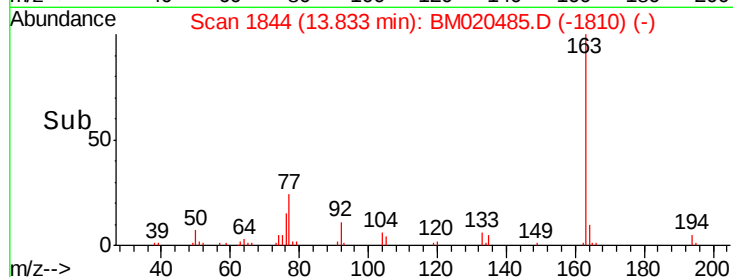
164 9.6 8.0 12.0



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: 5.635 ng/ul

RT: 17.18 min Scan# 2413

Delta R.T. 0.01 min

Lab File: BM020485.D

Acq: 22 May 2019 06:30

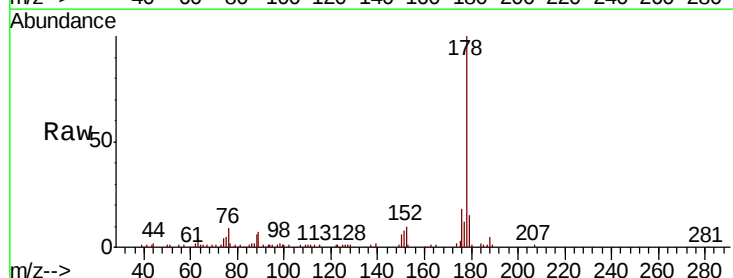
Tgt Ion:178 Resp: 121897

Ion Ratio Lower Upper

178 100

179 14.6 11.9 17.9

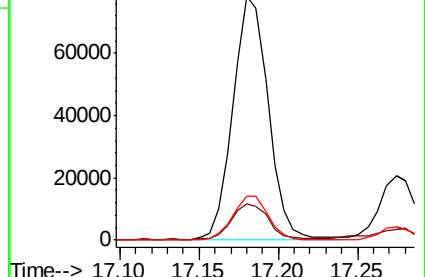
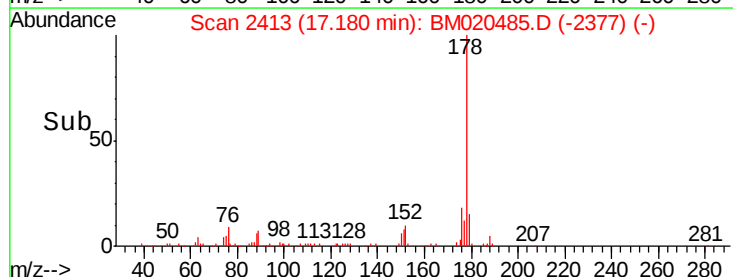
176 17.9 14.6 22.0

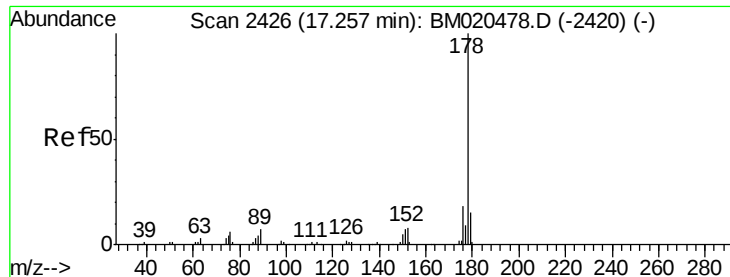


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

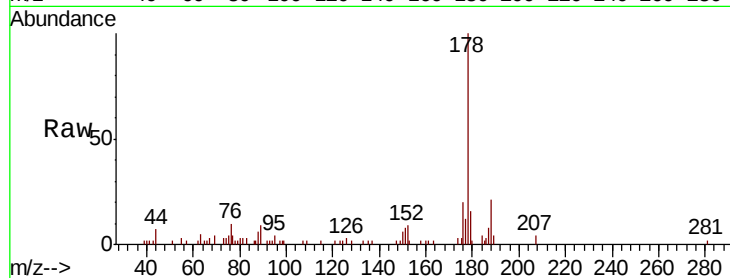




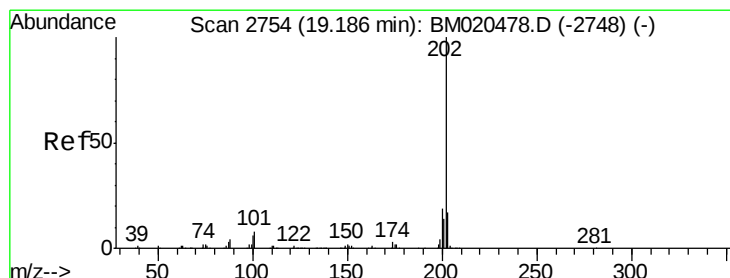
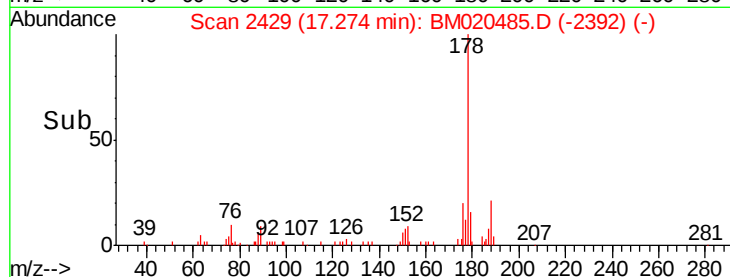
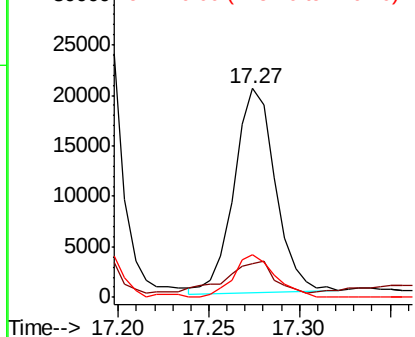
#71
 Anthracene
 Concen: 1.458 ng/ul
 RT: 17.27 min Scan# 2429
 Delta R.T. 0.02 min
 Lab File: BM020485.D
 Acq: 22 May 2019 06:30

