

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
 Data File : BM014555.D
 Acq On : 13 Mar 2018 22:28
 Operator : SJ/JU
 Sample : J1835-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F13

Quant Time: Mar 14 02:09:56 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	7.47	152	127953	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	534287	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.14	164	287770	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.91	188	545087	20.00	ng/ul	0.00
75) Chrysene-d12	21.13	240	344626	20.00	ng/ul	0.00
83) Perylene-d12	23.31	264	326057	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	5432	1.82	ng/uL	0.01
5) Phenol-d5	6.70	99	207613	19.20	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	118772	18.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	167435	20.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	139727	14.77	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	86839	21.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	101606	24.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	186296	22.01	ng/ul	0.01
29) 4-Chloroaniline-d4	10.44	131	39998	4.80	ng/ul	0.02
43) Dimethylphthalate-d6	13.56	166	623153	26.22	ng/ul	0.00
46) Acenaphthylene-d8	13.83	160	725621	24.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	56291	17.16	ng/ul	0.00
57) Fluorene-d10	15.14	176	488596	22.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	54608	16.70	ng/ul	0.00
70) Anthracene-d10	17.01	188	645685	24.55	ng/ul	0.00
76) Pyrene-d10	19.32	212	547553	30.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.17	264	403372	25.42	ng/ul	0.02

Target Compounds

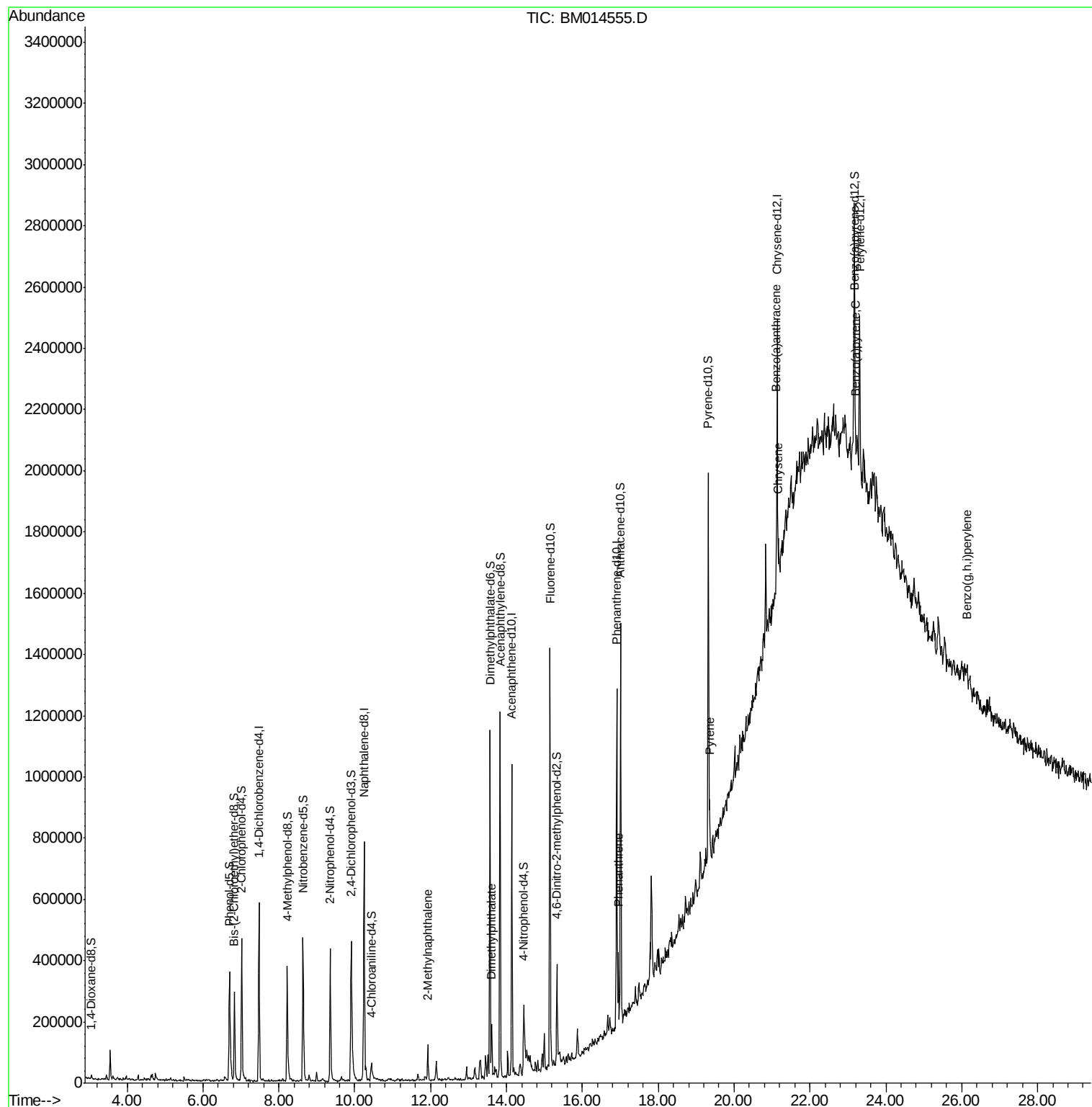
					Ovalue	
34) 2-Methylnaphthalene	11.93	142	48417	2.318	ng/ul	83
44) Dimethylphthalate	13.62	163	87401	3.730	ng/ul#	95
69) Phenanthrene	16.95	178	126486	4.027	ng/ul#	95
77) Pyrene	19.35	202	88408	3.860	ng/ul#	85
80) Benzo(a)anthracene	21.12	228	28996	1.348	ng/ul#	77
82) Chrysene	21.17	228	47253	2.355	ng/ul#	85
88) Benzo(a)pyrene	23.22	252	20540	1.053	ng/ul#	43
91) Benzo(a,h,i)perylene	26.14	276	29527	1.925	ng/ul#	81

