

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010733.D
 Acq On : 24 Jun 2017 17:03
 Operator : SJ/JU
 Sample : I3627-04DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5A10DL

Quant Time: Jun 26 04:55:54 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 26 04:54:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	61789	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	281483	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	193935	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	471123	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	548316	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	454216	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	907	0.84	ng/uL	0.00
5) Phenol-d5	6.65	99	28530	4.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	15913	4.74	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	21283	5.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	25150	5.15	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	11007	5.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	13690	5.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	28610	5.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	30967	6.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	103065	6.05	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	111532	5.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	12799	4.27	ng/ul	-0.01
57) Fluorene-d10	15.11	176	89931	6.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	14226	4.92	ng/ul	0.00
70) Anthracene-d10	16.96	188	144201	6.34	ng/ul	0.00
76) Pyrene-d10	19.27	212	176532	6.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	146044	6.65	ng/ul	0.00

Target Compounds

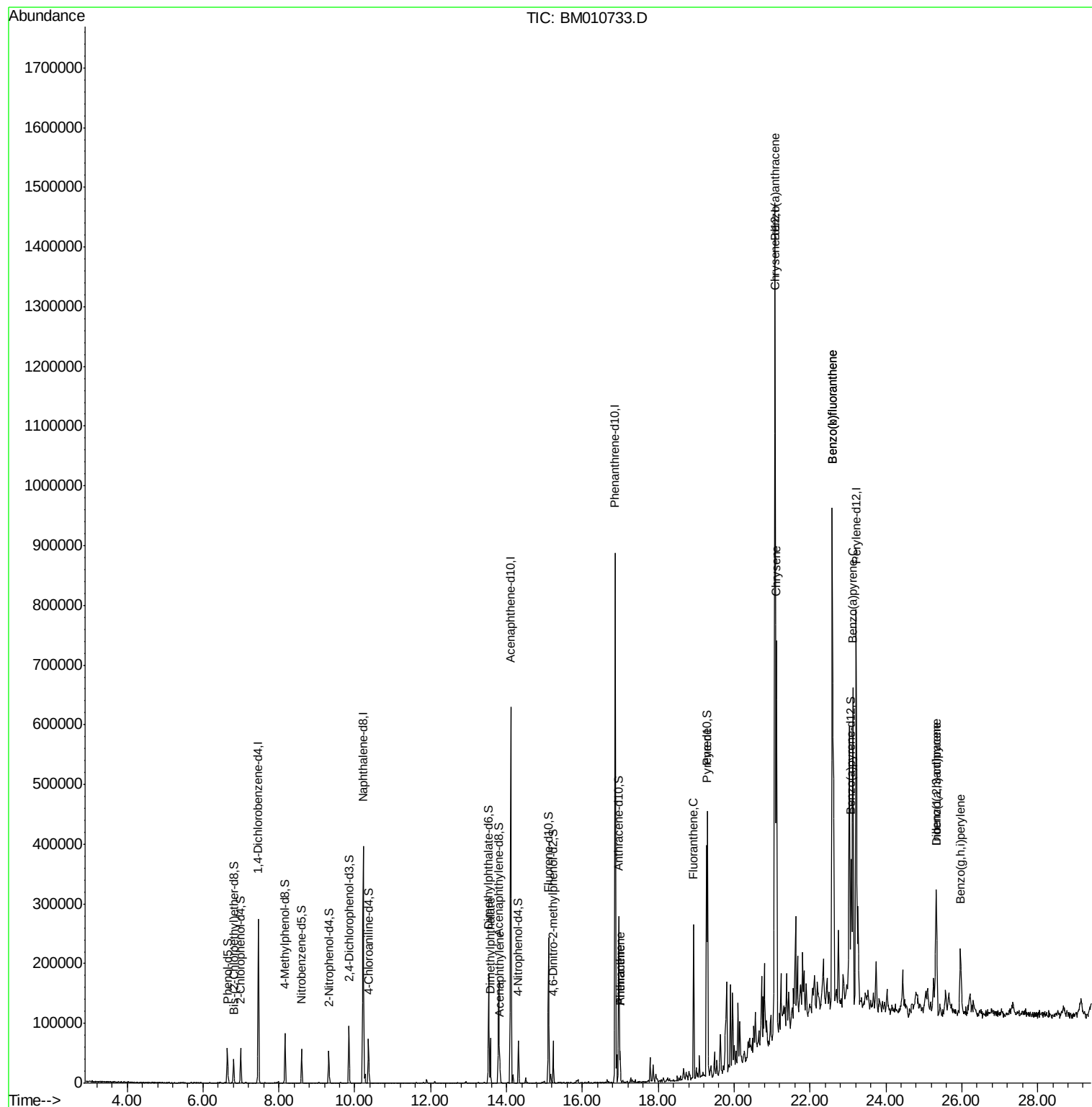
						Qvalue
44) Dimethylphthalate	13.57	163	40740	2.44	ng/ul#	97
47) Acenaphthylene	13.83	152	25007	1.33	ng/ul#	91
69) Phenanthrene	17.00	178	32492	1.30	ng/ul	96
71) Anthracene	17.00	178	32492	1.26	ng/ul	96
74) Fluoranthene	18.93	202	145358	4.50	ng/ul#	97
77) Pyrene	19.30	202	274968	8.68	ng/ul	99
80) Benzo(a)anthracene	21.07	228	324195	10.15	ng/ul	96
82) Chrysene	21.12	228	400205	14.06	ng/ul	97
85) Benzo(b)fluoranthene	22.59	252	664259	22.53	ng/ul#	98
86) Benzo(k)fluoranthene	22.59	252	664259	23.76	ng/ul#	96
88) Benzo(a)pyrene	23.13	252	348791	12.85	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.33	276	181572	6.45	ng/ul	98
90) Dibenzo(a,h)anthracene	25.33	278	49506	2.11	ng/ul#	95
91) Benzo(g,h,i)perylene	25.97	276	126373	5.64	ng/ul#	96

