

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
 Data File : BM014553.D
 Acq On : 13 Mar 2018 21:15
 Operator : SJ/JU
 Sample : J1835-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F08

Quant Time: Mar 14 02:09:19 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 02:08:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	99821	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	459424	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.14	164	253825	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	548899	20.00	ng/ul	0.00
75) Chrysene-d12	21.13	240	462655	20.00	ng/ul	0.00
83) Perylene-d12	23.30	264	372269	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	4450	1.91	ng/uL	0.00
5) Phenol-d5	6.70	99	149988	17.78	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	87455	17.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	122297	18.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	110171	14.92	ng/ul	0.01
19) Nitrobenzene-d5	8.65	128	64907	19.12	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	65836	18.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	125260	17.21	ng/ul	0.01
29) 4-Chloroaniline-d4	10.43	131	19982	2.79	ng/ul	0.01
43) Dimethylphthalate-d6	13.56	166	404066	19.28	ng/ul	0.00
46) Acenaphthylene-d8	13.83	160	490766	18.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	38951	13.46	ng/ul	0.00
57) Fluorene-d10	15.15	176	331973	17.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	44710	13.58	ng/ul	0.00
70) Anthracene-d10	17.01	188	478140	18.05	ng/ul	0.00
76) Pyrene-d10	19.32	212	514541	21.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.17	264	351669	19.41	ng/ul	0.01

Target Compounds

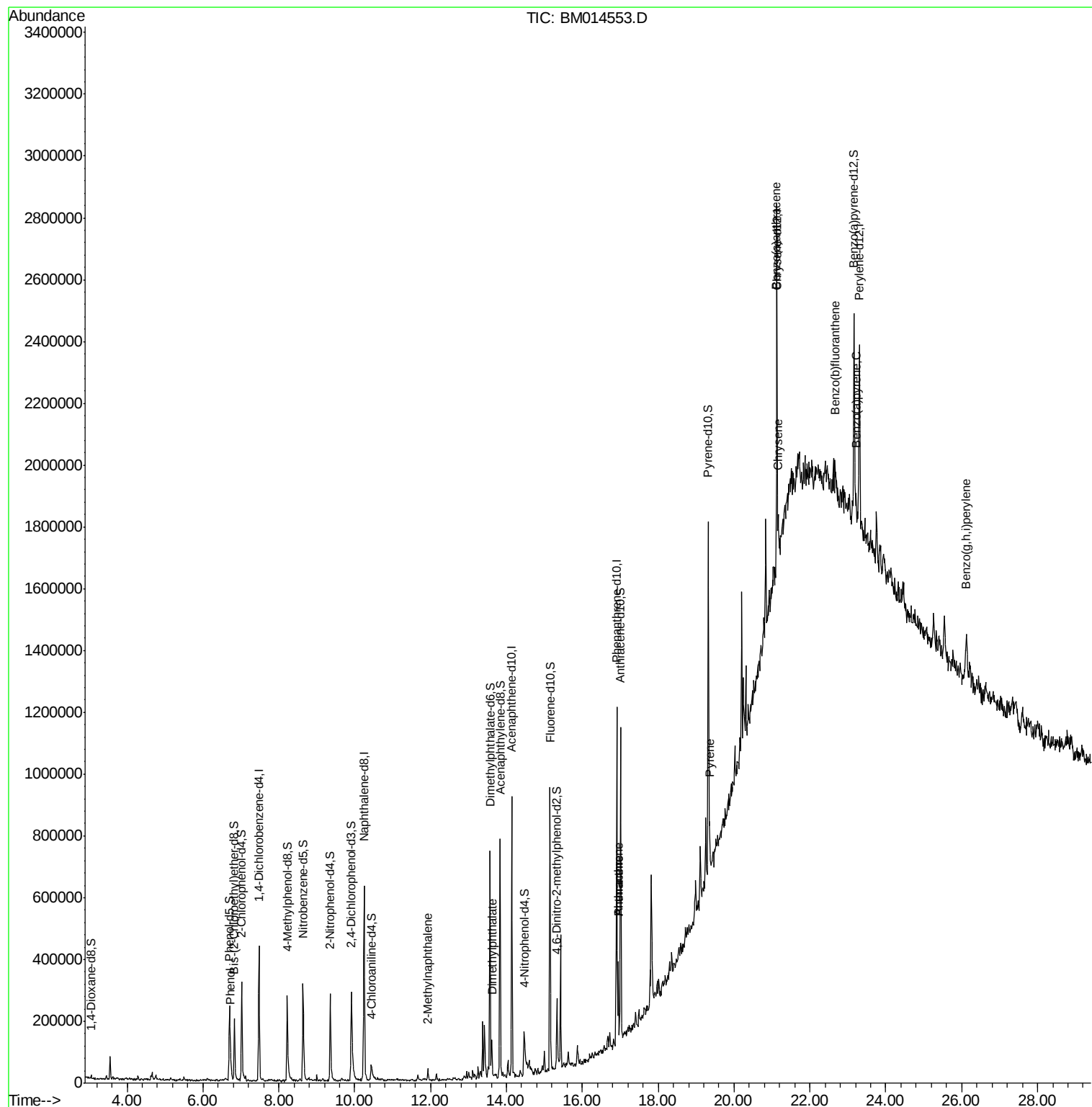
					Ovalue	
6) Phenol	6.73	94	10301	1.164	ng/ul	94
34) 2-Methylnaphthalene	11.93	142	18339	1.021	ng/ul	87
44) Dimethylphthalate	13.62	163	59631	2.885	ng/ul#	96
69) Phenanthrene	16.95	178	130139	4.115	ng/ul	98
71) Anthracene	16.95	178	130139	4.092	ng/ul	97
77) Pyrene	19.35	202	85909	2.794	ng/ul	98
80) Benzo(a)anthracene	21.12	228	35489	1.229	ng/ul#	70
82) Chrysene	21.17	228	68081	2.528	ng/ul#	94
85) Benzo(b)fluoranthene	22.66	252	31119	1.248	ng/ul#	56
88) Benzo(a)pyrene	23.21	252	24180	1.086	ng/ul#	34
91) Benzo(g,h,i)perylene	26.13	276	29078	1.661	ng/ul#	73

