

Data File : BM018190.D
Acq On : 15 Dec 2018 05:11
Operator : JU/SJ
Sample : J6238-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE7Z4

Quant Time: Dec 15 06:03:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 15 03:53:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	176752	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	761703	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.16	164	395716	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.92	188	734926	20.00	ng/ul	0.00
77) Chrysene-d12	21.14	240	631349	20.00	ng/ul	0.00
85) Perylene-d12	23.31	264	689787	20.00	ng/ul	0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	9995	2.70	ng/uL	0.00
5) Phenol-d5	6.70	99	220673	12.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	140451	15.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	181683	13.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	139055	10.09	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	91421	14.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	99478	13.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	170810	13.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	21061	1.86	ng/ul	0.02
43) Dimethylphthalate-d6	13.59	166	534077	15.26	ng/ul	0.00
46) Acenaphthylene-d8	13.85	160	655237	15.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	51573	8.16	ng/ul	0.00
57) Fluorene-d10	15.16	176	436895	15.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.32	200	25520	4.56	ng/ul	0.00
70) Anthracene-d10	17.02	188	572348	15.41	ng/ul	0.00
78) Pyrene-d10	19.33	212	530606	17.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.17	264	584277	15.29	ng/ul	0.00

Target Compounds					Qvalue	
4) Benzaldehyde	6.67	77	4532	1.512	ng/ul#	81
6) Phenol	6.73	94	45862	2.746	ng/ul#	90
28) Naphthalene	10.32	128	45548	1.111	ng/ul	96
34) 2-Methylnaphthalene	11.95	142	125994	4.144	ng/ul	99
44) Dimethylphthalate	13.63	163	81451	2.444	ng/ul	97
69) Phenanthrene	16.96	178	273484	6.375	ng/ul	97
71) Anthracene	17.06	178	48490	1.098	ng/ul	98
76) Fluoranthene	18.99	202	413668	8.313	ng/ul	98
79) Pyrene	19.36	202	396981	10.510	ng/ul	98
82) Benzo(a)anthracene	21.17	228	236967	5.931	ng/ul	94
84) Chrysene	21.17	228	237437	6.368	ng/ul	97
87) Benzo(b)fluoranthene	22.67	252	319212	7.765	ng/ul#	86
88) Benzo(k)fluoranthene	22.70	252	92762	2.268	ng/ul#	76
90) Benzo(a)pyrene	23.21	252	227466	5.610	ng/ul#	84
91) Indeno(1,2,3-cd)pyrene	25.46	276	161439	3.509	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.46	278	53734	1.374	ng/ul#	35
93) Benzo(g,h,i)perylene	26.11	276	177388	4.626	ng/ul#	87

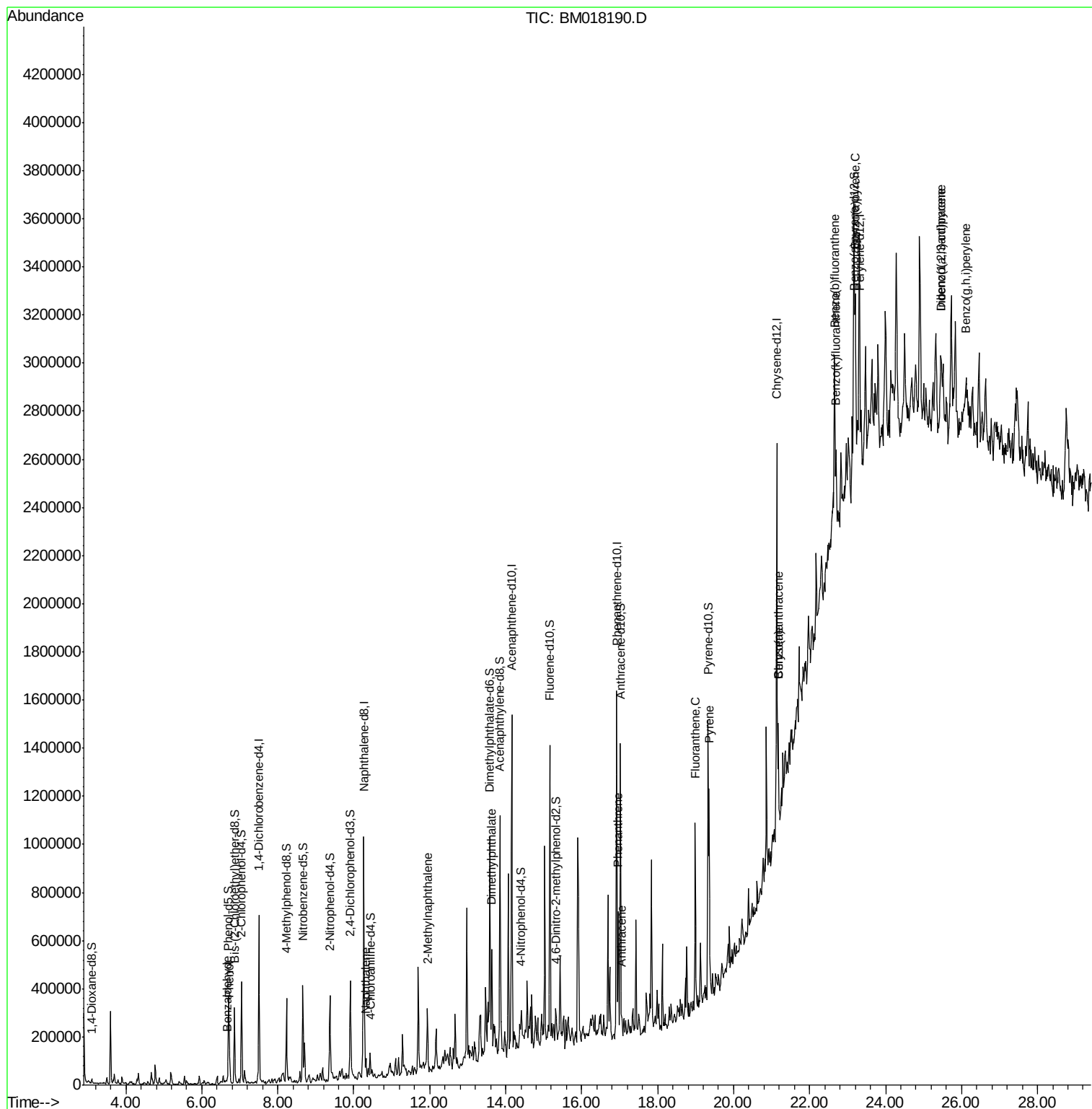
(#) = qualifier out of range (m) = manual integration (+) = signals summed

