

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
 Data File : BM019408.D
 Acq On : 25 Mar 2019 00:49
 Operator : JU/SJ
 Sample : K2031-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 25 03:05:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 02:03:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	145258	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.39	136	593718	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.26	164	330890	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	751131	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	835654	20.00	ng/ul	-0.02
86) Perylene-d12	23.44	264	928276	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.15	96	15494	4.18	ng/uL	0.00
5) Phenol-d5	6.79	99	142243	11.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	92333	10.66	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.14	132	114094	11.64	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	87548	9.02	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	51656	12.20	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	56903	12.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	98320	11.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	65172	6.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	344706	12.91	ng/ul	-0.01
47) Acenaphthylene-d8	13.96	160	406998	12.19	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.53	143	29448	7.04	ng/ul	0.02
58) Fluorene-d10	15.26	176	303454	13.19	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	26100	5.25	ng/ul	0.00
71) Anthracene-d10	17.12	188	463949	12.87	ng/ul	-0.01
79) Pyrene-d10	19.43	212	503739	13.05	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	557812	11.34	ng/ul	-0.02

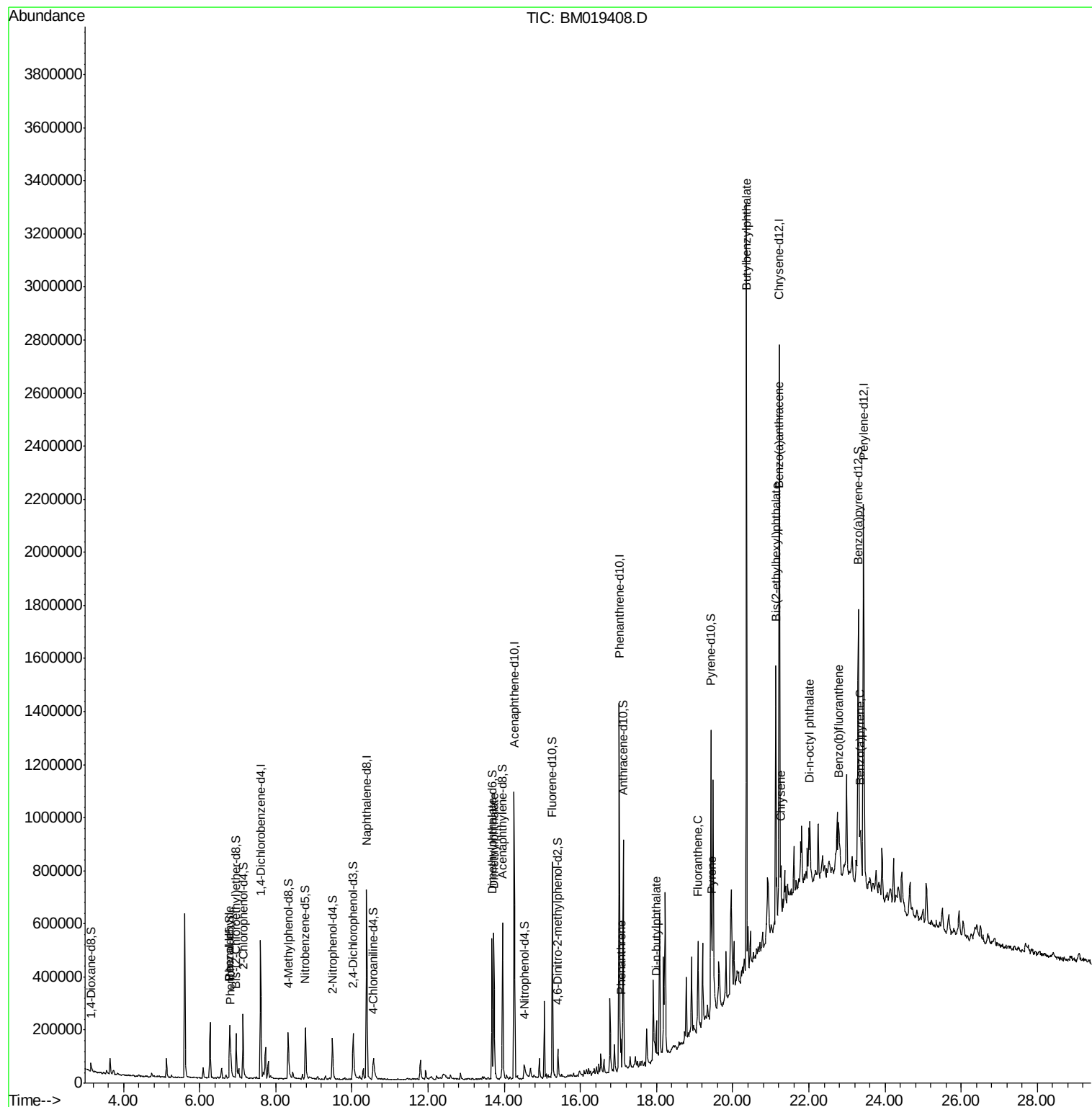
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Benzaldehyde	6.78	77	14485	1.563	ng/ul	98
6) Phenol	6.82	94	49213	3.646	ng/ul	99
45) Dimethylphthalate	13.73	163	363808	13.581	ng/ul#	98
70) Phenanthrene	17.06	178	59937	1.407	ng/ul	100
76) Di-n-butylphthalate	17.99	149	79045	1.830	ng/ul	98
77) Fluoranthene	19.09	202	180011	3.689	ng/ul#	88
80) Pyrene	19.46	202	163351	3.249	ng/ul#	83
81) Butylbenzylphthalate	20.36	149	829650	41.679	ng/ul	91
83) Benzo(a)anthracene	21.21	228	106686	2.121	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	349391	12.110	ng/ul	98
85) Chrysene	21.26	228	106111	2.199	ng/ul	96
87) Di-n-octyl phthalate	22.00	149	127168	2.196	ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	130677	2.311	ng/ul#	89
91) Benzo(a)pyrene	23.34	252	81859	1.514	ng/ul#	85

