

Data Path : Z:\HPCHEM1\BNA M\Data\BM043016\
 Data File : BM005164.D
 Acq On : 30 Apr 2016 04:46
 Operator : UM/SJ
 Sample : H2729-03 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3D1

Quant Time: Apr 30 11:42:22 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 30 03:07:27 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

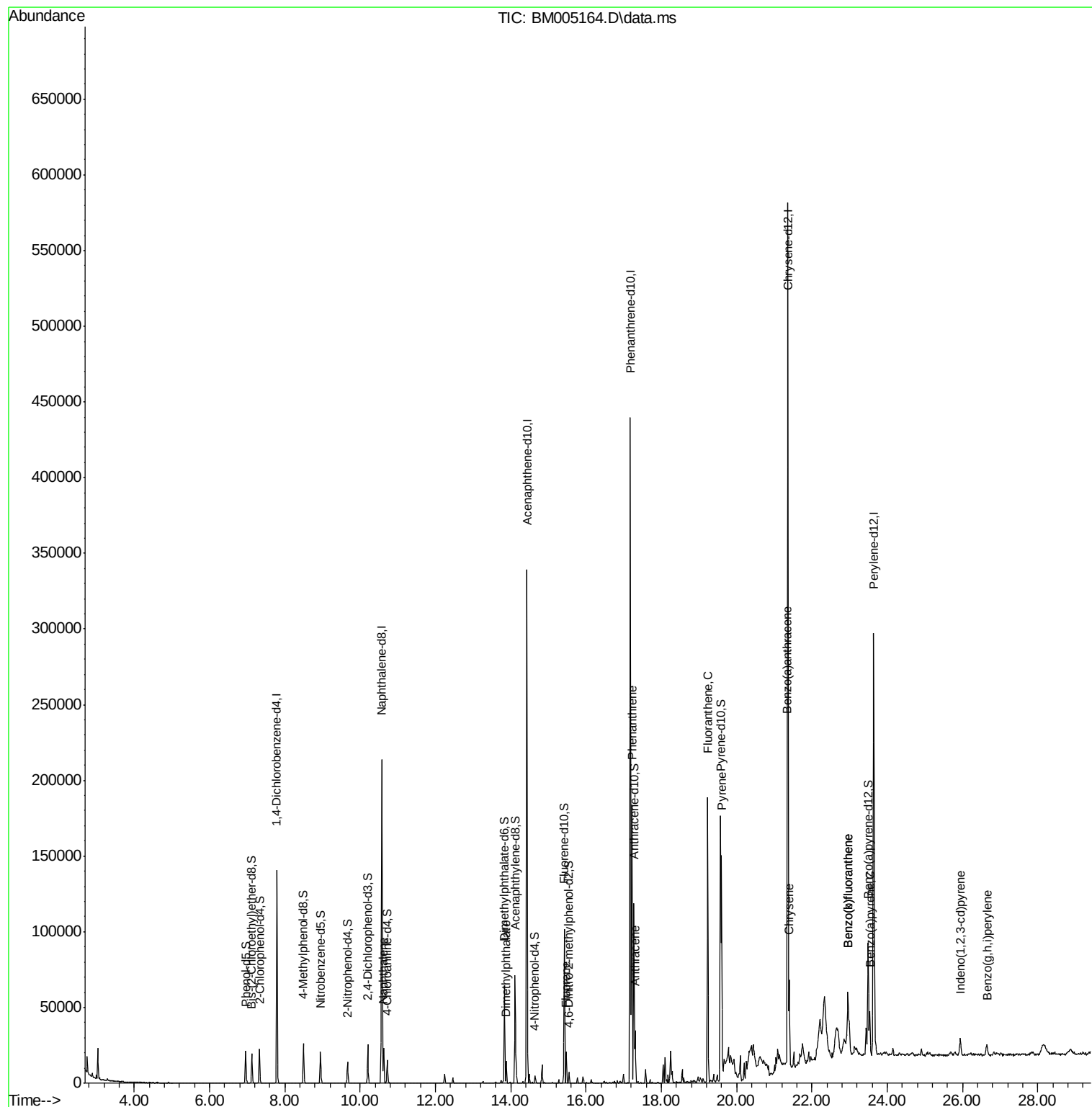
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	38740	20.00	ng/ul	0.00
18) Naphthalene-d8	10.575	136	182046	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.427	164	114597	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.174	188	265022	20.00	ng/ul	0.00
75) Chrysene-d12	21.356	240	264714	20.00	ng/ul	-0.01
83) Perylene-d12	23.639	264	207725	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	618	0.81	ng/uL	0.00
5) Phenol-d5	6.957	99	14719	4.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.122	67	9685	5.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.322	132	12164	4.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.492	113	11994	4.41	ng/ul	0.00
19) Nitrobenzene-d5	8.945	128	5506	4.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.663	143	5750	4.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.198	165	11813	4.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.716	131	11335	3.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.833	166	46815	5.17	ng/ul	0.00
46) Acenaphthylene-d8	14.116	160	54223	5.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.639	143	2515	1.59	ng/ul	0.00
57) Fluorene-d10	15.421	176	43430	5.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	15.545	200	2643	1.75	ng/ul	0.00
70) Anthracene-d10	17.268	188	69679	5.86	ng/ul	0.00
76) Pyrene-d10	19.568	212	79196	6.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.492	264	55043	5.91	ng/ul	-0.01
Target Compounds					Ovalue	
28) Naphthalene	10.622	128	20746	2.26	ng/ul	100
44) Dimethylphthalate	13.880	163	11619	1.28	ng/ul	100
58) Fluorene	15.474	166	10390	1.21	ng/ul	97
69) Phenanthrene	17.215	178	110480	7.83	ng/ul	99
71) Anthracene	17.304	178	24602	1.73	ng/ul	99
74) Fluoranthene	19.233	202	114325	7.36	ng/ul	99
77) Pyrene	19.598	202	97905	6.40	ng/ul	99
80) Benzo(a)anthracene	21.345	228	39504	2.61	ng/ul	98
82) Chrysene	21.398	228	32896	2.27	ng/ul	98
85) Benzo(b)fluoranthene	22.950	252	34010	2.72	ng/ul	98
86) Benzo(k)fluoranthene	22.950	252	34010	2.80	ng/ul	98
88) Benzo(a)pyrene	23.533	252	24005	2.05	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.933	276	11828	1.06	ng/ul	95
91) Benzo(g,h,i)perylene	26.644	276	9907	1.09	ng/ul	98