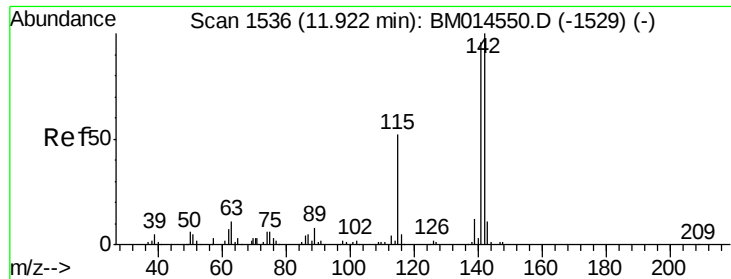
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

2-Methylnaphthalene

Concen: 2.318 ng/ul

RT: 11.93 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BM014555.D

Acq: 13 Mar 2018 22:28

Instrument :

BNA_M

ClientSampleId :

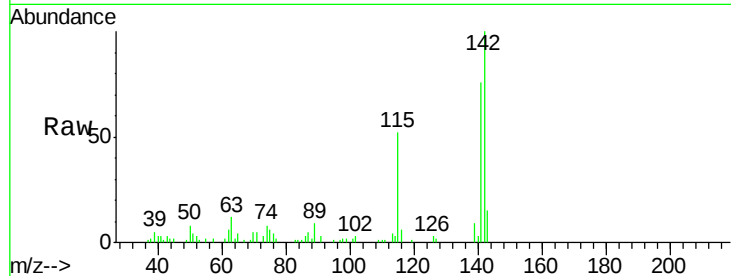
F6F13

Tot Ion:142 Resp: 48417

Ion Ratio Lower Upper

142 100

141 76.0 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

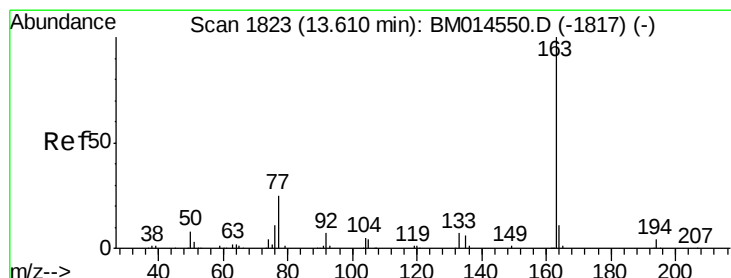
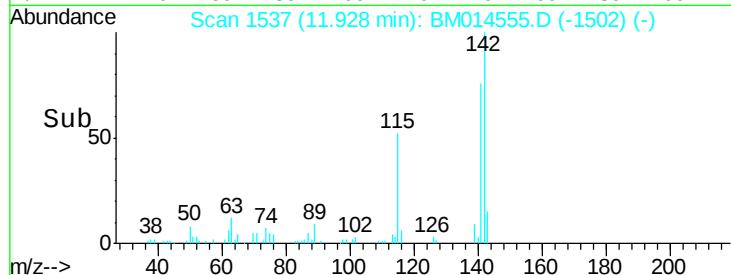
30000