Instrument :
 BNA_M
 ClientSampleId :
 A4257

Tgt Ion:178 Resp: 32089
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.4 18.6
 176 20.2 14.4 21.6

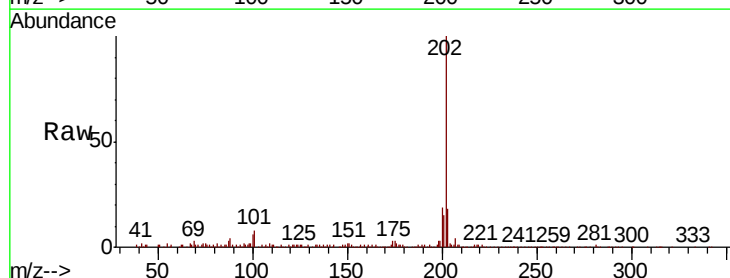


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

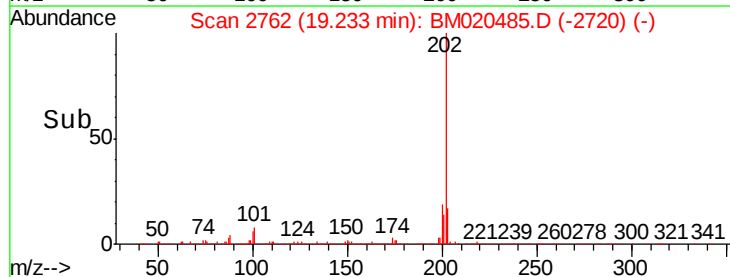
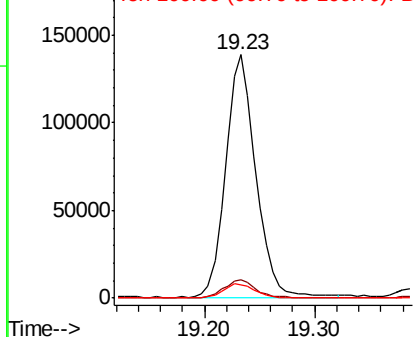


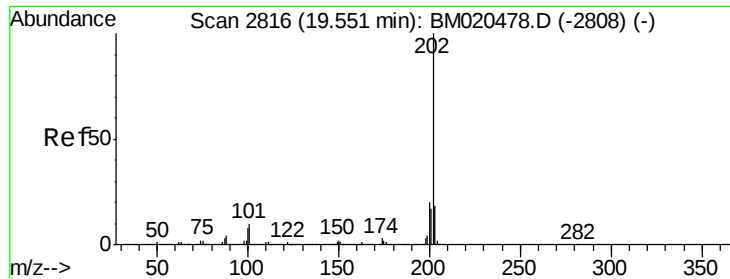
#76
 Fluoranthene
 Concen: 9.595 ng/ul
 RT: 19.23 min Scan# 2762
 Delta R.T. 0.05 min
 Lab File: BM020485.D
 Acq: 22 May 2019 06:30

Tgt Ion:202 Resp: 262175
 Ion Ratio Lower Upper
 202 100
 101 7.5 6.4 9.6
 100 5.7 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): B





#79

Pyrene

Concen: 8647.163 ng/ul

RT: 19.60 min Scan# 2825

Delta R.T. 0.05 min

Lab File: BM020485.D

Acq: 22 May 2019 06:30

Instrument :

BNA_M

ClientSampleId :

