

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022365.D
 Acq On : 27 Aug 2019 13:06
 Operator : HP/JU
 Sample : K4414-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ8

Quant Time: Aug 27 17:08:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 17:04:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	35076	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.31	136	158952	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.20	164	115417	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	263247	20.00	ng/ul	-0.01
77) Chrysene-d12	21.17	240	220706	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	214729	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	3751	4.79	ng/uL	0.00
5) Phenol-d5	6.75	99	18535	6.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	45836	26.03	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.08	132	55256	22.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	38017	14.49	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	34227	28.88	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.42	143	42100	30.52	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.96	165	74999	26.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	6286	1.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	288654	28.40	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	311823	28.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	2727	1.81	ng/ul	0.05
57) Fluorene-d10	15.20	176	247328	29.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	39884	19.63	ng/ul	0.00
70) Anthracene-d10	17.06	188	418726	30.04	ng/ul	-0.01
78) Pyrene-d10	19.37	212	486742	42.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	369770	31.35	ng/ul	0.00

Target Compounds

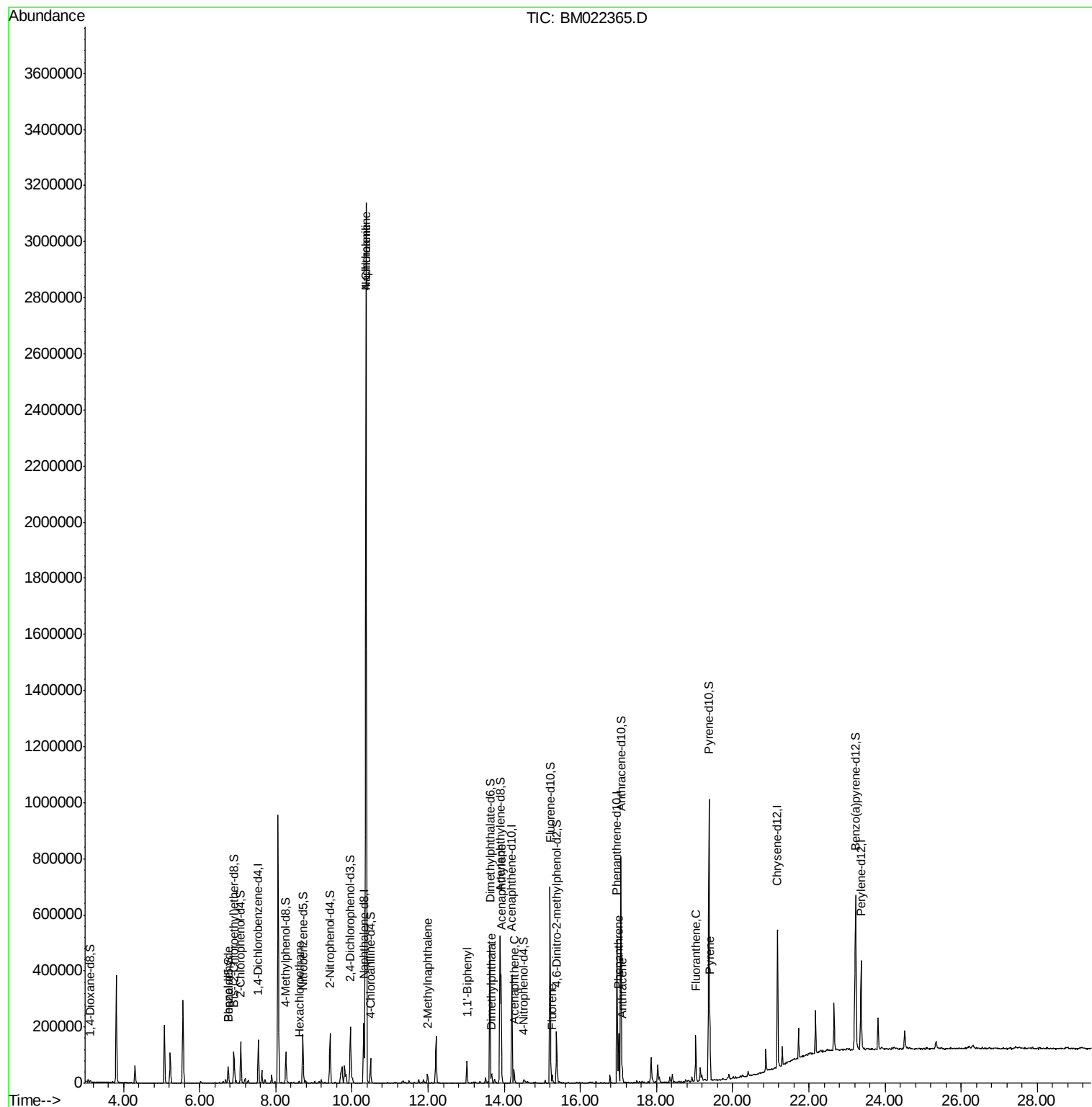
					Ovalue	
4) Benzaldehyde	6.75	77	3026	1.737	ng/ul#	1
17) Hexachloroethane	8.62	117	1292	1.039	ng/ul#	1
28) Naphthalene	10.37	128	2130893	242.921	ng/ul	99
30) 4-Chloroaniline	10.37	127	285601	80.341	ng/ul#	7
34) 2-Methylnaphthalene	11.99	142	15418	2.281	ng/ul	99
40) 1,1'-Biphenyl	13.02	154	37663	4.010	ng/ul	98
44) Dimethylphthalate	13.67	163	18228	1.762	ng/ul#	93
47) Acenaphthylene	13.92	152	228907	20.164	ng/ul	99
49) Acenaphthene	14.26	153	19665	2.440	ng/ul	99
58) Fluorene	15.26	166	16222	1.604	ng/ul	93
69) Phenanthrene	17.00	178	94262	5.985	ng/ul	99
71) Anthracene	17.10	178	37496	2.288	ng/ul	99
76) Fluoranthene	19.03	202	87092	3.670	ng/ul	99
79) Pyrene	19.40	202	119571	8.370	ng/ul	99

