

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018480.D
 Acq On : 09 Jan 2019 19:30
 Operator : JU/SJ
 Sample : K1006-17 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-I

Manual Integrations
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 1/11/2019 2:22:19 PM

Quant Time: Jan 10 06:18:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 12:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	592363	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2500161	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1462515	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3458768	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2928126	20.00	ng	0.00
87) Perylene-d12	23.65	264	2677589	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1498131	46.70	ng	0.00
7) Phenol-d6	6.93	99	1966842	48.27	ng	0.00
23) Nitrobenzene-d5	8.92	82	1198628	27.79	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	848314	45.55	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	2831950	25.27	ng	0.00
79) Terphenyl-d14	19.80	244	4377865	31.52	ng	0.01
Target Compounds						
10) Phenol	6.96	94	88915	2.147	ng	94
50) Dimethylphthalate	13.87	163	314888	2.622	ng	100
71) Phenanthrene	17.20	178	1967581	10.695	ng	99
75) Fluoranthene	19.22	202	1881359	8.870	ng	98
78) Pyrene	19.59	202	2107853	12.145	ng	99
81) Benzo(a)anthracene	21.34	228	769168	4.459	ng	96
83) Chrysene	21.39	228	717654	4.308	ng	97
88) Benzo(b)fluoranthene	22.96	252	655782m	4.314	ng	
90) Benzo(a)pyrene	23.54	252	503843	3.462	ng	# 93
92) Benzo(g,h,i)perylene	26.67	276	292955	2.042	ng	96

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

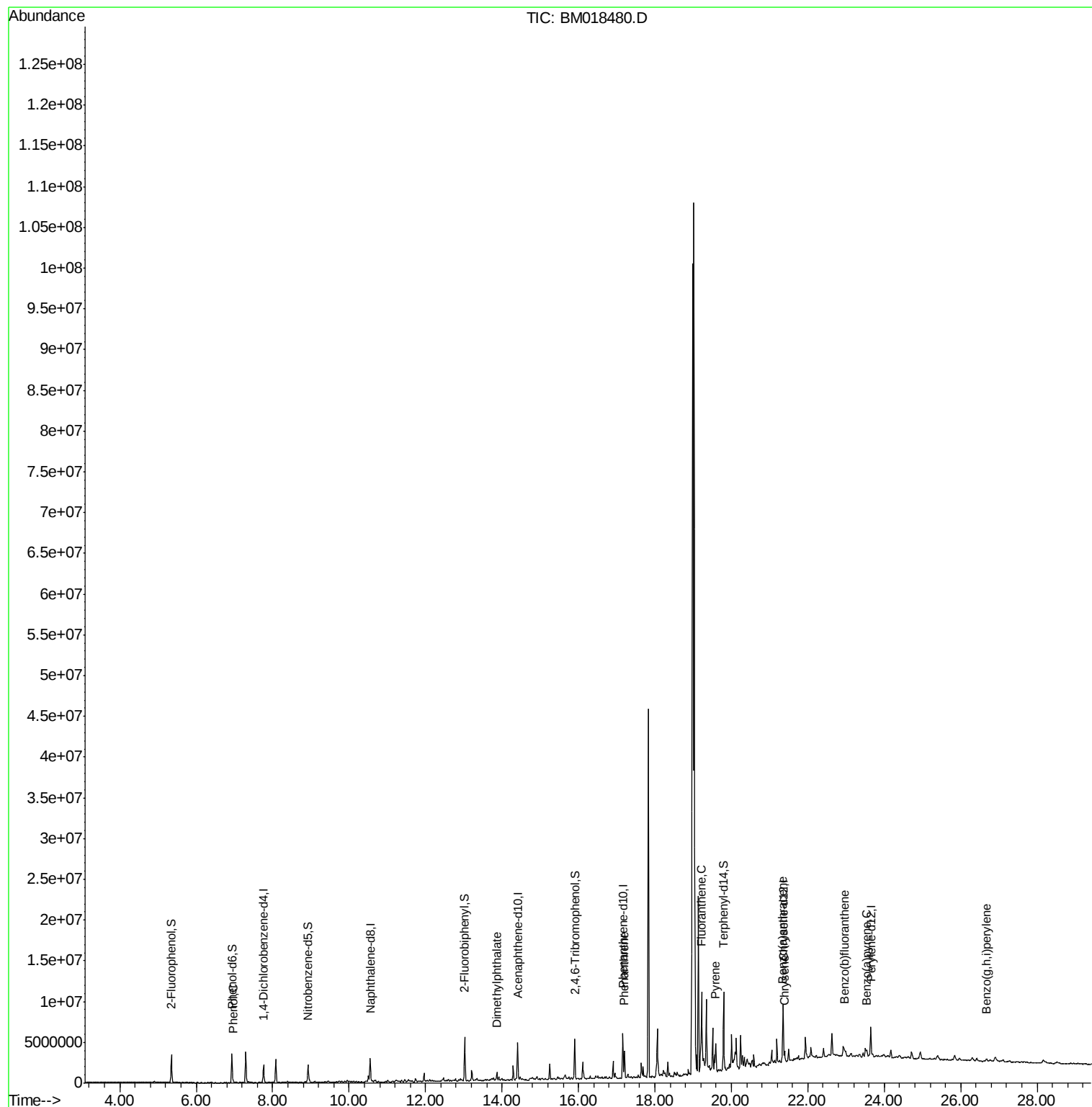
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018480.D
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ALS Vial : 10 Sample Multiplier: 1

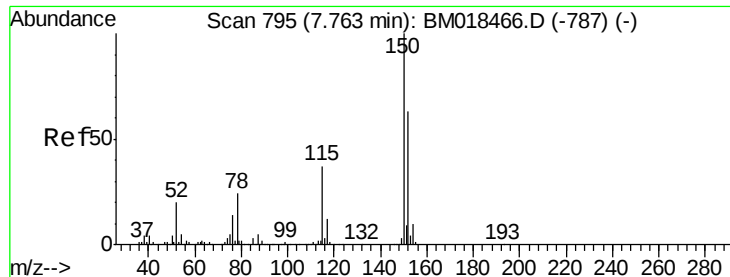
Instrument :
BNA_M
ClientSampleId :
JC-03-010819-I

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

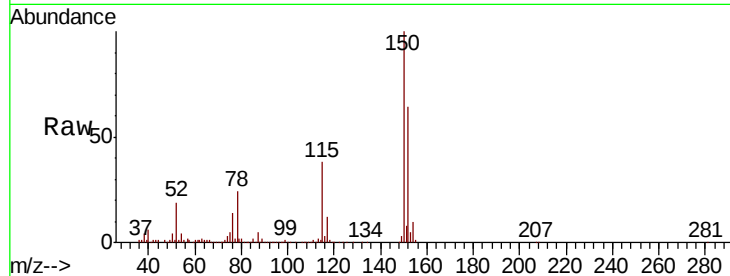
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM018480.D
Acq: 09 Jan 2019 19:30

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-I

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.9	190.3
115	58.6	45.5	68.3

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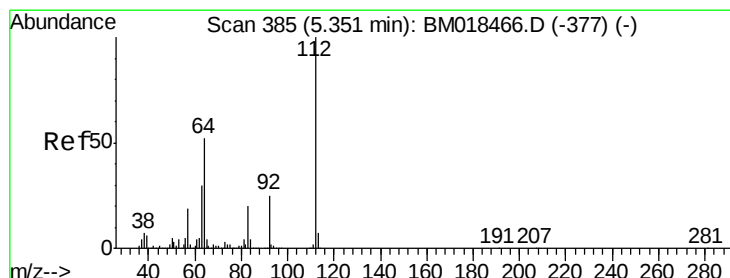
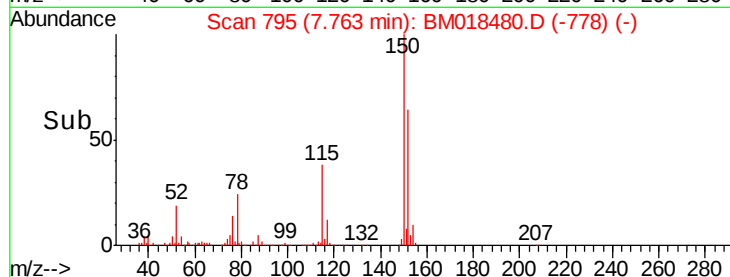
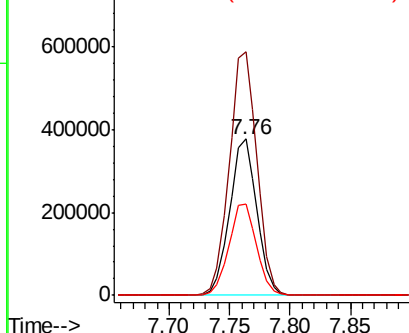


