

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

Manual Integrations
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Quant Time: Aug 27 18:23:39 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	6414m	4.26	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	
28) Naphthalene	10.37	128	2130893	242.921	ng/ul	99
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

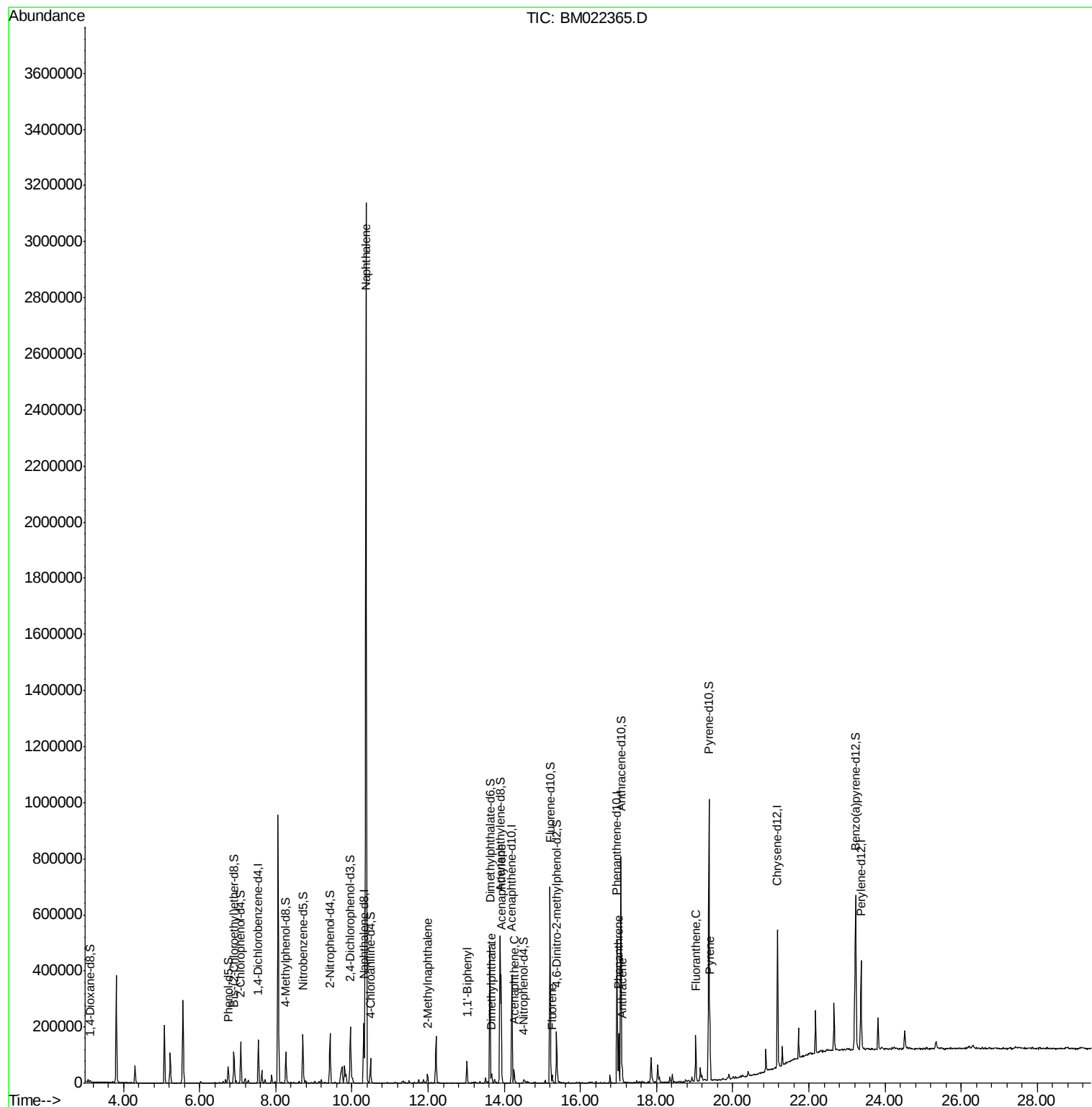
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022365.D
Acq On : 27 Aug 2019 13:06
Operator : HP/JU
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Misc :
ALS Vial : 43 Sample Multiplier: 1