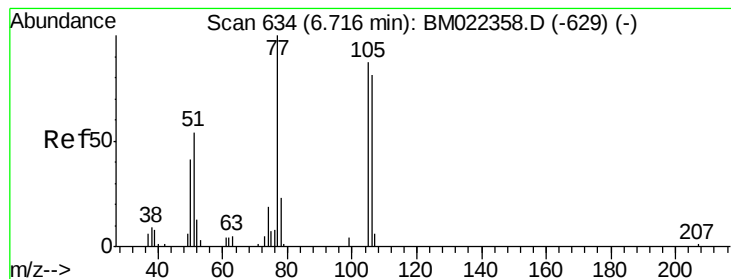
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 17:04:34 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.737 ng/ul

RT: 6.75 min Scan# 640

Delta R.T. 0.02 min

Lab File: BM022365.D

Acq: 27 Aug 2019 13:06

Instrument :

BNA_M

ClientSampleId :

ETJQ8

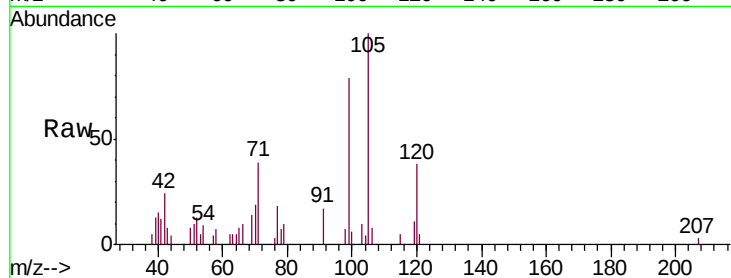
Tot Ion: 77 Resp: 3026

Ion Ratio Lower Upper

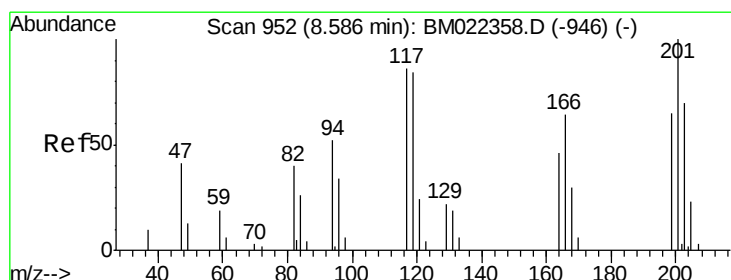
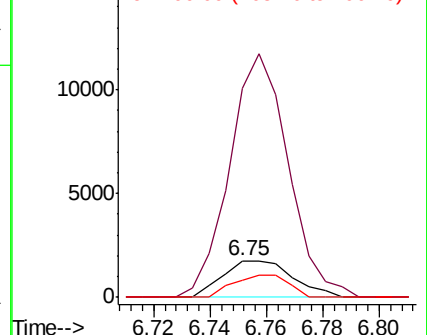
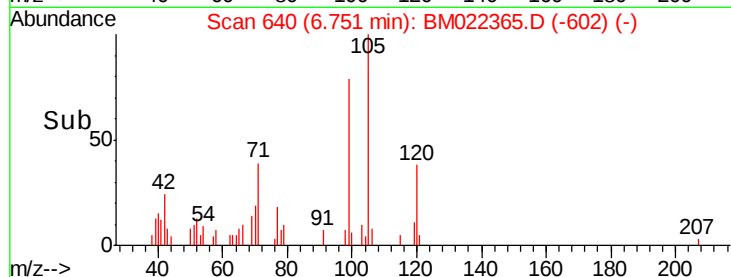
77 100

105 569.4 71.7 107.5#

106 45.2 71.7 107.5#



Abundance Ion 77.00 (76.70 to 77.70): BM022365.D (-602) (-)