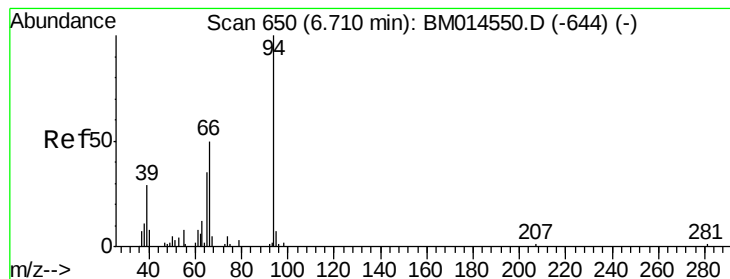
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 02:08:18 2018
Response via : Initial Calibration





#6

Phenol

Concen: 1.164 ng/ul

RT: 6.73 min Scan# 653

Delta R.T. 0.02 min

Lab File: BM014553.D

Acq: 13 Mar 2018 21:15

Instrument :

BNA_M

ClientSampleId :

F6F08

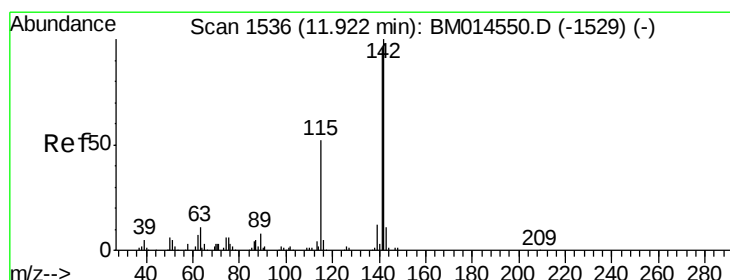
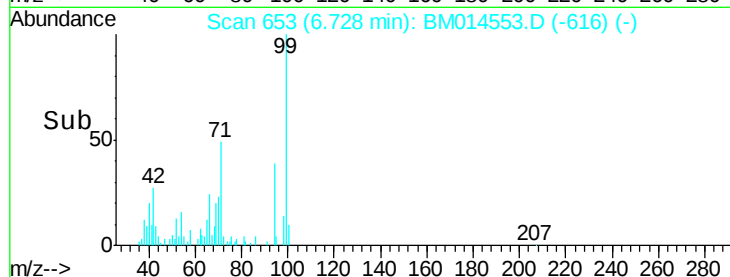
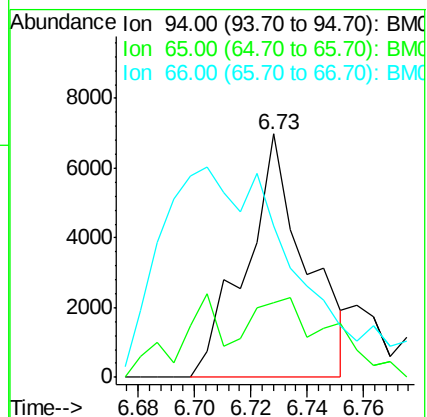
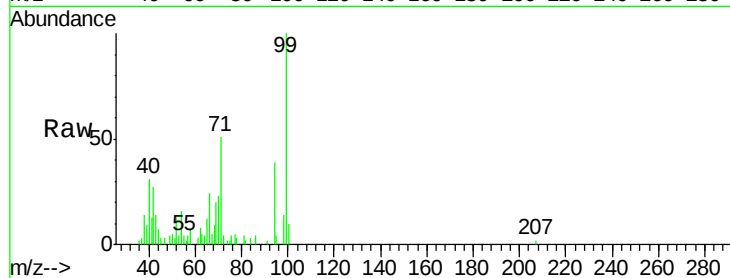
Tot Ion: 94 Resp: 10301