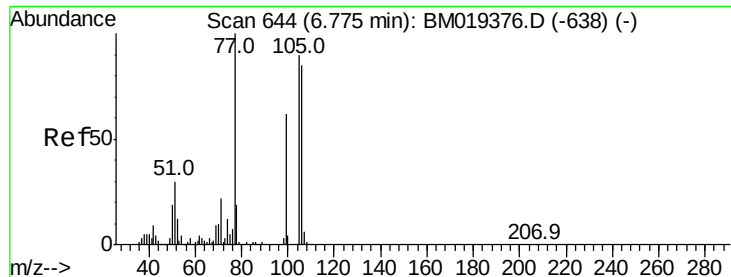
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.563 ng/ul

RT: 6.78 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM019408.D

Acq: 25 Mar 2019 00:49

Instrument :

BNA_M

ClientSampled :

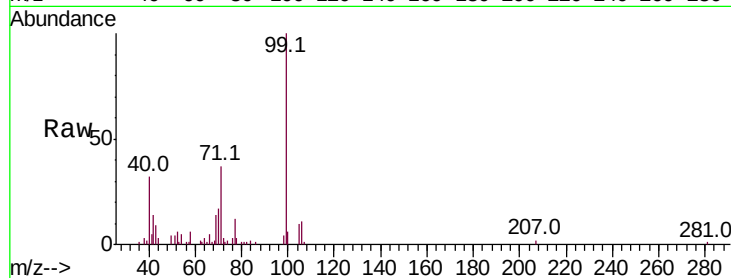
Tot Ion: 77 Resp: 14485

Ion Ratio Lower Upper

77 100

105 89.0 71.0 106.6

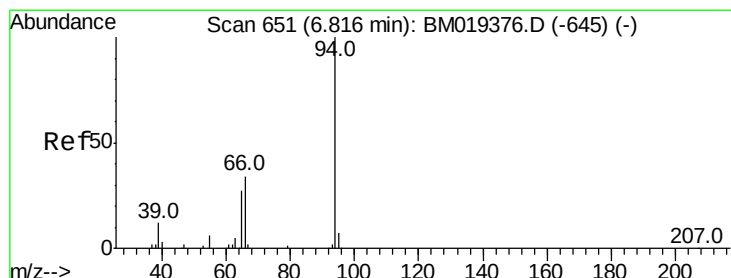
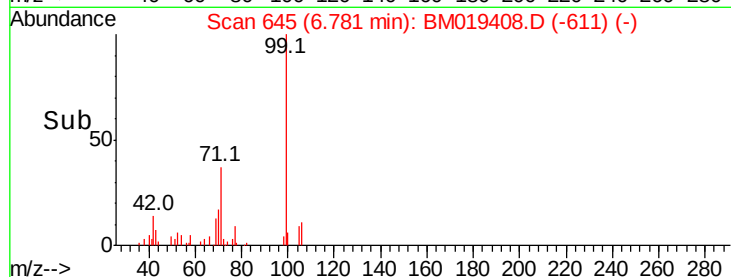
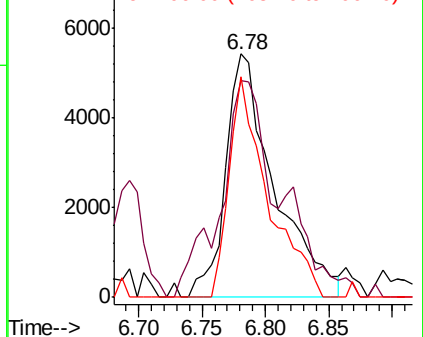
106 90.8 69.5 104.3



Abundance Ion 77.00 (76.70 to 77.70): BM019376.D (-638) (-)

Ion 105.00 (104.70 to 105.70): BM019376.D (-638) (-)

Ion 106.00 (105.70 to 106.70): BM019376.D (-638) (-)



#6

Phenol

Concen: 3.646 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. -0.00 min

Lab File: BM019408.D

Acq: 25 Mar 2019 00:49

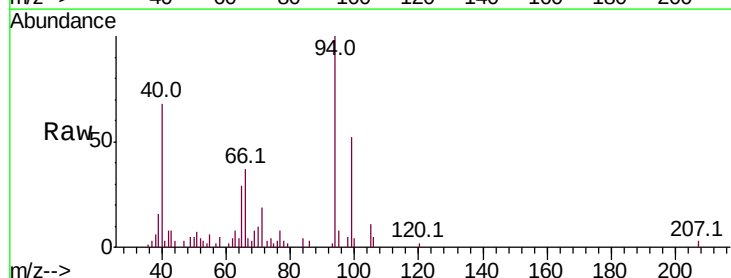
Tgt Ion: 94 Resp: 49213

Ion Ratio Lower Upper

94 100

65 29.1 23.0 34.6

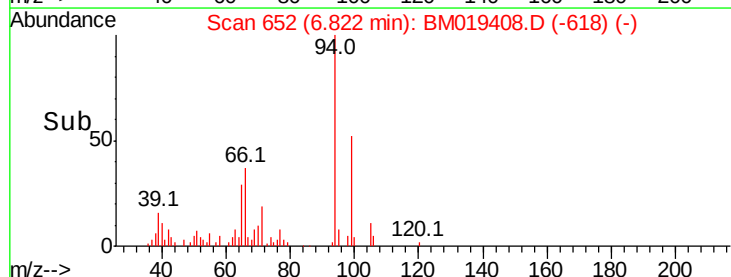
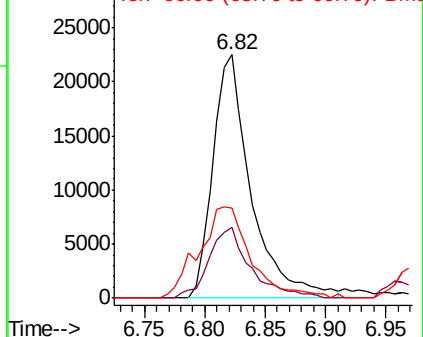
66 36.7 30.4 45.6