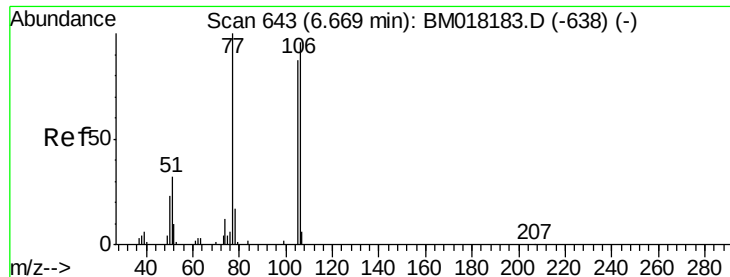
Data File : BM018190.D

```
Acq On       : 15 Dec 2018   05:11
Operator    : JU/SJ
Sample      : J6238-01
Misc       :
ALS Vial    : 24      Sample Multip
```

Instrument :
BNA_M
ClientSampleId :
BE7Z4

Quant Time: Dec 15 06:03:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 15 03:53:40 2018
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.512 ng/ul

RT: 6.67 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

Instrument :

BNA_M

ClientSampleId :

BE7Z4

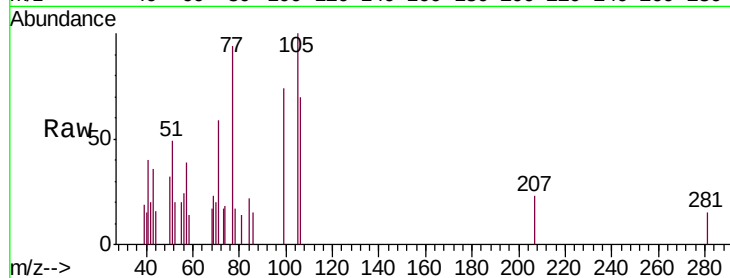
Tgt Ion: 77 Resp: 4532

Ion Ratio Lower Upper

77 100

105 106.7 77.8 116.8

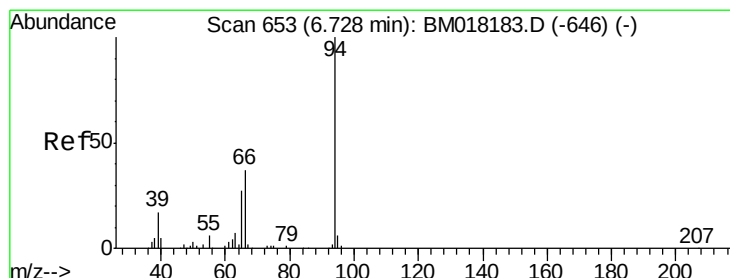
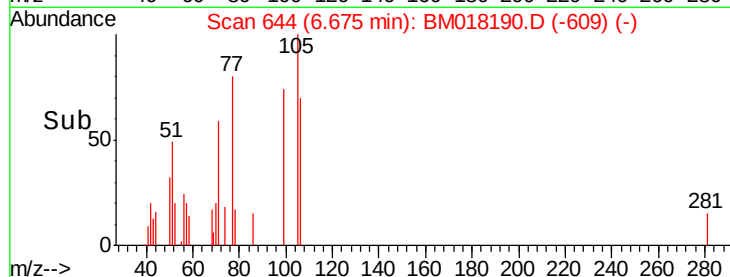
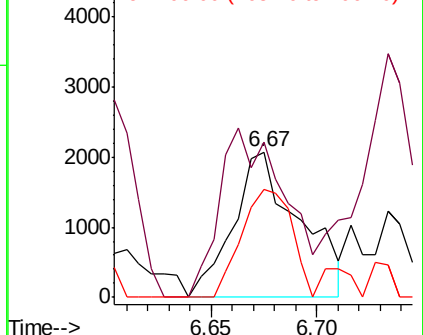
106 74.2 81.7 122.5#



Abundance Ion 77.00 (76.70 to 77.70): BM018183.D (-638) (-)

Ion 105.00 (104.70 to 105.70): BM018183.D (-638) (-)

Ion 106.00 (105.70 to 106.70): BM018183.D (-638) (-)



#6

Phenol

Concen: 2.746 ng/ul

RT: 6.73 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

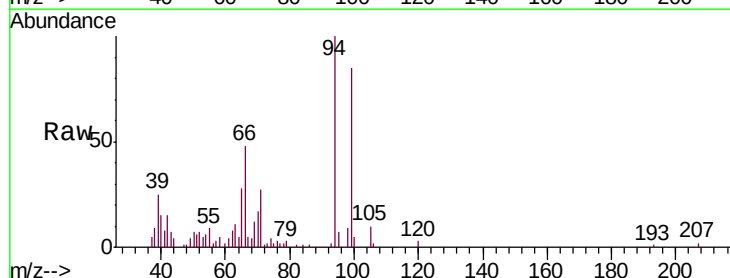
Tgt Ion: 94 Resp: 45862

Ion Ratio Lower Upper

94 100

65 27.5 22.0 33.0

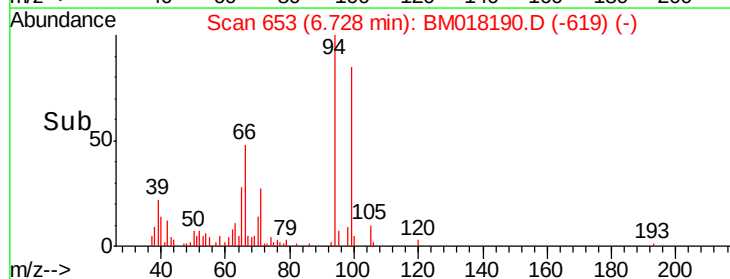
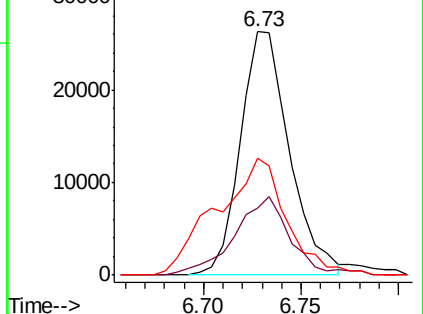
66 48.0 30.3 45.5#

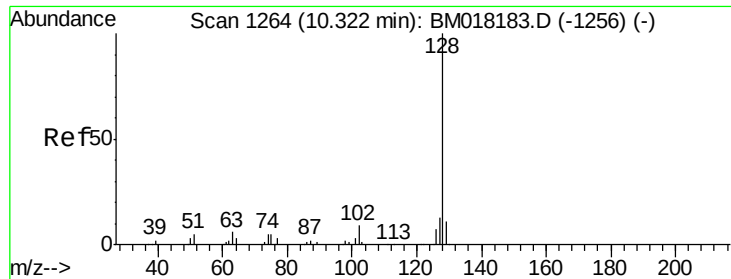


Abundance Ion 94.00 (93.70 to 94.70): BM018183.D (-646) (-)