Ion Ratio Lower Upper

94 100

65 30.5 28.2 42.4

66 62.2 47.2 70.8



#34

2-Methylnaphthalene

Concen: 1.021 ng/ul

RT: 11.93 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BM014553.D

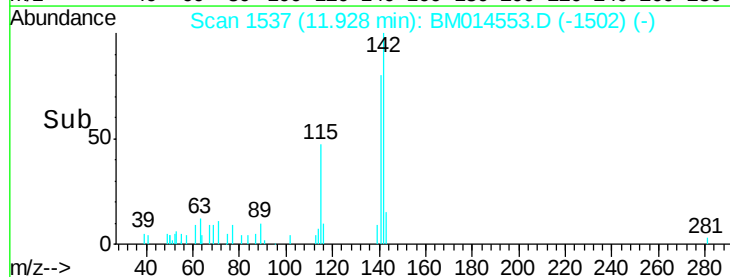
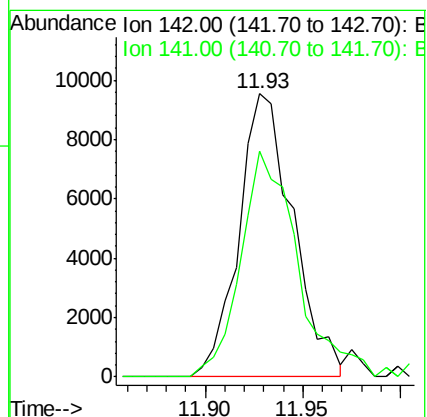
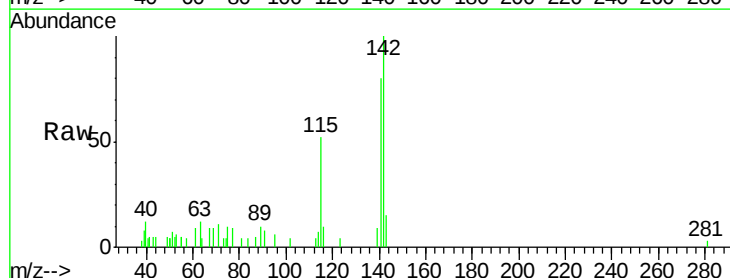
Acq: 13 Mar 2018 21:15