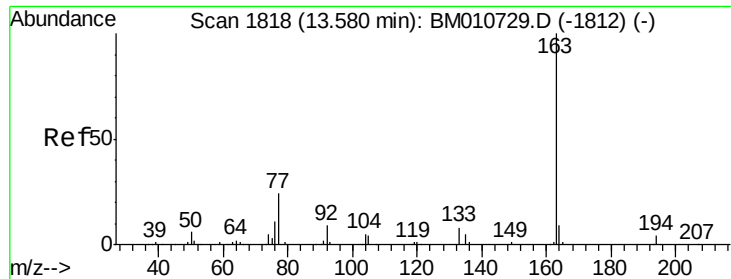
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 04:54:47 2017
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 2.44 ng/ul

RT: 13.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BM010733.D

Acq: 24 Jun 2017 17:03

Instrument :

BNA_M

ClientSampleId :

F5A10DL

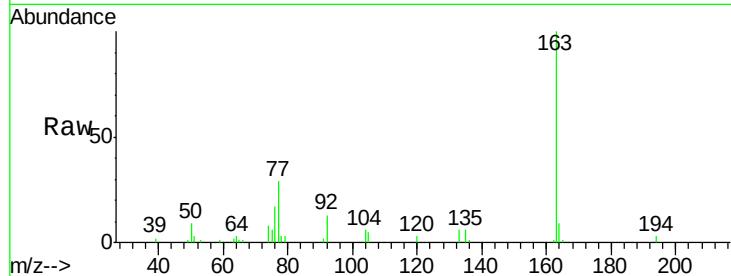
Tgt Ion:163 Resp: 40740

Ion Ratio Lower Upper

163 100

194 3.4 3.5 5.3#

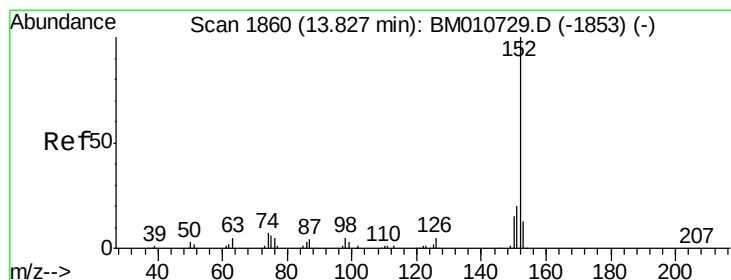
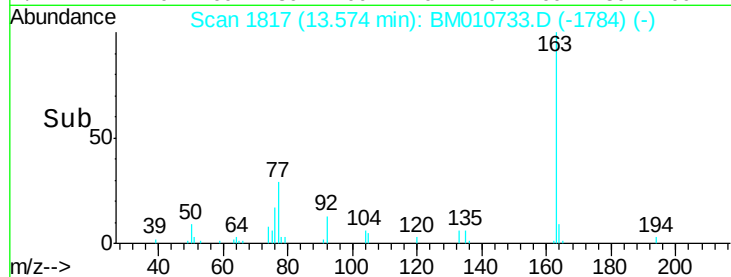
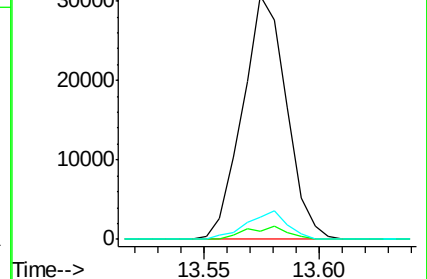
164 9.0 8.2 12.4



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



#47

Acenaphthylene

Concen: 1.33 ng/ul

RT: 13.83 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BM010733.D

Acq: 24 Jun 2017 17:03

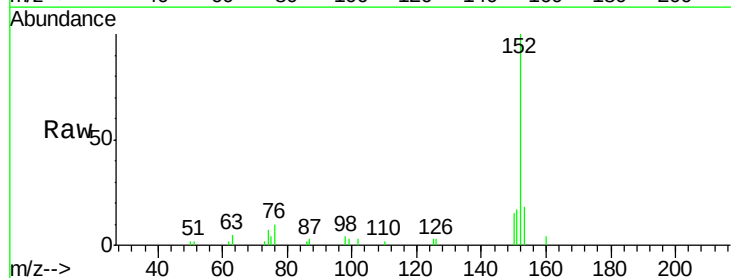
Tgt Ion:152 Resp: 25007

Ion Ratio Lower Upper

152 100

151 17.4 16.3 24.5

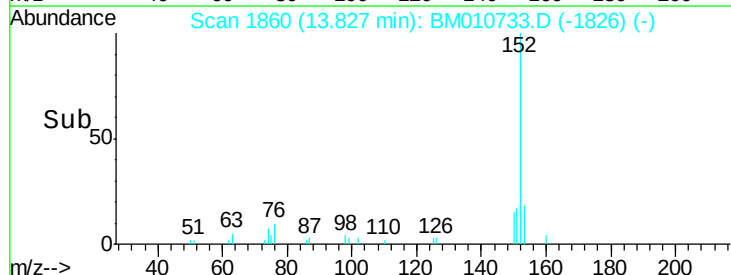
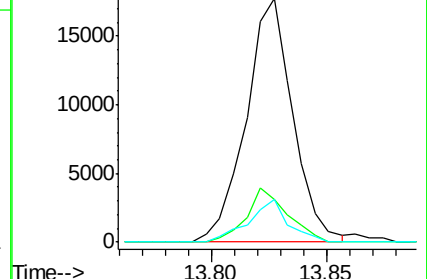
153 17.7 10.2 15.4#