20000

10000

0

Time--> 11.85 11.90 11.95



#44

Dimethylphthalate

Concen: 3.730 ng/ul

RT: 13.62 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BM014555.D

Acq: 13 Mar 2018 22:28

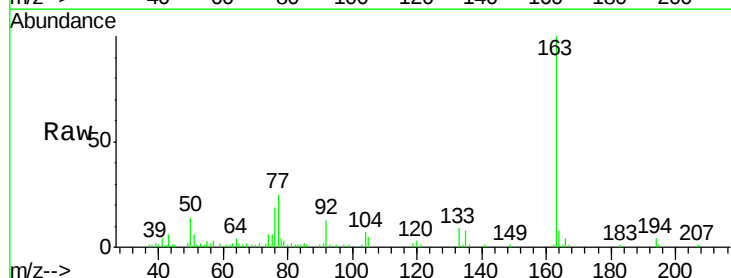
Tgt Ion:163 Resp: 87401

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 7.6 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

80000

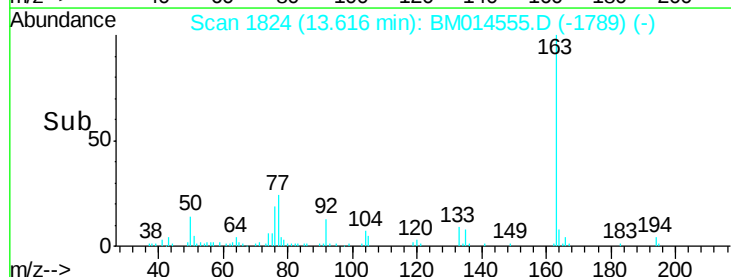
60000

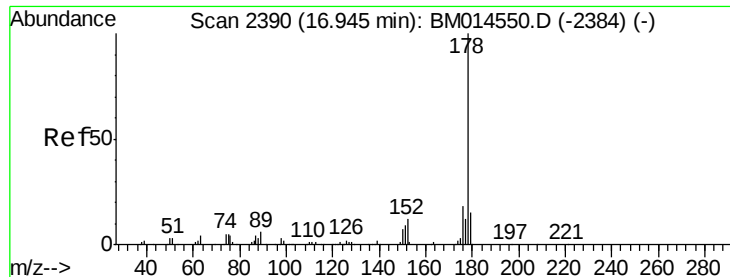
40000

20000

0

Time--> 13.55 13.60 13.65 13.70





#69

Phenanthrene

Concen: 4.027 ng/ul

RT: 16.95 min Scan# 2391

Delta R.T. 0.01 min

Lab File: BM014555.D

Acq: 13 Mar 2018 22:28

Instrument :

BNA_M

ClientSampleId :