#17

Hexachloroethane

Concen: 1.039 ng/ul

RT: 8.62 min Scan# 957

Delta R.T. 0.02 min

Lab File: BM022365.D

Acq: 27 Aug 2019 13:06

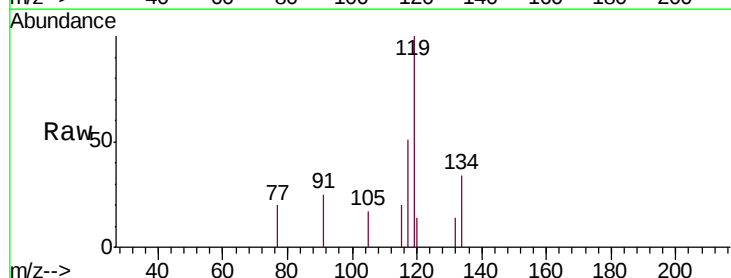
Tgt Ion: 117 Resp: 1292

Ion Ratio Lower Upper

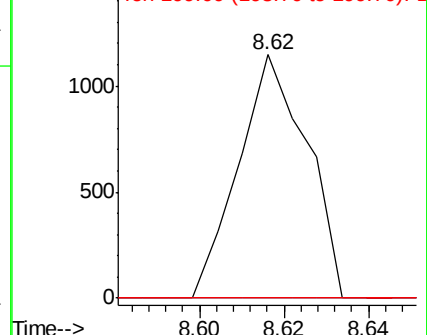
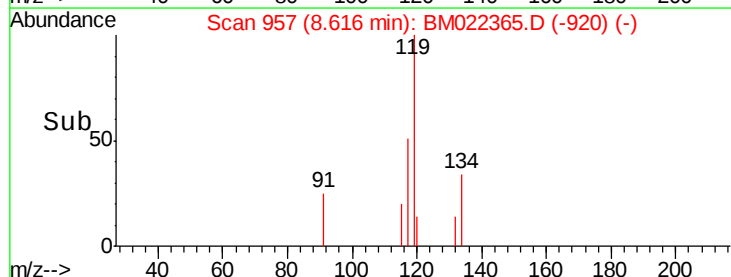
117 100

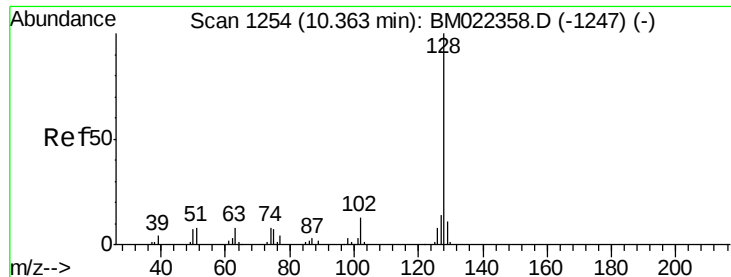
201 0.0 95.9 143.9#

199 0.0 60.6 90.8#



Abundance Ion 117.00 (116.70 to 117.70): BM022365.D (-920) (-)

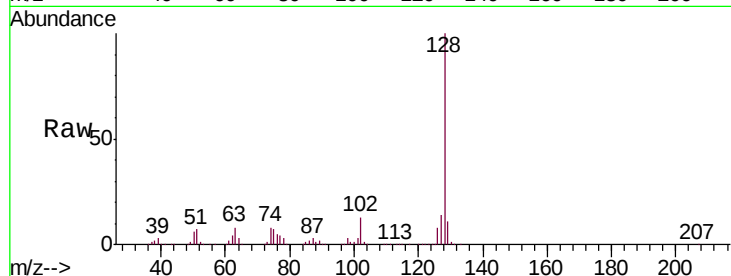




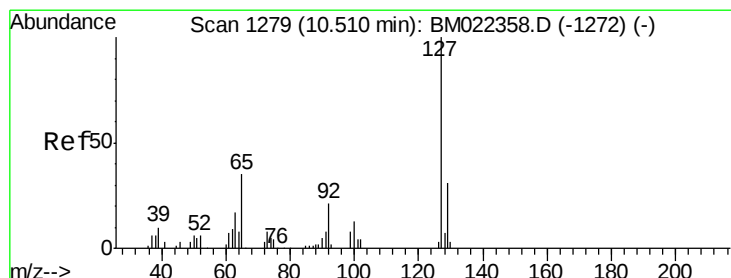
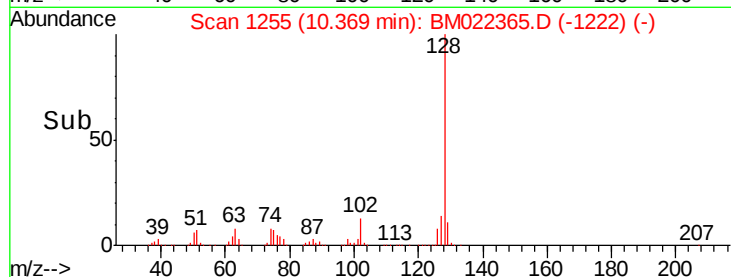
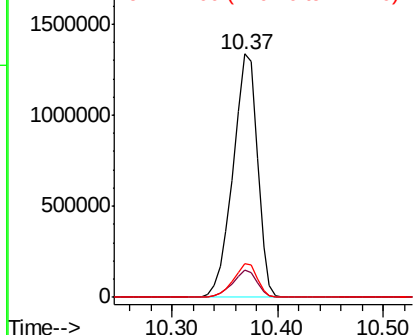
#28
Naphthalene
Concen: 242.921 ng/ul
RT: 10.37 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BM022365.D
Acq: 27 Aug 2019 13:06

Instrument :
BNA_M
ClientSampleId :
ETJQ8

Tot Ion:128 Resp: 2130893
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.7 10.4 15.6