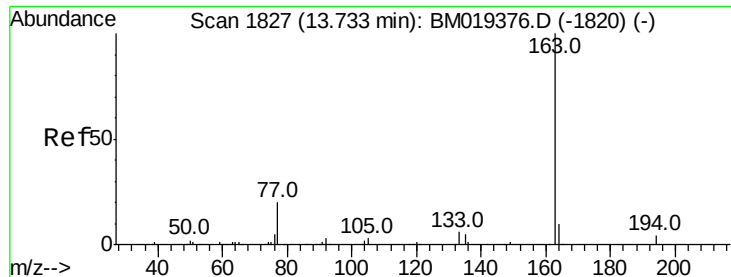


Abundance Ion 94.00 (93.70 to 94.70): BM019376.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM019376.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM019376.D (-645) (-)





#45

Dimethylphthalate

Concen: 13.581 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM019408.D

Acq: 25 Mar 2019 00:49

Instrument :

BNA_M

ClientSampleId :

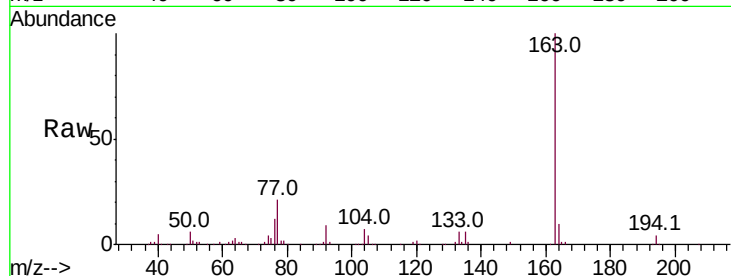
Tot Ion:163 Resp: 363808

Ion Ratio Lower Upper

163 100

194 3.9 4.0 6.0#

164 10.2 8.4 12.6

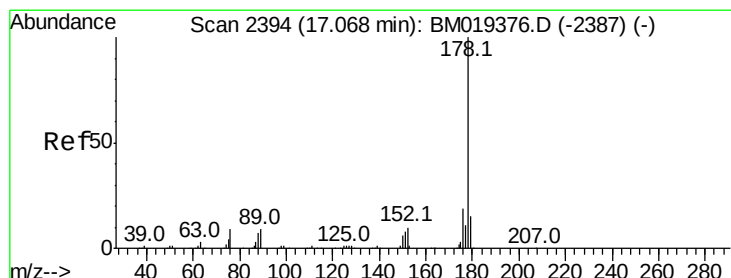
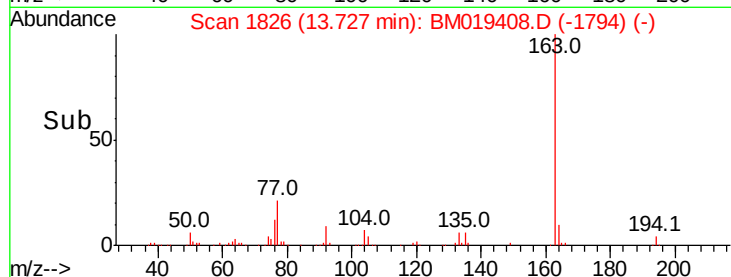
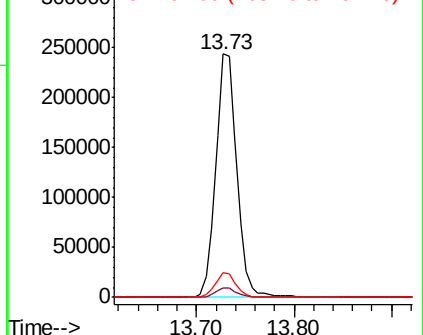