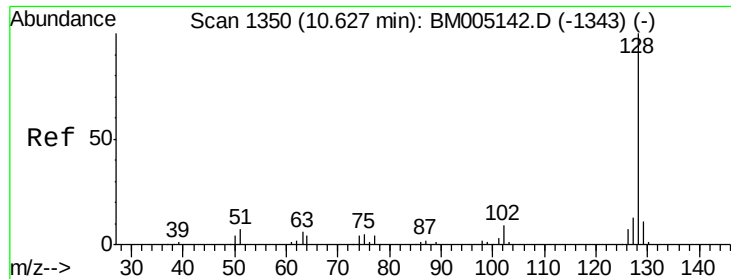
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 2.26 ng/ul

RT: 10.622 min Scan# 13

Delta R.T. -0.006 min

Lab File: BM005164.D

Acq: 30 Apr 2016 04:46

Instrument :

BNA_M

ClientSampleId :

BD3D1

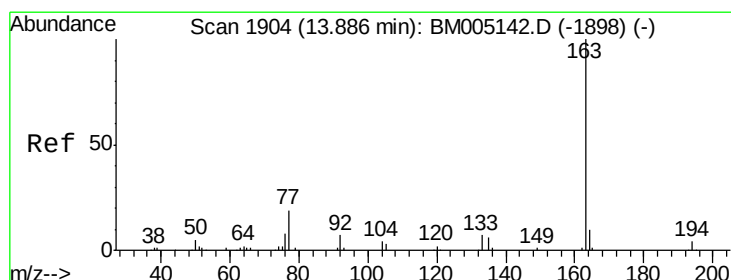
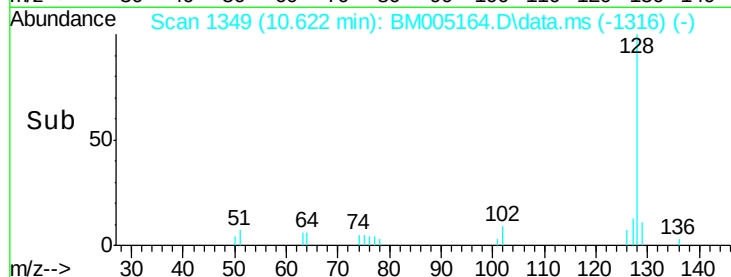
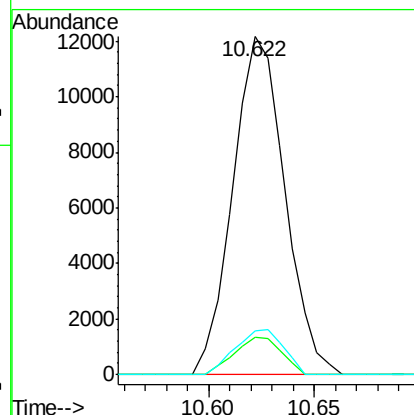
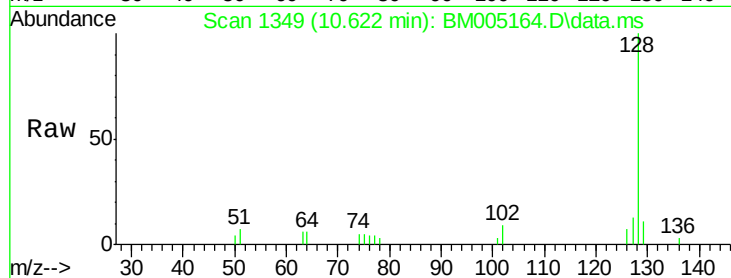
Tot Ion:128 Resp: 20746

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.0 10.6 15.8



#44

Dimethylphthalate

Concen: 1.28 ng/ul

RT: 13.880 min Scan# 1903

Delta R.T. -0.006 min

Lab File: BM005164.D

Acq: 30 Apr 2016 04:46

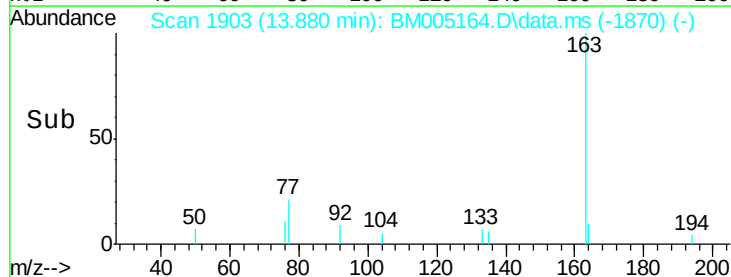
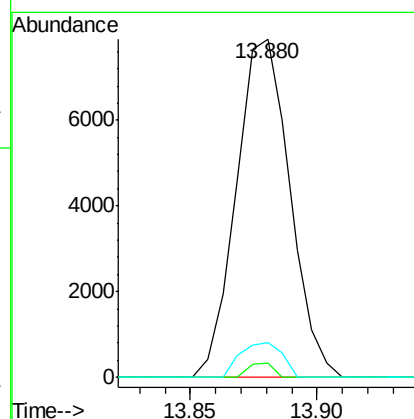
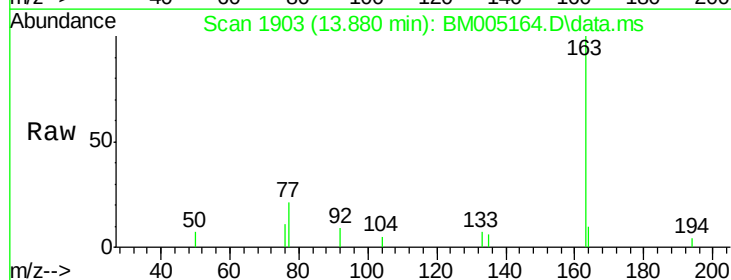
Tgt Ion:163 Resp: 11619