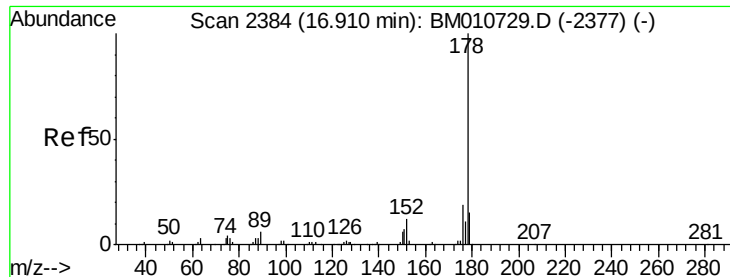


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 1.30 ng/ul

RT: 17.00 min Scan# 2399

Delta R.T. 0.09 min

Lab File: BM010733.D

Acq: 24 Jun 2017 17:03

Instrument :

BNA_M

ClientSampleId :

F5A10DL

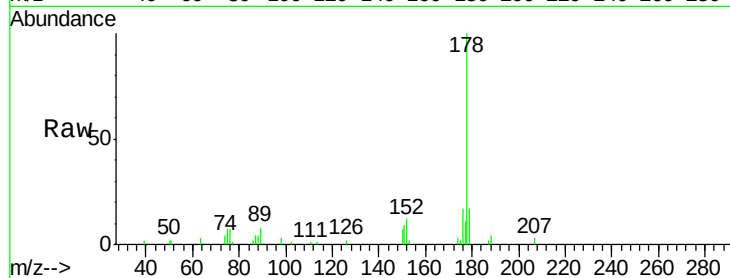
Tgt Ion:178 Resp: 32492

Ion Ratio Lower Upper

178 100

179 17.3 12.6 19.0

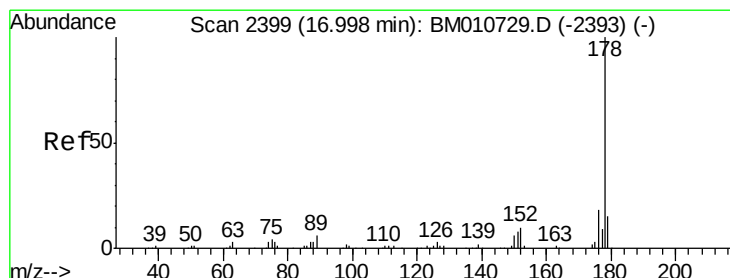
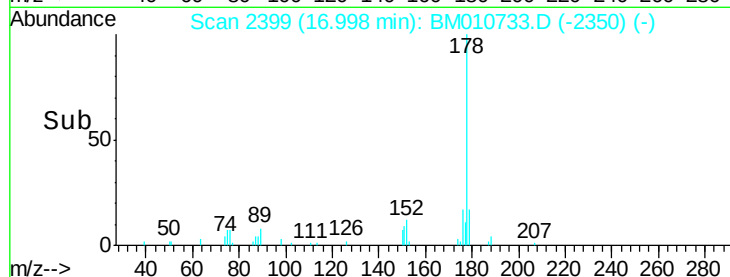
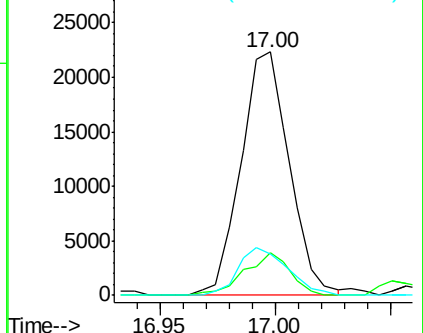
176 17.0 14.9 22.3



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



#71

Anthracene

Concen: 1.26 ng/ul

RT: 17.00 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BM010733.D

Acq: 24 Jun 2017 17:03

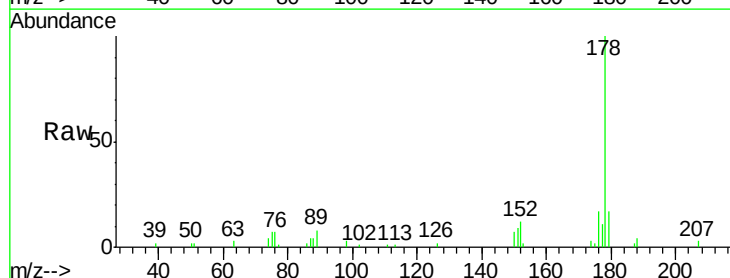
Tgt Ion:178 Resp: 32492

Ion Ratio Lower Upper

178 100

179 17.3 11.7 17.5

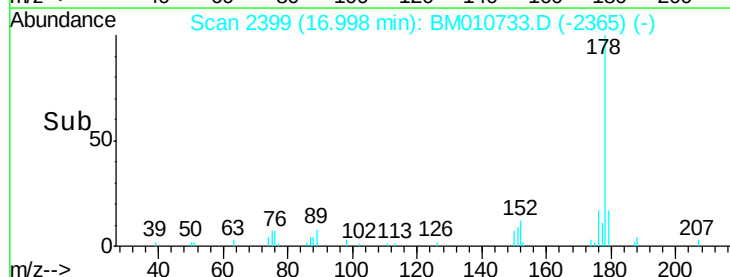
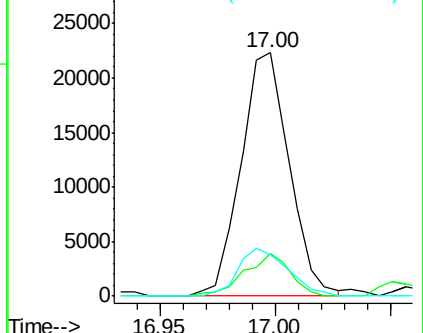
176 17.0 14.6 21.8