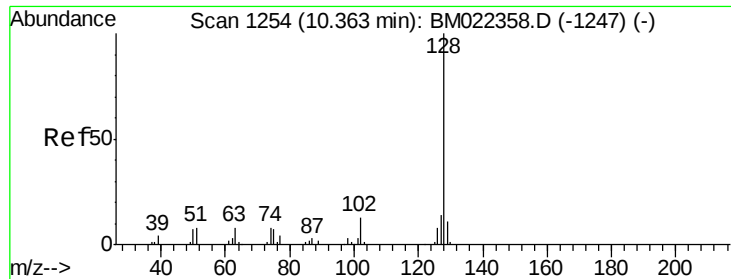
Instrument :
BNA_M
ClientSampleId :
ETJQ8

Quant Time: Aug 27 18:23:39 2019
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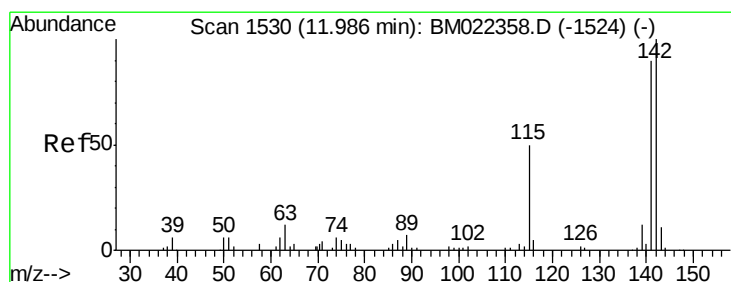
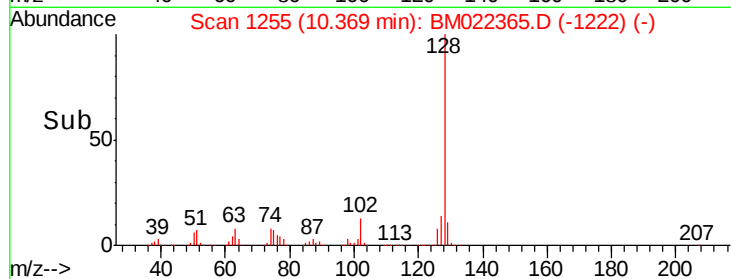
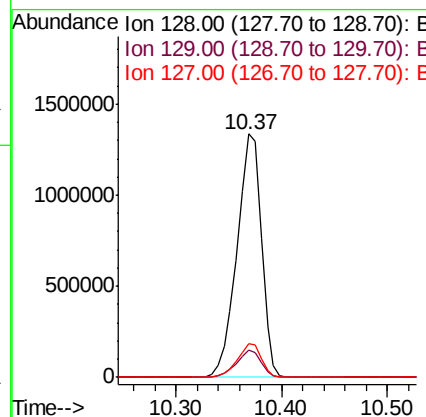
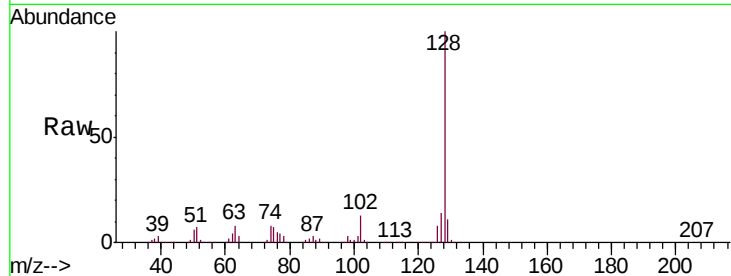
#28
Naphthalene
Concen: 242.921 ng/ul
RT: 10.37 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BM022365.D
Acq: 27 Aug 2019 13:06