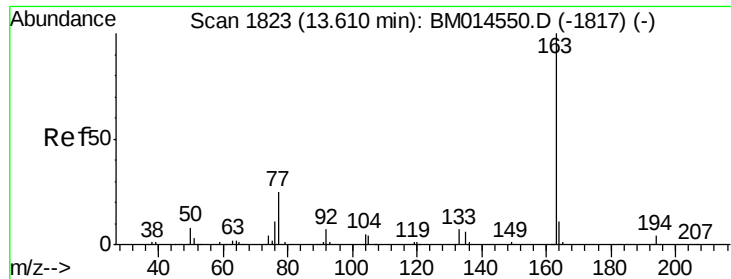
Tgt Ion: 142 Resp: 18339

Ion Ratio Lower Upper

142 100

141 80.0 74.1 111.1

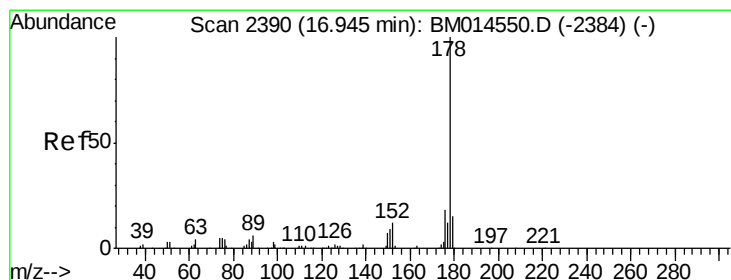
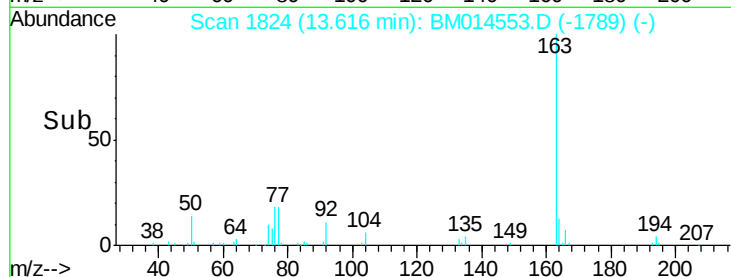
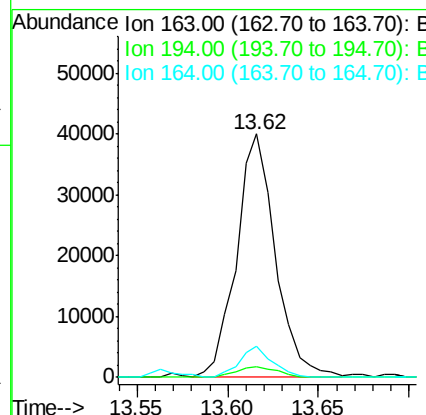
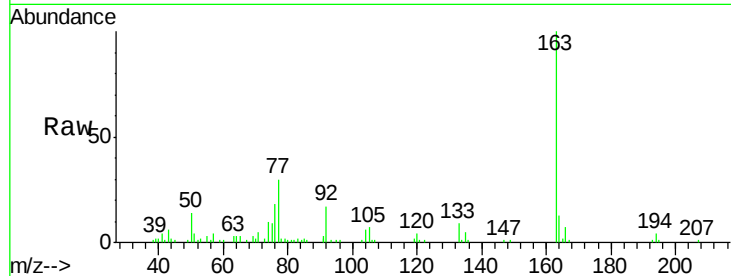




#44
Dimethylphthalate
Concen: 2.885 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. 0.01 min
Lab File: BM014553.D
Acq: 13 Mar 2018 21:15

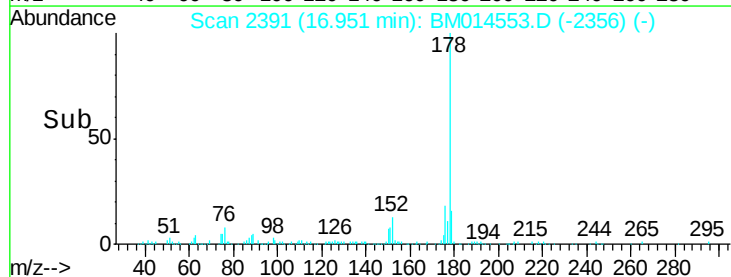
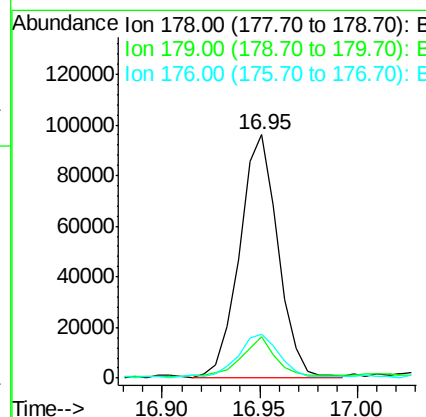
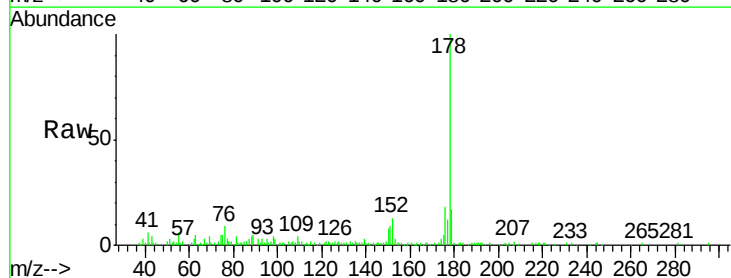
Instrument :
BNA_M
ClientSampleId :
F6F08

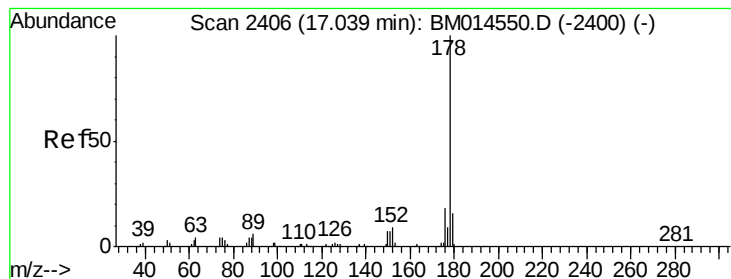
Tot Ion:163 Resp: 59631
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 12.6 8.2 12.4#



#69
Phenanthrene
Concen: 4.115 ng/ul
RT: 16.95 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BM014553.D
Acq: 13 Mar 2018 21:15