Ion 65.00 (64.70 to 65.70): BM018183.D (-646) (-)

Ion 66.00 (65.70 to 66.70): BM018183.D (-646) (-)

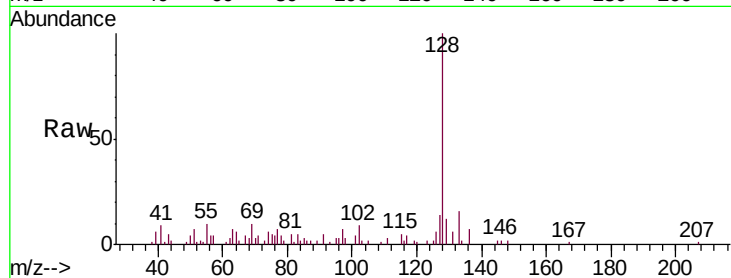




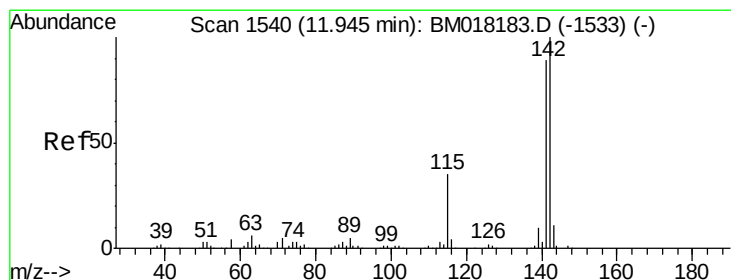
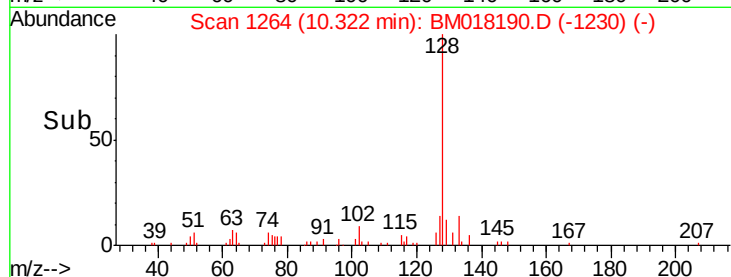
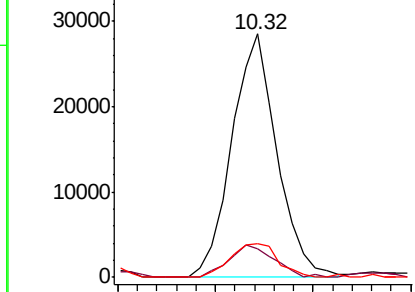
#28
Naphthalene
Concen: 1.111 ng/ul
RT: 10.32 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BM018190.D
Acq: 15 Dec 2018 05:11

Instrument :
BNA_M
ClientSampleId :
BE7Z4

Tgt Ion:128 Resp: 45548
Ion Ratio Lower Upper
128 100
129 12.0 8.2 12.4
127 13.8 9.7 14.5

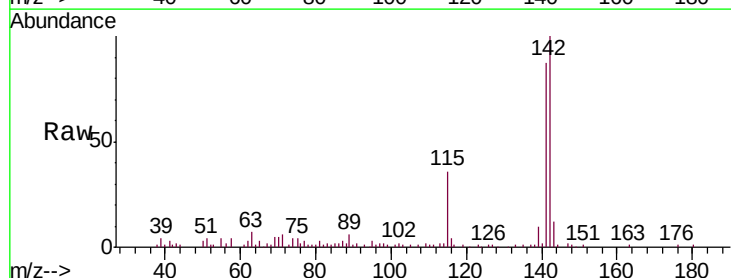


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

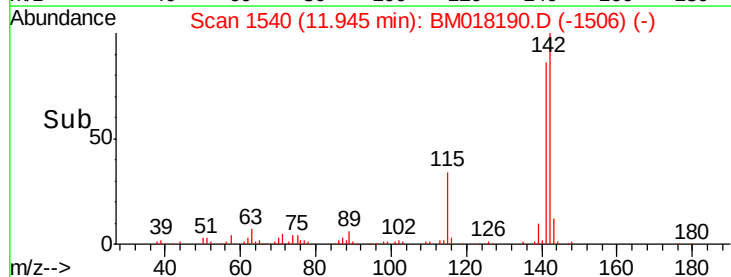
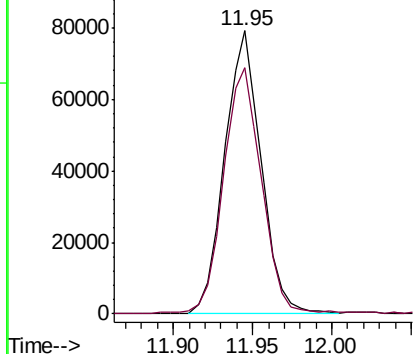


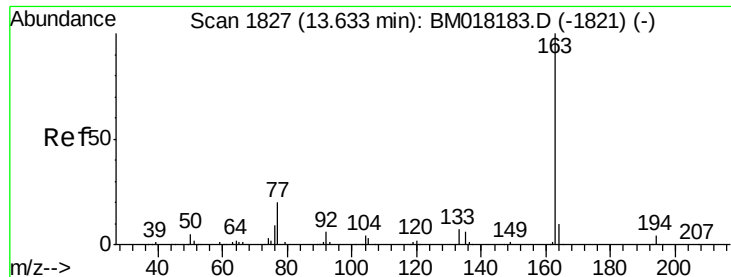
#34
2-Methylnaphthalene
Concen: 4.144 ng/ul
RT: 11.95 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BM018190.D
Acq: 15 Dec 2018 05:11

Tgt Ion:142 Resp: 125994
Ion Ratio Lower Upper
142 100
141 87.0 69.0 103.4



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





#44

Dimethylphthalate

Concen: 2.444 ng/ul

RT: 13.63 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

Instrument :

BNA_M

ClientSampleId :