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

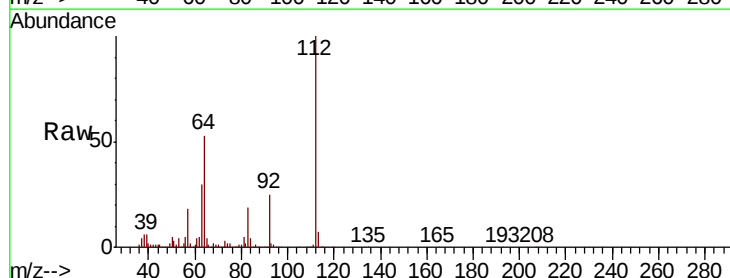
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.699 ng
RT: 5.35 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM018480.D
Acq: 09 Jan 2019 19:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	46.5	69.7
63	29.9	25.2	37.8

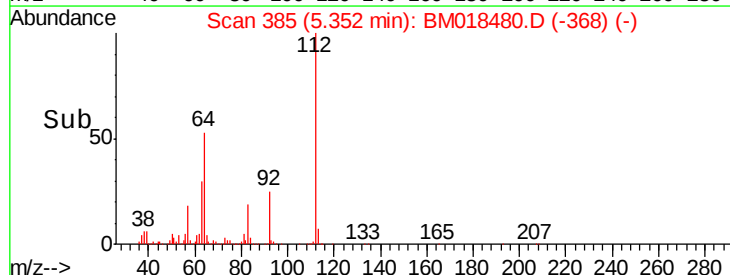
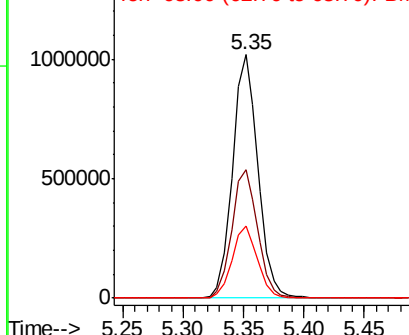


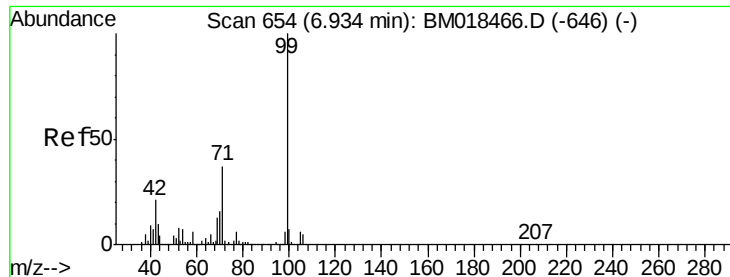
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 48.271 ng

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM018480.D

Acq: 09 Jan 2019 19:30

Instrument :

BNA_M

ClientSampleId :

JC-03-010819-I

Tot Ion: 99 Resp: 1966842

Ion Ratio Lower Upper

99 100

42 20.1 17.3 25.9

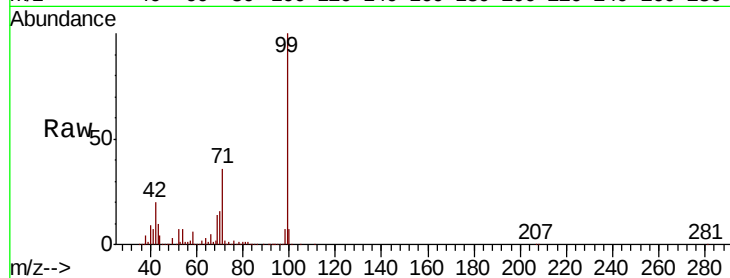
71 36.0 28.0 42.0

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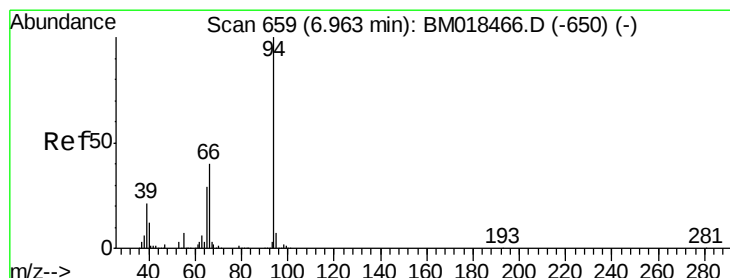
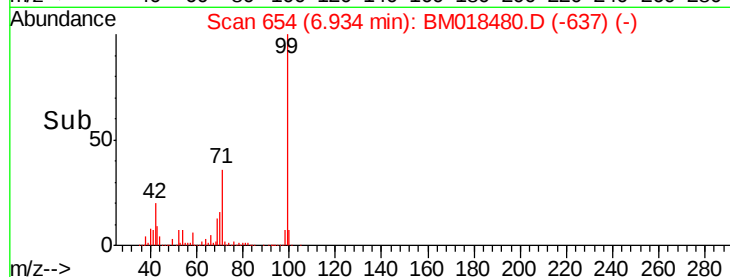
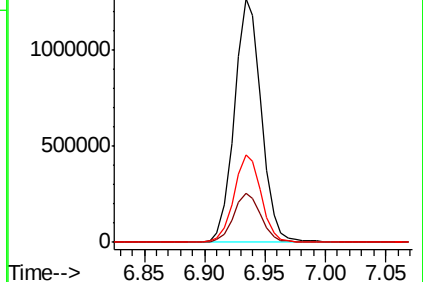
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Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#10

Phenol

Concen: 2.147 ng

RT: 6.96 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM018480.D

Acq: 09 Jan 2019 19:30

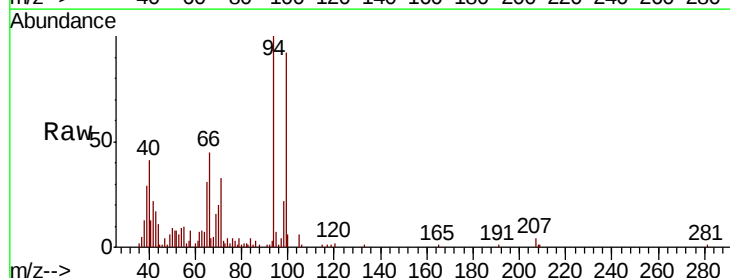
Tgt Ion: 94 Resp: 88915

Ion Ratio Lower Upper

94 100

65 30.5 9.4 49.4

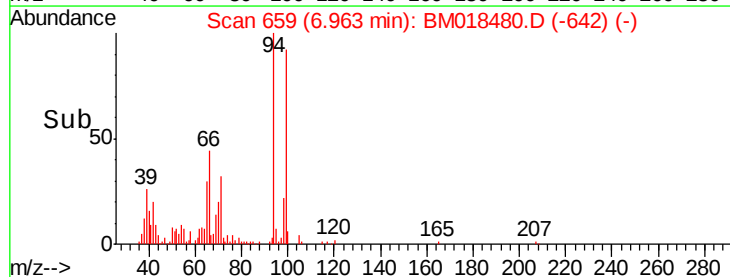
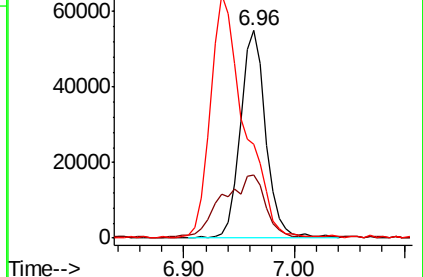
66 45.1 19.1 59.1