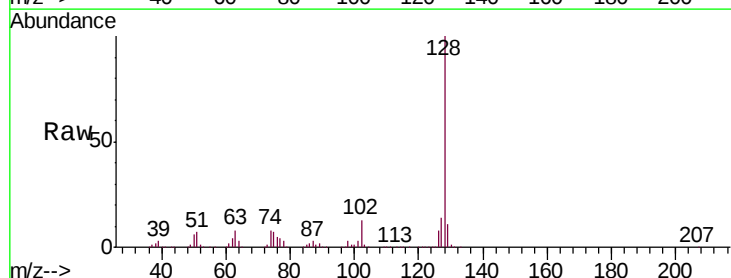


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

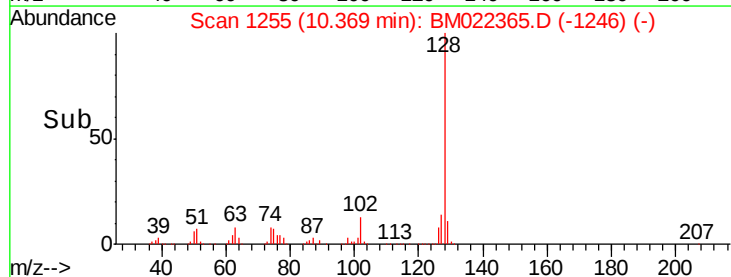
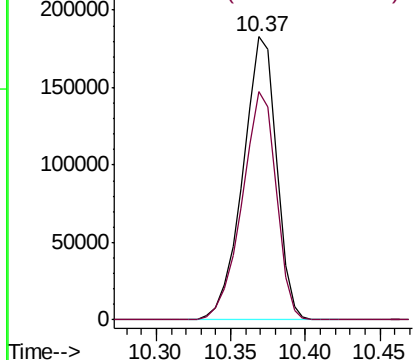


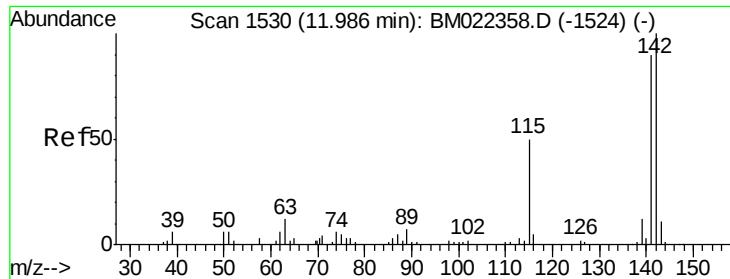
#30
4-Chloroaniline
Concen: 80.341 ng/ul
RT: 10.37 min Scan# 1255
Delta R.T. -0.15 min
Lab File: BM022365.D
Acq: 27 Aug 2019 13:06

Tgt Ion:127 Resp: 285601
Ion Ratio Lower Upper
127 100
129 80.8 24.2 36.4#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

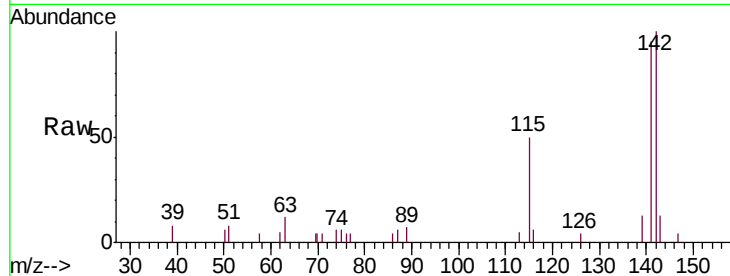




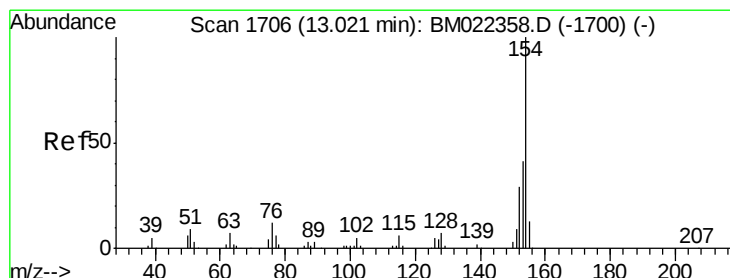
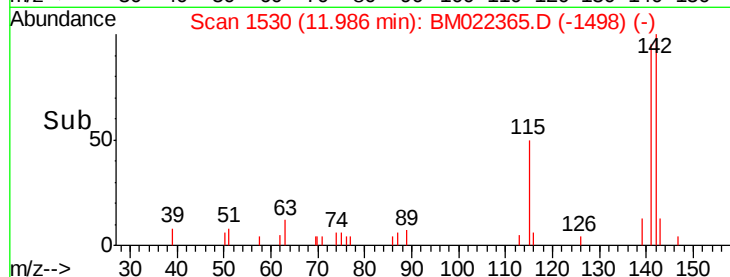
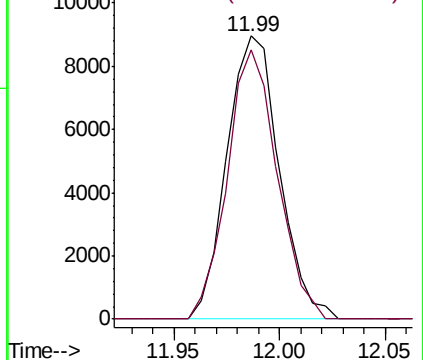
#34
 2-Methylnaphthalene
 Concen: 2.281 ng/ul
 RT: 11.99 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BM022365.D
 Acq: 27 Aug 2019 13:06