Instrument :
BNA_M
ClientSampleId :
ETJQ8

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

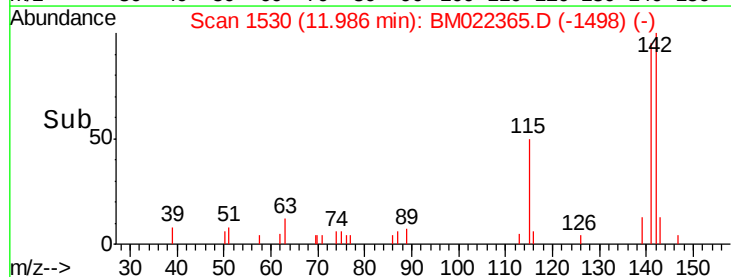
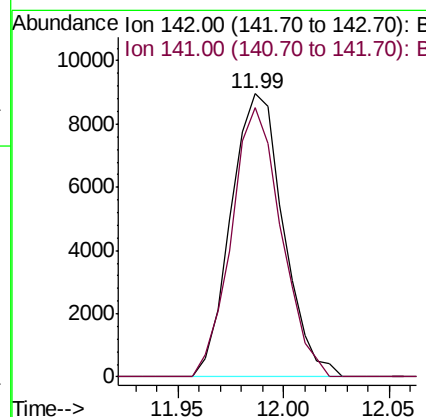
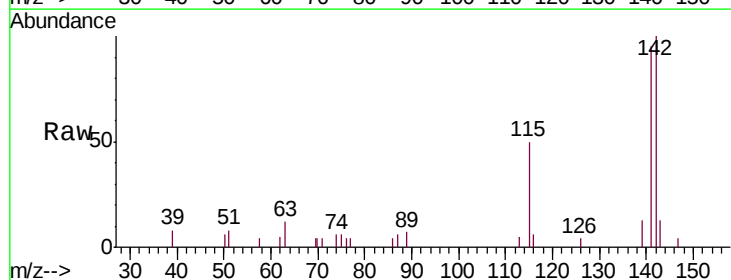
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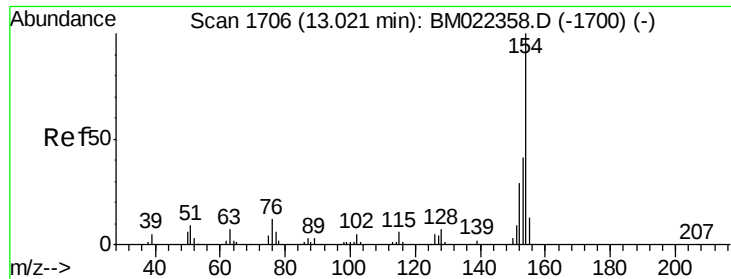
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#34
2-Methylnaphthalene
Concen: 2.281 ng/ul
RT: 11.99 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BM022365.D
Acq: 27 Aug 2019 13:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.1	112.7





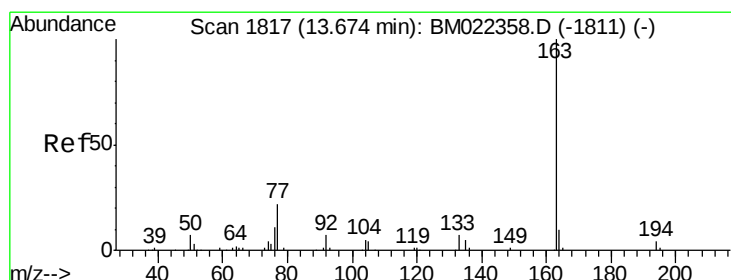
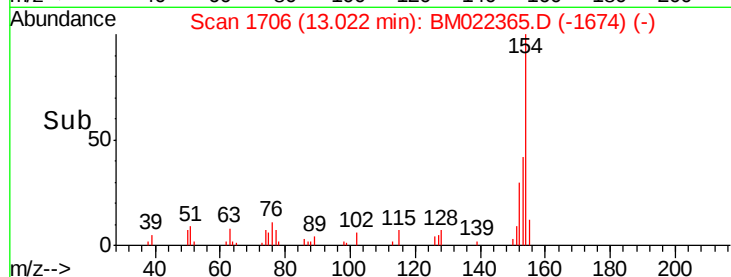
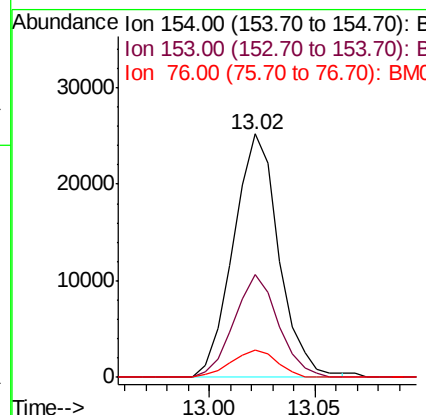
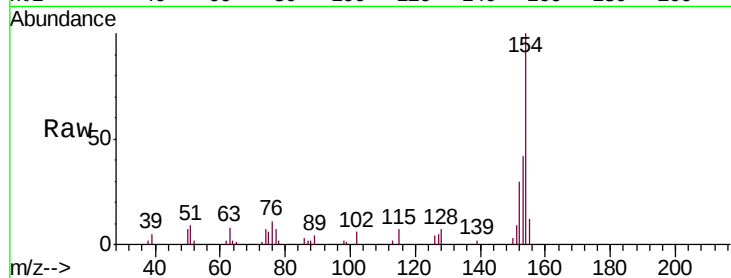
#40
 1,1'-Biphenyl
 Concen: 4.010 ng/ul
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BM022365.D
 Acq: 27 Aug 2019 13:06