BE7Z4

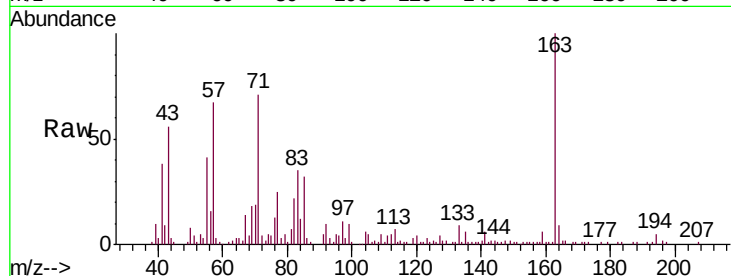
Tgt Ion:163 Resp: 81451

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

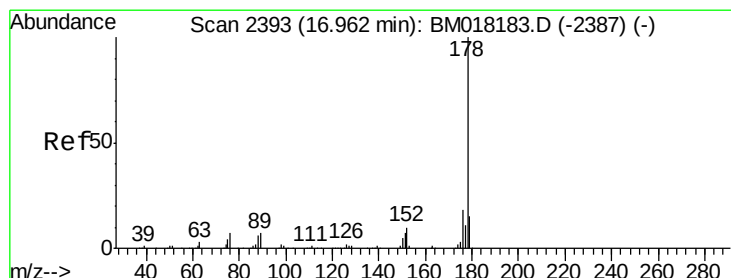
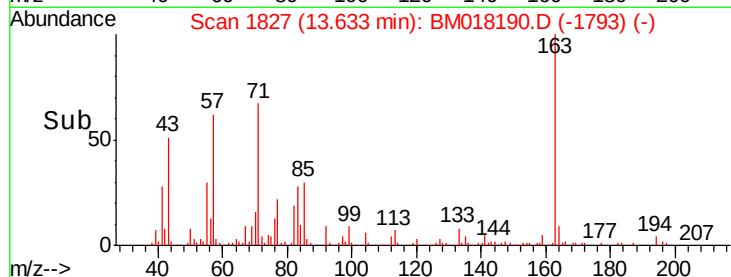
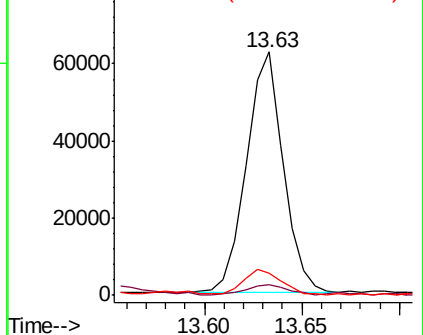
164 9.0 8.2 12.4



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: 6.375 ng/ul

RT: 16.96 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

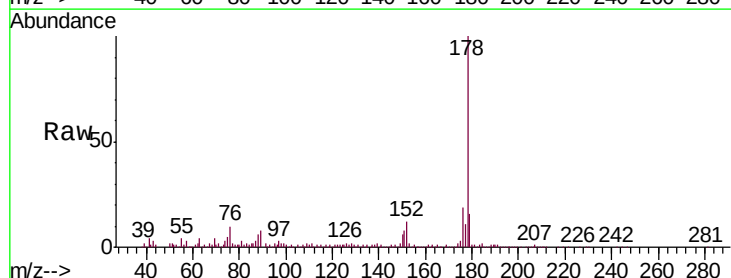
Tgt Ion:178 Resp: 273484

Ion Ratio Lower Upper

178 100

179 16.3 12.2 18.4

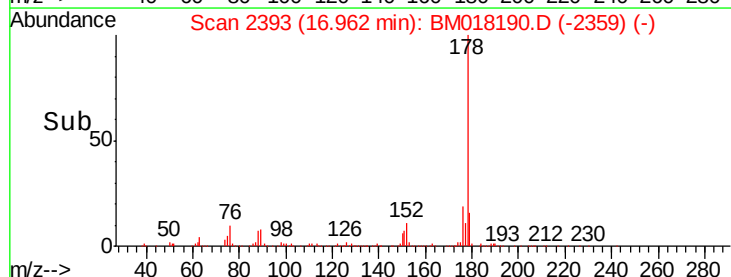
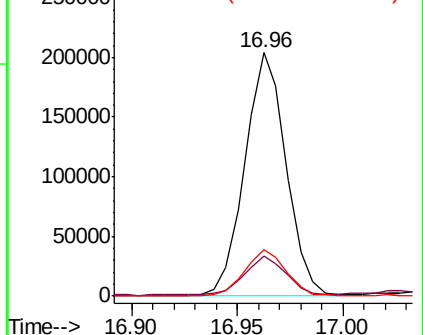
176 19.1 14.3 21.5

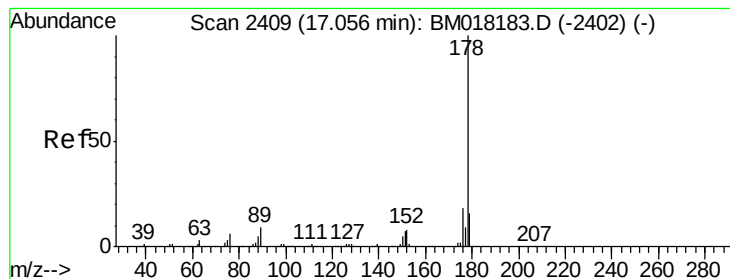


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.098 ng/ul

RT: 17.06 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

Instrument :

BNA_M

ClientSampleId :

BE7Z4

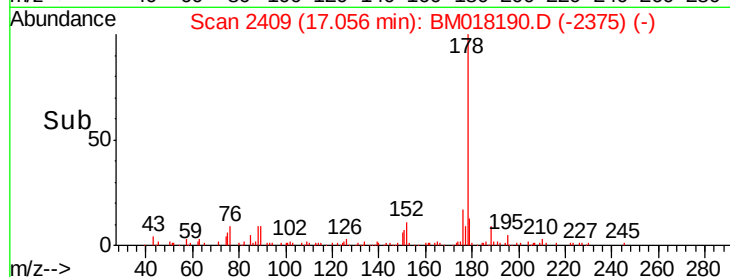
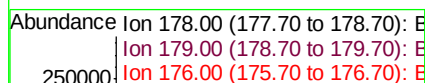
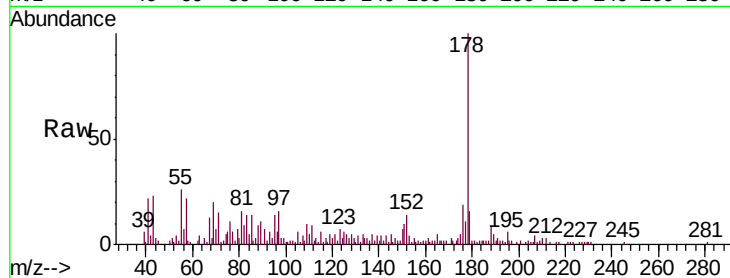
Tgt Ion:178 Resp: 48490