Abundance

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



#70

Phenanthrene

Concen: 1.407 ng/ul

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM019408.D

Acq: 25 Mar 2019 00:49

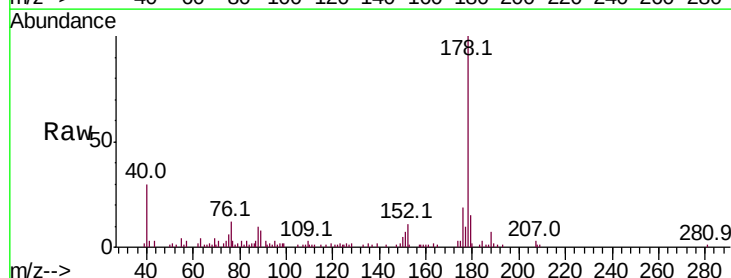
Tgt Ion:178 Resp: 59937

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 19.2 15.4 23.0

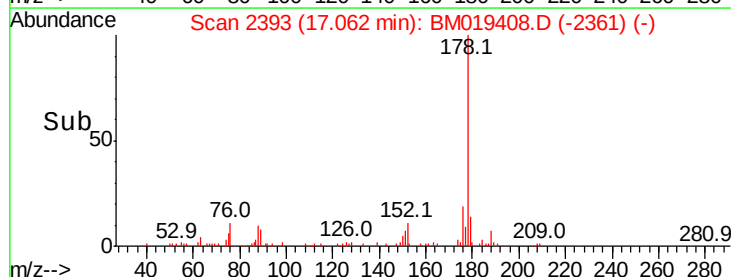
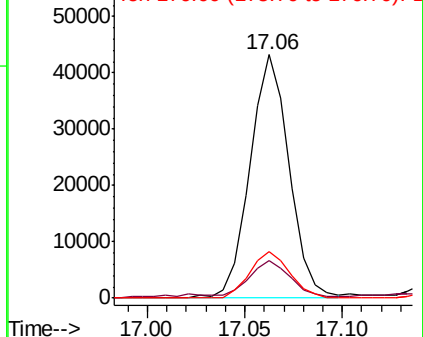


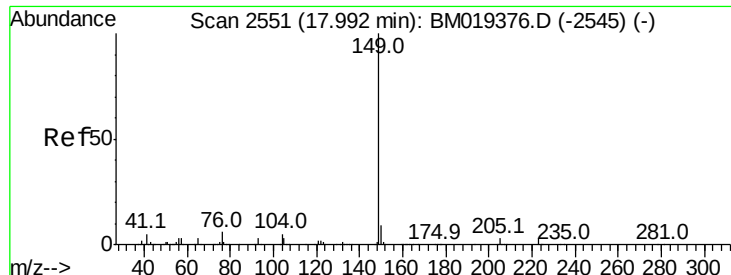
Abundance

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

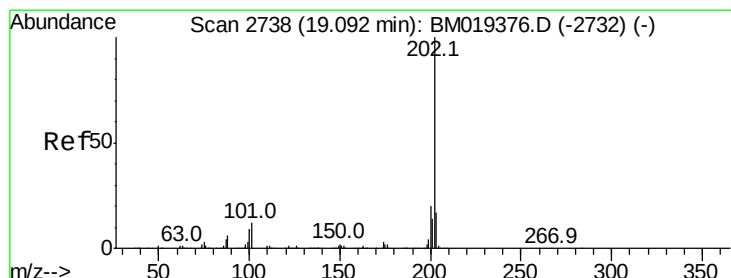
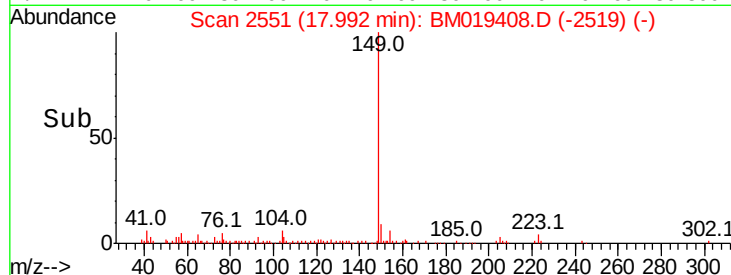
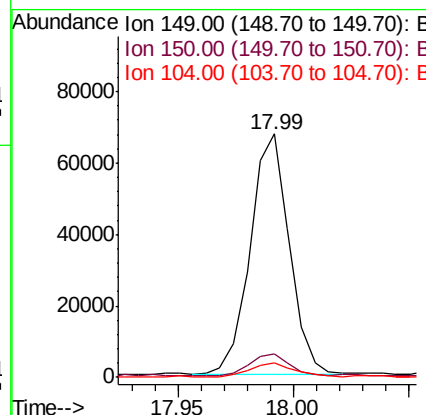
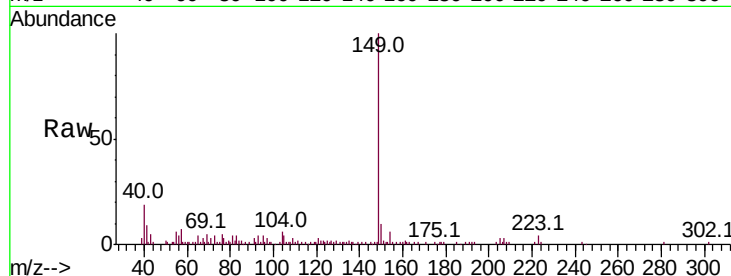




#76
Di-n-butylphthalate
Concen: 1.830 ng/ul
RT: 17.99 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BM019408.D
Acq: 25 Mar 2019 00:49

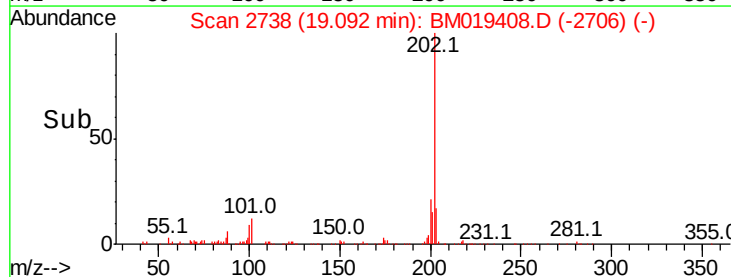
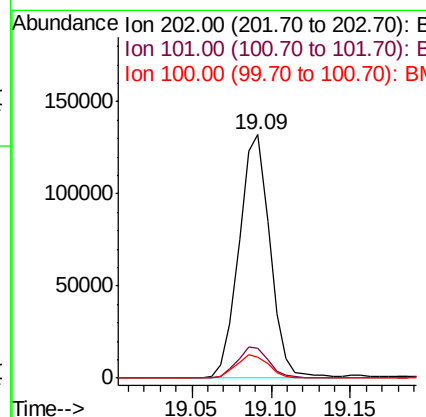
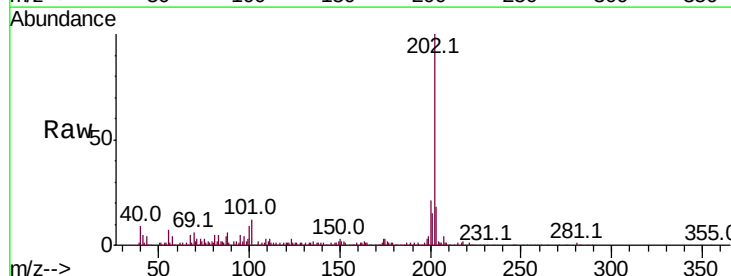
Instrument :
BNA_M
ClientSampleId :