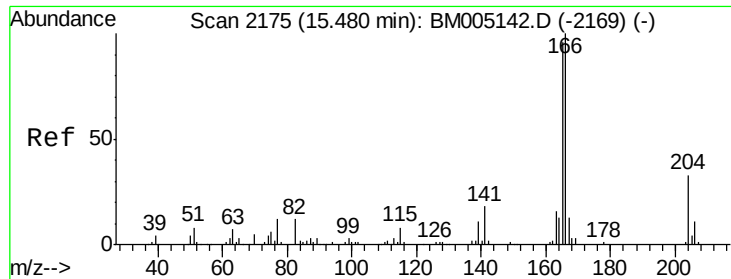
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.4 8.2 12.2





#58

Fluorene

Concen: 1.21 ng/ul

RT: 15.474 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM005164.D

Acq: 30 Apr 2016 04:46

Instrument :

BNA_M

ClientSampleId :

BD3D1

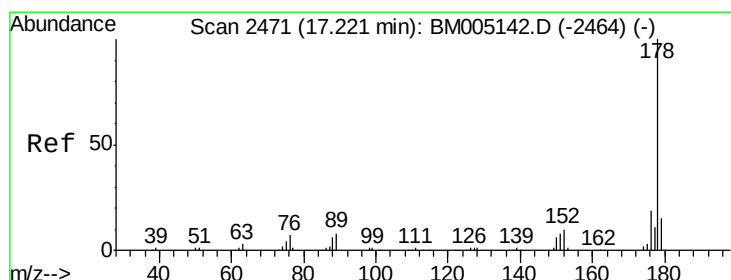
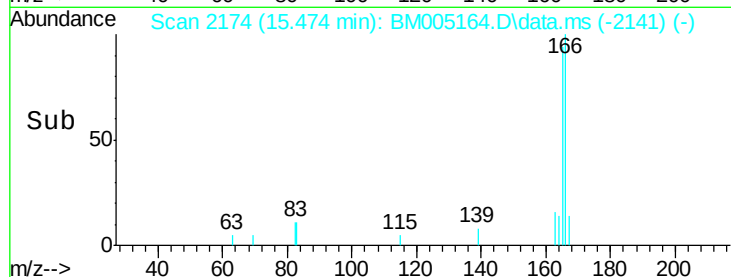
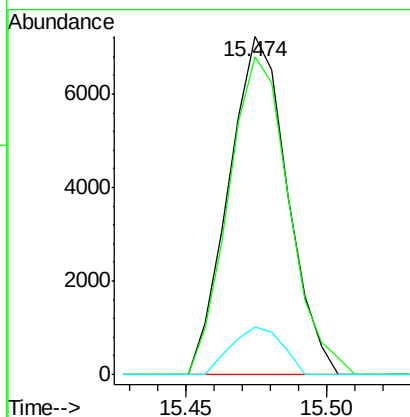
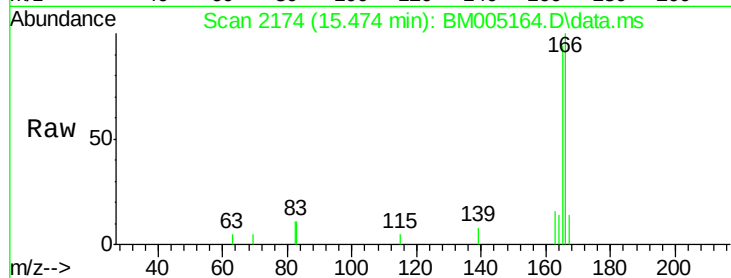
Tot Ion:166 Resp: 10390