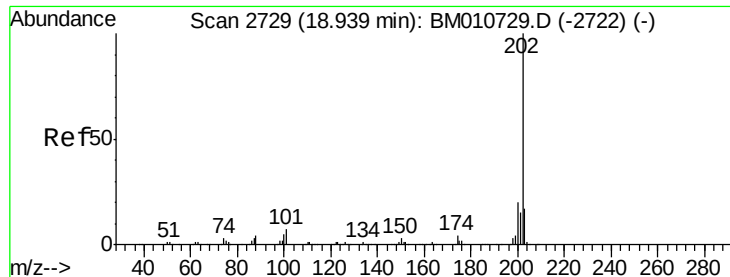


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 4.50 ng/ul

RT: 18.93 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM010733.D

Acq: 24 Jun 2017 17:03

Instrument :

BNA_M

ClientSampleId :

F5A10DL

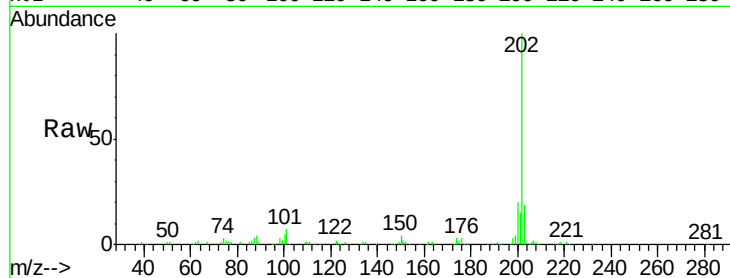
Tgt Ion:202 Resp: 145358

Ion Ratio Lower Upper

202 100

101 7.1 4.6 7.0#

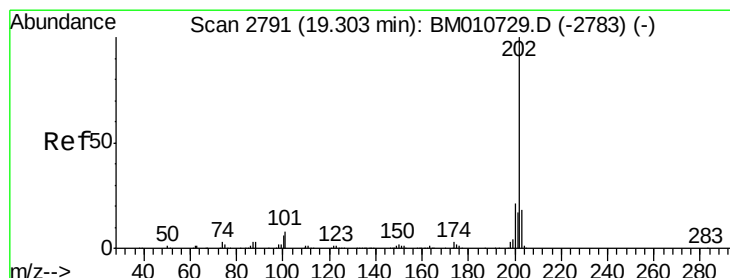
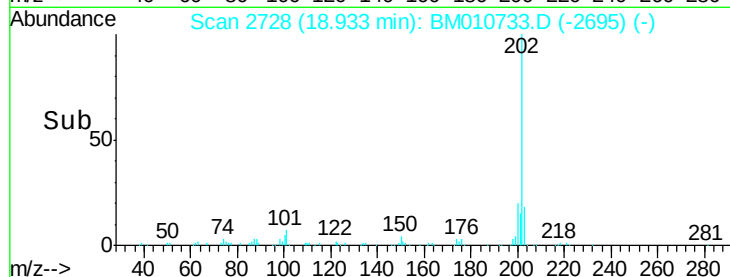
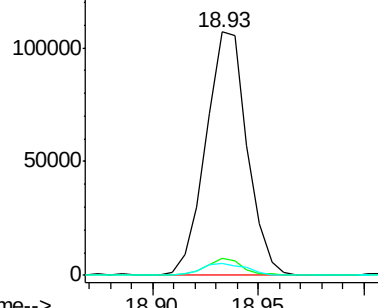
100 5.1 3.4 5.2



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



#77

Pyrene

Concen: 8.68 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM010733.D

Acq: 24 Jun 2017 17:03

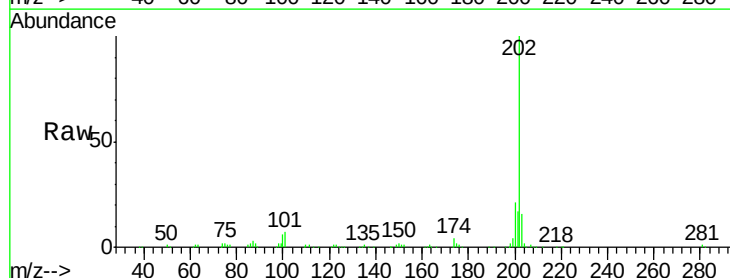
Tgt Ion:202 Resp: 274968

Ion Ratio Lower Upper

202 100

101 7.2 5.1 7.7

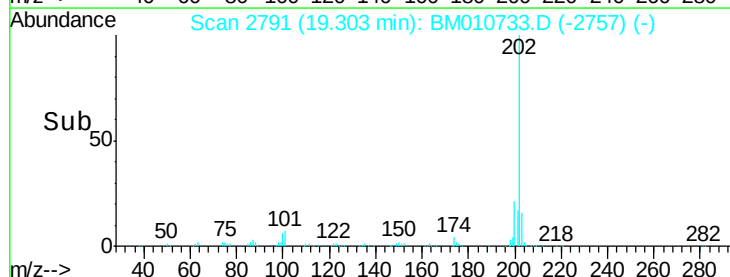
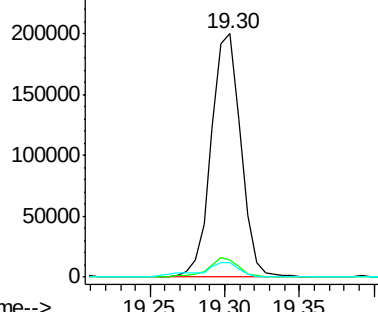
100 5.9 4.9 7.3