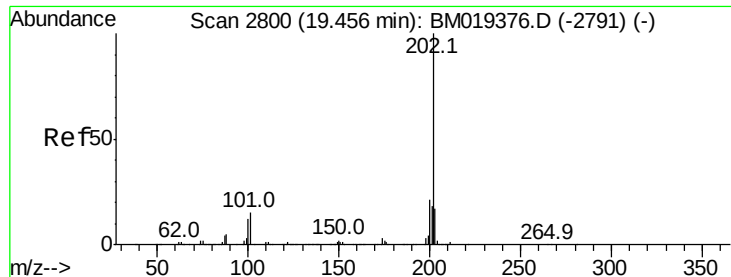
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.5	11.3
104	6.1	4.1	6.1



#77
Fluoranthene
Concen: 3.689 ng/ul
RT: 19.09 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BM019408.D
Acq: 25 Mar 2019 00:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	6.1	9.1#
100	8.8	4.6	7.0#

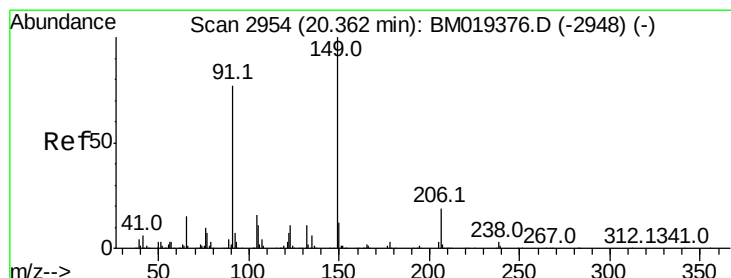
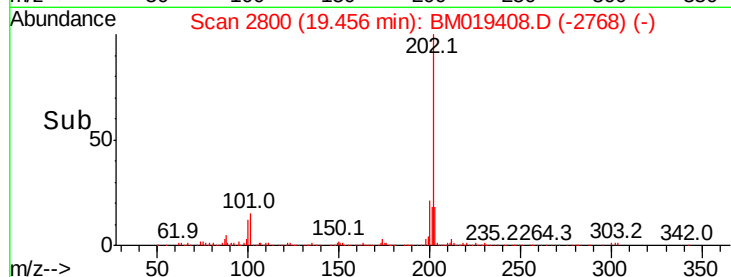
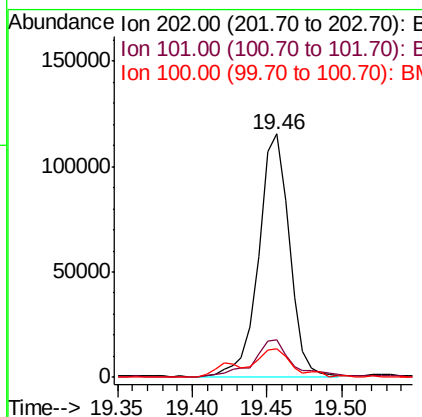
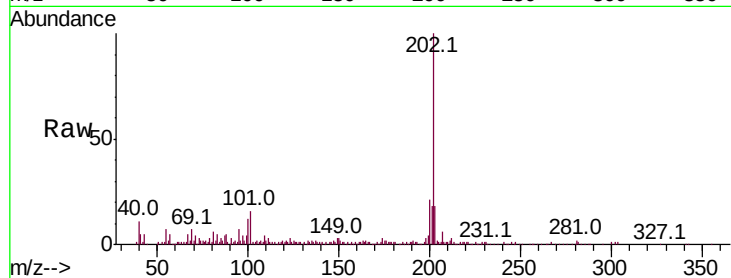




#80
Pvrene
Concen: 3.249 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM019408.D
Acq: 25 Mar 2019 00:49

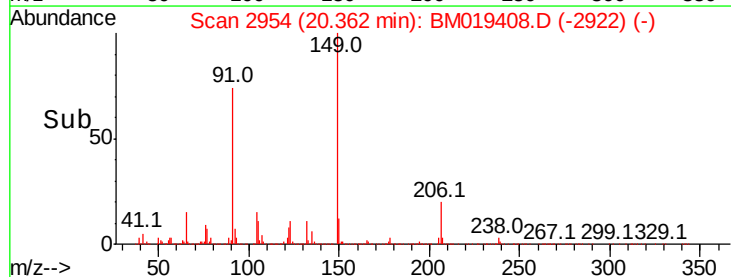
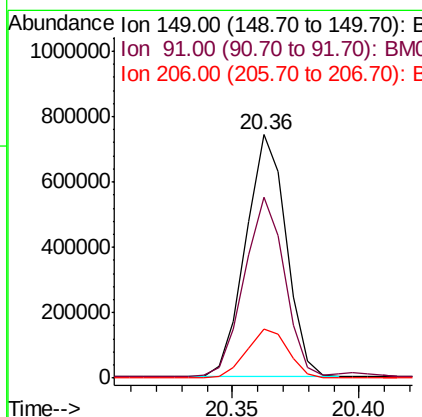
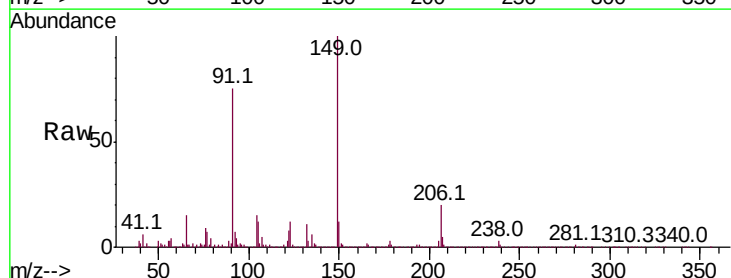
Instrument :
BNA_M
ClientSampleId :