Ion Ratio Lower Upper

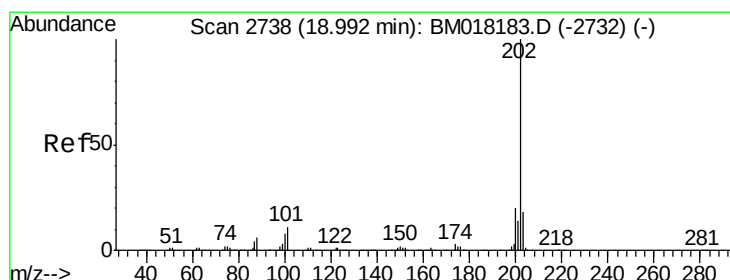
178 100

179 15.7 12.9 19.3

176 19.3 14.1 21.1



Time-->



#76

Fluoranthene

Concen: 8.313 ng/ul

RT: 18.99 min Scan# 2738

Delta R.T. 0.00 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

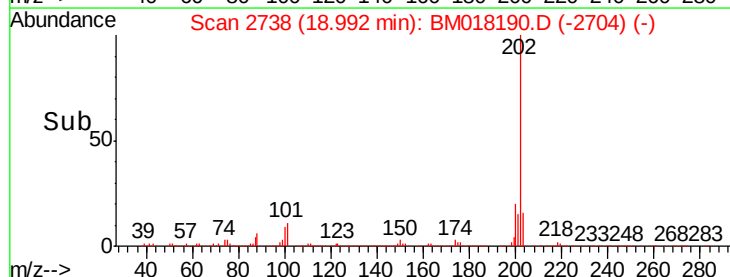
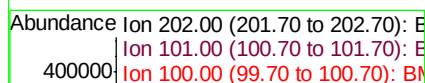
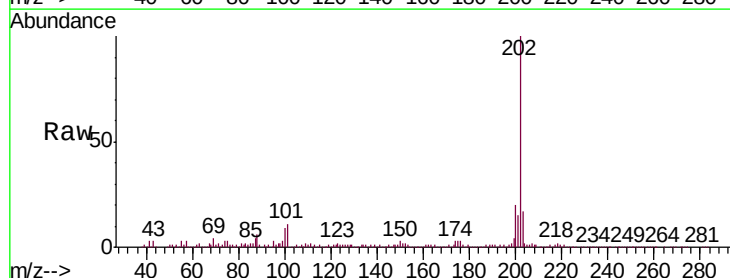
Tgt Ion:202 Resp: 413668

Ion Ratio Lower Upper

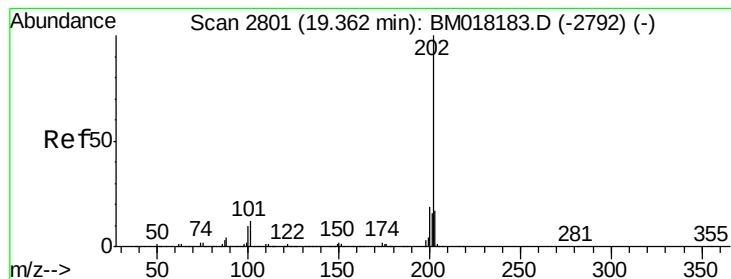
202 100

101 11.0 8.0 12.0

100 8.6 6.6 10.0



Time-->



#79

Pyrene

Concen: 10.510 ng/ul

RT: 19.36 min Scan# 2801

Delta R.T. 0.00 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

Instrument :

BNA_M

ClientSampleId :

BE7Z4

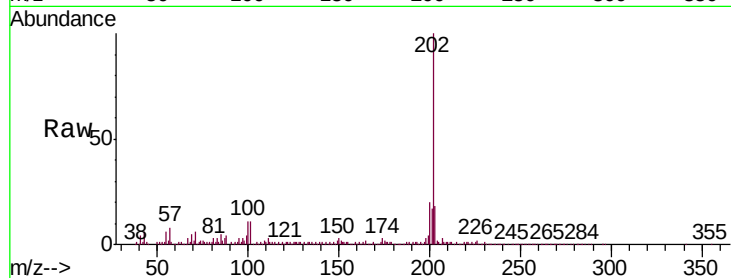
Tgt Ion:202 Resp: 396981

Ion Ratio Lower Upper

202 100

101 11.4 9.6 14.4

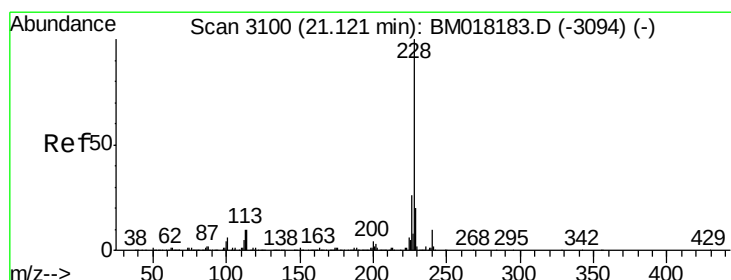
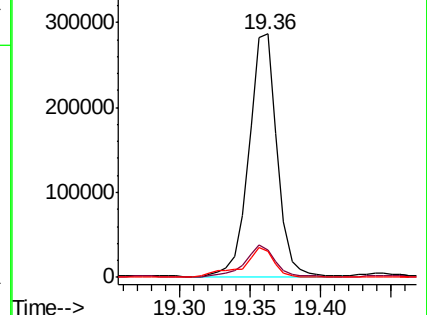
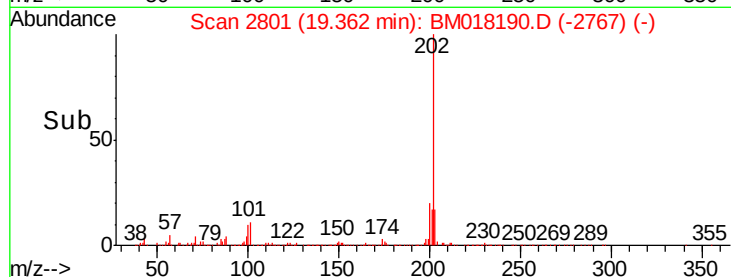
100 10.6 7.7 11.5