Ion Ratio Lower Upper

166 100

165 94.1 77.7 116.5

167 13.9 10.9 16.3



#69

Phenanthrene

Concen: 7.83 ng/ul

RT: 17.215 min Scan# 2470

Delta R.T. -0.006 min

Lab File: BM005164.D

Acq: 30 Apr 2016 04:46

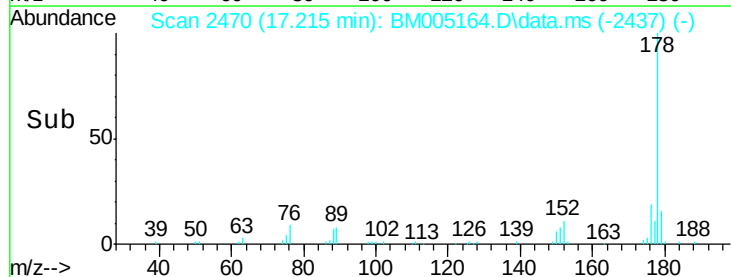
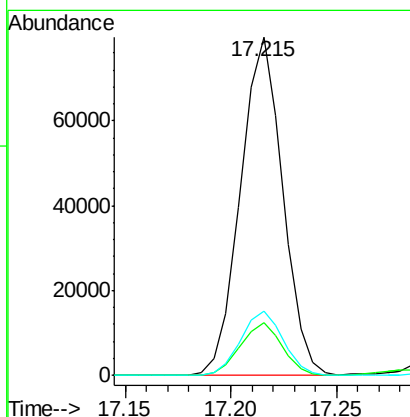
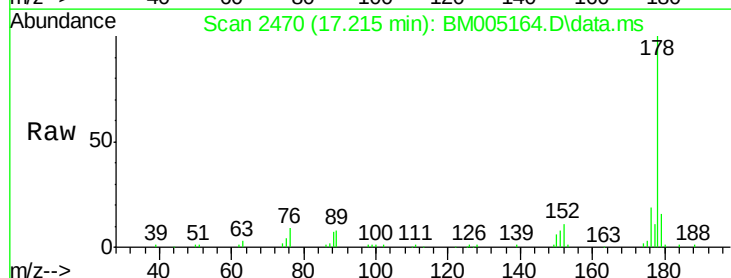
Tgt Ion:178 Resp: 110480

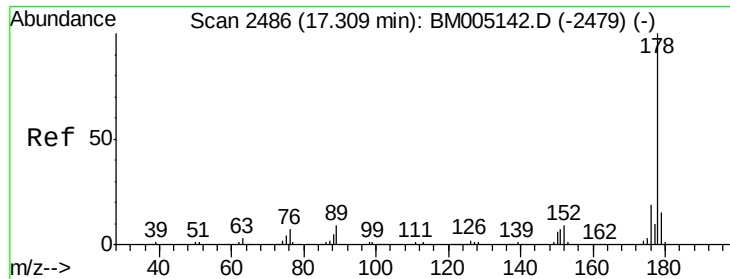
Ion Ratio Lower Upper

178 100

179 15.5 11.8 17.8

176 19.1 15.2 22.8

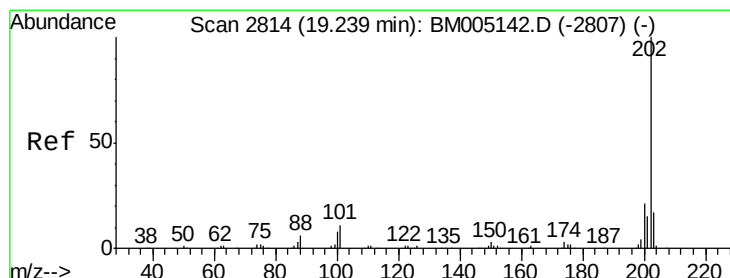
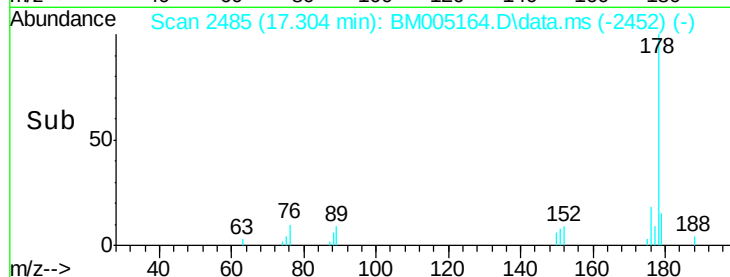
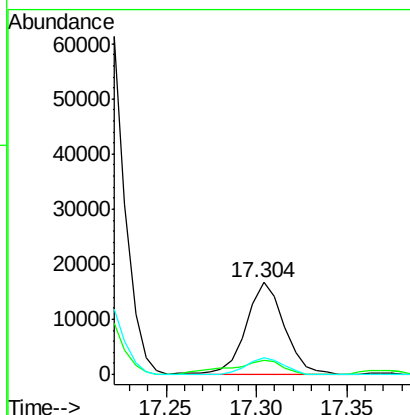
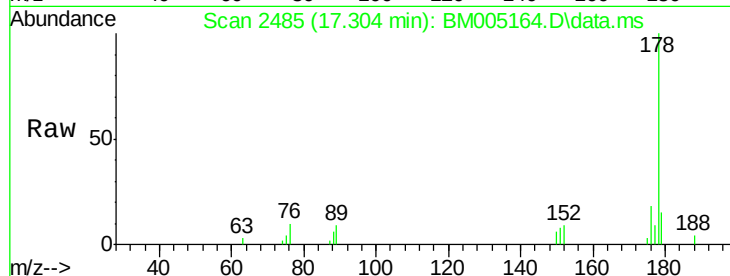




#71
 Anthracene
 Concen: 1.73 ng/ul
 RT: 17.304 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BM005164.D
 Acq: 30 Apr 2016 04:46

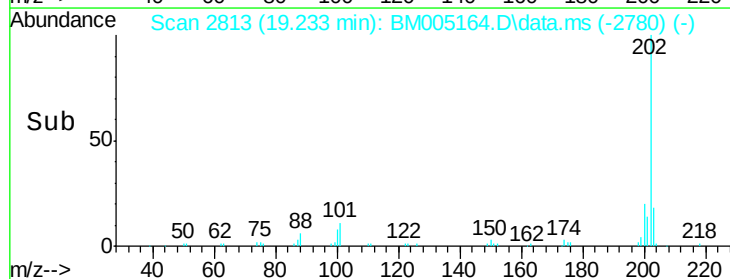
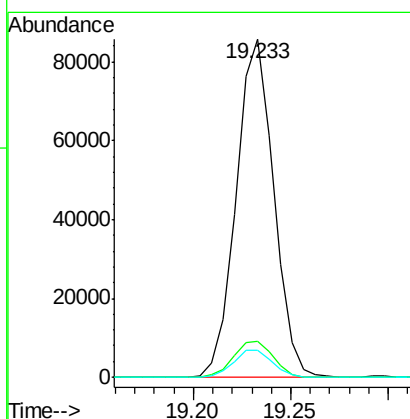
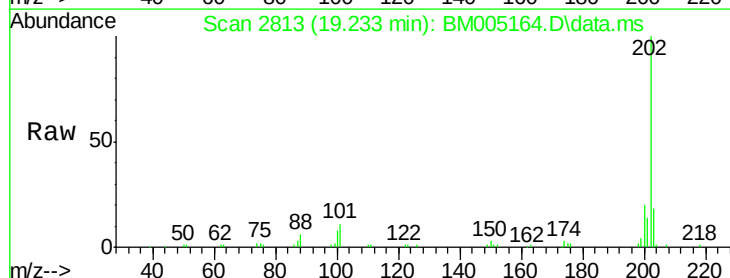
Instrument :
 BNA_M
 ClientSampleId :
 BD3D1