Instrument :
 BNA_M
 ClientSampleID :
 ETJQ8

Tot Ion:142 Resp: 15418
 Ion Ratio Lower Upper
 142 100
 141 95.0 75.1 112.7

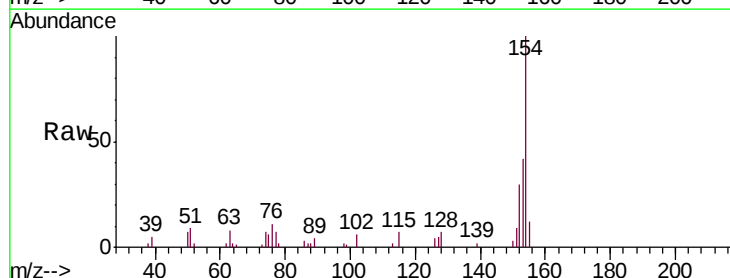


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

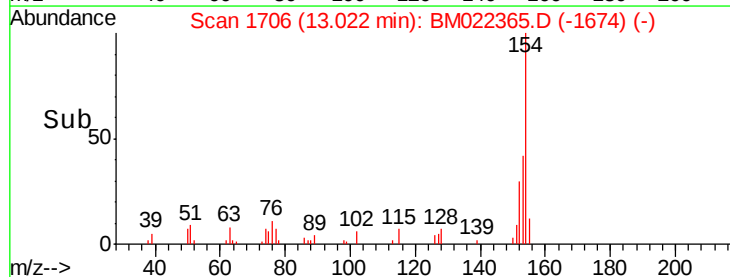
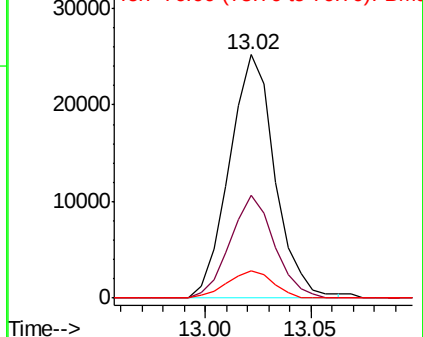


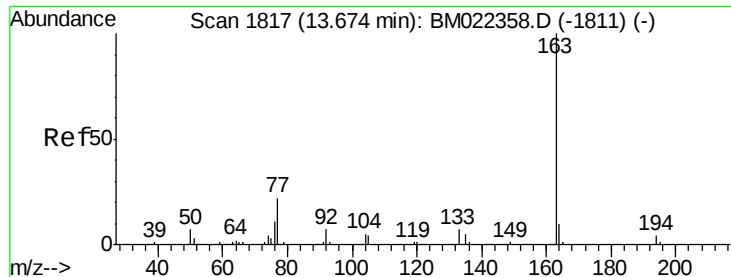
#40
 1,1'-Biphenyl
 Concen: 4.010 ng/ul
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BM022365.D
 Acq: 27 Aug 2019 13:06

Tgt Ion:154 Resp: 37663
 Ion Ratio Lower Upper
 154 100
 153 42.4 32.5 48.7
 76 11.4 9.2 13.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

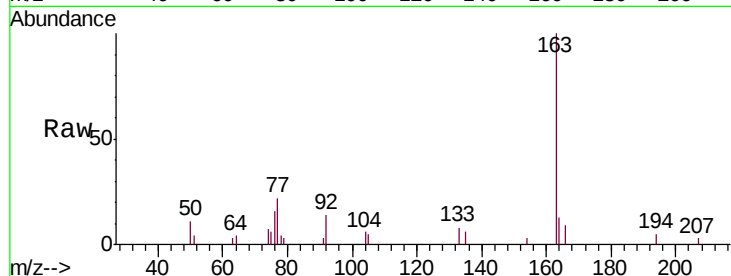




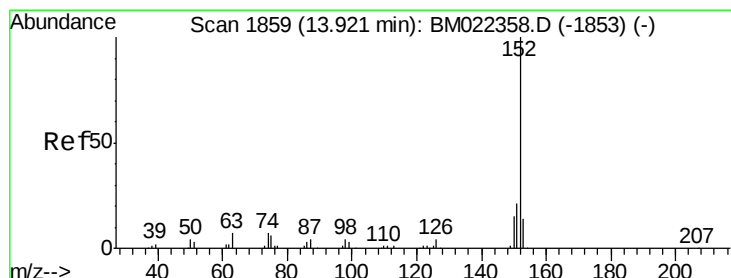
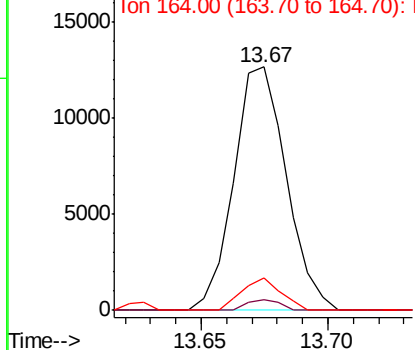
#44
Dimethylphthalate
Concen: 1.762 ng/ul
RT: 13.67 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM022365.D
Acq: 27 Aug 2019 13:06