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



#82

Benzo(a)anthracene

Concen: 5.931 ng/ul

RT: 21.17 min Scan# 3109

Delta R.T. 0.05 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

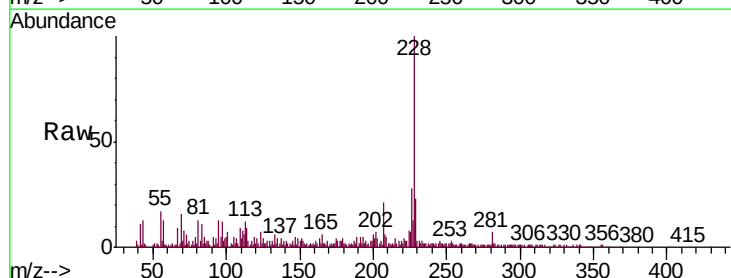
Tgt Ion:228 Resp: 236967

Ion Ratio Lower Upper

228 100

229 23.0 16.0 24.0

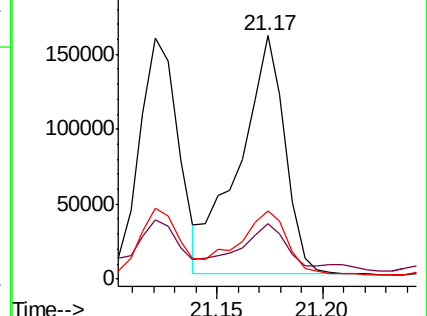
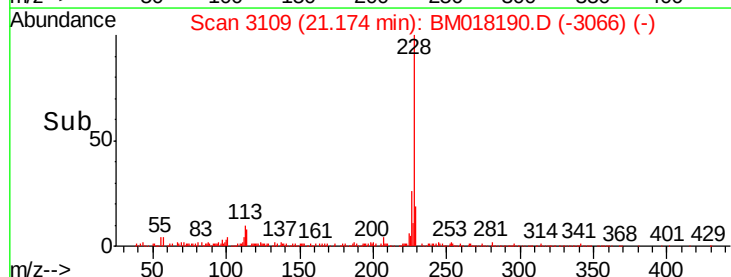
226 28.2 20.5 30.7

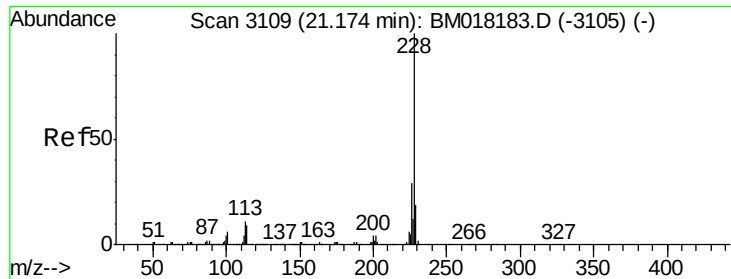


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 6.368 ng/ul

RT: 21.17 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

Instrument :

BNA_M

ClientSampleId :

BE7Z4

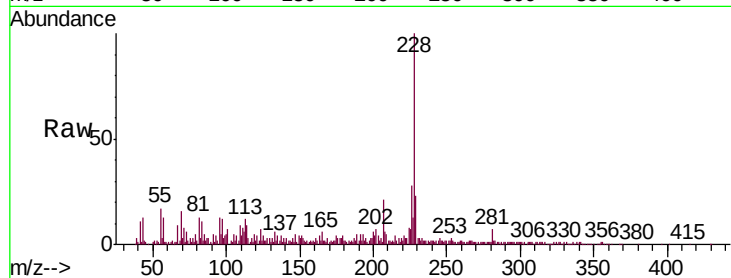
Tgt Ion:228 Resp: 237437

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

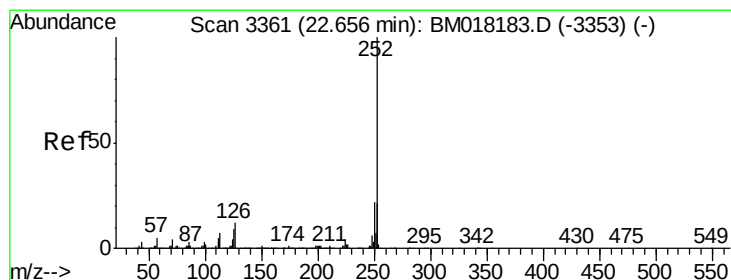
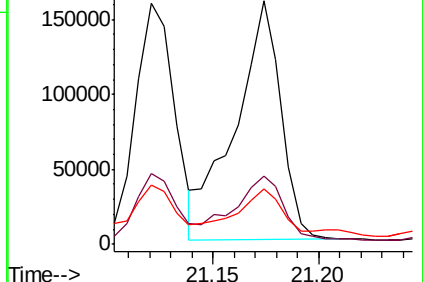
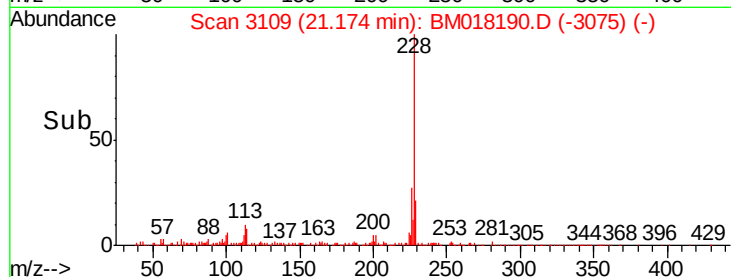
229 23.0 15.5 23.3



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

Benzo(b)fluoranthene

Concen: 7.765 ng/ul

RT: 22.67 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

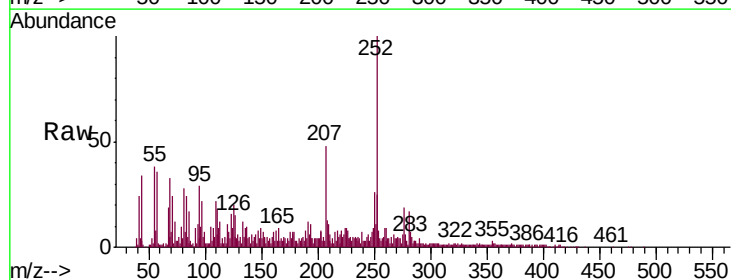
Tgt Ion:252 Resp: 319212

Ion Ratio Lower Upper

252 100

253 25.1 17.3 25.9

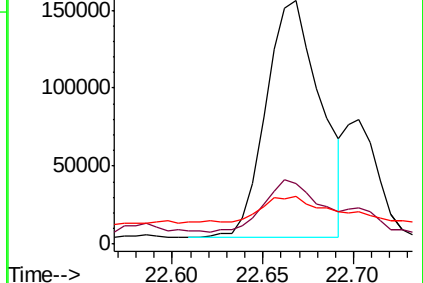
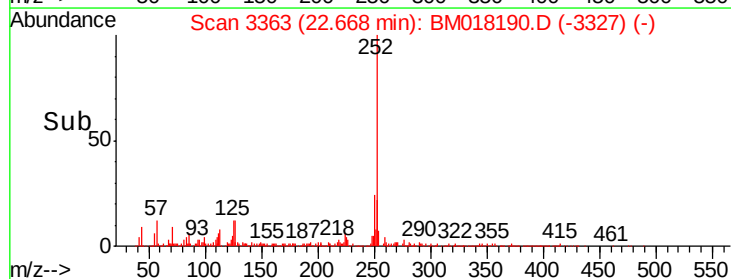
125 19.9 7.8 11.6#