F6F13

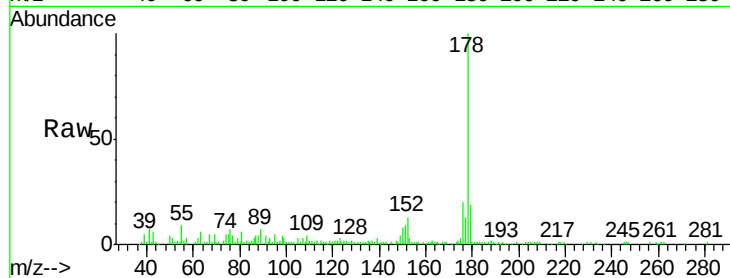
Tot Ion:178 Resp: 126486

Ion Ratio Lower Upper

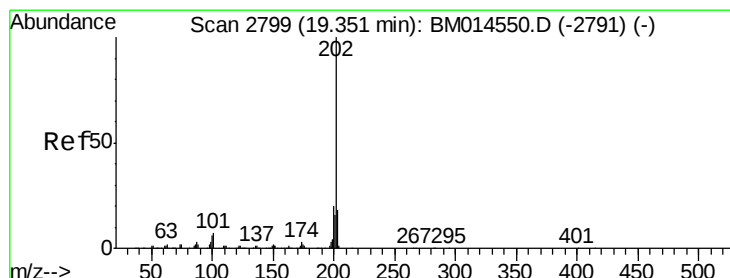
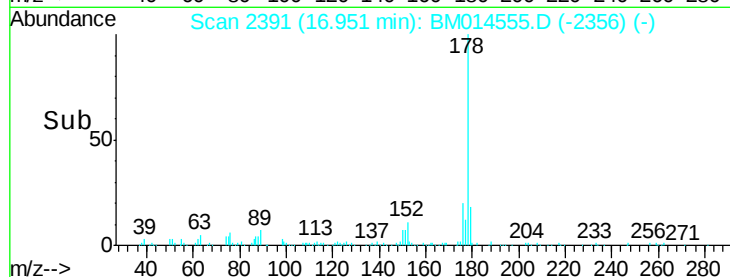
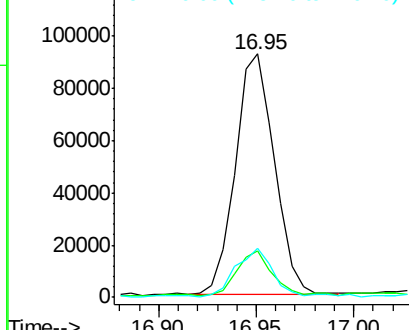
178 100

179 19.0 12.6 19.0#

176 20.1 14.9 22.3



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: 3.860 ng/ul

RT: 19.35 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BM014555.D

Acq: 13 Mar 2018 22:28

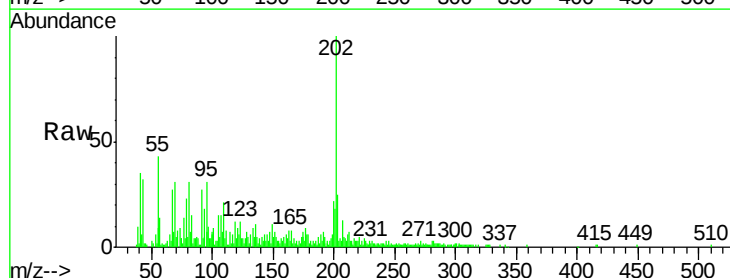
Tgt Ion:202 Resp: 88408

Ion Ratio Lower Upper

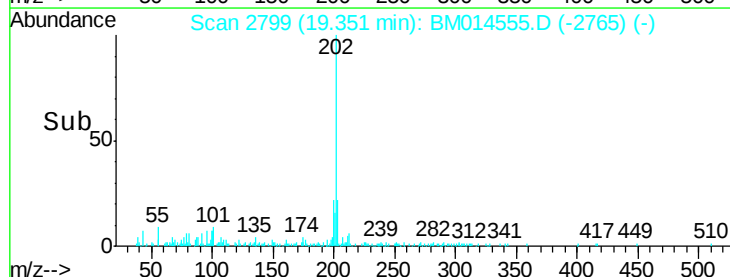
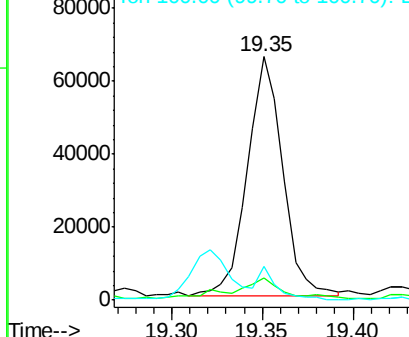
202 100

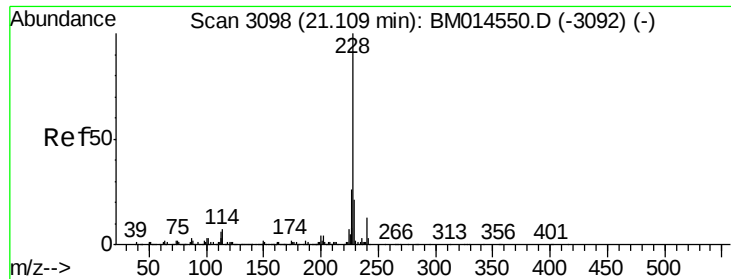
101 8.9 5.1 7.7#

100 13.6 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: 1.348 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BM014555.D

Acq: 13 Mar 2018 22:28

Instrument :

BNA_M

ClientSampleId :