Tgt Ion:178 Resp: 130139
Ion Ratio Lower Upper
178 100
179 16.7 12.6 19.0
176 17.9 14.9 22.3





#71

Anthracene

Concen: 4.092 ng/ul

RT: 16.95 min Scan# 2391

Delta R.T. -0.09 min

Lab File: BM014553.D

Acq: 13 Mar 2018 21:15

Instrument :

BNA_M

ClientSampleId :

F6F08

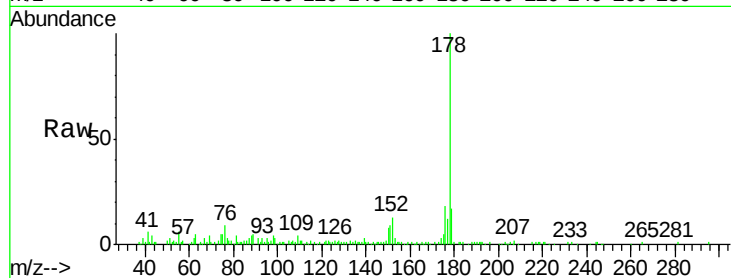
Tot Ion:178 Resp: 130139

Ion Ratio Lower Upper

178 100

179 16.7 11.7 17.5

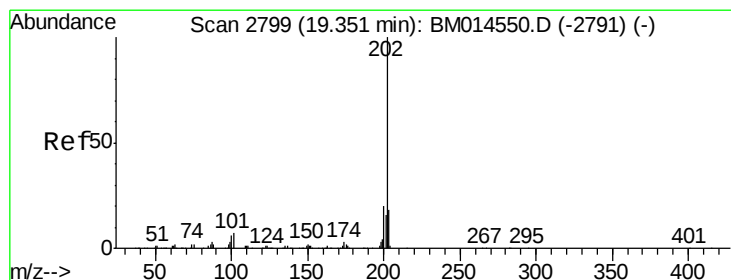
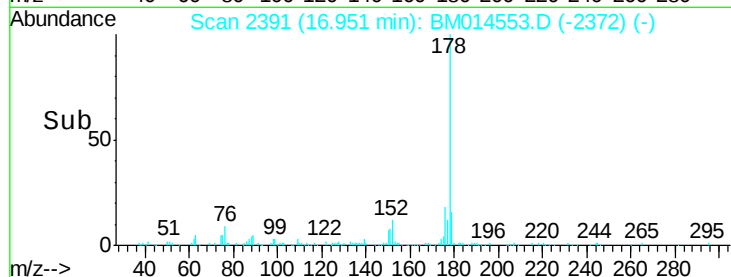
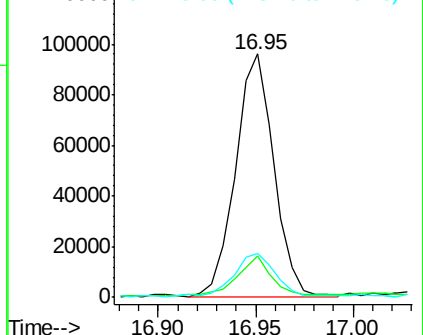
176 17.9 14.6 21.8



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



#77

Pyrene

Concen: 2.794 ng/ul

RT: 19.35 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BM014553.D

Acq: 13 Mar 2018 21:15

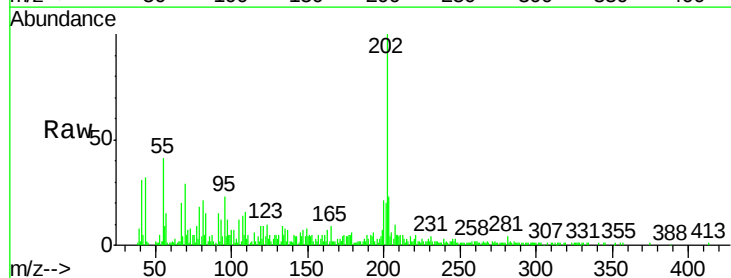
Tgt Ion:202 Resp: 85909

Ion Ratio Lower Upper

202 100

101 6.9 5.1 7.7

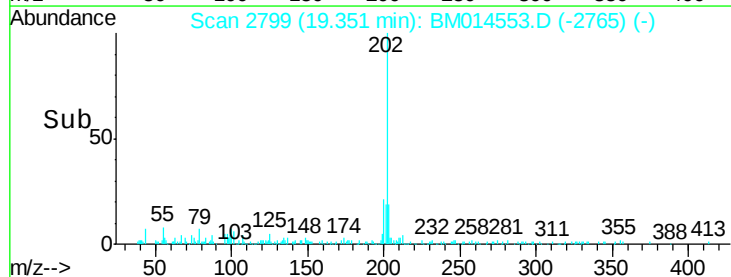
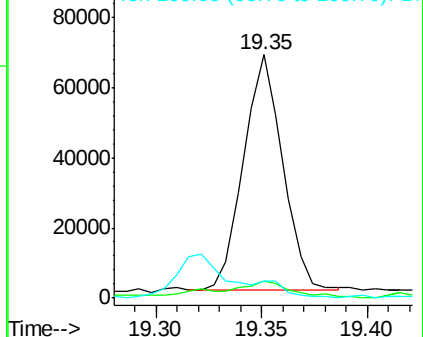
100 7.2 4.9 7.3