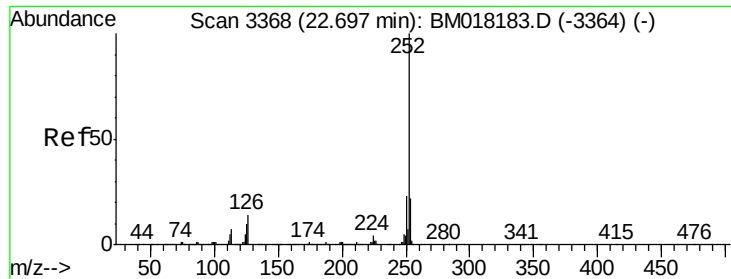


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.268 ng/ul

RT: 22.70 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

Instrument :

BNA_M

ClientSampleId :

BE7Z4

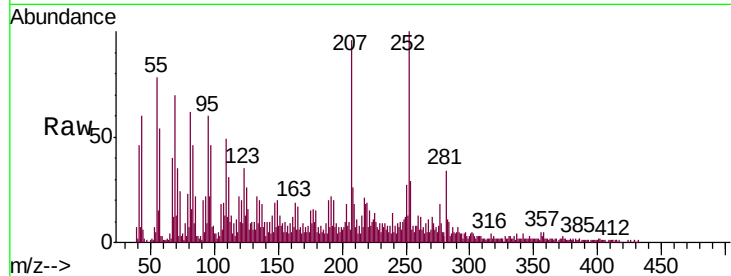
Tgt Ion:252 Resp: 92762

Ion Ratio Lower Upper

252 100

253 29.0 17.4 26.0#

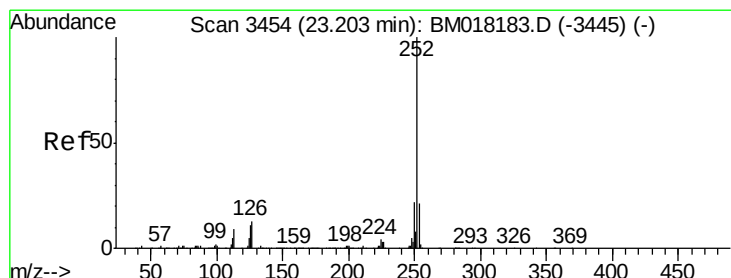
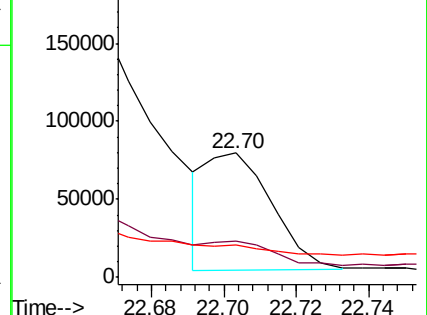
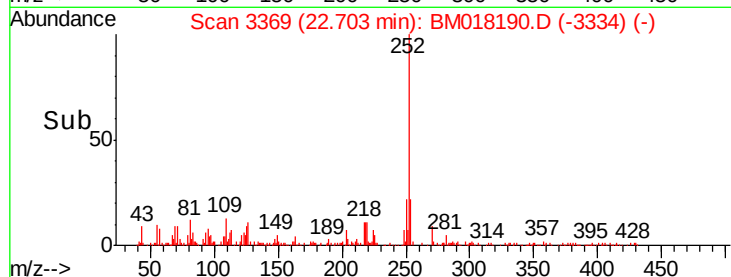
125 25.7 7.8 11.8#



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: 5.610 ng/ul

RT: 23.21 min Scan# 3455

Delta R.T. 0.01 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

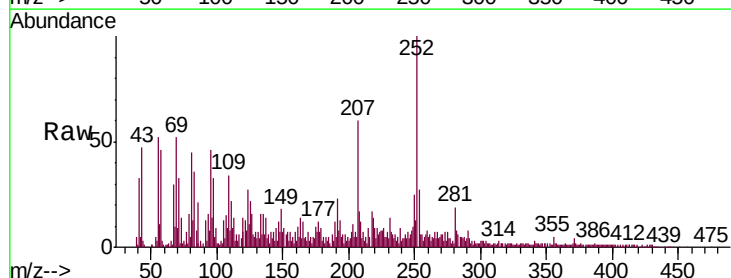
Tgt Ion:252 Resp: 227466

Ion Ratio Lower Upper

252 100

253 26.5 17.4 26.0#

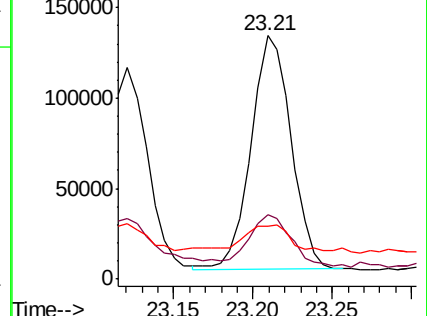
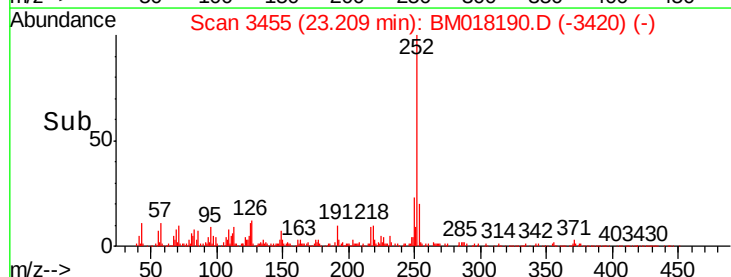
125 21.9 9.0 13.4#