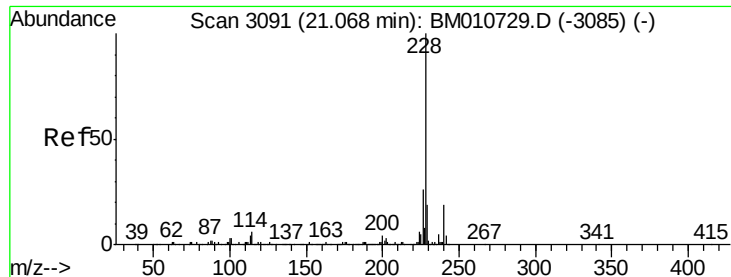


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

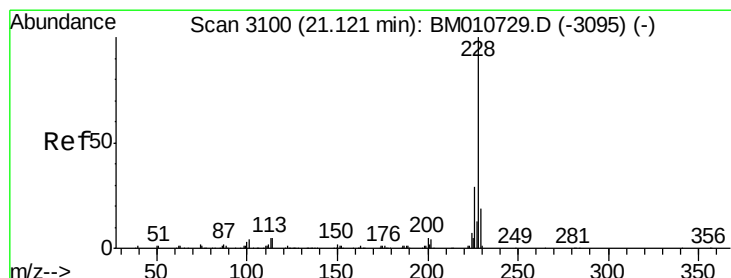
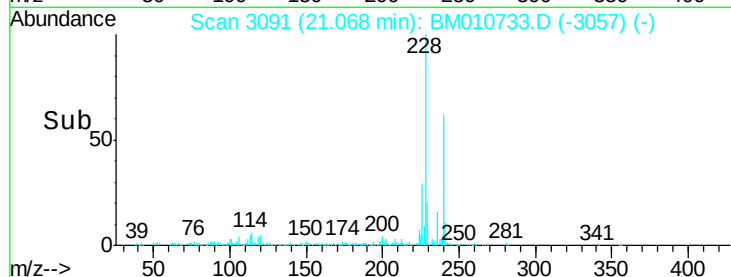
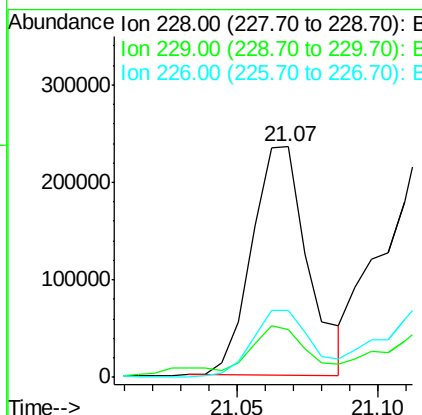
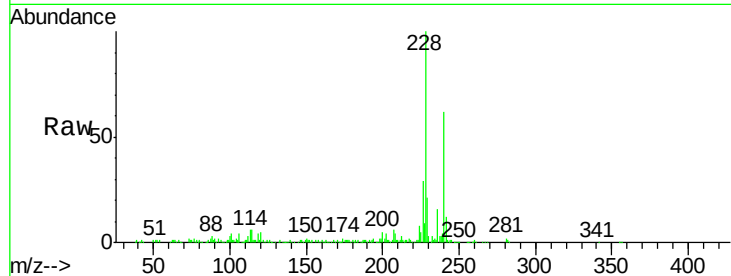




#80
Benzo(a)anthracene
Concen: 10.15 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM010733.D
Acq: 24 Jun 2017 17:03

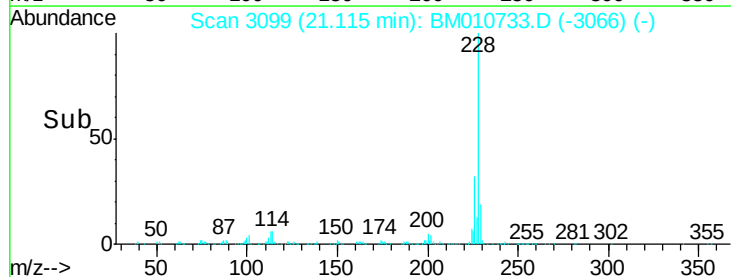
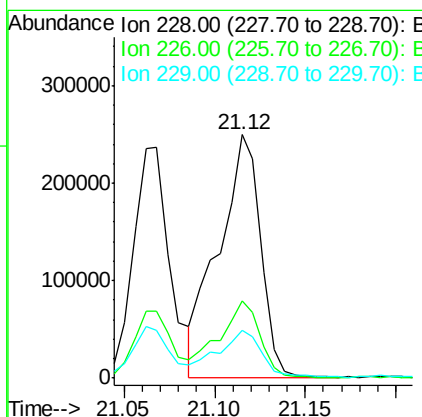
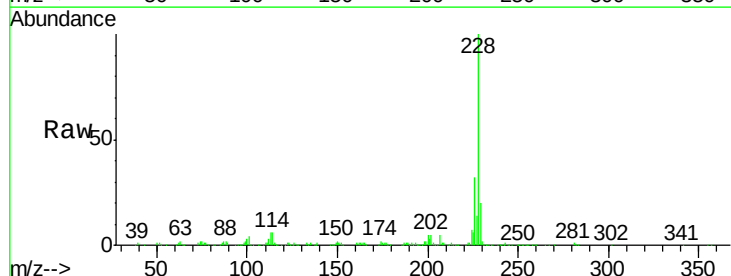
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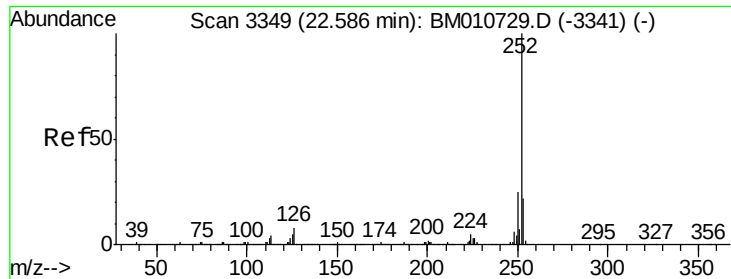
Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.4	23.0
226	29.2	21.4	32.0