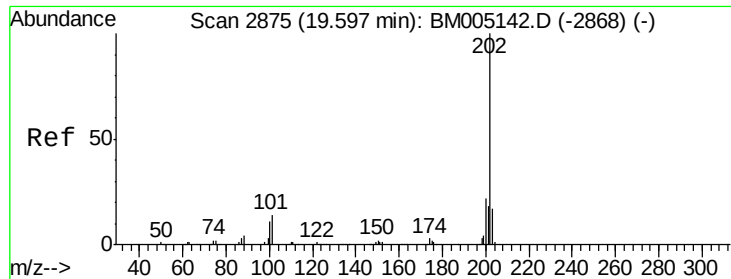
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.1	18.1
176	17.8	14.6	22.0



#74
 Fluoranthene
 Concen: 7.36 ng/ul
 RT: 19.233 min Scan# 2813
 Delta R.T. -0.006 min
 Lab File: BM005164.D
 Acq: 30 Apr 2016 04:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.0	13.4
100	8.1	6.6	10.0

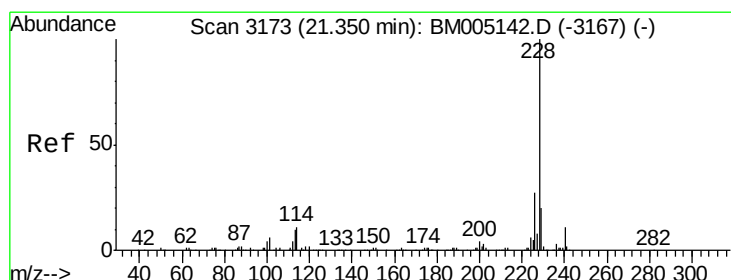
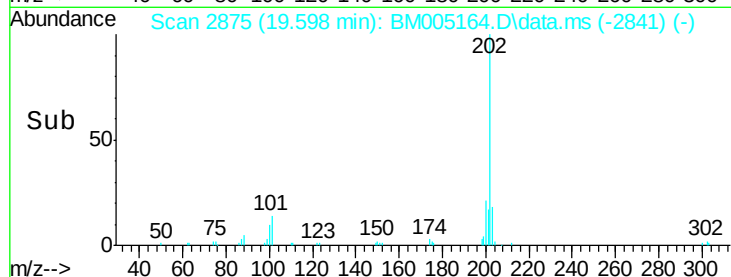
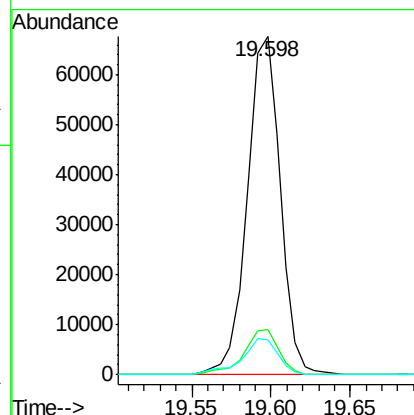
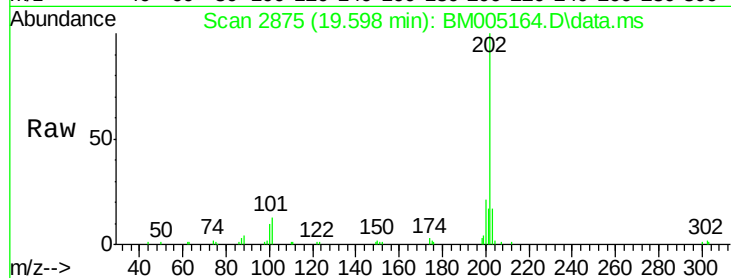




#77
Pvrene
Concen: 6.40 ng/ul
RT: 19.598 min Scan# 2875
Delta R.T. 0.000 min
Lab File: BM005164.D
Acq: 30 Apr 2016 04:46