F6F13

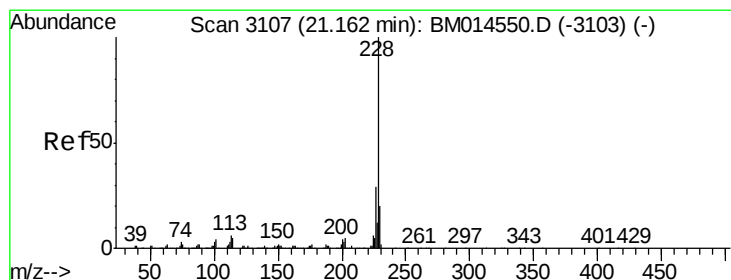
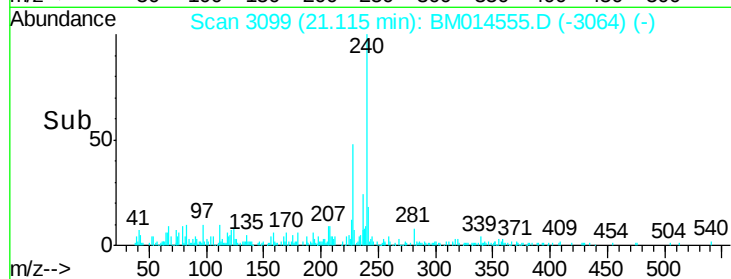
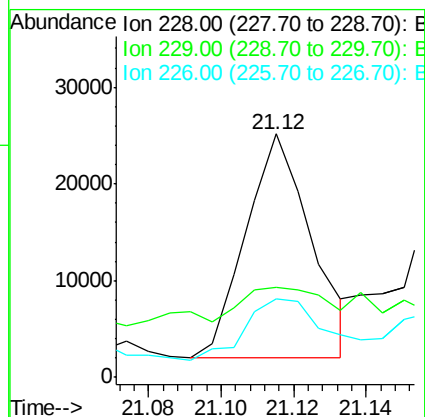
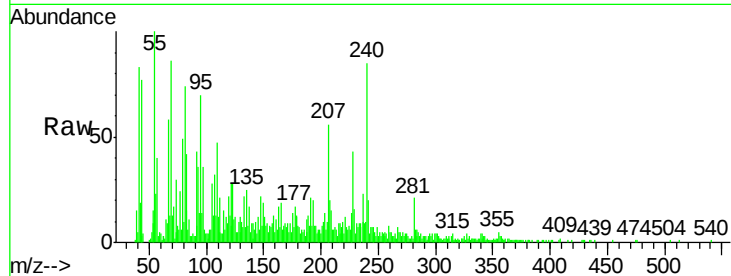
Tot Ion:228 Resp: 28996

Ion Ratio Lower Upper

228 100

229 36.7 15.4 23.0#

226 32.5 21.4 32.0#



#82

Chrysene

Concen: 2.355 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BM014555.D

Acq: 13 Mar 2018 22:28

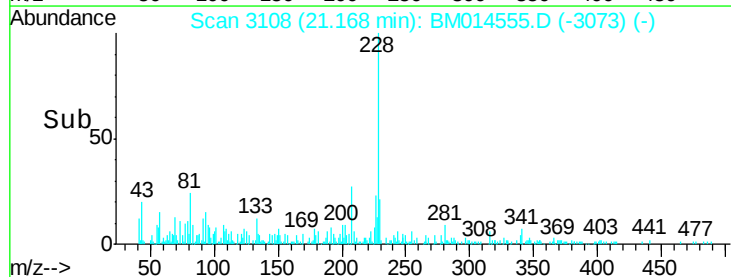
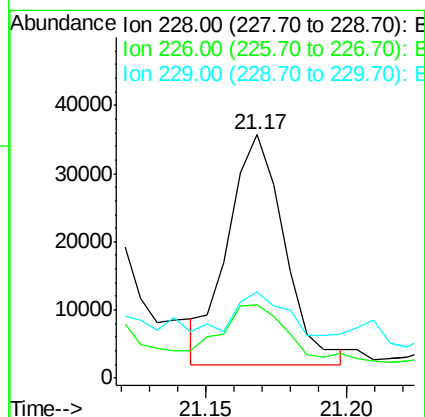
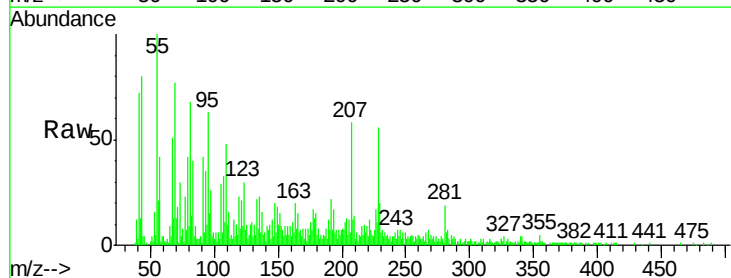
Tgt Ion:228 Resp: 47253