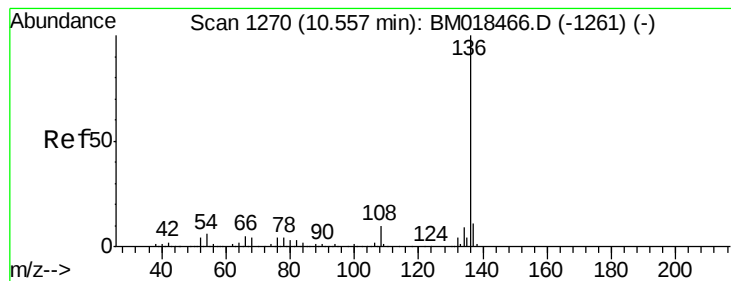


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM018480.D

Acq: 09 Jan 2019 19:30

Instrument :

BNA_M

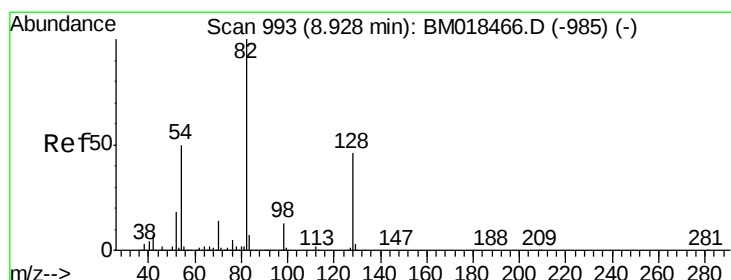
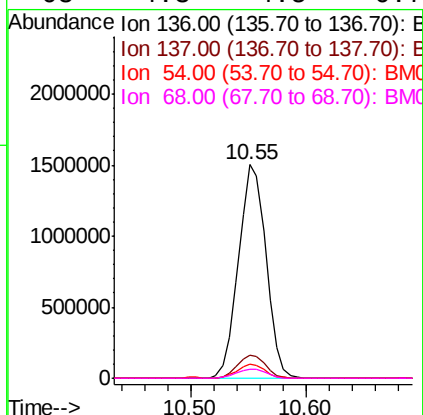
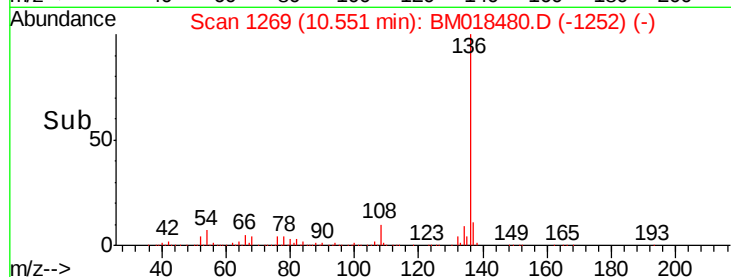
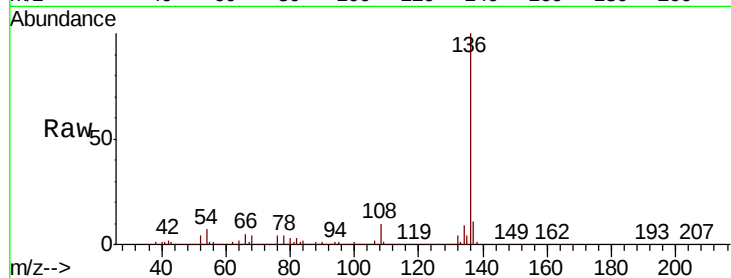
ClientSampleId :

JC-03-010819-I

Tot Ion	136	Resp	2500161
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.7	6.0	9.0
68	4.3	4.5	6.7#

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#23

Nitrobenzene-d5

Concen: 27.792 ng

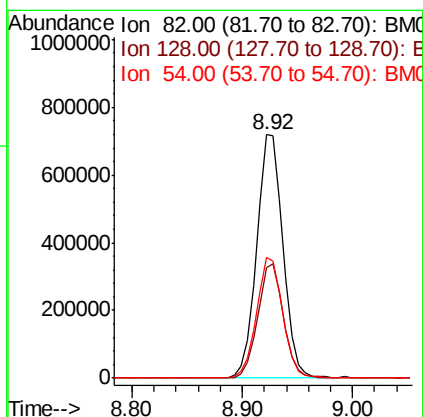
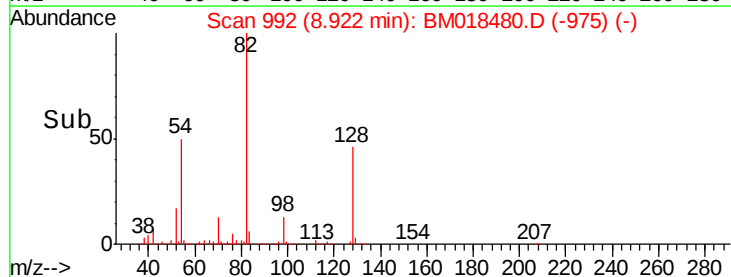
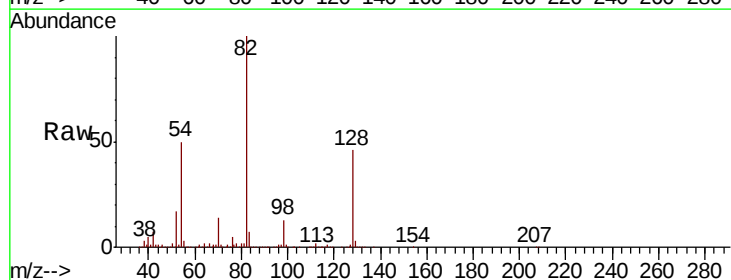
RT: 8.92 min Scan# 992

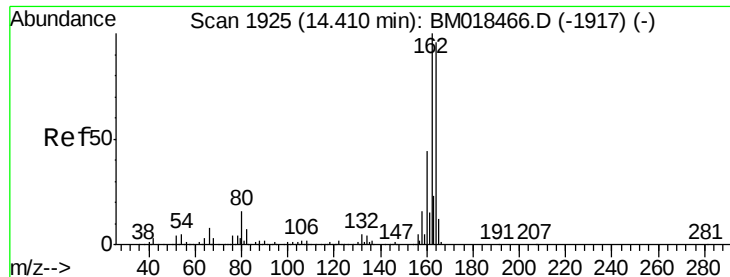
Delta R.T. 0.00 min

Lab File: BM018480.D

Acq: 09 Jan 2019 19:30

Tgt Ion	82	Resp	1198628
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	49.6	41.7	62.5





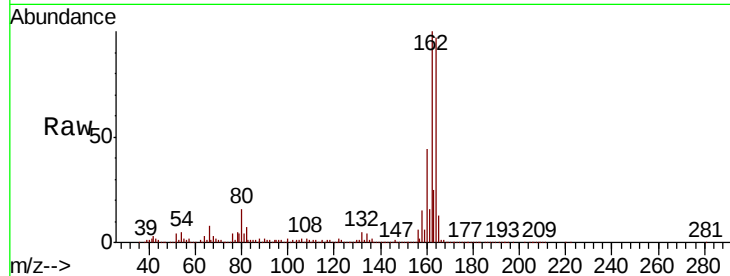
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM018480.D
Acq: 09 Jan 2019 19:30