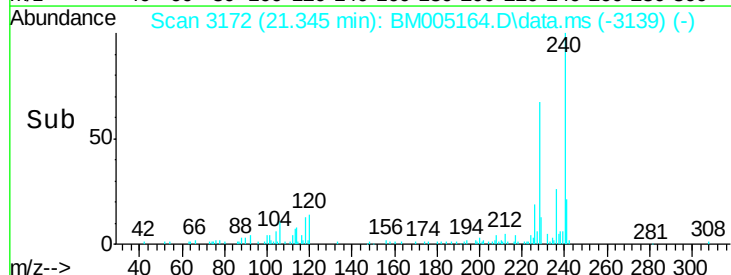
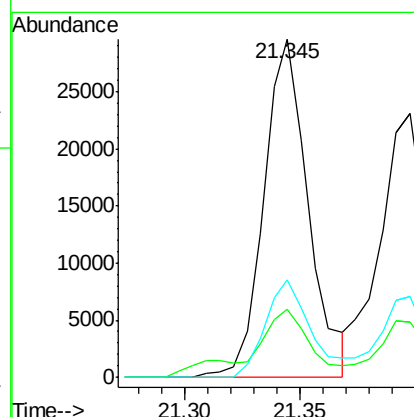
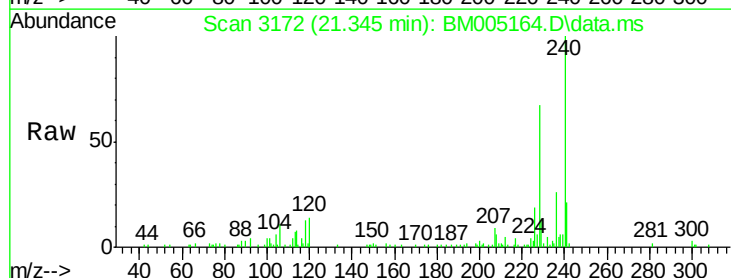
Instrument :
BNA_M
ClientSampleId :
BD3D1

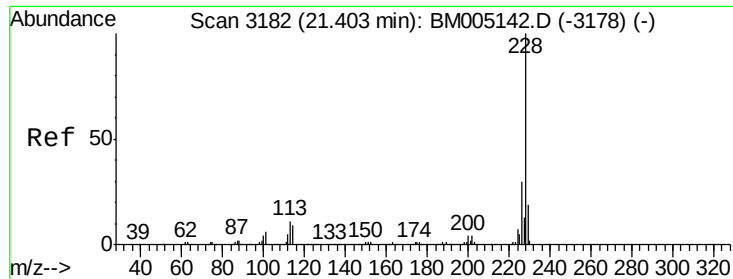
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.5	15.7
100	10.1	8.2	12.2



#80
Benzo(a)anthracene
Concen: 2.61 ng/ul
RT: 21.345 min Scan# 3172
Delta R.T. -0.006 min
Lab File: BM005164.D
Acq: 30 Apr 2016 04:46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.6
226	28.8	21.5	32.3





#82

Chrysene

Concen: 2.27 ng/ul

RT: 21.398 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM005164.D

Acq: 30 Apr 2016 04:46

Instrument :

BNA_M

ClientSampleId :

BD3D1

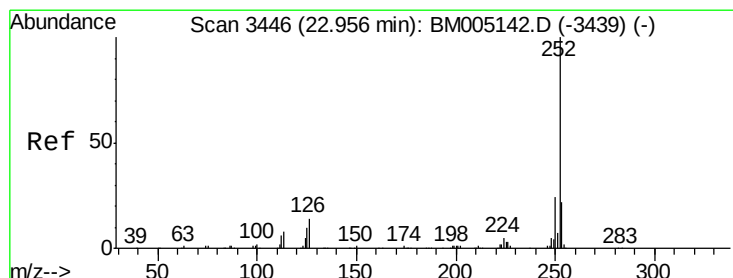
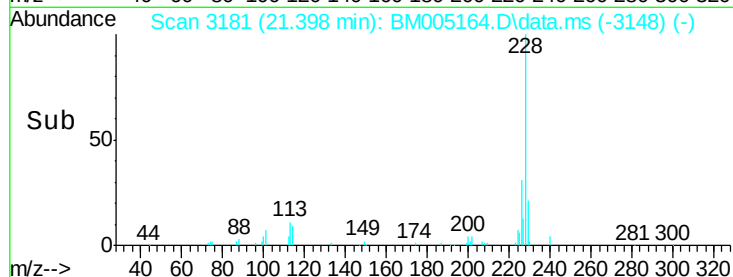
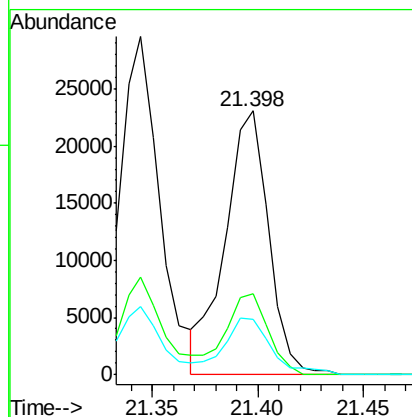
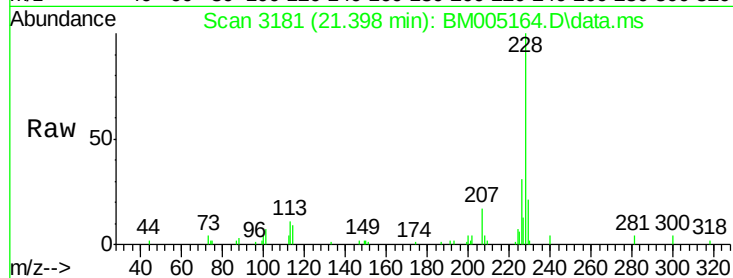
Tot Ion:228 Resp: 32896