Instrument :
BNA_M
ClientSampleId :
ETJQ8

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.0	4.6#
164	13.2	7.8	11.8#

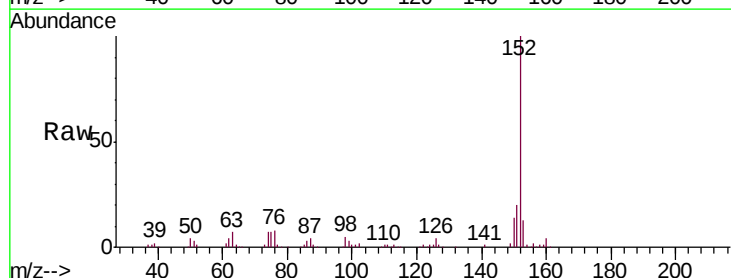


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

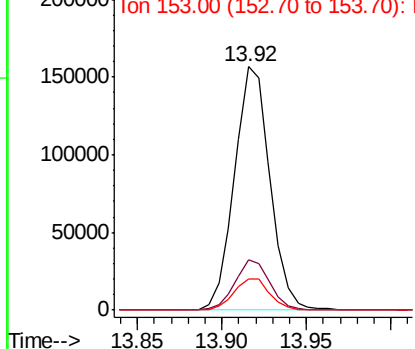


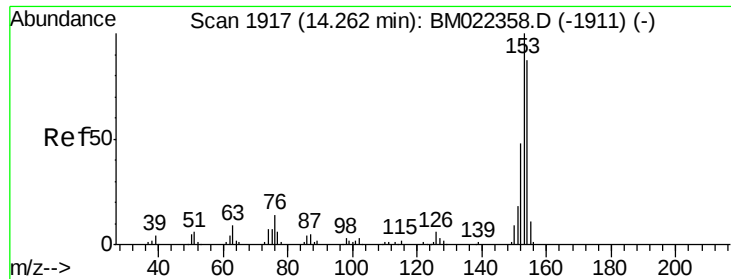
#47
Acenaphthylene
Concen: 20.164 ng/ul
RT: 13.92 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BM022365.D
Acq: 27 Aug 2019 13:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.0	24.0
153	12.9	10.4	15.6



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: 2.440 ng/ul

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM022365.D

Acq: 27 Aug 2019 13:06

Instrument :

BNA_M

ClientSampleId :

ETJQ8

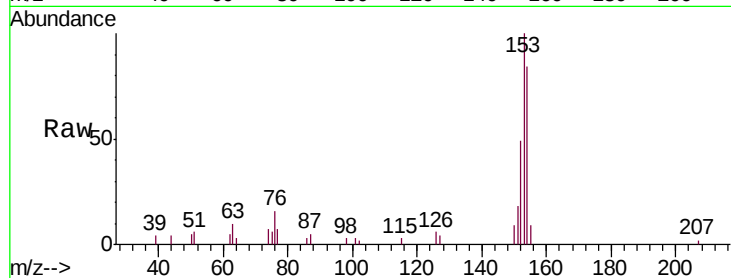
Tot Ion:153 Resp: 19665

Ion Ratio Lower Upper

153 100

152 48.6 38.6 58.0

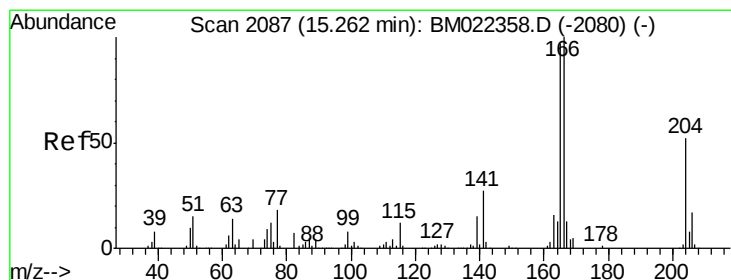
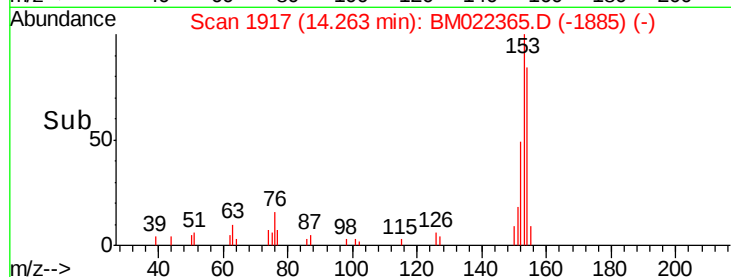
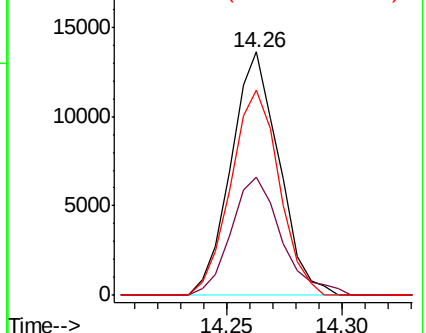
154 84.3 68.9 103.3