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-I

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.4
160	45.7	37.1	55.7

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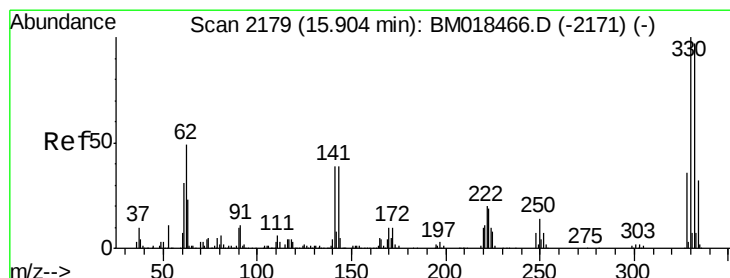
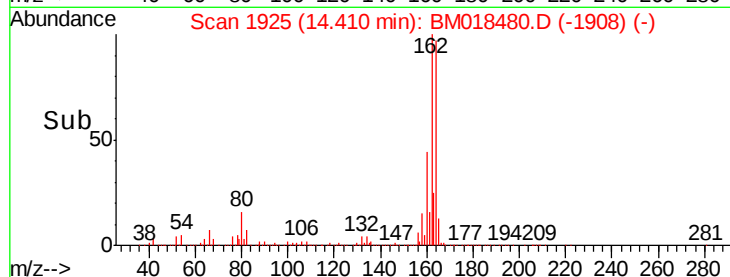
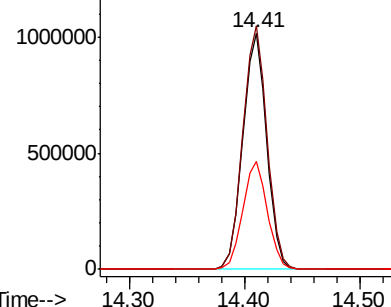


Abundance

Ion 164.00 (163.70 to 164.70): E

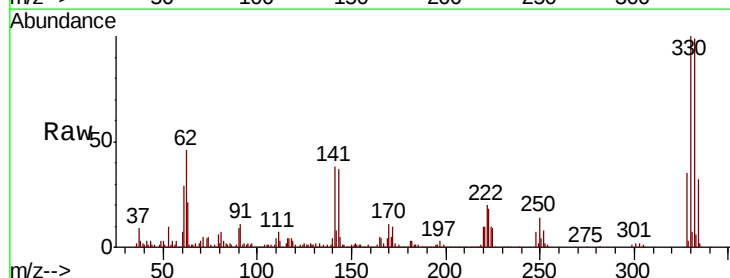
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 45.555 ng
RT: 15.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BM018480.D
Acq: 09 Jan 2019 19:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.6	116.4
141	40.0	31.7	47.5

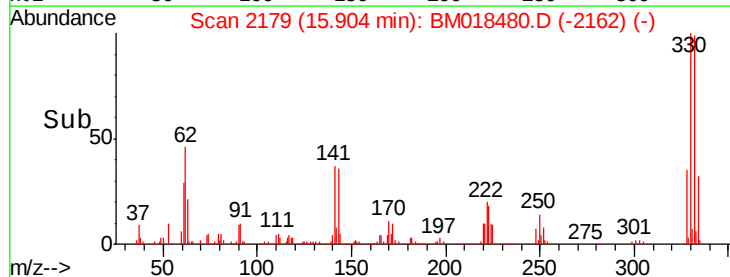
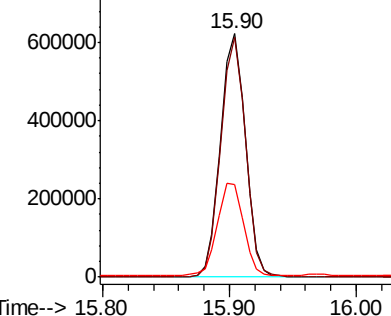


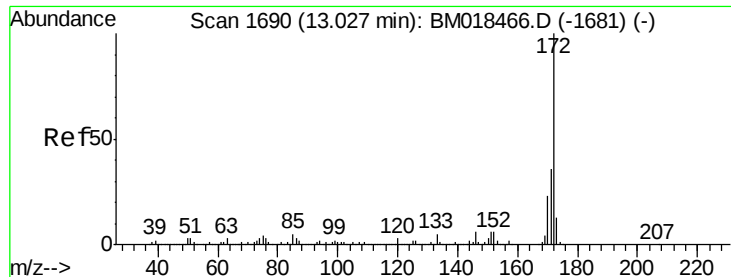
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





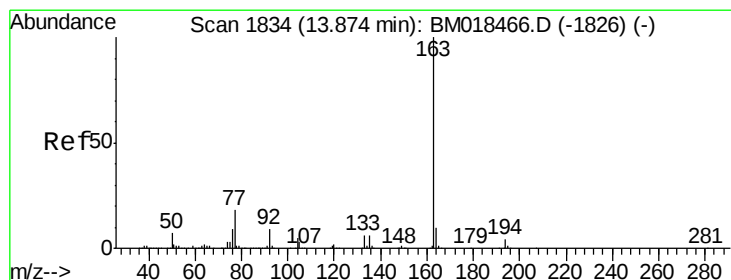
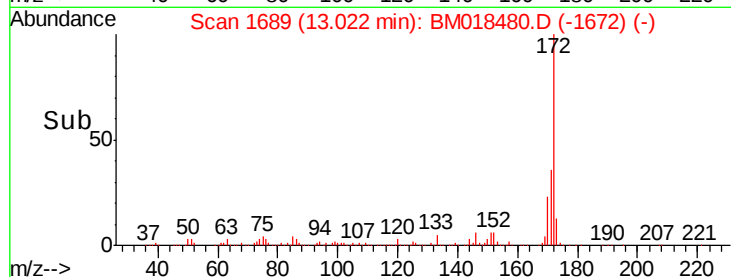
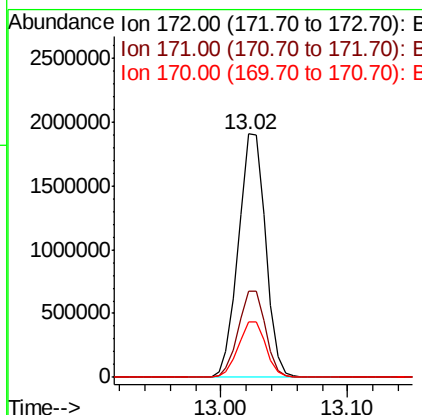
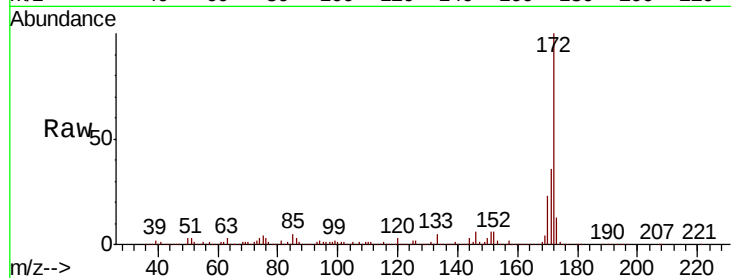
#45
2-Fluorobiphenyl
Concen: 25.267 ng
RT: 13.02 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BM018480.D
Acq: 09 Jan 2019 19:30

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-I

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	22.6	18.9	28.3

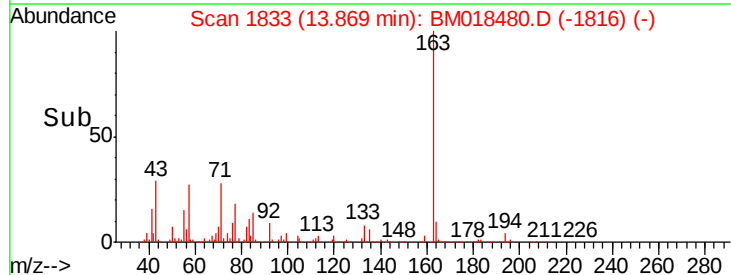
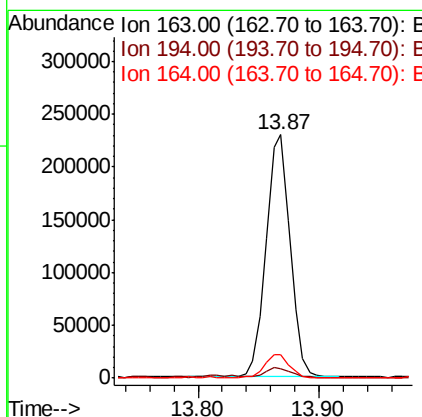
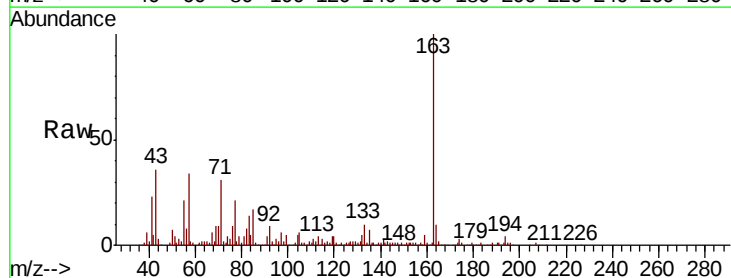
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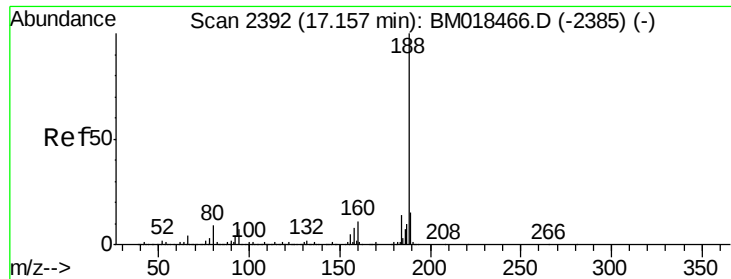
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#50
Dimethylphthalate
Concen: 2.622 ng
RT: 13.87 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BM018480.D
Acq: 09 Jan 2019 19:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.8	7.8	11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2393