A4257

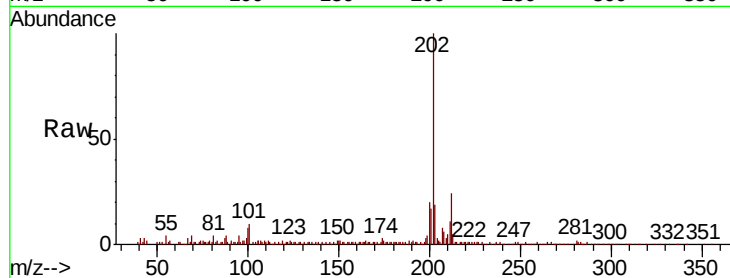
Tgt Ion:202 Resp: 228888

Ion Ratio Lower Upper

202 100

101 9.7 7.1 10.7

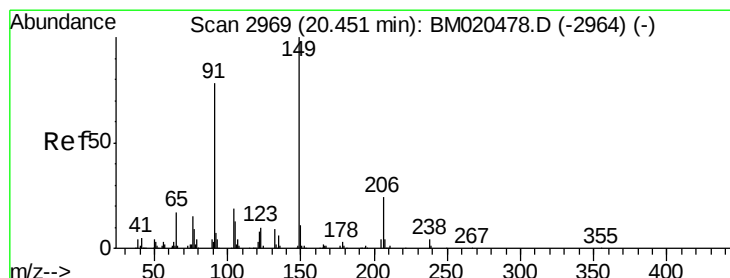
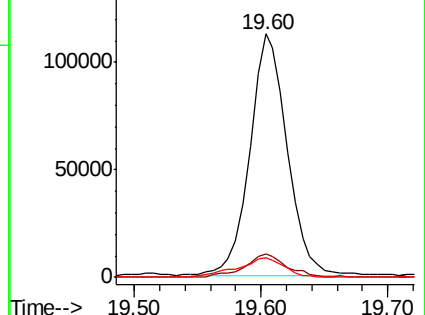
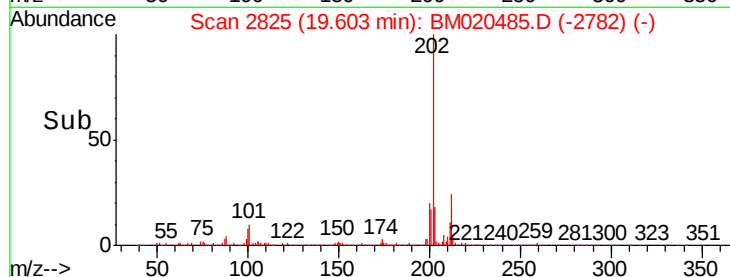
100 8.0 5.9 8.9



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): B



#80

Butylbenzylphthalate

Concen: 35.425 ng/ul

RT: 20.44 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BM020485.D

Acq: 22 May 2019 06:30

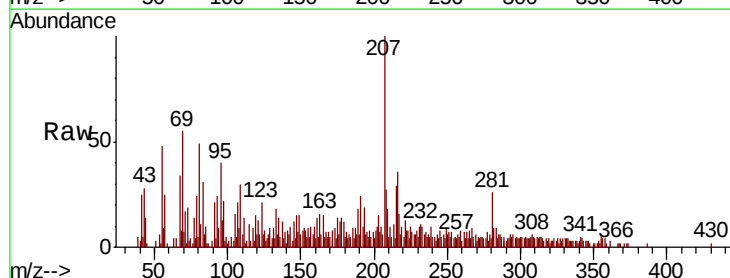
Tgt Ion:149 Resp: 294

Ion Ratio Lower Upper

149 100

91 143.9 63.0 94.4#

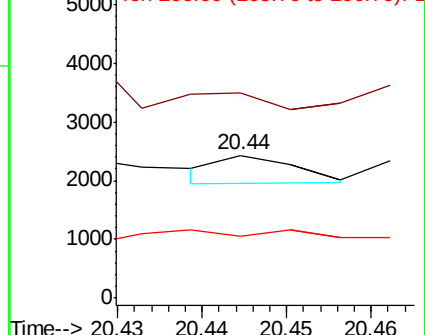
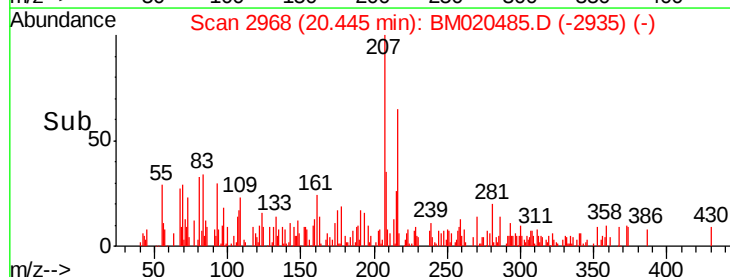
206 43.4 18.2 27.4#

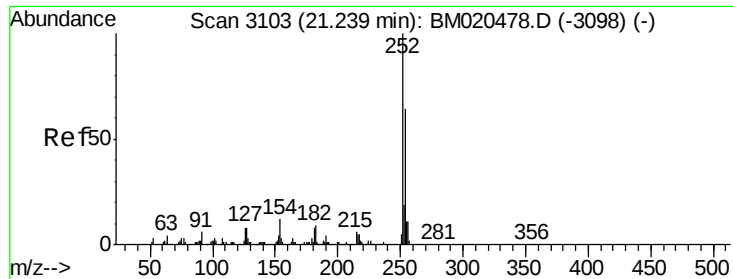


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E

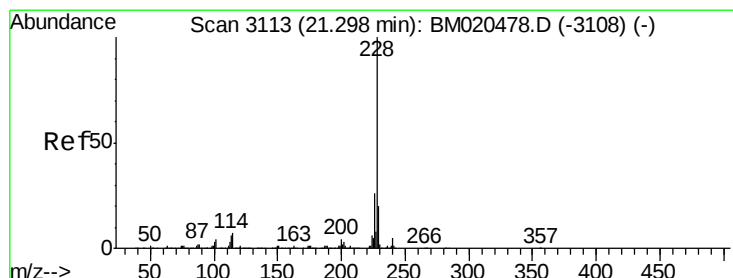
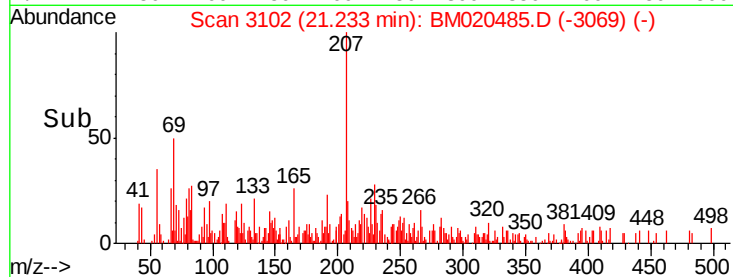
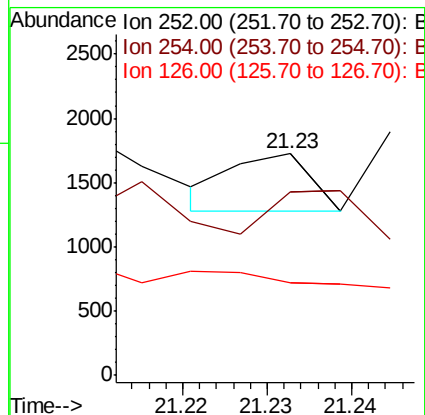
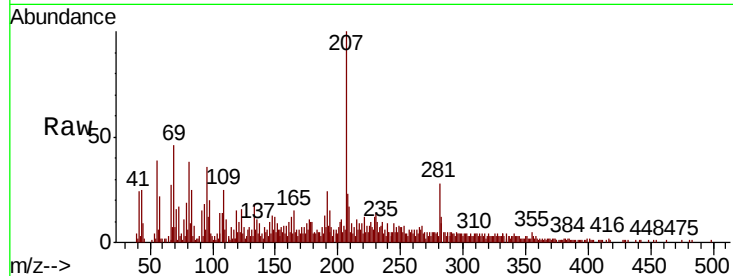