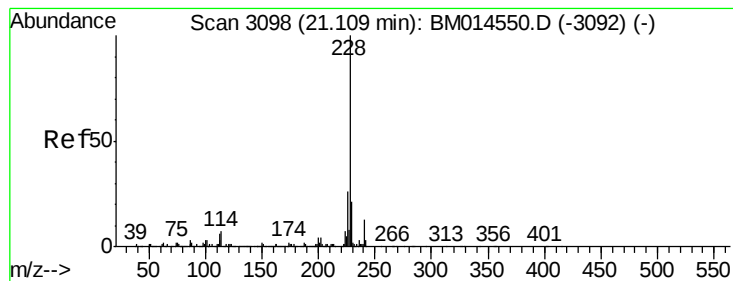


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.229 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BM014553.D

Acq: 13 Mar 2018 21:15

Instrument :

BNA_M

ClientSampleId :

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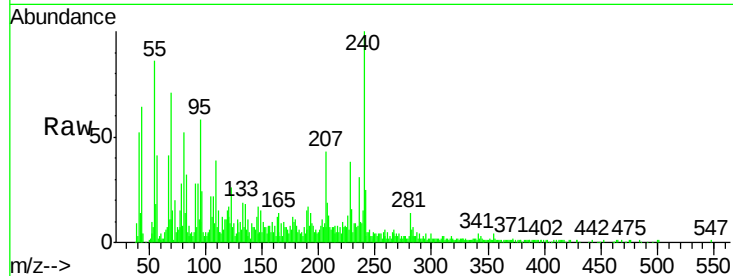
Tot Ion:228 Resp: 35489

Ion Ratio Lower Upper

228 100

229 41.2 15.4 23.0#

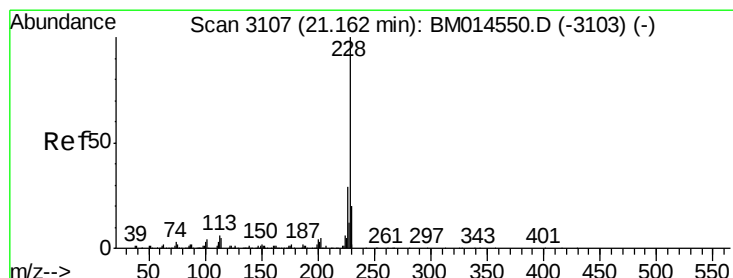
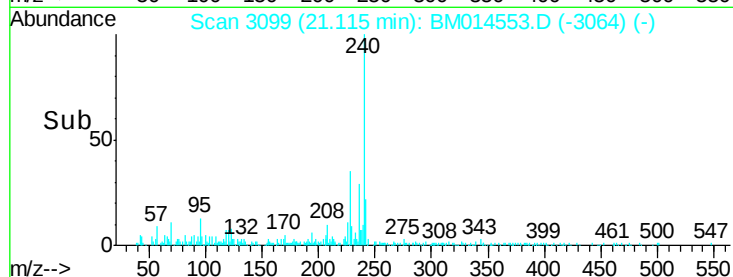
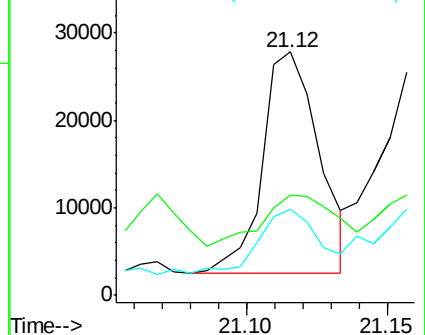
226 35.5 21.4 32.0#