Delta R.T. 0.01 min

Lab File: BM018480.D

Acq: 09 Jan 2019 19:30

Instrument :

BNA_M

ClientSampleId :

JC-03-010819-I

Tot Ion:188 Resp: 3458768

Ion Ratio Lower Upper

188 100

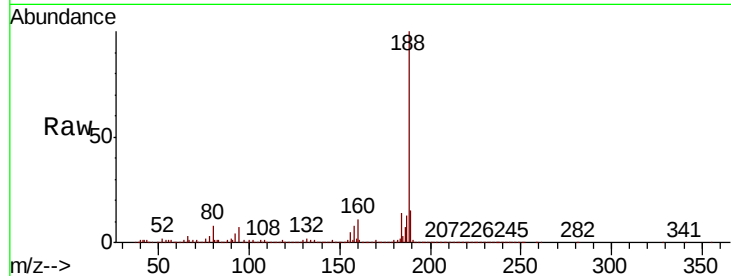
94 7.3 7.1 10.7

80 8.0 7.6 11.4

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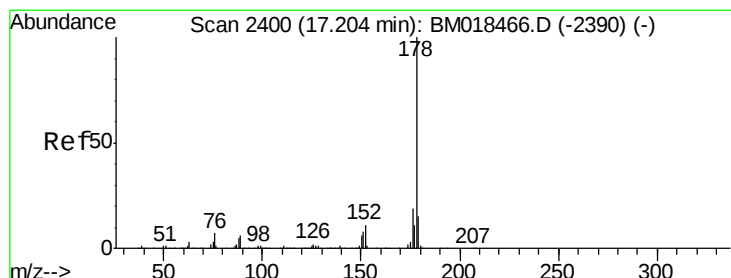
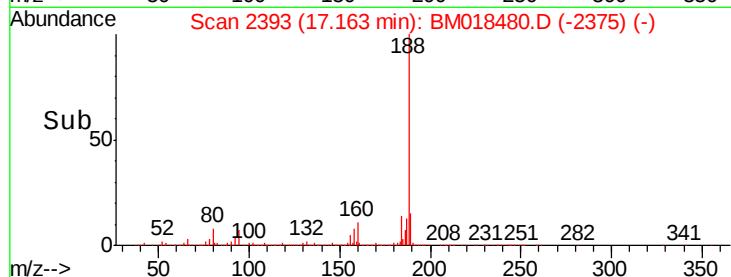
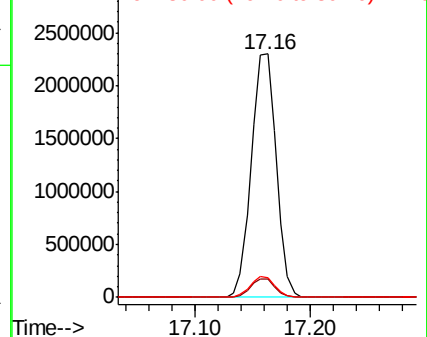


Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#71

Phenanthrene

Concen: 10.695 ng

RT: 17.20 min Scan# 2400

Delta R.T. 0.01 min

Lab File: BM018480.D

Acq: 09 Jan 2019 19:30

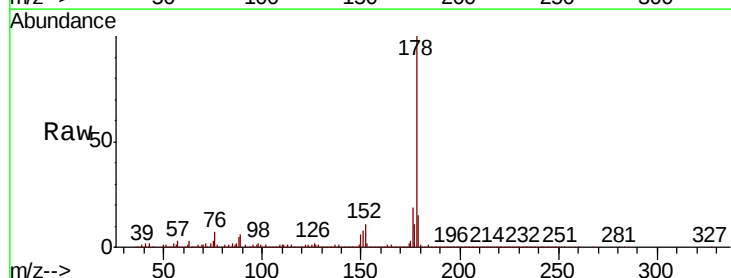
Tgt Ion:178 Resp: 1967581

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.0

179 15.4 12.2 18.4

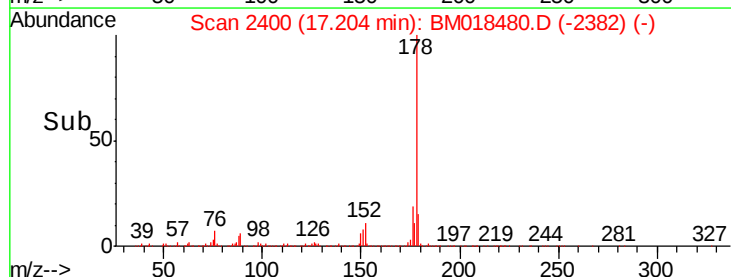
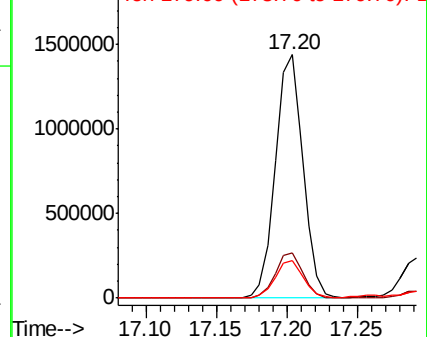


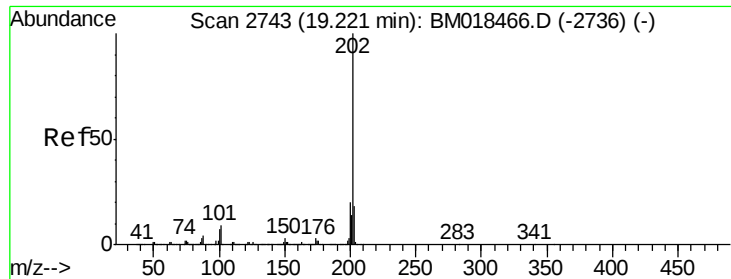
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 8.870 ng

RT: 19.22 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BM018480.D

Acq: 09 Jan 2019 19:30

Instrument :

BNA_M

ClientSampleId :