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ8

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	32.5	48.7
76	11.4	9.2	13.8

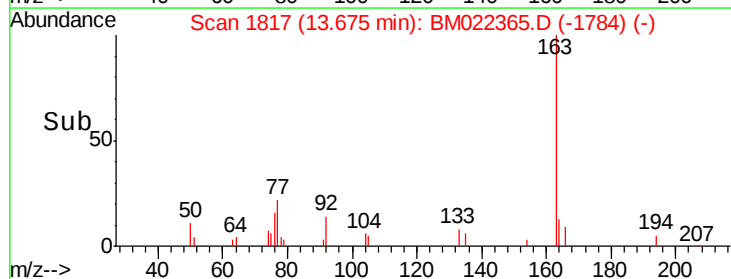
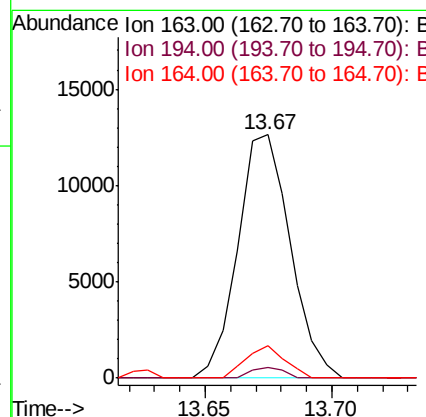
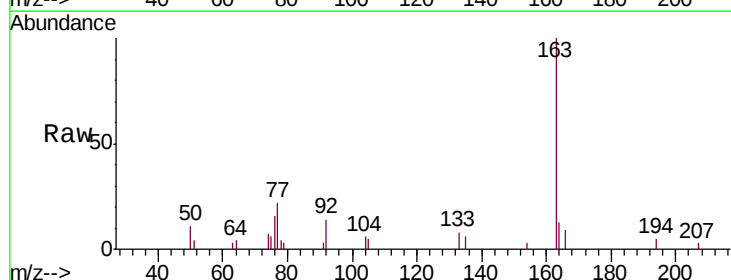
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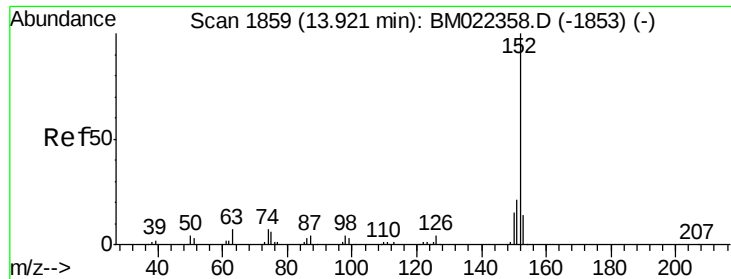
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#44
 Dimethylphthalate
 Concen: 1.762 ng/ul
 RT: 13.67 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BM022365.D
 Acq: 27 Aug 2019 13:06

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





#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

Instrument :