#82
Chrysene
Concen: 14.06 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010733.D
Acq: 24 Jun 2017 17:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.2
229	19.8	15.5	23.3

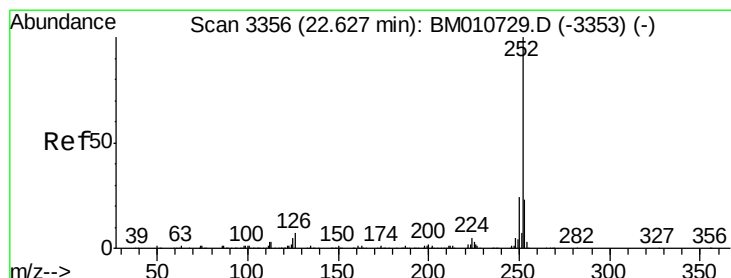
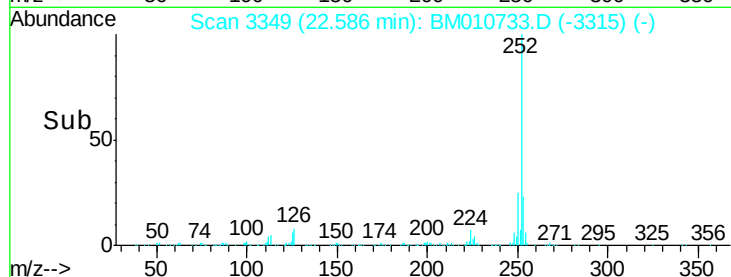
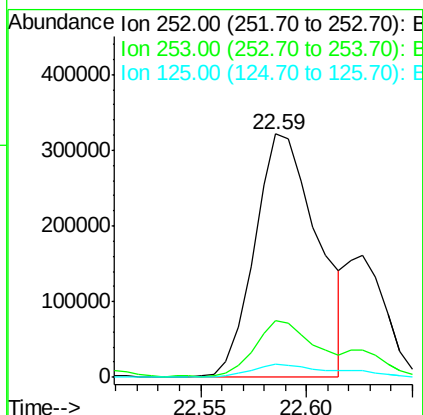
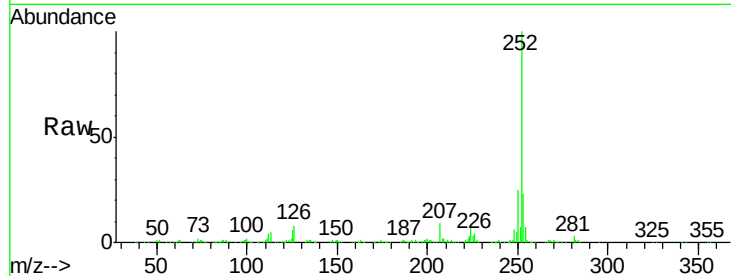




#85
Benzo(b)fluoranthene
Concen: 22.53 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BM010733.D
Acq: 24 Jun 2017 17:03

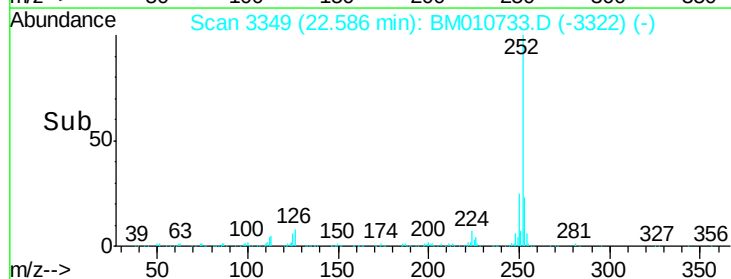
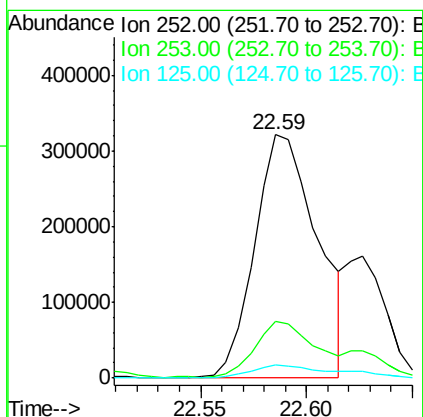
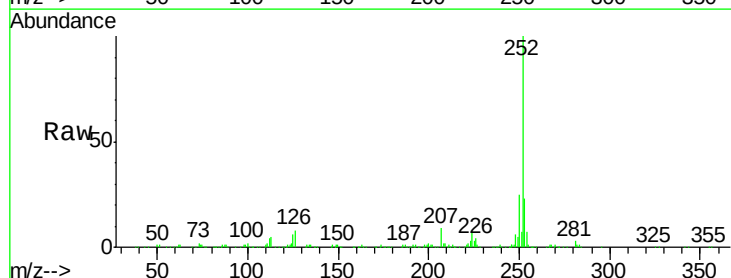
Instrument :
BNA_M
ClientSampleId :
F5A10DL