#81
 3,3'-Dichlorobenzidine
 Concen: 35.755 ng/ul
 RT: 21.23 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM020485.D
 Acq: 22 May 2019 06:30

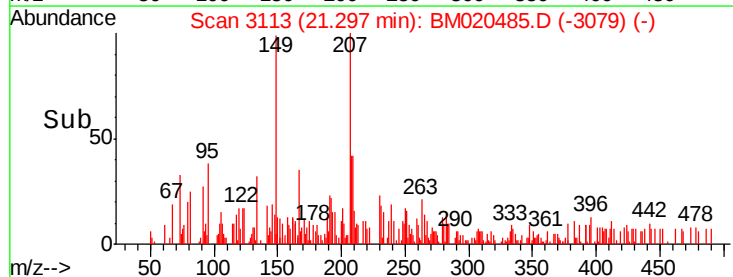
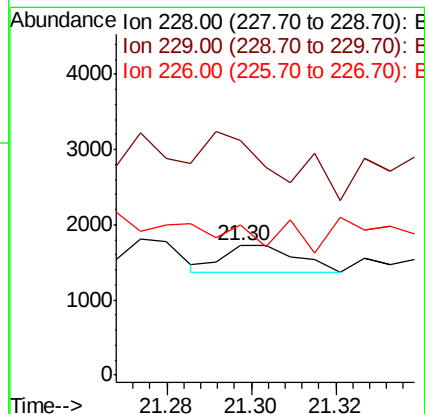
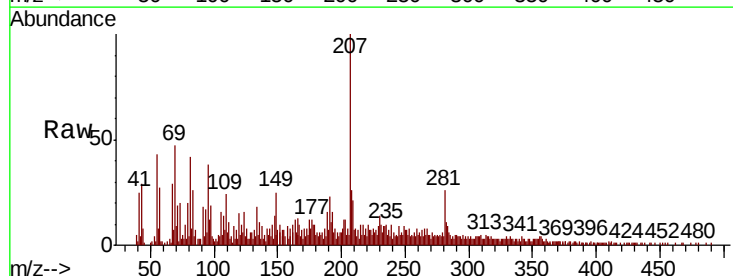
Instrument :
 BNA_M
 ClientSampleId :
 A4257

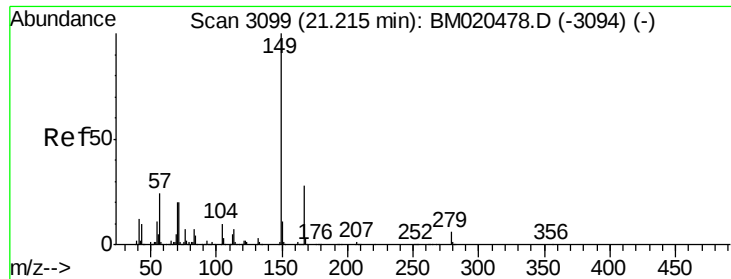
Tgt Ion:252 Resp: 289
 Ion Ratio Lower Upper
 252 100
 254 82.7 49.4 74.0#
 126 41.8 5.8 8.8#



#82
 Benzo(a)anthracene
 Concen: 15.710 ng/ul
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BM020485.D
 Acq: 22 May 2019 06:30

Tgt Ion:228 Resp: 417
 Ion Ratio Lower Upper
 228 100
 229 181.9 15.8 23.8#
 226 116.7 20.6 30.8#





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.903 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM020485.D

Acq: 22 May 2019 06:30

Instrument :

BNA_M

ClientSampleId :