BNA_M

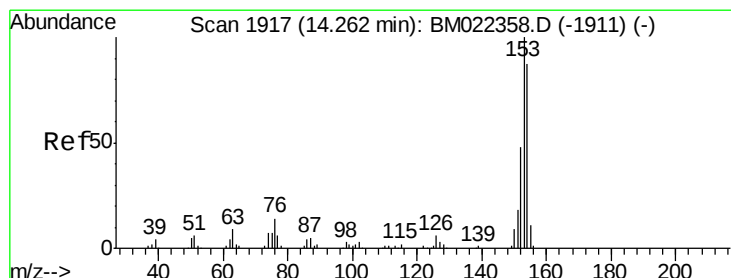
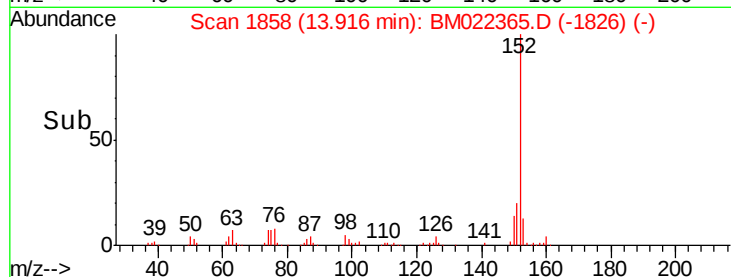
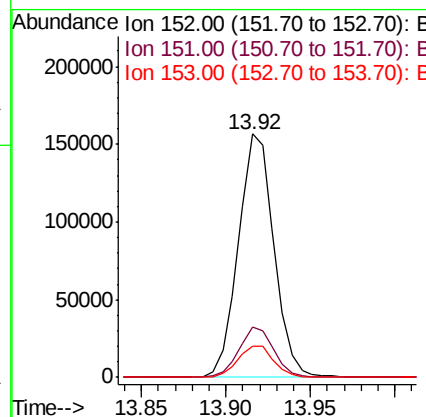
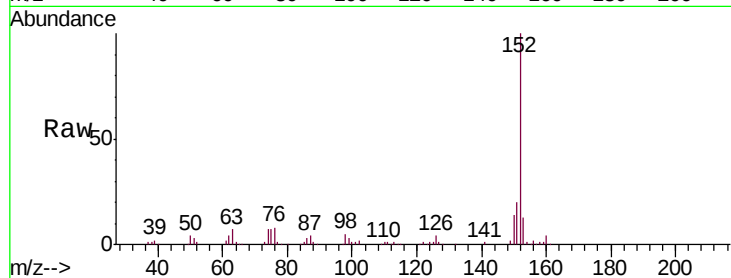
ClientSampleId :

ETJQ8

Tot Ion:	152	Resp:	228907
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.0	24.0
153	12.9	10.4	15.6

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#49

Acenaphthene

Concen: 2.440 ng/ul

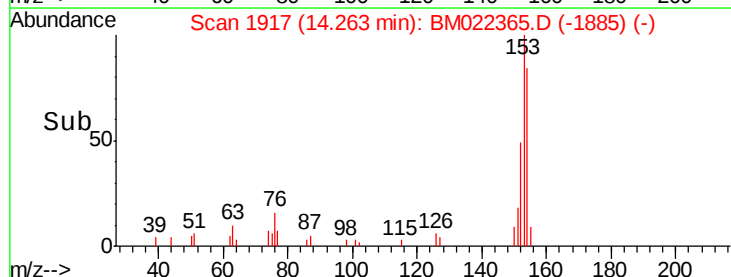
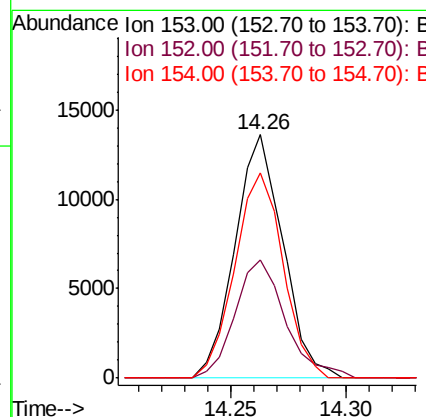
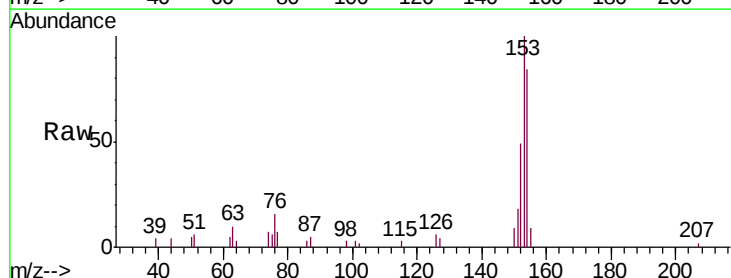
RT: 14.26 min Scan# 1917