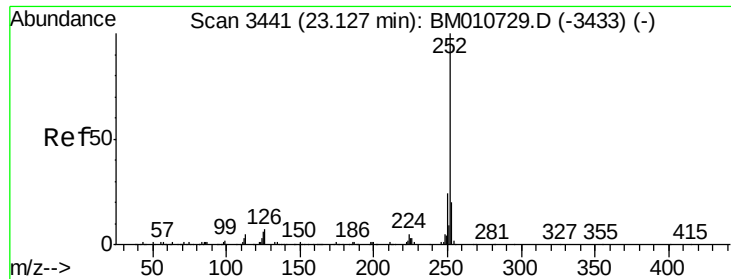
Tgt Ion:252 Resp: 664259
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 5.6 3.6 5.4#



#86
Benzo(k)fluoranthene
Concen: 23.76 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BM010733.D
Acq: 24 Jun 2017 17:03

Tgt Ion:252 Resp: 664259
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 5.6 3.4 5.2#

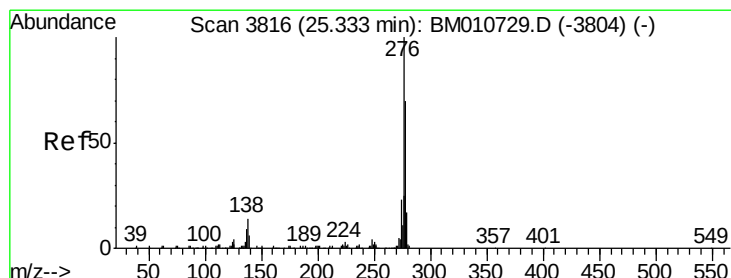
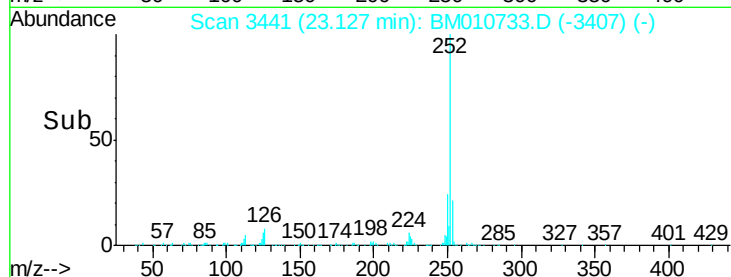
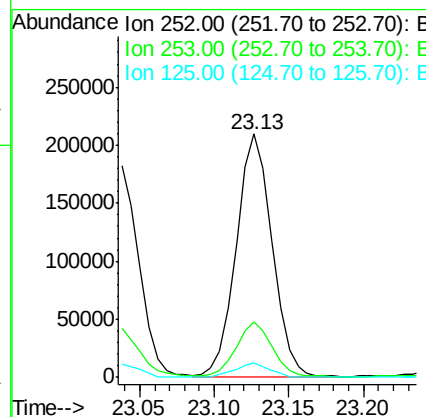
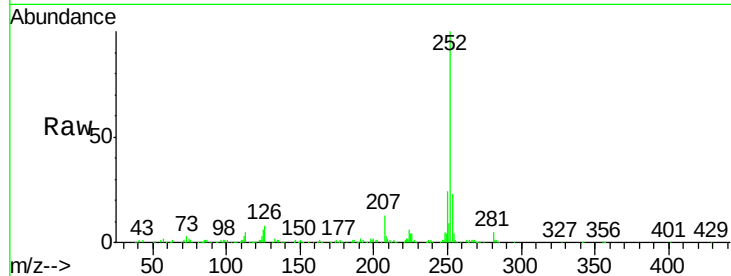




#88
Benzo(a)pyrene
Concen: 12.85 ng/ul
RT: 23.13 min Scan# 3441
Delta R.T. -0.00 min
Lab File: BM010733.D
Acq: 24 Jun 2017 17:03

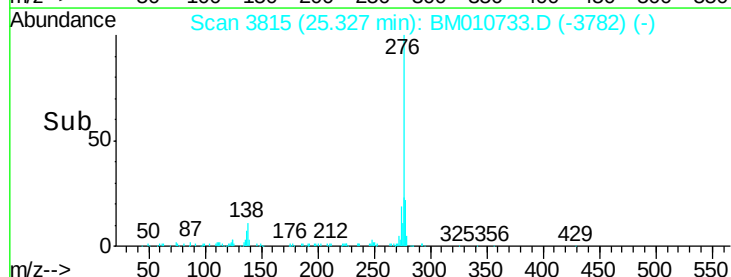
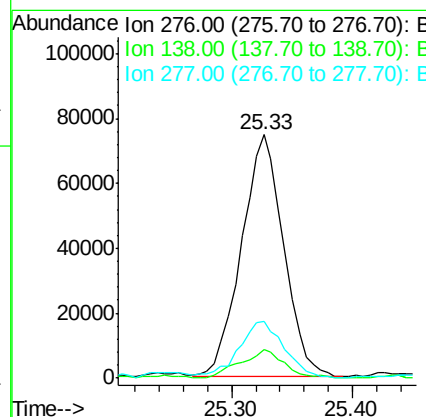
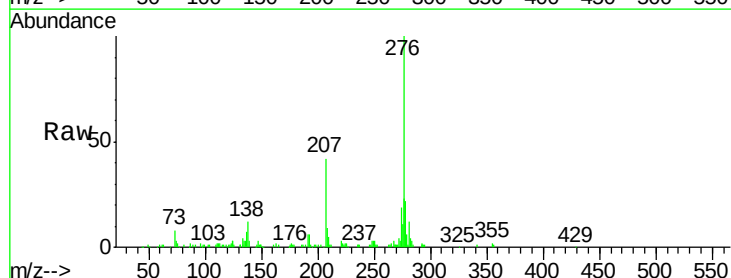
Instrument :
BNA_M
ClientSampled :
F5A10DL