A4257

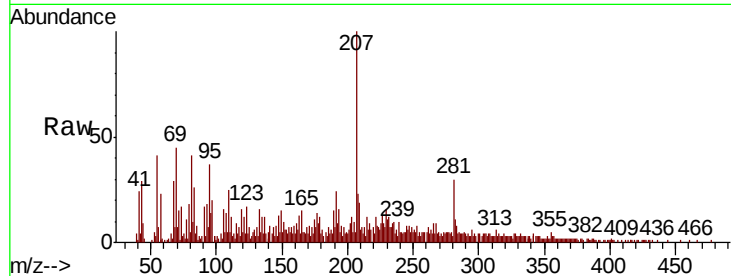
Tgt Ion:149 Resp: 565

Ion Ratio Lower Upper

149 100

167 33.7 22.5 33.7#

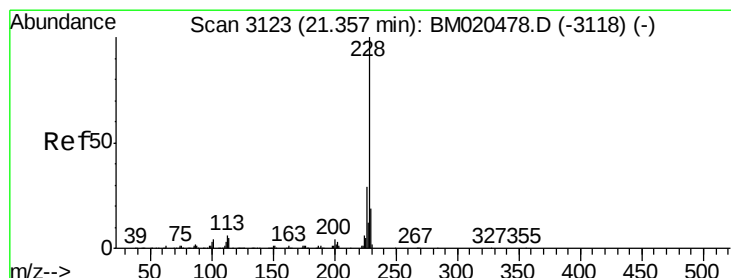
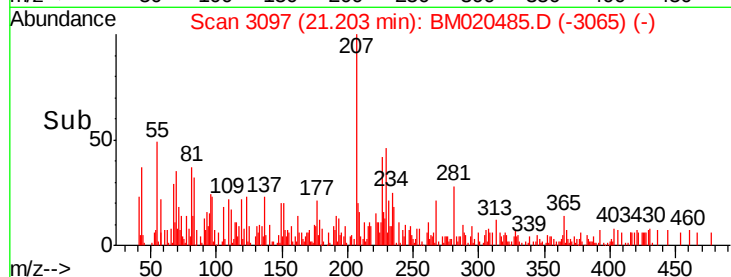
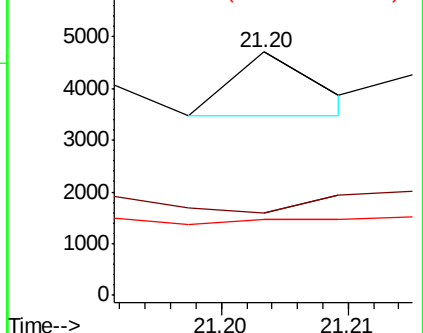
279 31.0 4.2 6.2#



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: 22.944 ng/ul

RT: 21.35 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BM020485.D

Acq: 22 May 2019 06:30

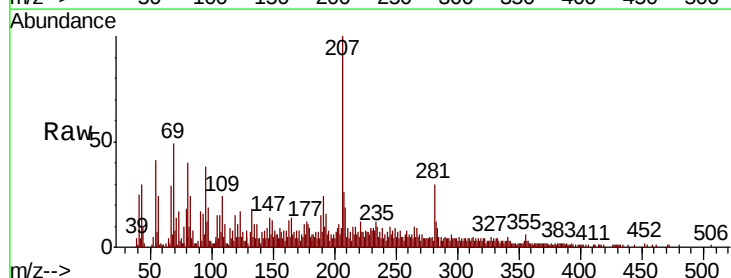
Tgt Ion:228 Resp: 582

Ion Ratio Lower Upper

228 100

226 118.8 22.2 33.4#

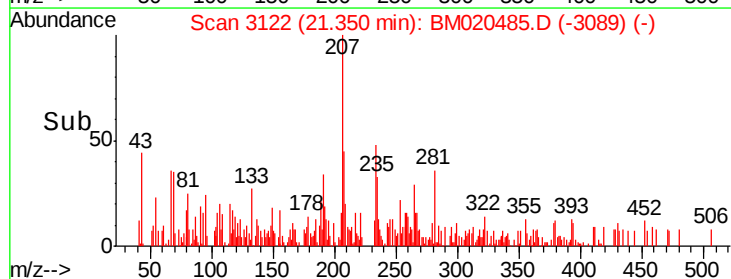
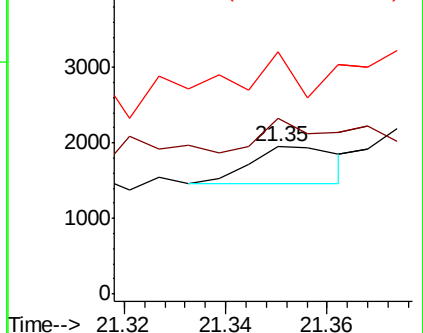
229 164.6 15.4 23.2#

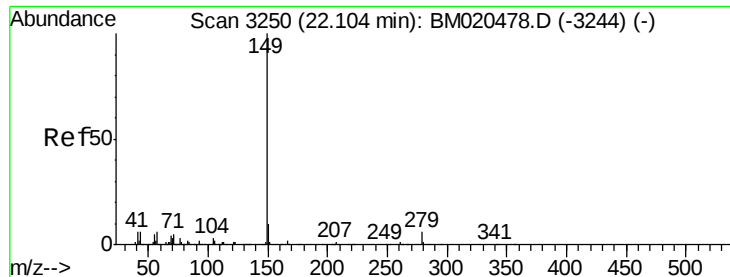


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Di-n-octyl phthalate

Concen: 35.044 ng/ul

RT: 22.07 min Scan# 3245

Delta R.T. -0.03 min

Lab File: BM020485.D

Acq: 22 May 2019 06:30

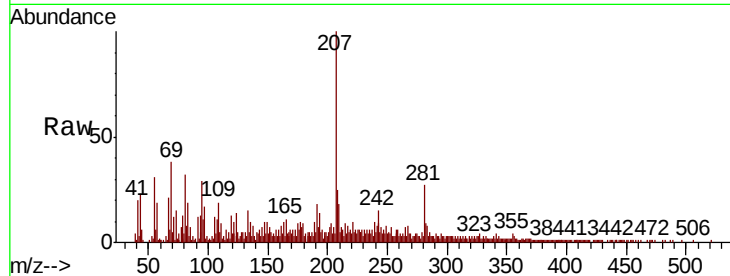
Instrument :