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.2

229 21.1 15.5 23.3



#85

Benzo(b)fluoranthene

Concen: 2.72 ng/ul

RT: 22.950 min Scan# 3445

Delta R.T. -0.006 min

Lab File: BM005164.D

Acq: 30 Apr 2016 04:46

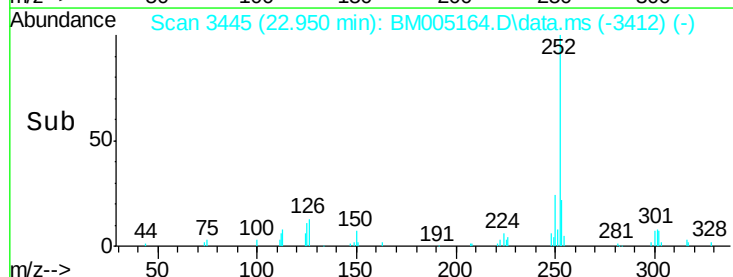
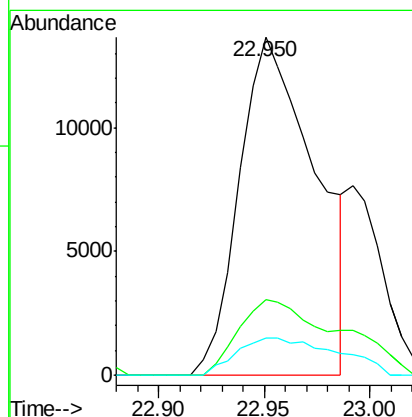
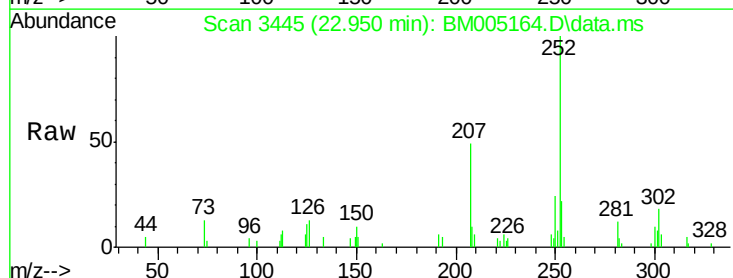
Tgt Ion:252 Resp: 34010

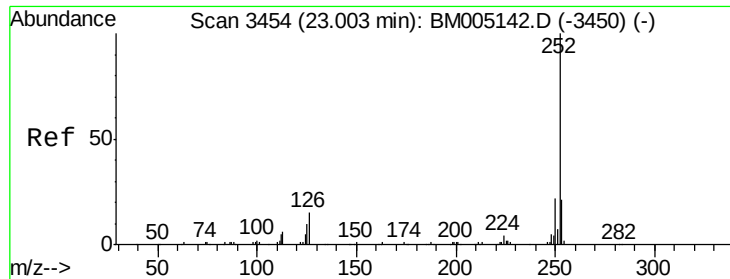
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 11.2 7.8 11.6

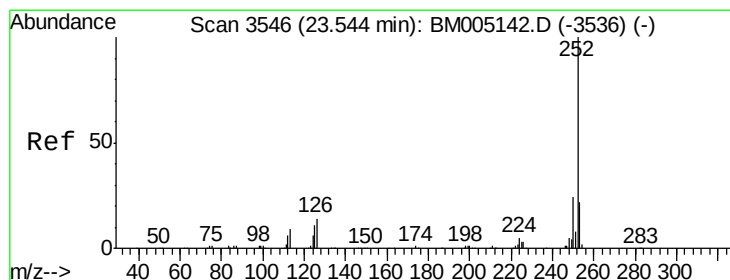
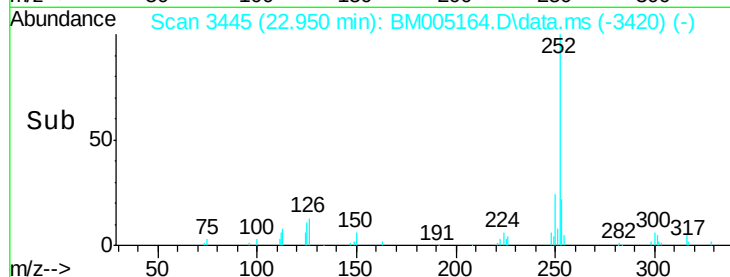
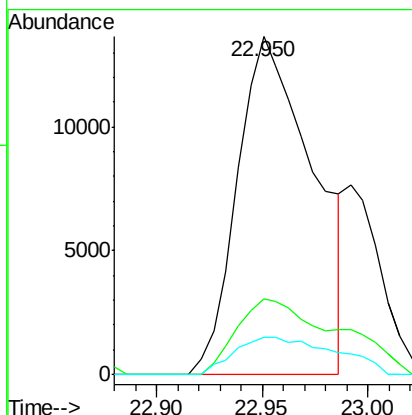
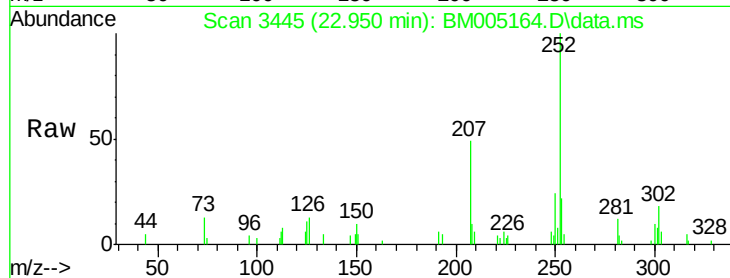




#86
Benzo(k)fluoranthene
Concen: 2.80 ng/ul
RT: 22.950 min Scan# 34
Delta R.T. -0.053 min
Lab File: BM005164.D
Acq: 30 Apr 2016 04:46