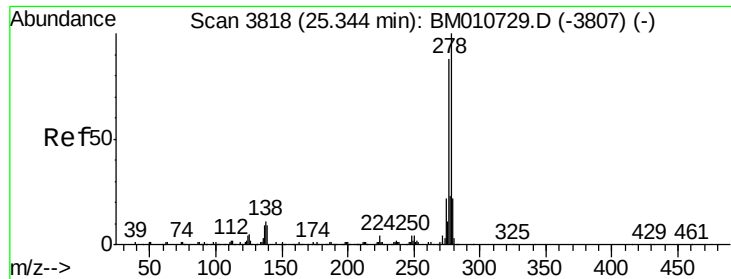
Tgt Ion: 252 Resp: 348791
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 6.0 4.0 6.0



#89
Indeno(1,2,3-cd)pyrene
Concen: 6.45 ng/ul
RT: 25.33 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BM010733.D
Acq: 24 Jun 2017 17:03

Tgt Ion: 276 Resp: 181572
Ion Ratio Lower Upper
276 100
138 11.5 9.3 13.9
277 23.5 19.9 29.9





#90

Dibenzo(a,h)anthracene

Concen: 2.11 ng/ul

RT: 25.33 min Scan# 3816

Delta R.T. -0.01 min

Lab File: BM010733.D

Acq: 24 Jun 2017 17:03

Instrument :

BNA_M

ClientSampleId :

F5A10DL

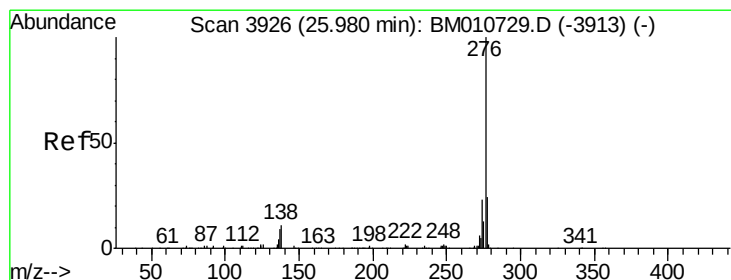
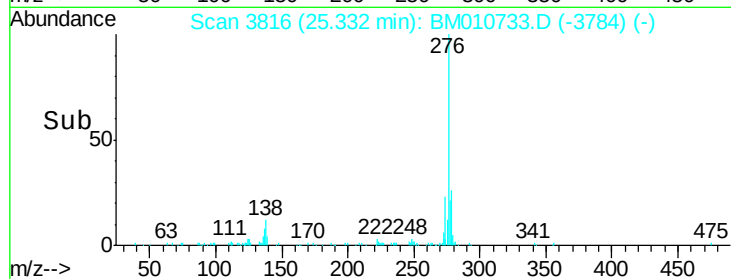
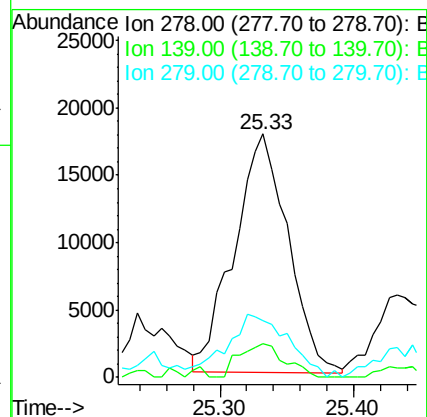
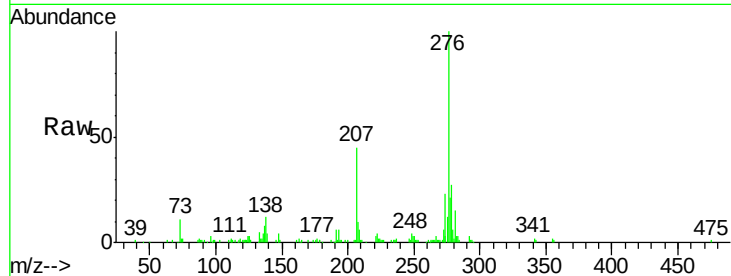
Tgt Ion: 278 Resp: 49506

Ion Ratio Lower Upper

278 100

139 13.9 5.8 8.8#

279 23.6 18.6 27.8



#91

Benzo(g,h,i)perylene

Concen: 5.64 ng/ul

RT: 25.97 min Scan# 3924

Delta R.T. -0.01 min

Lab File: BM010733.D

Acq: 24 Jun 2017 17:03

Tgt Ion: 276 Resp: 126373

Ion Ratio Lower Upper

276 100

138 13.6 8.5 12.7#

277 22.4 18.6 28.0