JC-03-010819-I

Tot Ion:202 Resp: 1881359

Ion Ratio Lower Upper

202 100

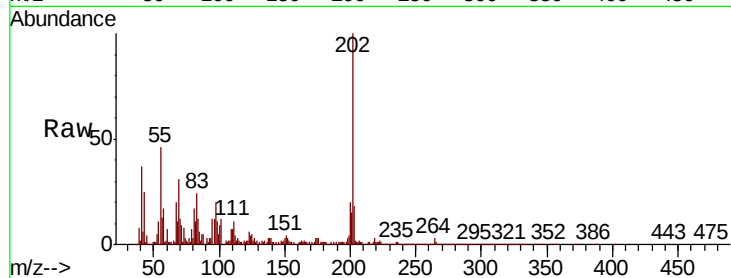
101 11.6 0.0 30.9

203 18.0 0.0 37.4

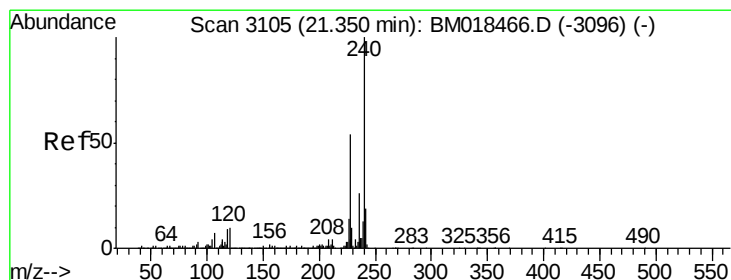
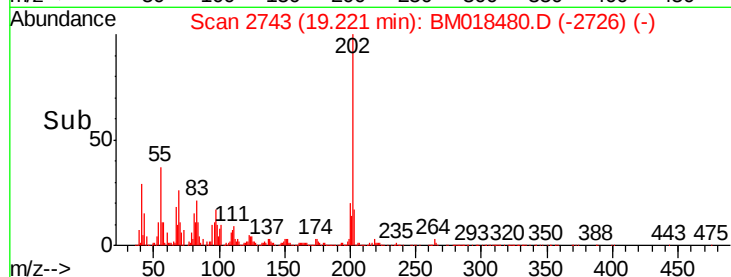
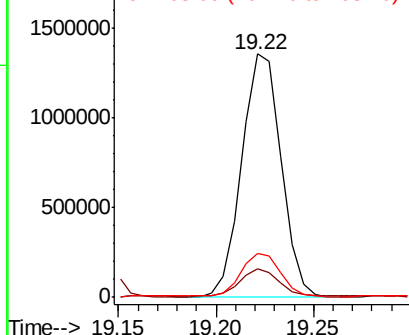
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BM018480.D

Acq: 09 Jan 2019 19:30

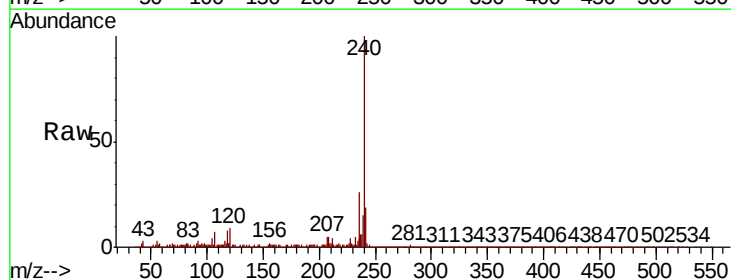
Tgt Ion:240 Resp: 2928126

Ion Ratio Lower Upper

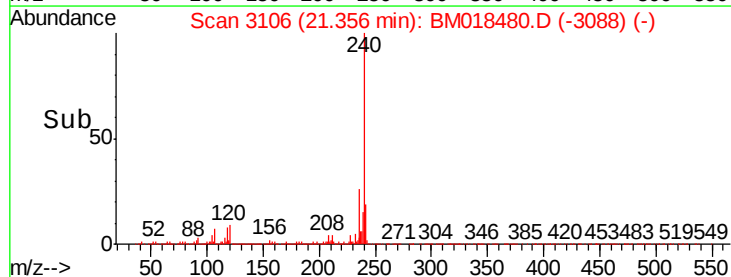
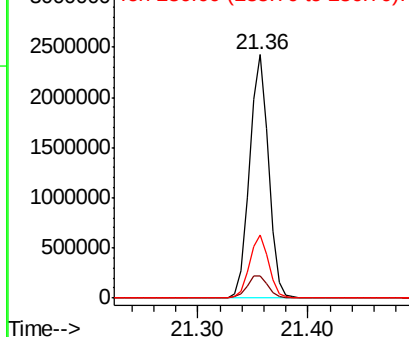
240 100

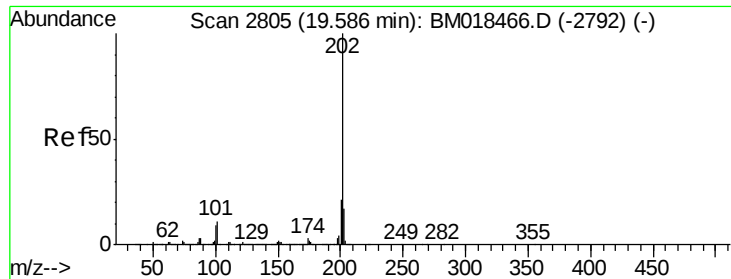
120 9.2 8.4 12.6

236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 12.145 ng

RT: 19.59 min Scan# 2806

Delta R.T. 0.01 min

Lab File: BM018480.D

Acq: 09 Jan 2019 19:30

Instrument :

BNA_M

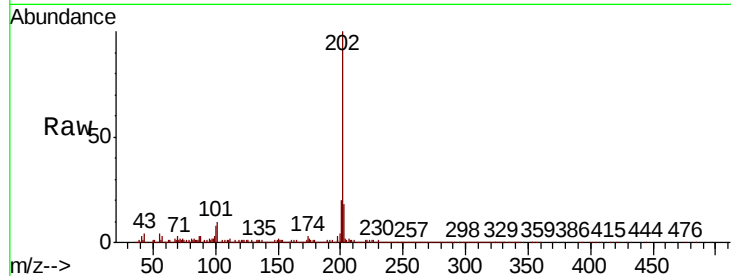
ClientSampleId :

JC-03-010819-I

Tot	Ion:202	Resp: 2107853	
Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	17.9	13.8	20.8

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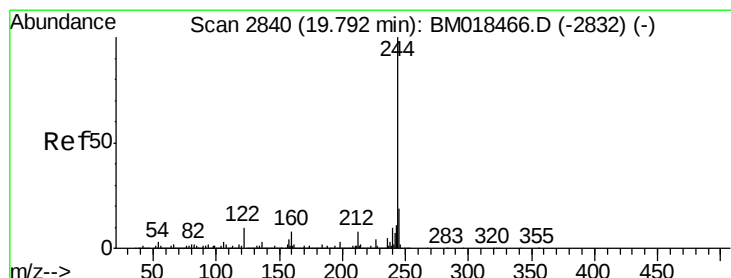
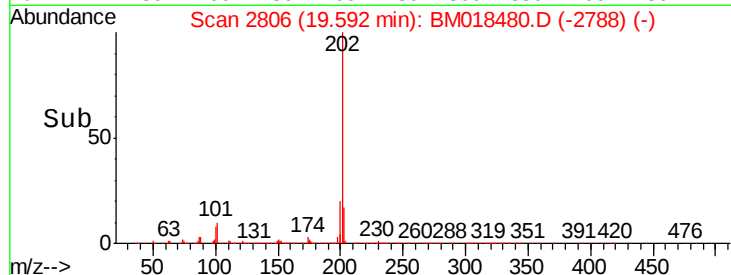
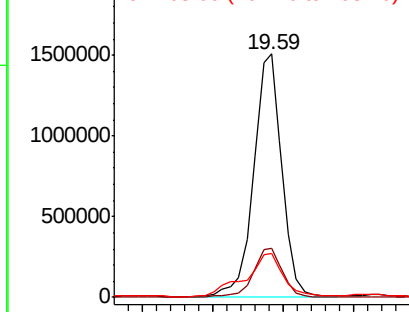


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 31.517 ng

RT: 19.80 min Scan# 2841

Delta R.T. 0.01 min

Lab File: BM018480.D

Acq: 09 Jan 2019 19:30

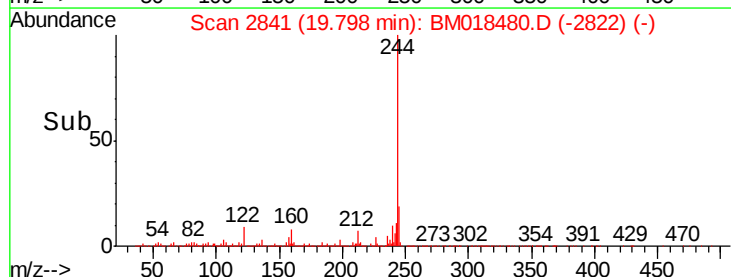
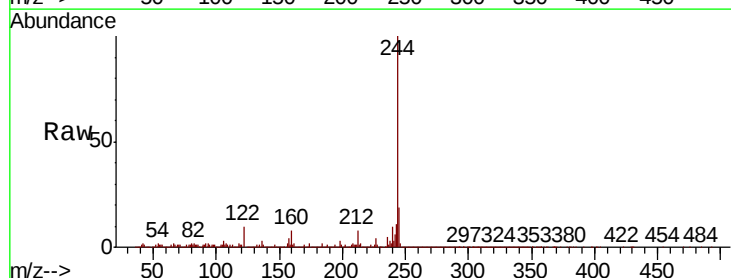
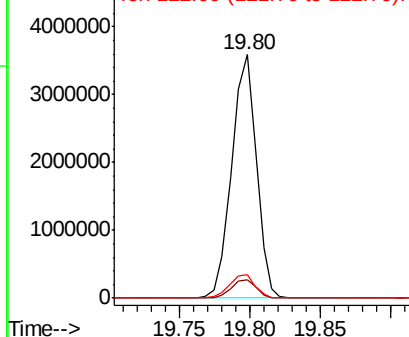
Tgt	Ion:244	Resp: 4377865	
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.6	9.0	13.4