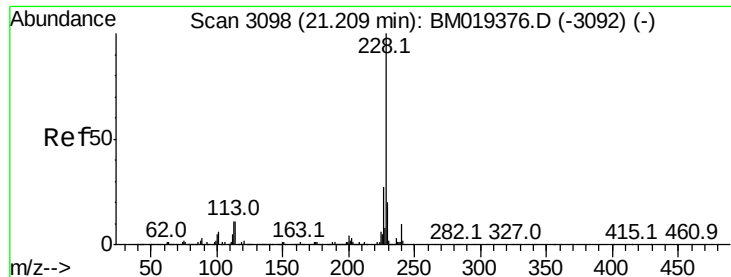
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.5	6.9	10.3#
100	11.5	5.6	8.4#



#81
Butylbenzylphthalate
Concen: 41.679 ng/ul
RT: 20.36 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BM019408.D
Acq: 25 Mar 2019 00:49

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.5	53.4	80.0
206	20.3	19.3	28.9





#83

Benzo(a)anthracene

Concen: 2.121 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM019408.D

Acq: 25 Mar 2019 00:49

Instrument :

BNA_M

ClientSampleId :

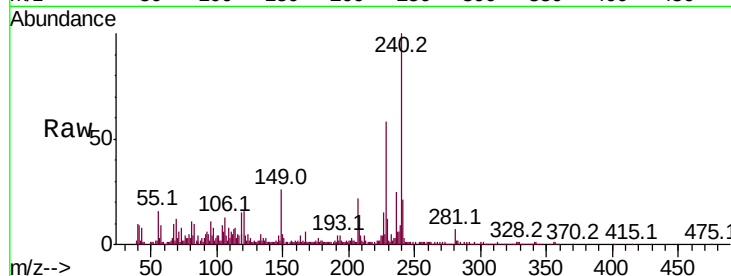
Tot Ion:228 Resp: 106686

Ion Ratio Lower Upper

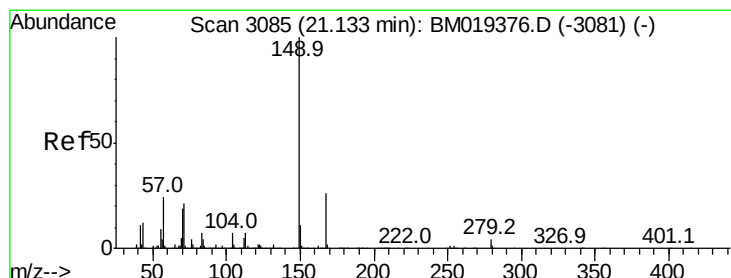
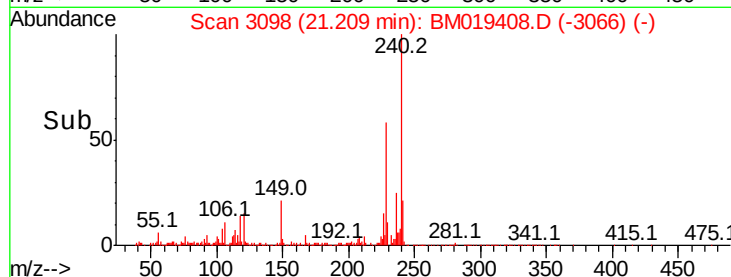
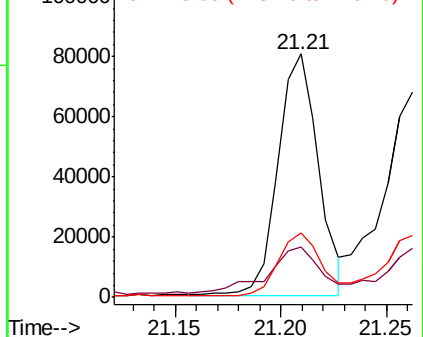
228 100

229 20.5 16.0 24.0

226 26.6 21.8 32.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 12.110 ng/ul