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



#82

Chrysene

Concen: 2.528 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BM014553.D

Acq: 13 Mar 2018 21:15

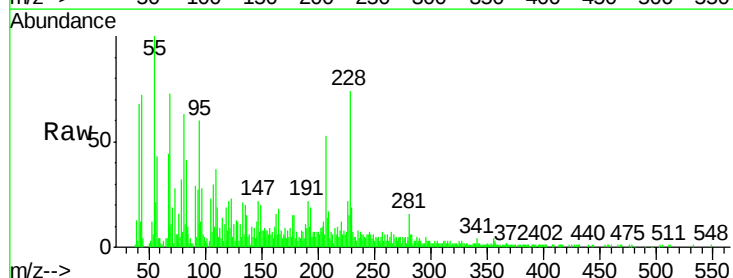
Tgt Ion:228 Resp: 68081

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.2

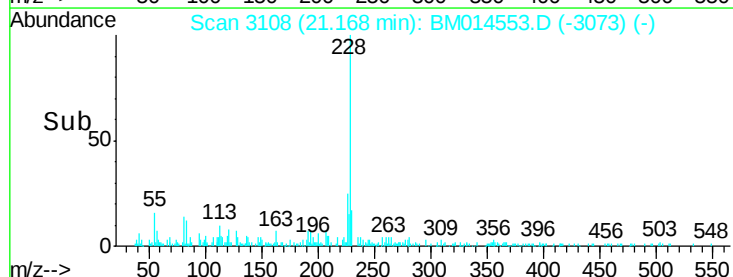
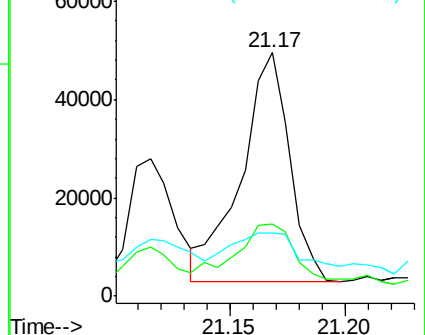
229 26.1 15.5 23.3#

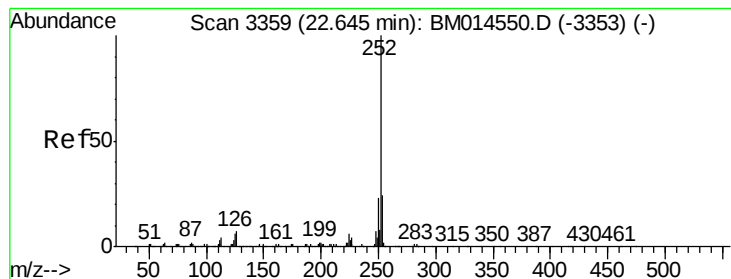


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.248 ng/ul

RT: 22.66 min Scan# 3361

Delta R.T. 0.01 min

Lab File: BM014553.D

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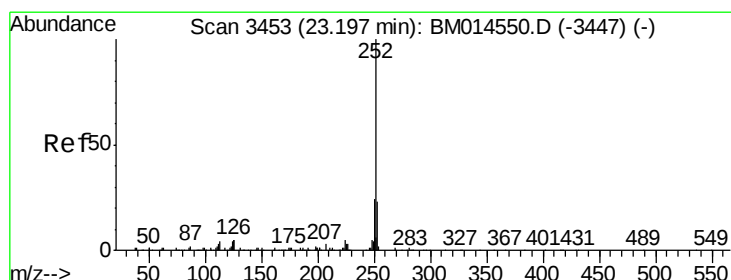
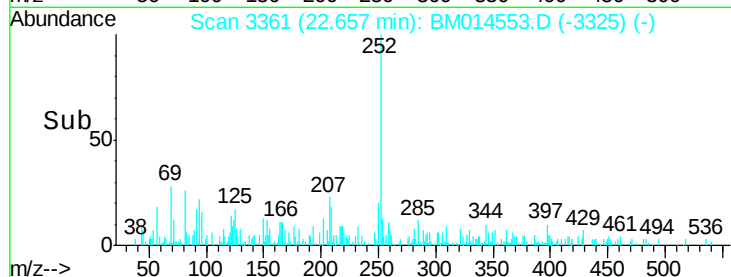
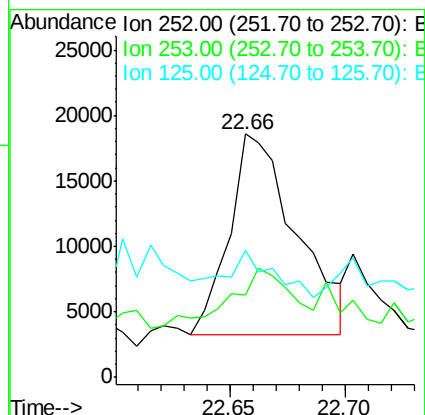
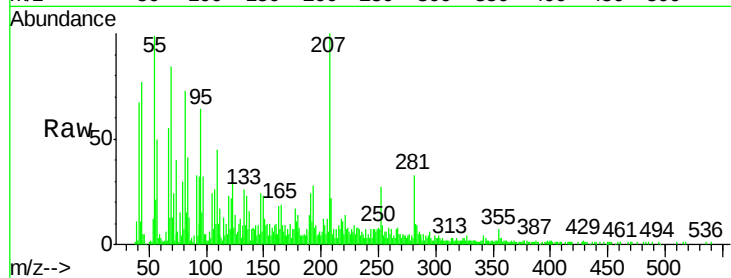
Tot Ion:252 Resp: 31119