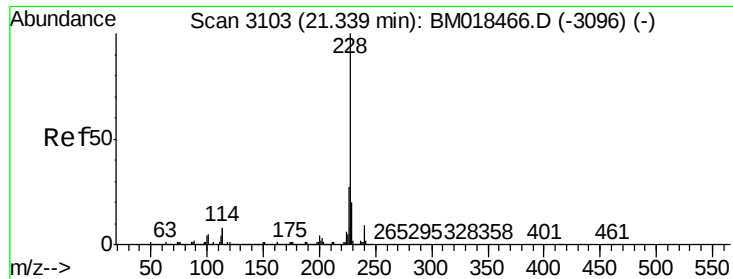
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





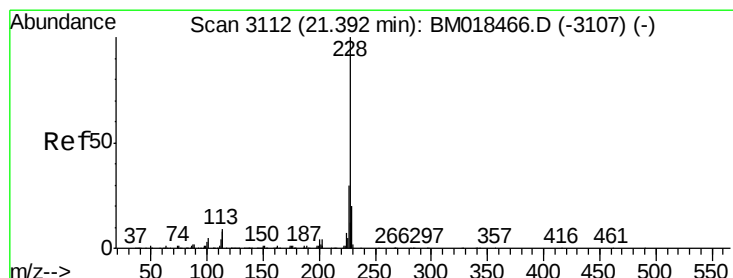
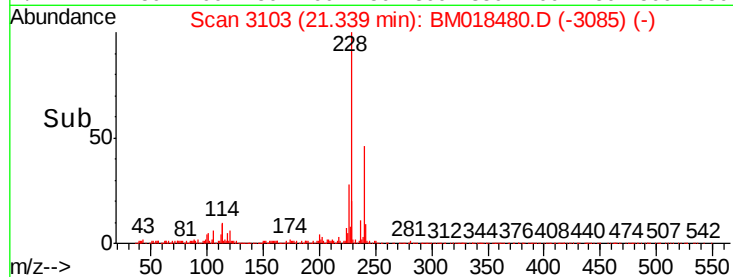
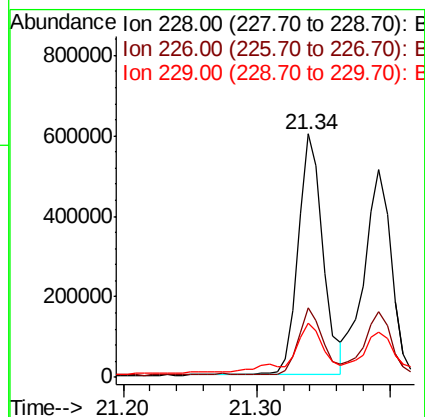
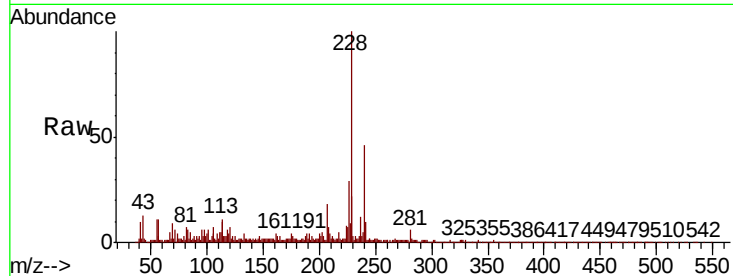
#81
Benzo(a)anthracene
Concen: 4.459 ng
RT: 21.34 min Scan# 3103
Delta R.T. 0.01 min
Lab File: BM018480.D
Acq: 09 Jan 2019 19:30

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-I

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.8	32.6
229	22.0	15.8	23.8

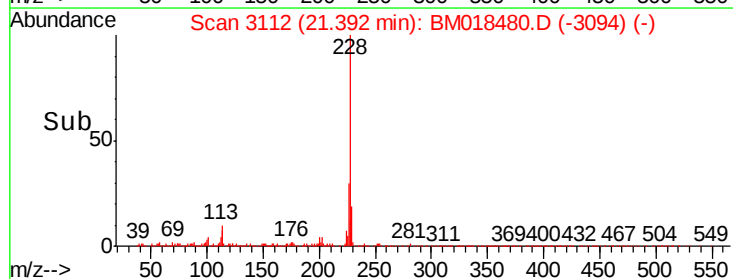
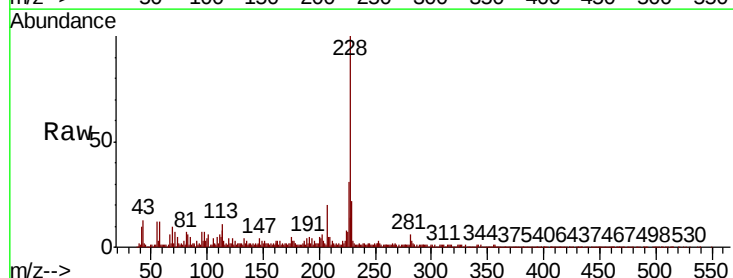
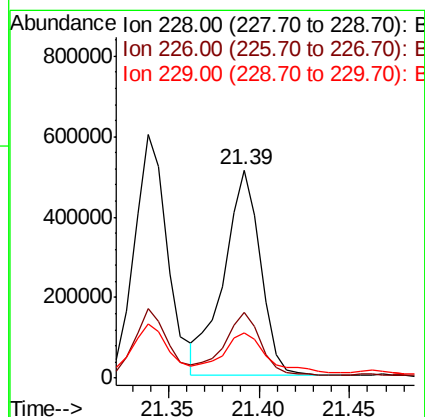
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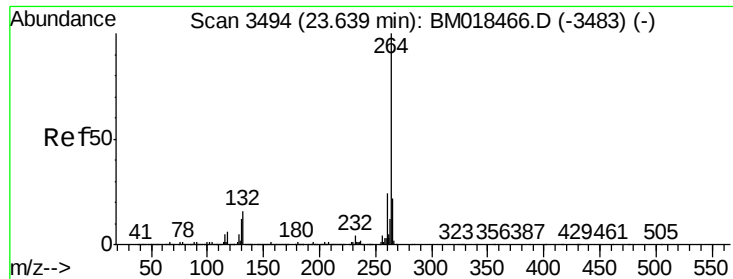
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#83
Chrysene
Concen: 4.308 ng
RT: 21.39 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BM018480.D
Acq: 09 Jan 2019 19:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.2	36.2
229	21.8	15.6	23.4