RT: 21.13 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM019408.D

Acq: 25 Mar 2019 00:49

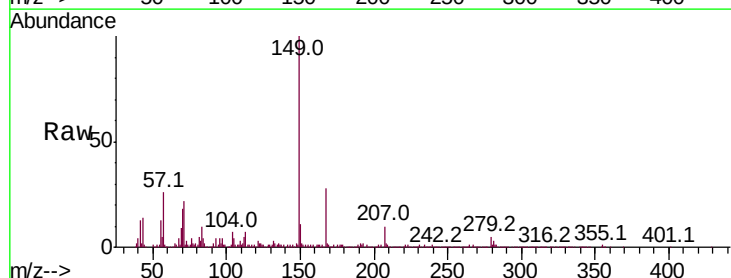
Tgt Ion:149 Resp: 349391

Ion Ratio Lower Upper

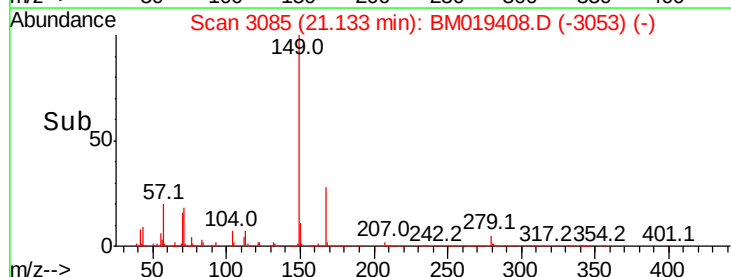
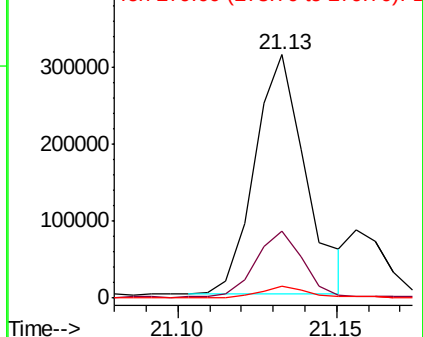
149 100

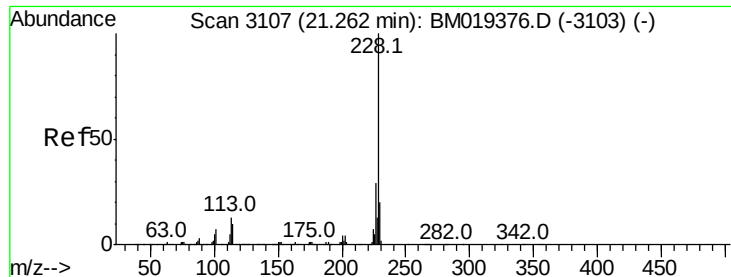
167 27.6 23.0 34.6

279 4.8 4.3 6.5



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





#85

Chrysene

Concen: 2.199 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM019408.D

Acq: 25 Mar 2019 00:49

Instrument :

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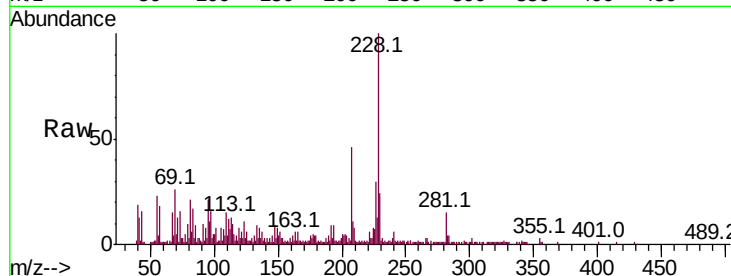
Tot Ion:228 Resp: 106111

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

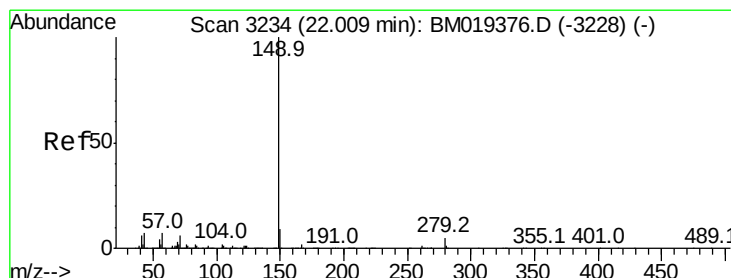
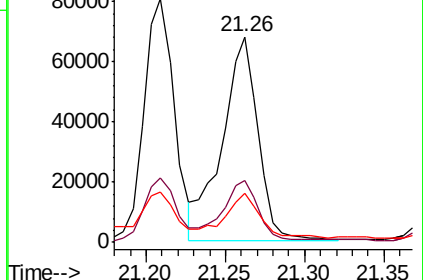
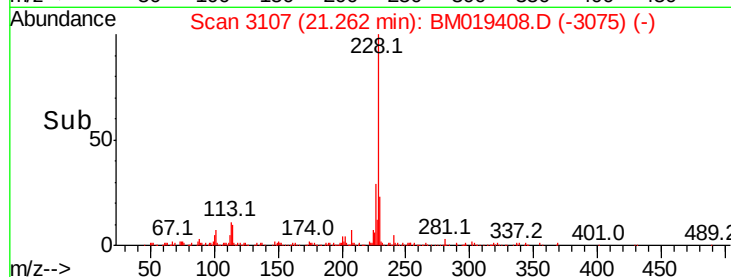
229 23.9 16.0 24.0