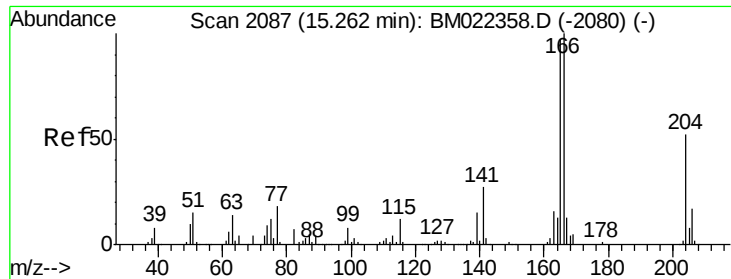
Delta R.T. -0.01 min

Lab File: BM022365.D

Acq: 27 Aug 2019 13:06

Tgt Ion:	153	Resp:	19665
Ion Ratio	Lower	Upper	
153	100		
152	48.6	38.6	58.0
154	84.3	68.9	103.3





#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

Instrument :

BNA_M

ClientSampleId :

ETJQ8

Tot Ion:166 Resp: 16222

Ion Ratio Lower Upper

166 100

165 92.2 80.2 120.2

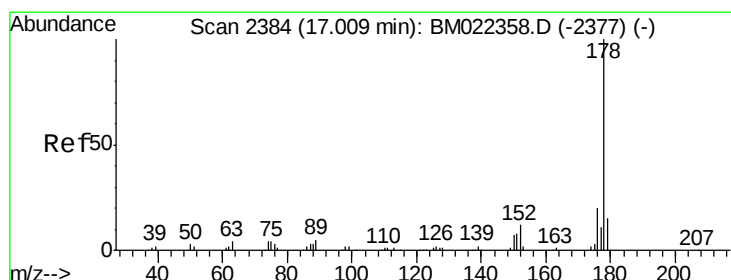
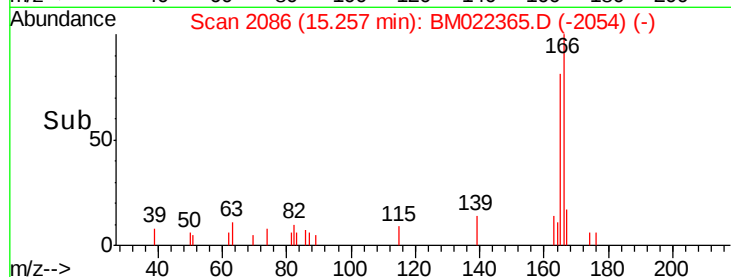
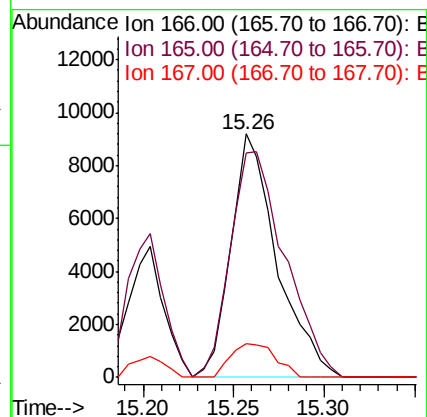
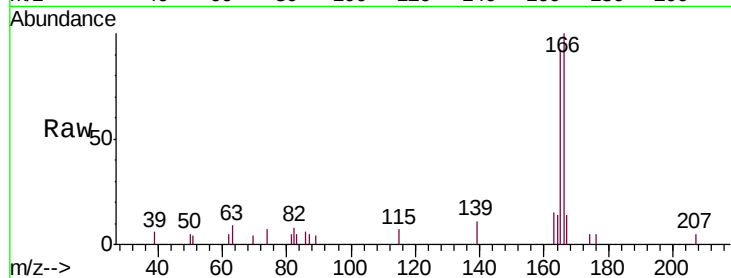
167 13.7 11.4 17.0