BNA_M

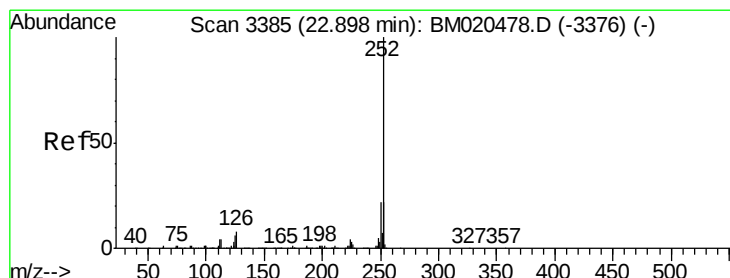
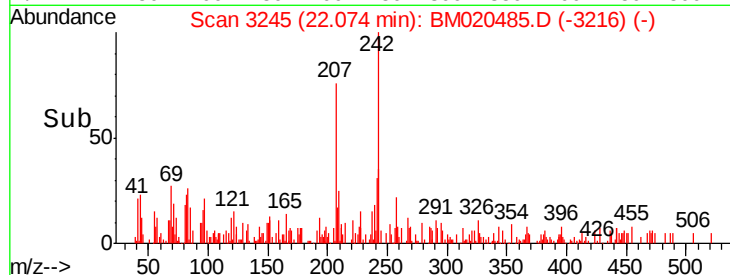
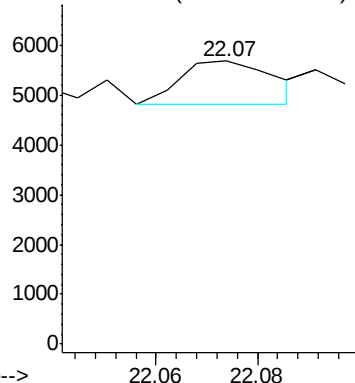
ClientSampleId :

A4257

Tgt Ion:149 Resp: 1096



Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 4.217 ng/ul

RT: 22.89 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BM020485.D

Acq: 22 May 2019 06:30

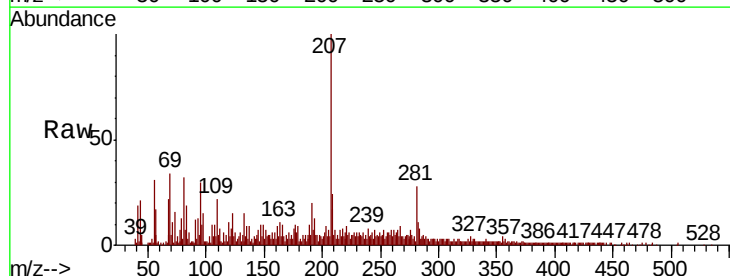
Tgt Ion:252 Resp: 155

Ion Ratio Lower Upper

252 100

253 163.0 17.0 25.6#

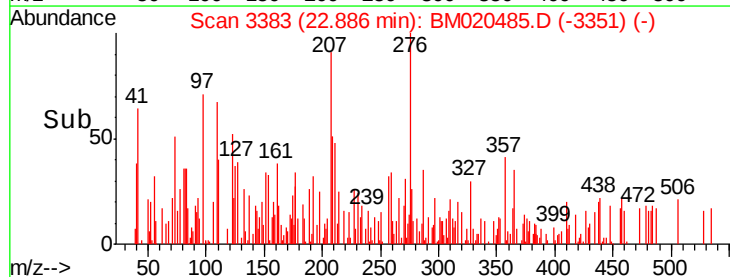
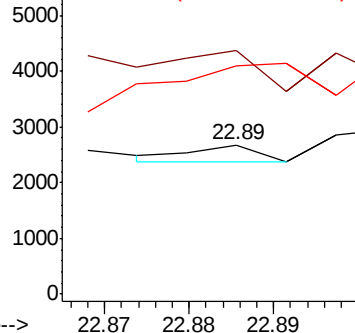
125 153.2 5.0 7.4#

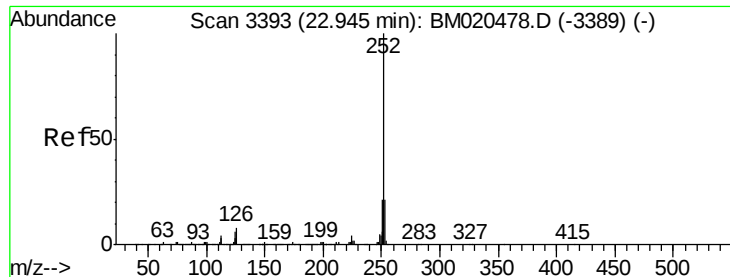


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.631 ng/u1

RT: 22.92 min Scan# 3389

Delta R.T. -0.02 min

Lab File: BM020485.D

Acq: 22 May 2019 06:30

Instrument :

BNA_M

ClientSampleId :