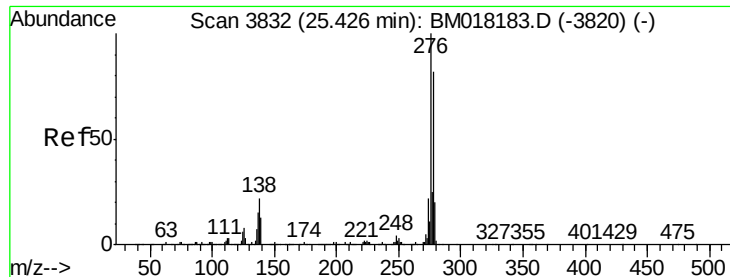


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



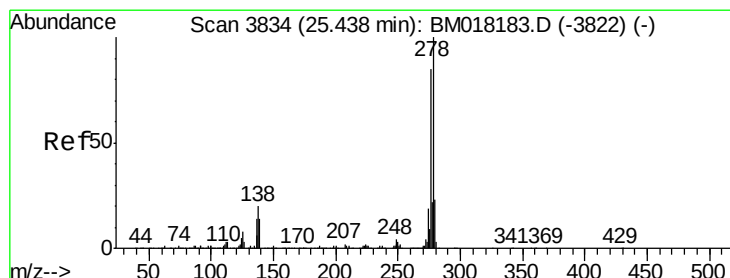
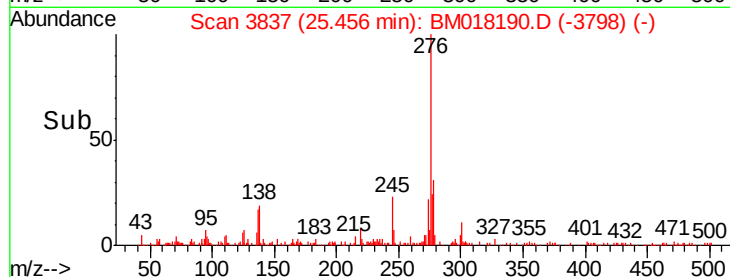
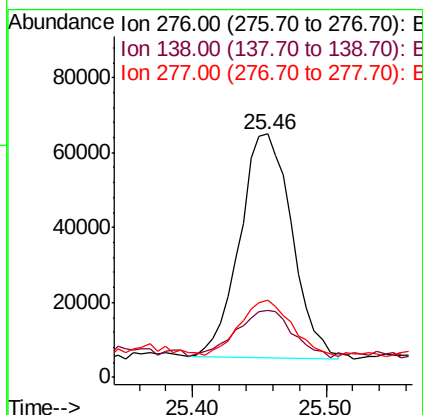
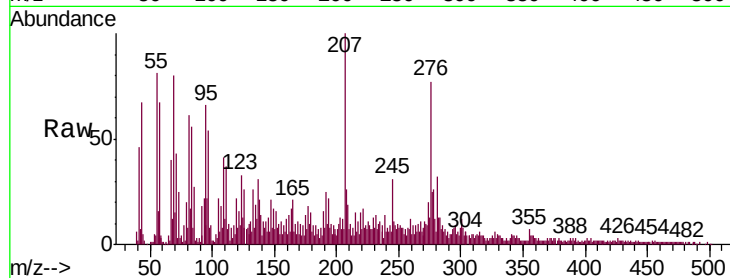


#91

Indeno(1,2,3-cd)pyrene
Concen: 3.509 ng/ul
RT: 25.46 min Scan# 3837
Delta R.T. 0.03 min
Lab File: BM018190.D
Acq: 15 Dec 2018 05:11

Instrument :
BNA_M
ClientSampleId :
BE7Z4

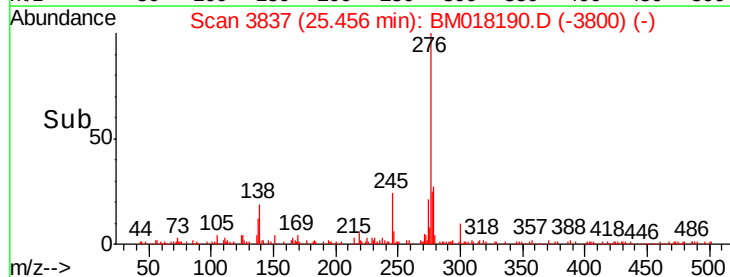
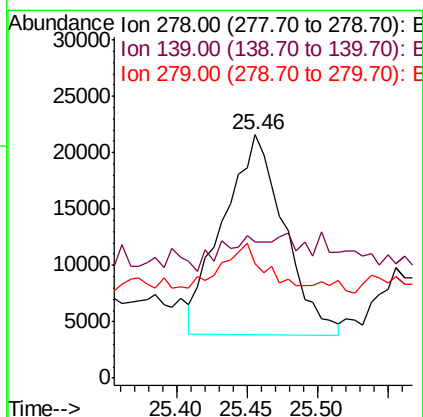
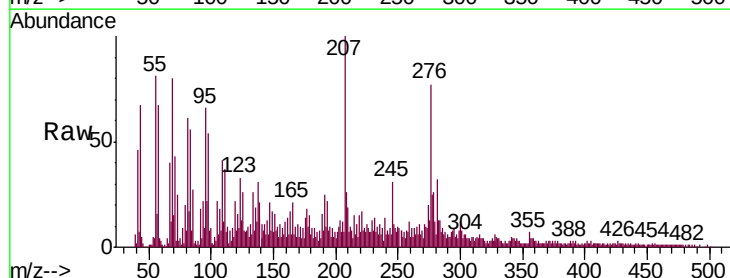
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	18.6	28.0
277	32.0	20.1	30.1#

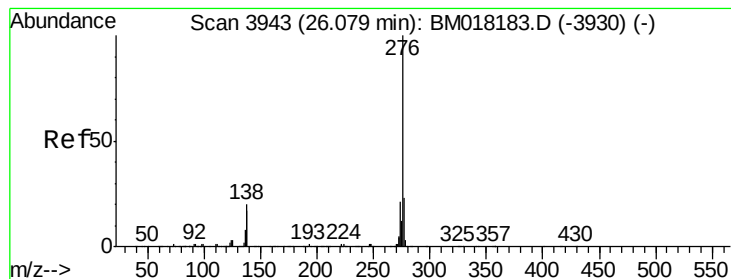


#92

Dibenzo(a,h)anthracene
Concen: 1.374 ng/ul
RT: 25.46 min Scan# 3837
Delta R.T. 0.02 min
Lab File: BM018190.D
Acq: 15 Dec 2018 05:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	55.8	12.6	19.0#
279	47.1	19.6	29.4#





#93

Benzo(g,h,i)perylene

Concen: 4.626 ng/ul

RT: 26.11 min Scan# 3949

Delta R.T. 0.04 min

Lab File: BM018190.D

Acq: 15 Dec 2018 05:11

Instrument :

BNA_M

ClientSampleId :

BE7Z4

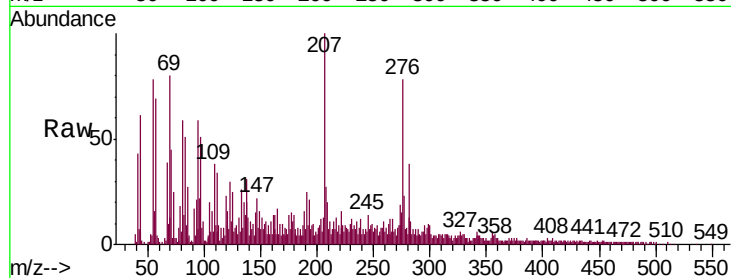
Tgt Ion: 276 Resp: 177388

Ion Ratio Lower Upper

276 100

138 25.8 15.4 23.2#

277 29.1 19.0 28.4#



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