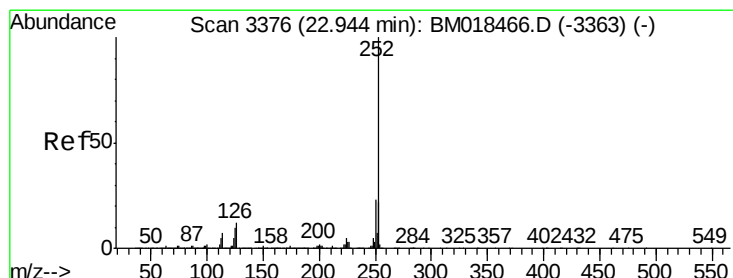
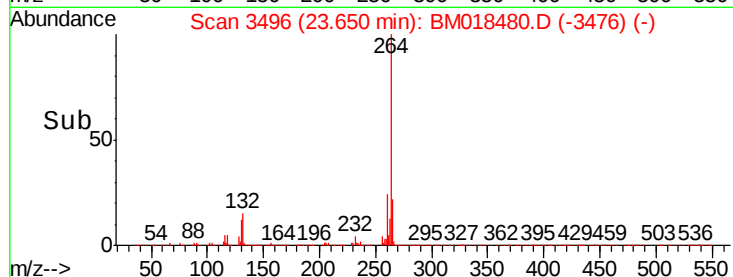
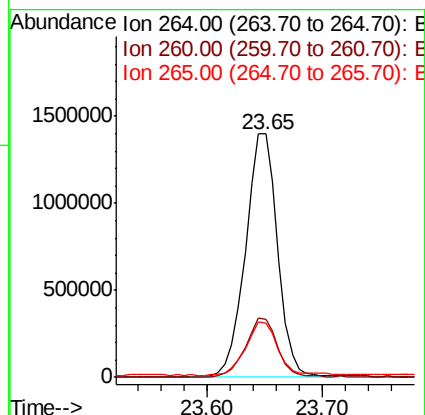
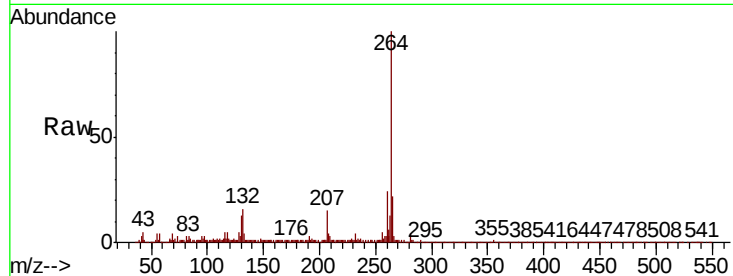
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.65 min Scan# 3496
Delta R.T. 0.02 min
Lab File: BM018480.D
Acq: 09 Jan 2019 19:30

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-I

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.5	16.8	25.2

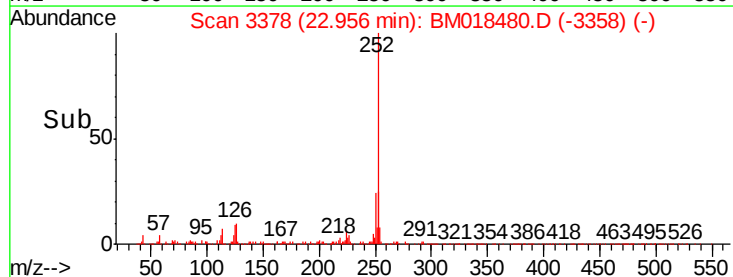
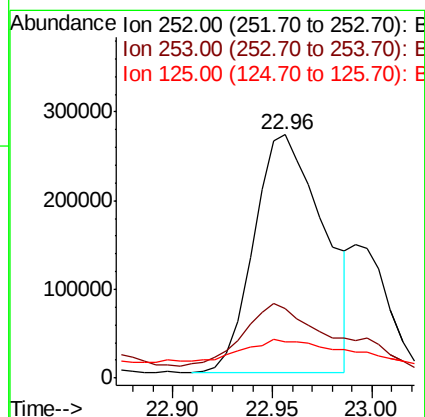
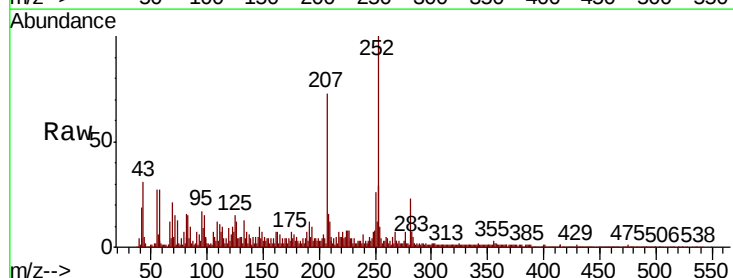
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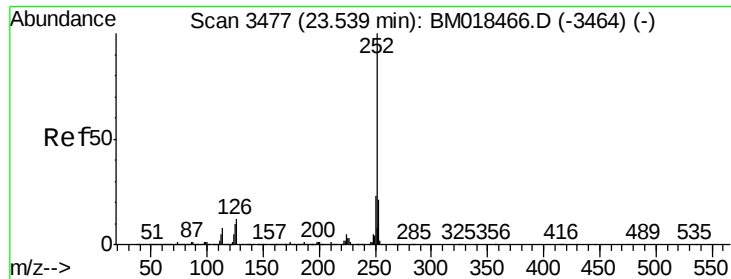
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#88
Benzo(b)fluoranthene
Concen: 4.314 ng m
RT: 22.96 min Scan# 3378
Delta R.T. 0.02 min
Lab File: BM018480.D
Acq: 09 Jan 2019 19:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.6	26.4#
125	14.9	8.5	12.7#





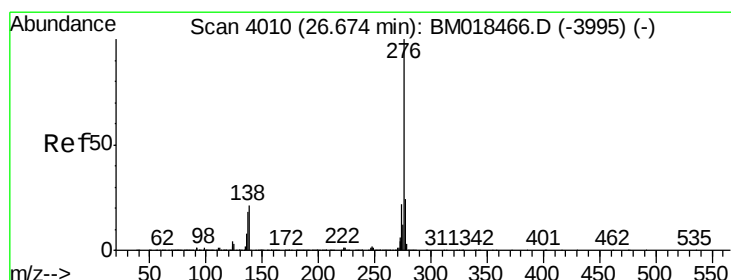
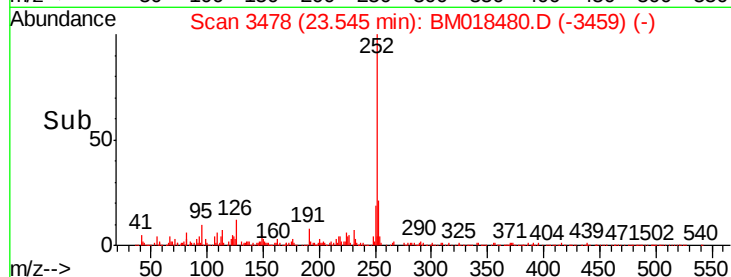
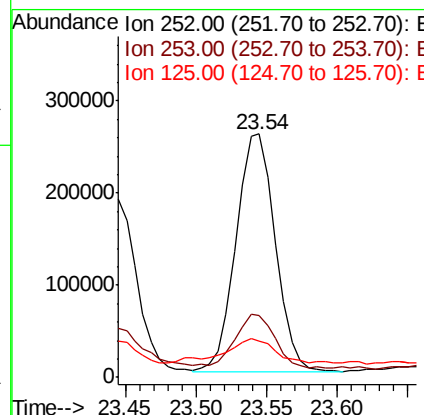
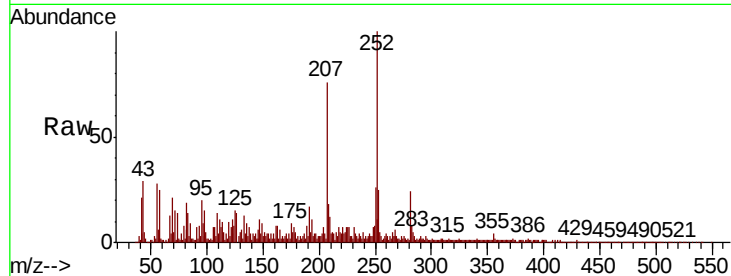
#90
Benzo(a)pyrene
Concen: 3.462 ng
RT: 23.54 min Scan# 3478
Delta R.T. 0.01 min
Lab File: BM018480.D
Acq: 09 Jan 2019 19:30

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-I

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.5	26.3
125	14.9	9.7	14.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.042 ng
RT: 26.67 min Scan# 4010
Delta R.T. 0.02 min
Lab File: BM018480.D
Acq: 09 Jan 2019 19:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.0	28.4
138	21.1	18.1	27.1