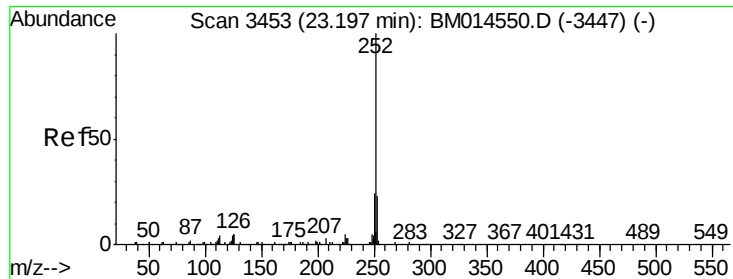
Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.2

229 35.2 15.5 23.3#





#88

Benzo(a)pyrene

Concen: 1.053 ng/ul

RT: 23.22 min Scan# 3456

Delta R.T. 0.02 min

Lab File: BM014555.D

Acq: 13 Mar 2018 22:28

Instrument :

BNA_M

ClientSampleId :

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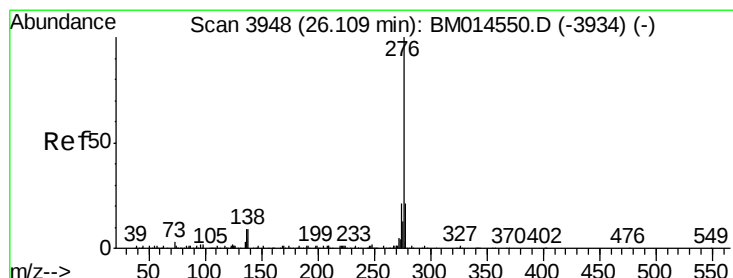
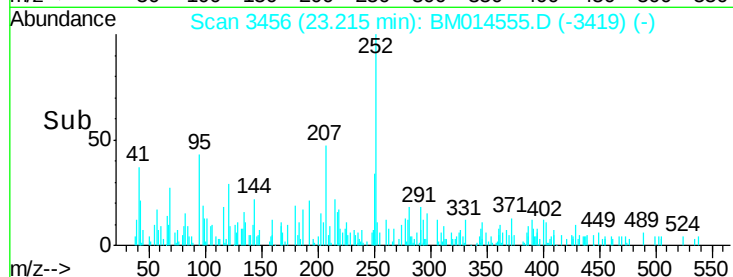
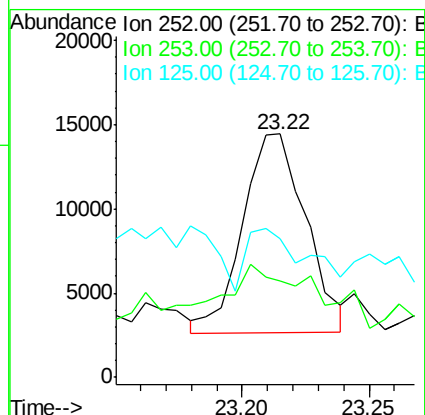
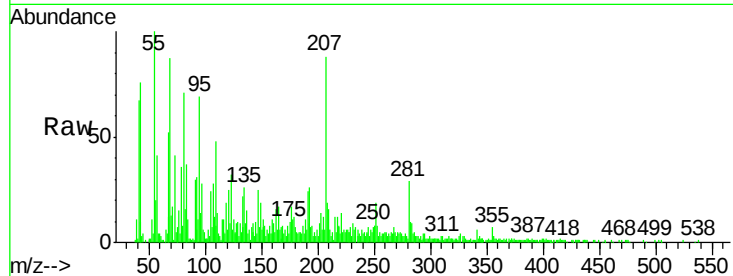
Tot Ion:252 Resp: 20540

Ion Ratio Lower Upper

252 100

253 39.6 18.2 27.2#

125 56.8 4.0 6.0#



#91

Benzo(g,h,i)perylene

Concen: 1.925 ng/ul

RT: 26.14 min Scan# 3954

Delta R.T. 0.04 min

Lab File: BM014555.D

Acq: 13 Mar 2018 22:28

Tgt Ion:276 Resp: 29527

Ion Ratio Lower Upper

276 100

138 29.1 8.5 12.7#

277 26.0 18.6 28.0