Ion Ratio Lower Upper

252 100

253 34.0 17.9 26.9#

125 52.2 3.6 5.4#



#88

Benzo(a)pyrene

Concen: 1.086 ng/ul

RT: 23.21 min Scan# 3455

Delta R.T. 0.01 min

Lab File: BM014553.D

Acq: 13 Mar 2018 21:15

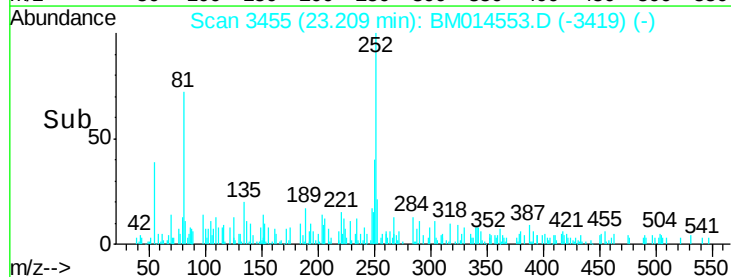
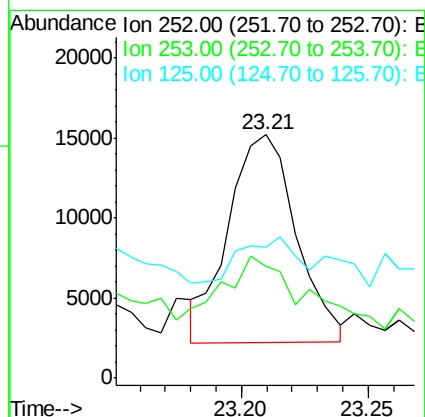
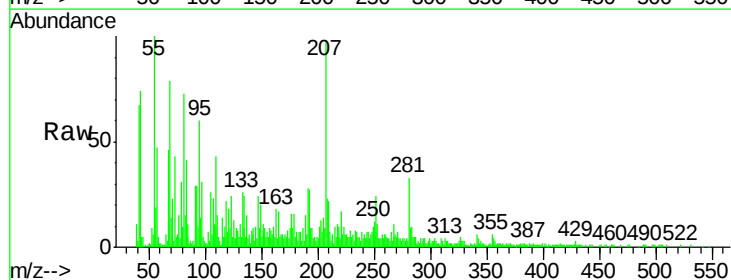
Tgt Ion:252 Resp: 24180

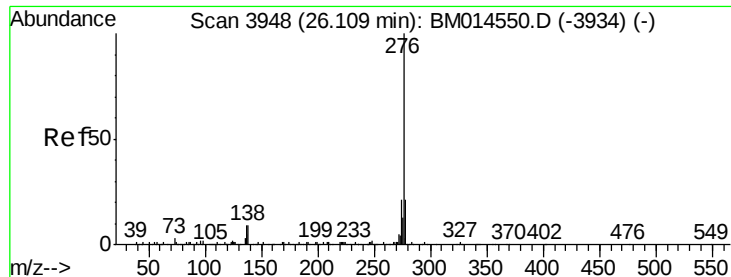
Ion Ratio Lower Upper

252 100

253 45.8 18.2 27.2#

125 54.0 4.0 6.0#





#91

Benzo(a,h,i)perylene

Concen: 1.661 ng/ul

RT: 26.13 min Scan# 3952

Delta R.T. 0.02 min

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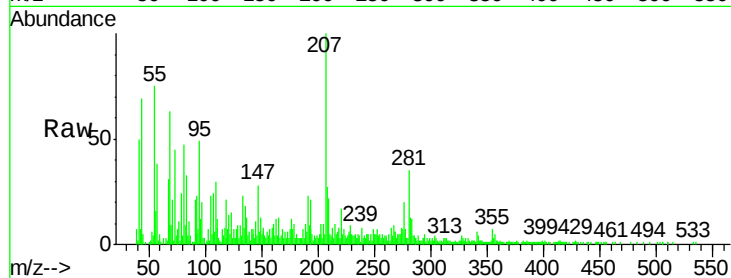
Tot Ion:276 Resp: 29078

Ion Ratio Lower Upper

276 100

138 19.0 8.5 12.7#

277 37.1 18.6 28.0#



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