A4257

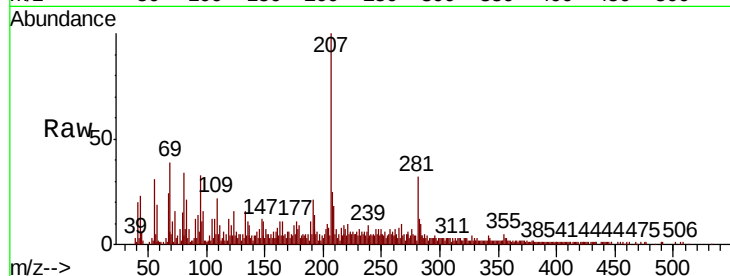
Tgt Ion:252 Resp: 95

Ion Ratio Lower Upper

252 100

253 151.6 17.6 26.4#

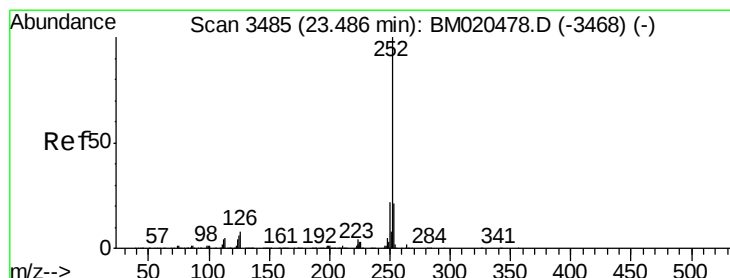
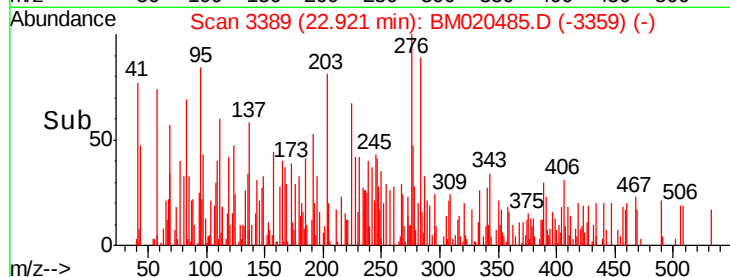
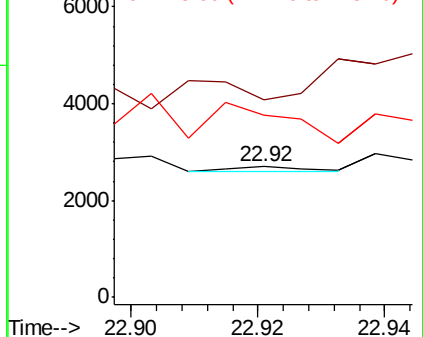
125 139.7 5.0 7.6#



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: 317.409 ng/u1

RT: 23.37 min Scan# 3465

Delta R.T. -0.12 min

Lab File: BM020485.D

Acq: 22 May 2019 06:30

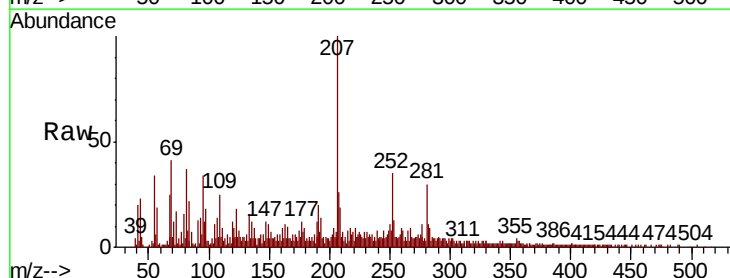
Tgt Ion:252 Resp: 10979

Ion Ratio Lower Upper

252 100

253 36.4 17.4 26.2#

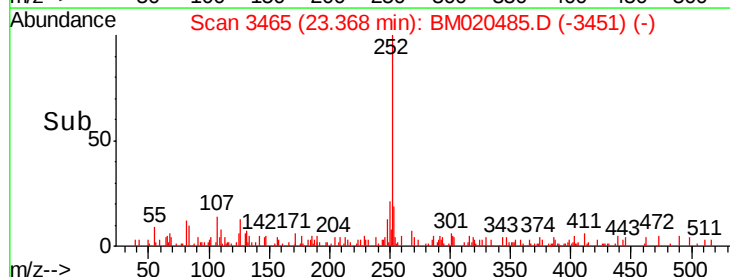
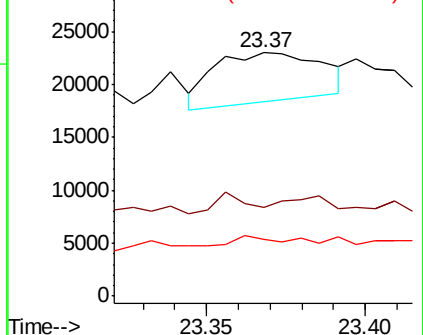
125 23.4 5.4 8.2#

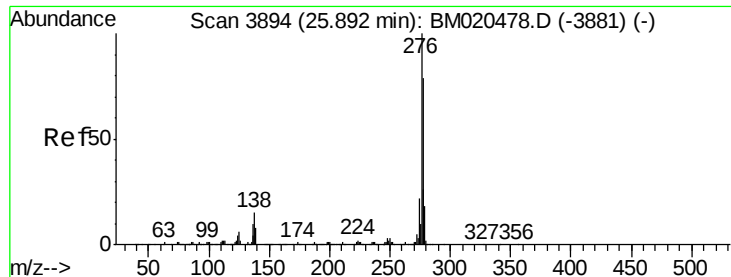


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



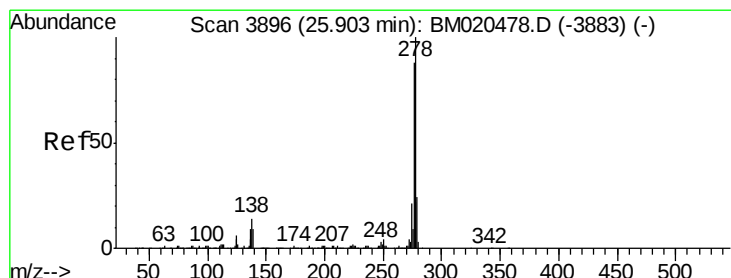
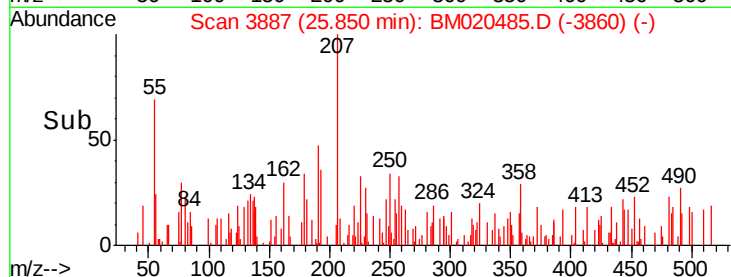
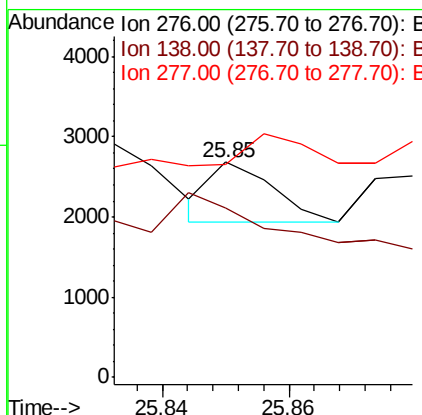
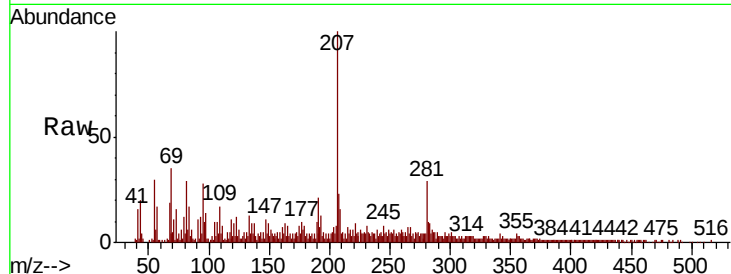