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



#87

Di-n-octyl phthalate

Concen: 2.196 ng/ul

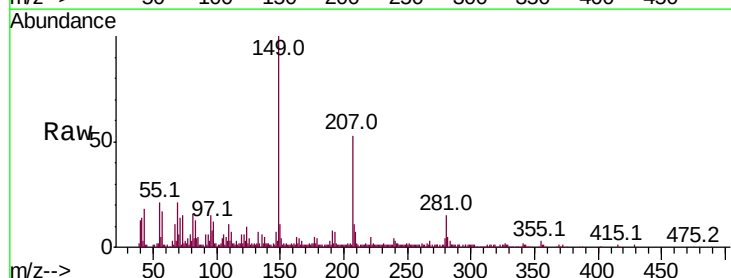
RT: 22.00 min Scan# 3233

Delta R.T. -0.02 min

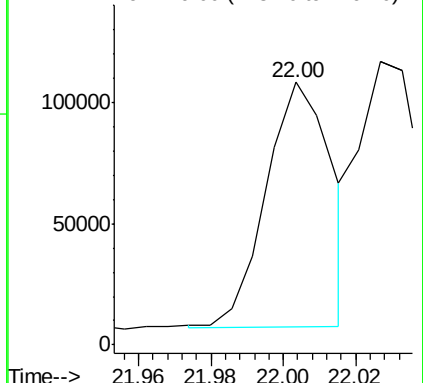
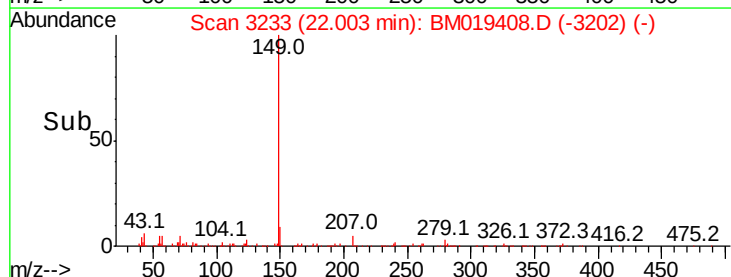
Lab File: BM019408.D

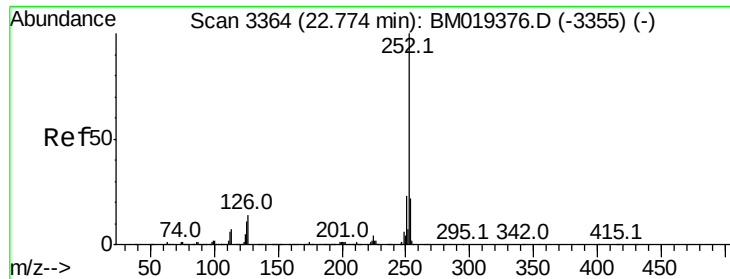
Acq: 25 Mar 2019 00:49

Tgt Ion:149 Resp: 127168



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 2.311 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.02 min

Lab File: BM019408.D

Acq: 25 Mar 2019 00:49

Instrument :

BNA_M

ClientSampleId :

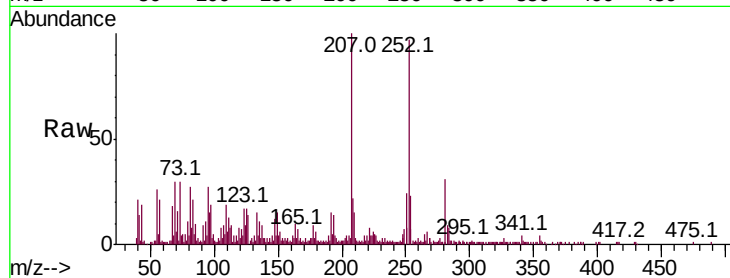
Tot Ion:252 Resp: 130677

Ion Ratio Lower Upper

252 100

253 23.8 17.4 26.0

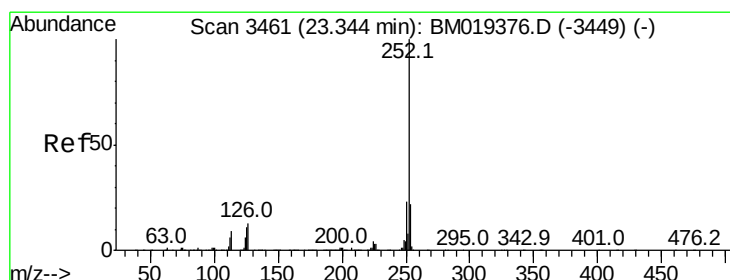
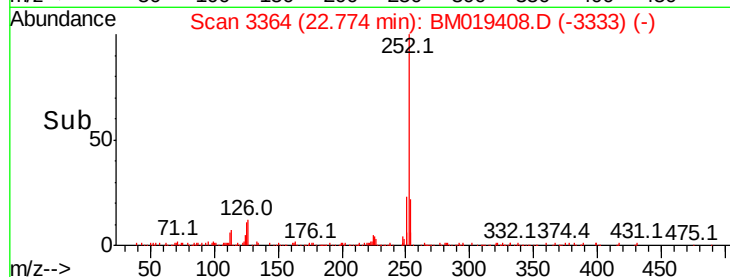
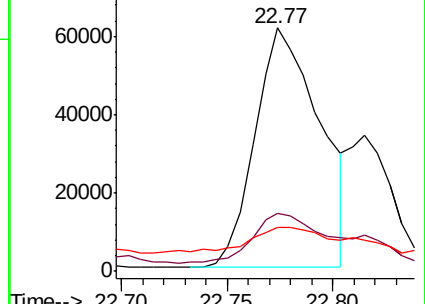
125 17.9 4.9 7.3#



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

Benzo(a)pyrene

Concen: 1.514 ng/ul

RT: 23.34 min Scan# 3461

Delta R.T. -0.02 min

Lab File: BM019408.D

Acq: 25 Mar 2019 00:49

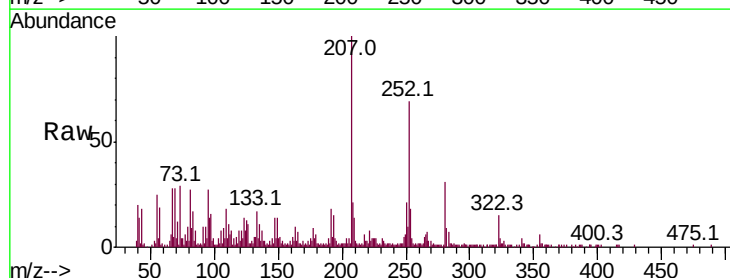
Tgt Ion:252 Resp: 81859

Ion Ratio Lower Upper

252 100

253 25.4 17.2 25.8

125 19.1 5.8 8.6#



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