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#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

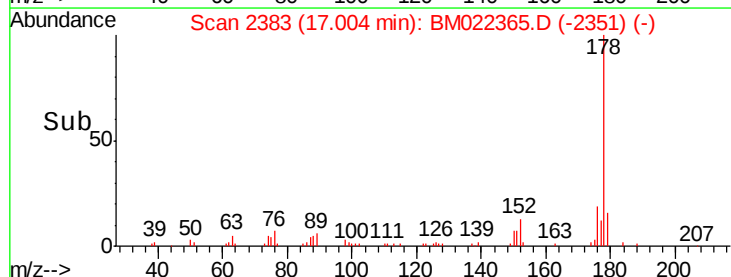
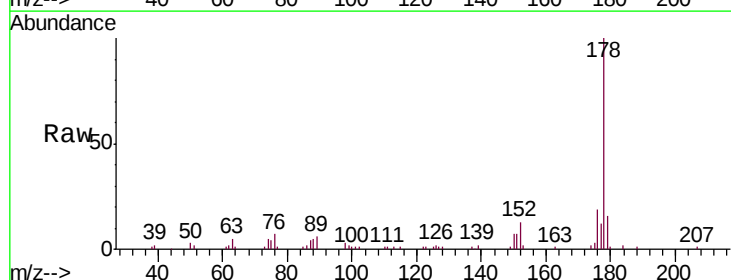
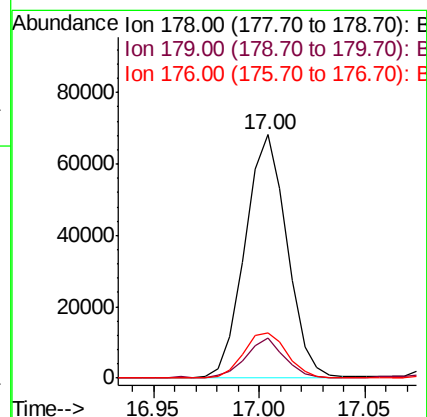
Tgt Ion:178 Resp: 94262

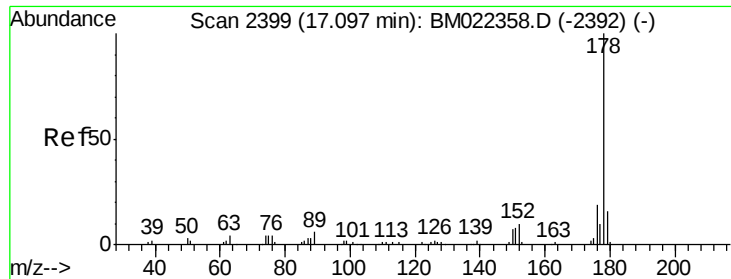
Ion Ratio Lower Upper

178 100

179 16.3 12.4 18.6

176 18.7 15.4 23.0





#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

Instrument :

BNA_M

ClientSampleId :