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



#58

Fluorene

Concen: 1.604 ng/ul

RT: 15.26 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BM022365.D

Acq: 27 Aug 2019 13:06

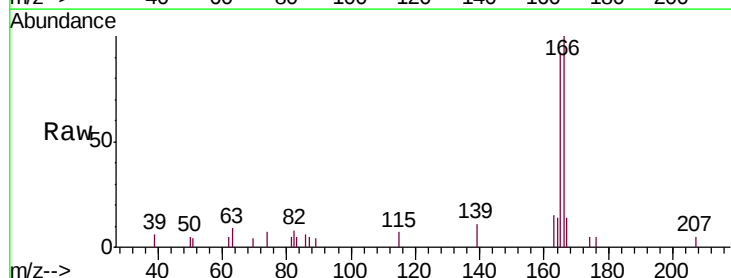
Tgt Ion:166 Resp: 16222

Ion Ratio Lower Upper

166 100

165 92.2 80.2 120.2

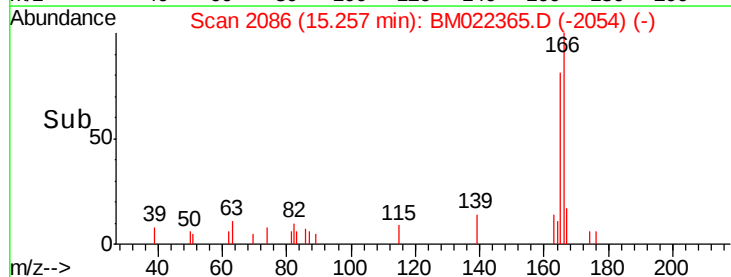
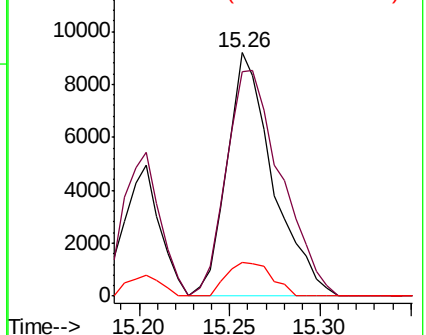
167 13.7 11.4 17.0

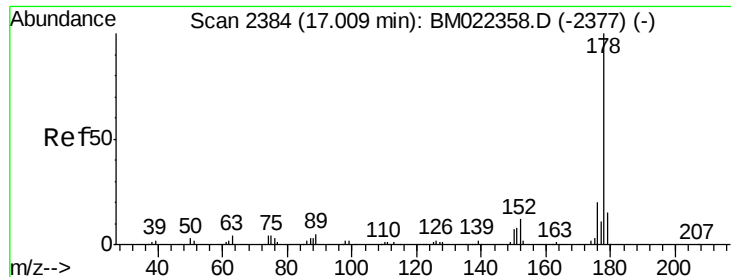


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 5.985 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM022365.D

Acq: 27 Aug 2019 13:06

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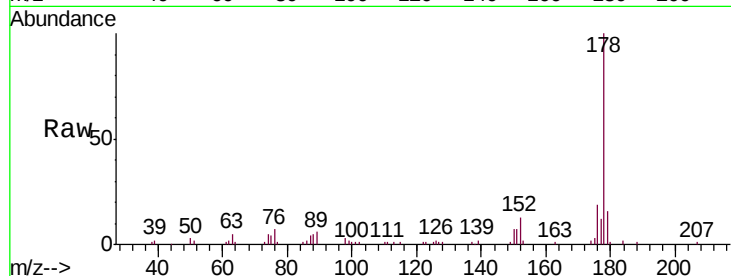
Tot Ion:178 Resp: 94262

Ion Ratio Lower Upper

178 100

179 16.3 12.4 18.6

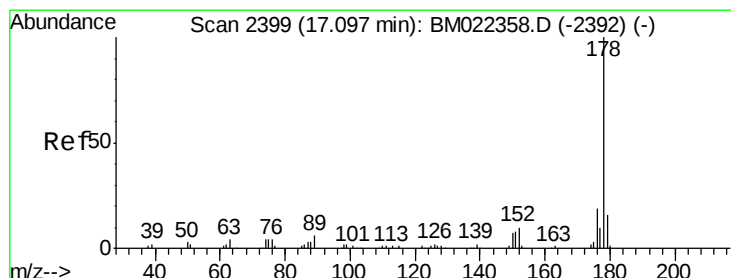
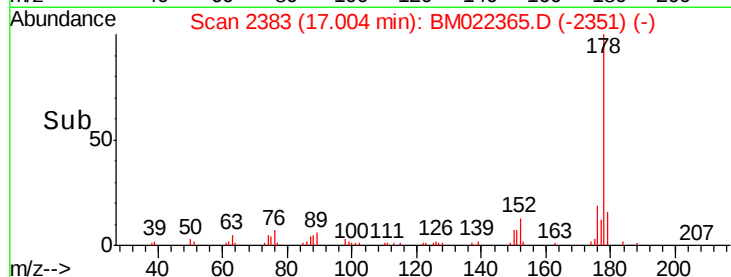
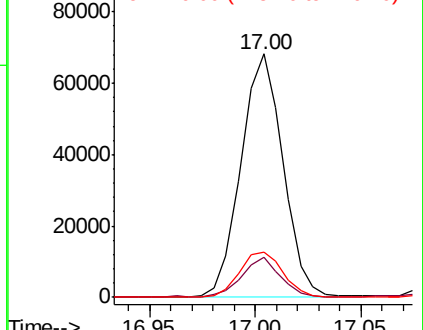
176 18.7 15.4 23.0