#91

Indeno(1,2,3-cd)pyrene
Concen: 12.635 ng/ul
RT: 25.85 min Scan# 3887
Delta R.T. -0.04 min
Lab File: BM020485.D
Acq: 22 May 2019 06:30

Instrument :
BNA_M
ClientSampleId :
A4257

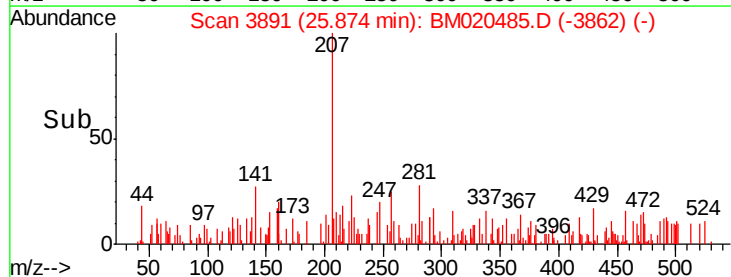
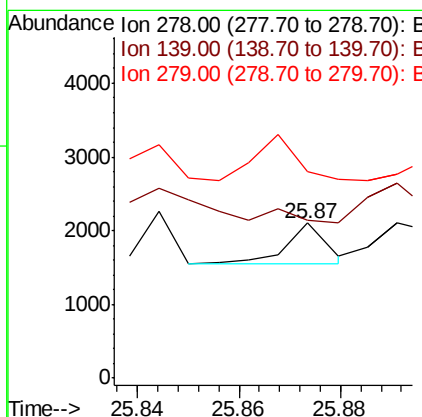
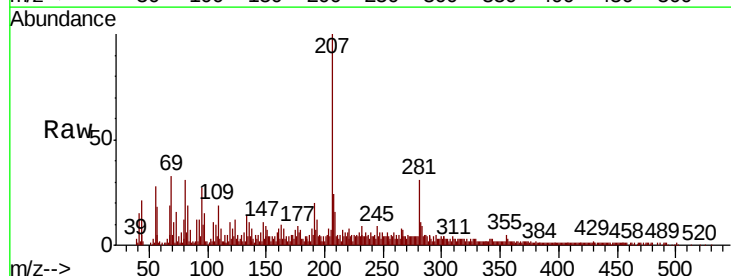
Tgt Ion: 276 Resp: 498
Ion Ratio Lower Upper
276 100
138 78.5 12.3 18.5#
277 99.1 20.0 30.0#

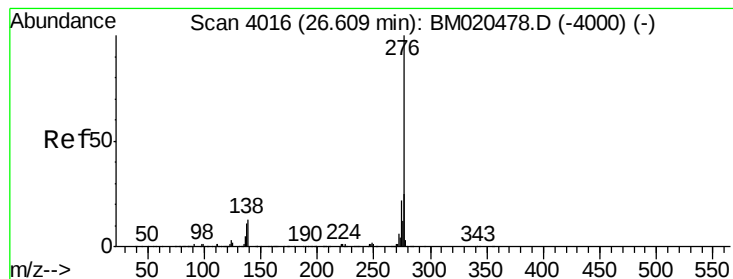


#92

Dibenzo(a,h)anthracene
Concen: 8.634 ng/ul
RT: 25.87 min Scan# 3891
Delta R.T. -0.03 min
Lab File: BM020485.D
Acq: 22 May 2019 06:30

Tgt Ion: 278 Resp: 291
Ion Ratio Lower Upper
278 100
139 102.3 8.1 12.1#
279 133.7 18.7 28.1#





#93

Benzo(g,h,i)perylene

Concen: 9.563 ng/ul

RT: 26.59 min Scan# 4013

Delta R.T. -0.02 min

Lab File: BM020485.D

Acq: 22 May 2019 06:30

Instrument :

BNA_M

ClientSampleId :

A4257

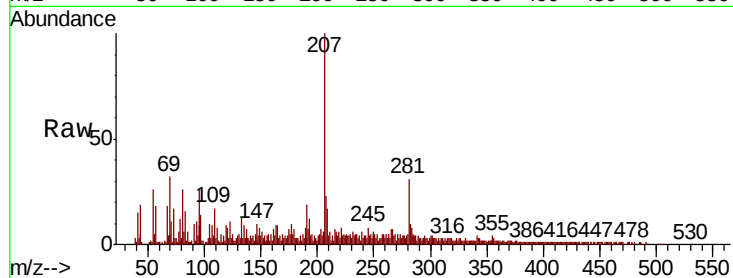
Tgt Ion: 276 Resp: 312

Ion Ratio Lower Upper

276 100

138 79.8 10.0 15.0#

277 110.9 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