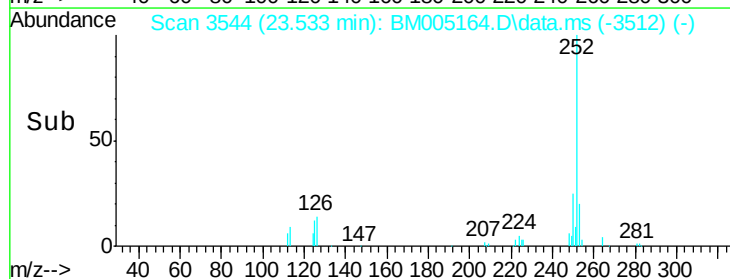
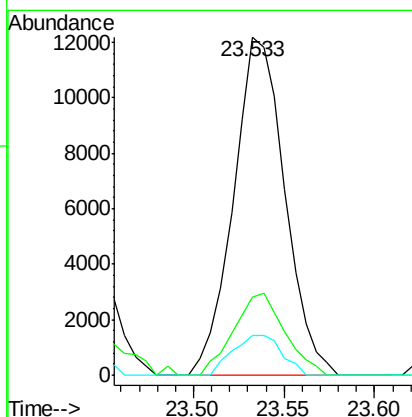
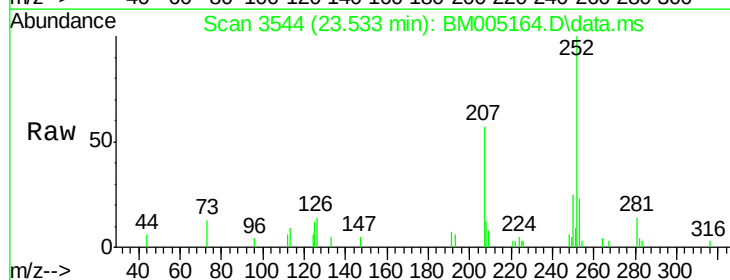
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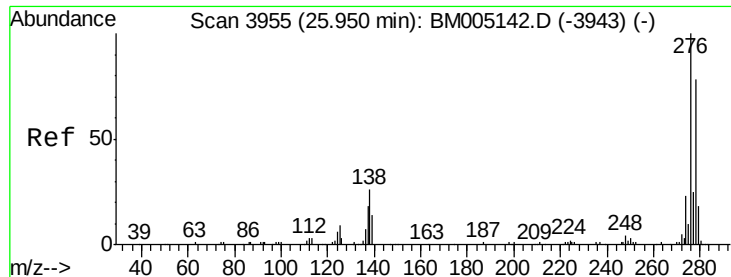
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.2	7.9	11.9



#88
Benzo(a)pyrene
Concen: 2.05 ng/ul
RT: 23.533 min Scan# 3544
Delta R.T. -0.012 min
Lab File: BM005164.D
Acq: 30 Apr 2016 04:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.7	8.3	12.5





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.06 ng/ul

RT: 25.933 min Scan# 39

Delta R.T. -0.017 min

Lab File: BM005164.D

Acq: 30 Apr 2016 04:46

Instrument :

BNA_M

ClientSampleId :

BD3D1

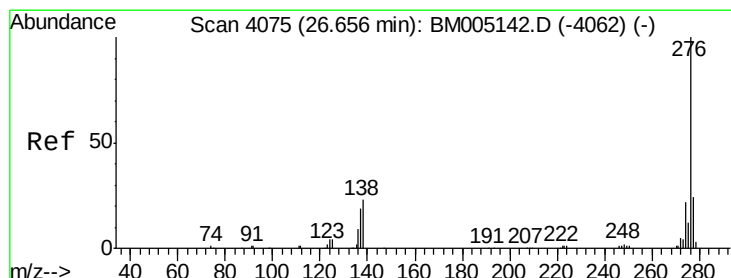
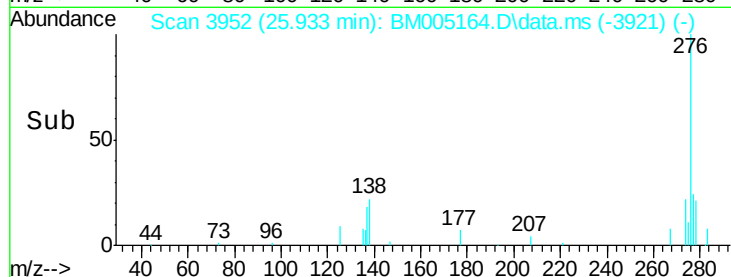
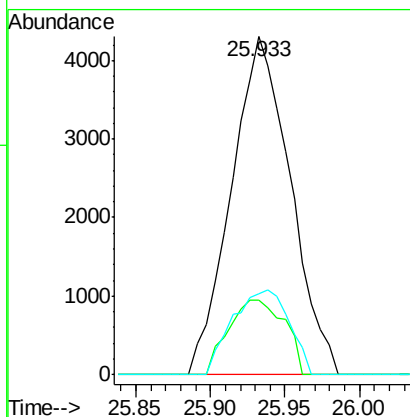
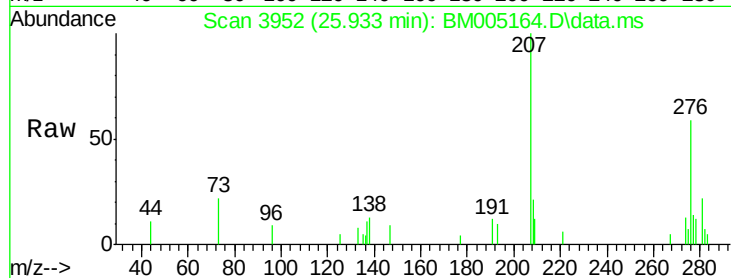
Tot Ion:276 Resp: 11828

Ion Ratio Lower Upper

276 100

138 21.9 20.2 30.4

277 23.7 20.4 30.6



#91

Benzo(g,h,i)perylene

Concen: 1.09 ng/ul

RT: 26.644 min Scan# 4073

Delta R.T. -0.012 min

Lab File: BM005164.D

Acq: 30 Apr 2016 04:46

Tgt Ion:276 Resp: 9907

Ion Ratio Lower Upper

276 100

138 23.7 17.4 26.2

277 23.9 19.0 28.4