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: 2.288 ng/ul

RT: 17.10 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM022365.D

Acq: 27 Aug 2019 13:06

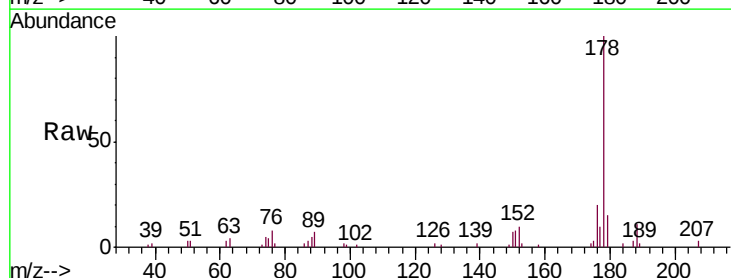
Tgt Ion:178 Resp: 37496

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

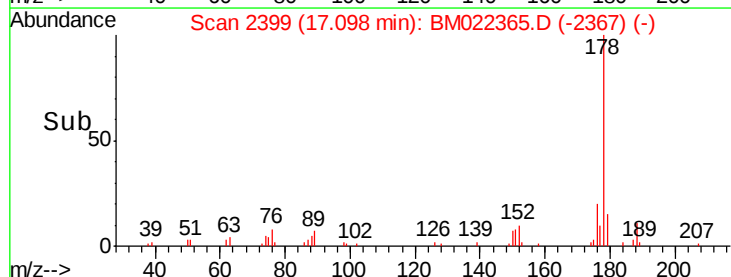
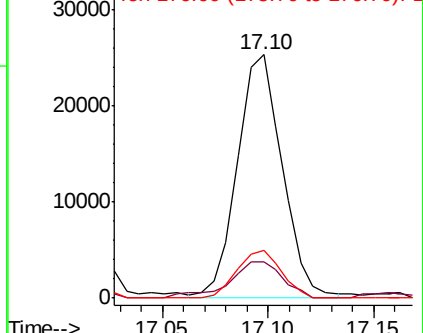
176 19.8 15.5 23.3

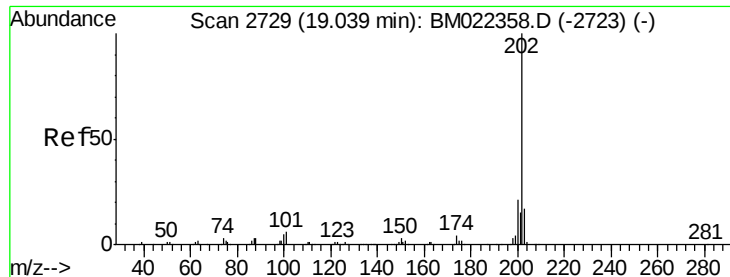


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 3.670 ng/ul

RT: 19.03 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM022365.D

Acq: 27 Aug 2019 13:06

Instrument :

BNA_M

ClientSampleId :

ETJQ8

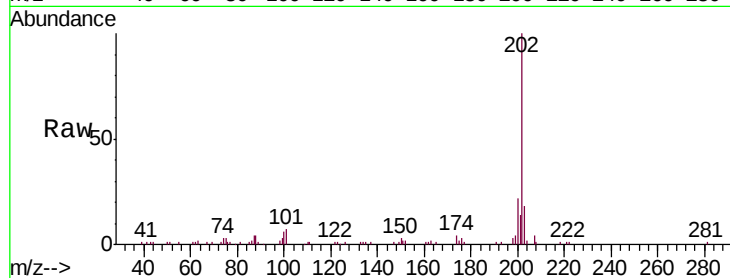
Tot Ion:202 Resp: 87092

Ion Ratio Lower Upper

202 100

101 6.9 5.3 7.9

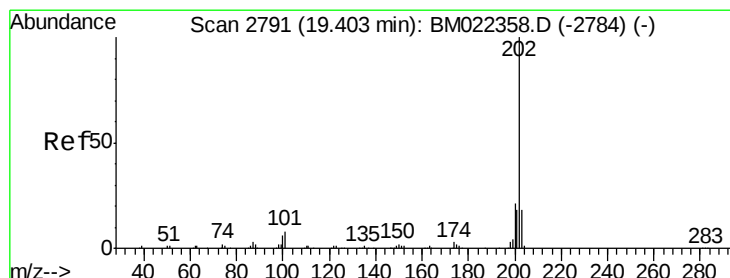
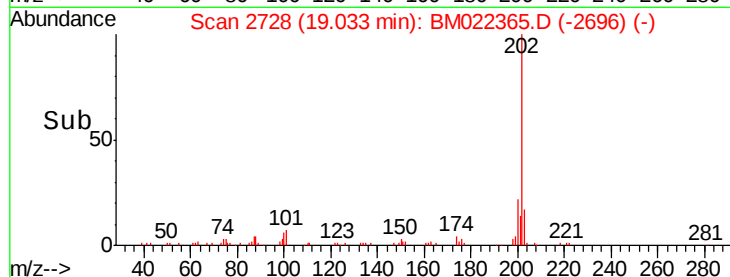
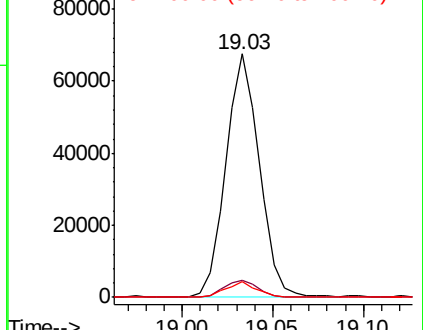
100 6.4 4.6 6.8



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: 8.370 ng/ul

RT: 19.40 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM022365.D

Acq: 27 Aug 2019 13:06

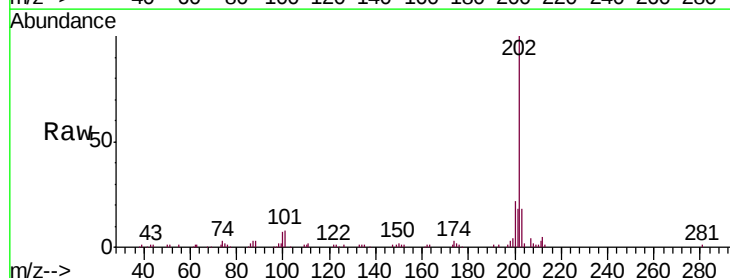
Tgt Ion:202 Resp: 119571

Ion Ratio Lower Upper

202 100

101 8.3 7.0 10.4

100 7.0 5.8 8.8



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