ETJQ8

Tot Ion:178 Resp: 37496

Ion Ratio Lower Upper

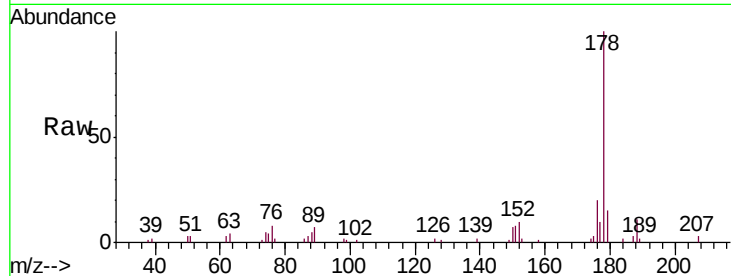
178 100

179 14.9 12.3 18.5

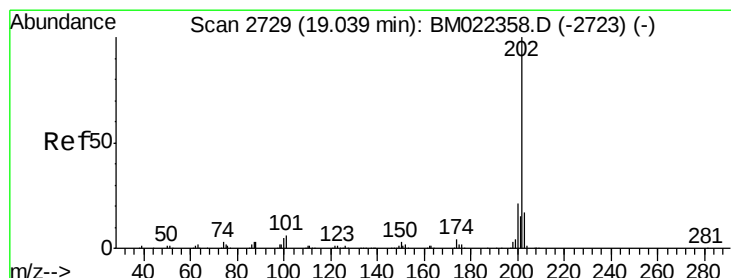
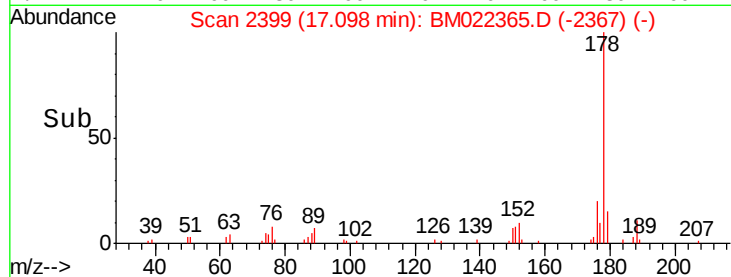
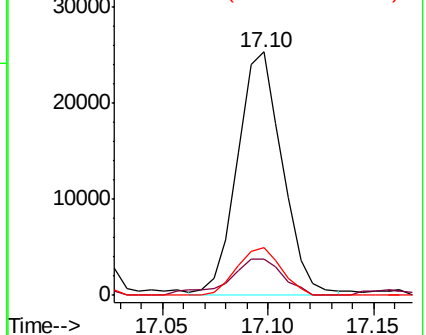
176 19.8 15.5 23.3

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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

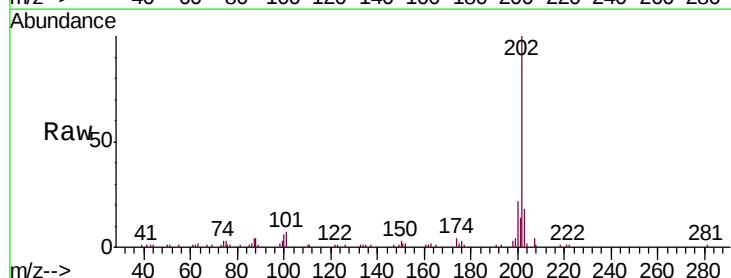
Tgt Ion:202 Resp: 87092

Ion Ratio Lower Upper

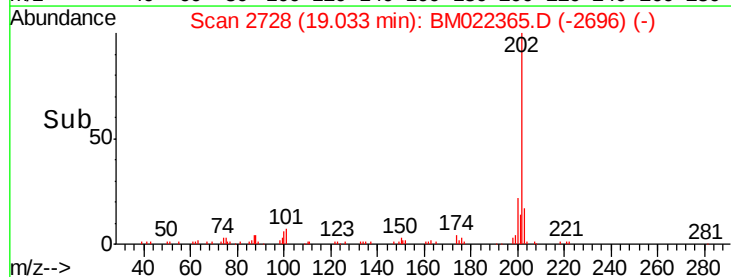
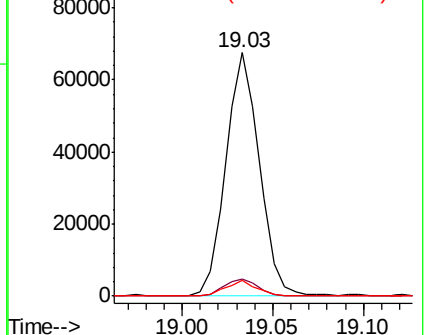
202 100

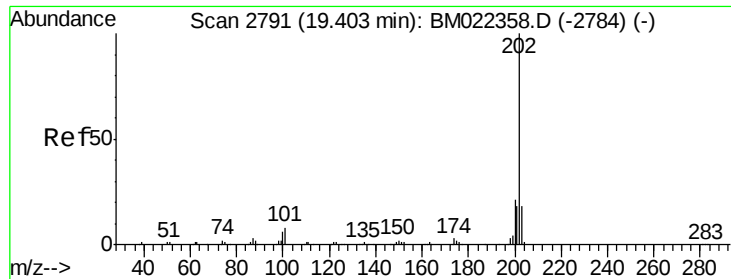
101 6.9 5.3 7.9

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
 Pvrene
 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

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.3	7.0	10.4
100	7.0	5.8	8.8

Manual Integrations
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