

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
 Data File : BM006011.D
 Acq On : 25 Jun 2016 21:02
 Operator : UM/SJ
 Sample : H3670-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y77

Quant Time: Jun 26 04:42:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 26 04:39:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	202240	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	983947	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	646674	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1729785	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	2428100	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	2831827	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	8653	1.91	ng/uL	0.00
3) Phenol-d5	6.83	99	340406	16.00	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	206997	17.49	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	253646	17.12	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	265936	14.81	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	127038	16.96	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	138521	16.62	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	264917	16.57	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	373672	21.54	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	975160	17.62	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1151226	17.93	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	191476	16.21	ng/ul	0.00
21) Fluorene-d10	15.30	176	857111	18.13	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	137100	14.28	ng/ul	0.00
26) Anthracene-d10	17.15	188	1424333	17.93	ng/ul	0.00
30) Pyrene-d10	19.45	212	1839466	17.29	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	2389604	18.69	ng/ul	0.00

Target Compounds

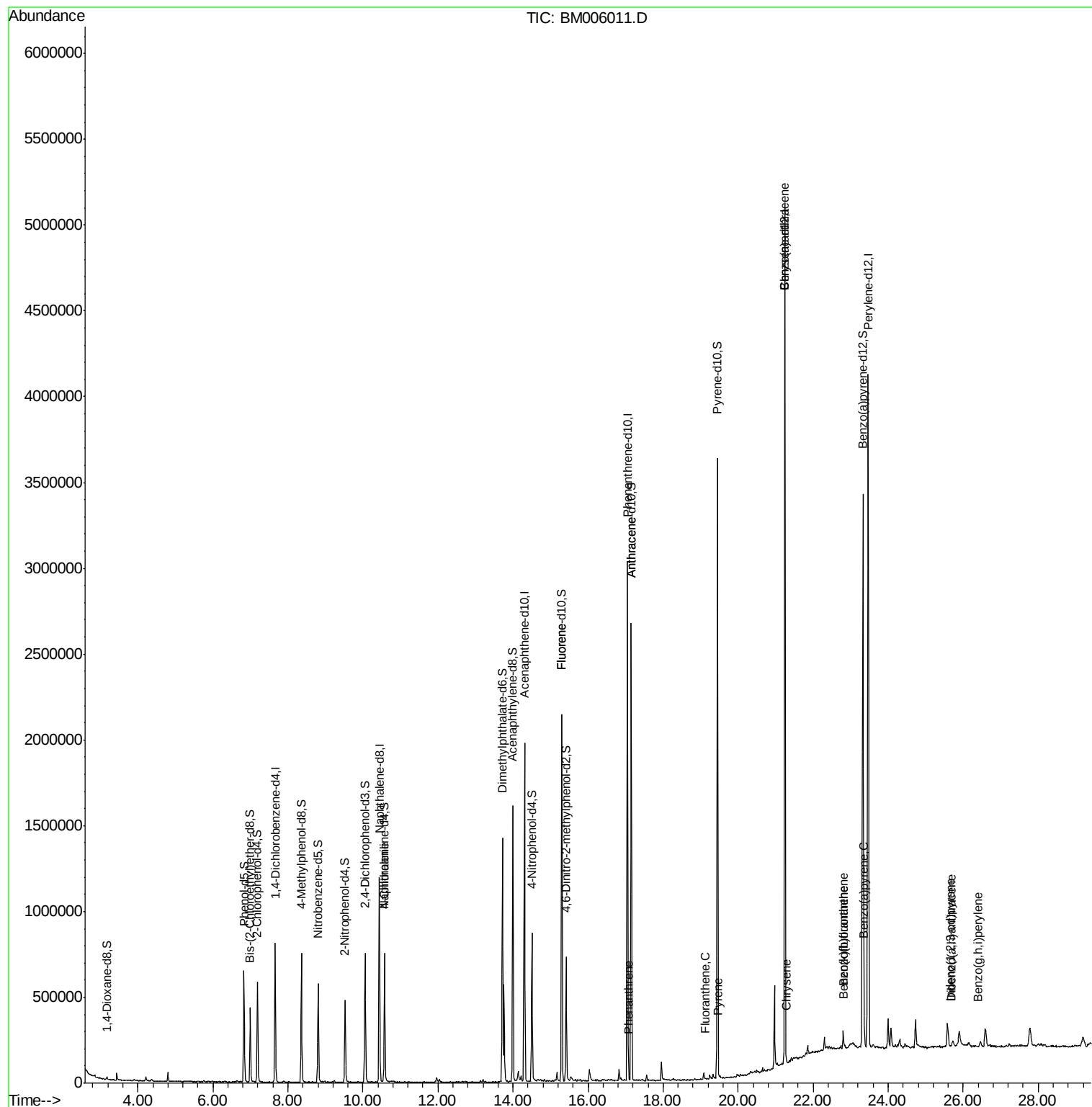
						Qvalue
11) Naphthalene	10.58	128	214	0.00	ng/ul#	1
22) Fluorene	15.30	166	2122	0.04	ng/ul#	11
25) Phenanthrene	17.09	178	1487	0.02	ng/ul#	60
27) Anthracene	17.15	178	490	0.01	ng/ul#	1
28) Fluoranthene	19.11	202	2558	0.02	ng/ul#	75
31) Pyrene	19.48	202	2381	0.02	ng/ul#	72
32) Benzo(a)anthracene	21.24	228	8094	0.06	ng/ul#	72
33) Chrysene	21.28	228	3020	0.02	ng/ul#	87
35) Benzo(b)fluoranthene	22.80	252	4251	0.03	ng/ul#	38
36) Benzo(k)fluoranthene	22.83	252	1629	0.01	ng/ul#	57
38) Benzo(a)pyrene	23.36	252	1627	0.01	ng/ul#	29
39) Indeno(1,2,3-cd)pyrene	25.66	276	1120	0.01	ng/ul#	47
40) Dibenzo(a,h)anthracene	25.68	278	121	0.00	ng/ul#	57
41) Benzo(g,h,i)perylene	26.39	276	148	0.00	ng/ul#	54

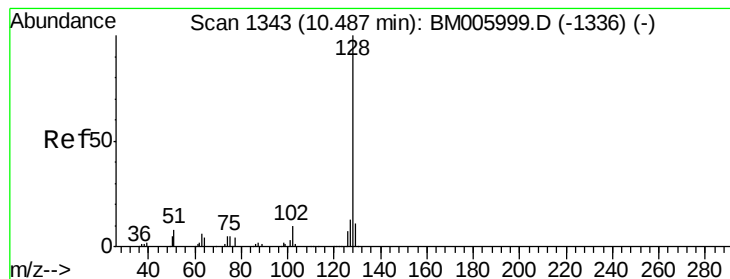
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM006011.D
Acq On : 25 Jun 2016 21:02
Operator : UM/SJ
Sample : H3670-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Y77

Quant Time: Jun 26 04:42:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 26 04:39:40 2016
Response via : Initial Calibration





#11

Naphthalene

Concen: 0.00 ng/ul

RT: 10.58 min Scan# 1359

Delta R.T. 0.09 min

Lab File: BM006011.D

Acq: 25 Jun 2016 21:02

Instrument :

BNA_M

ClientSampleId :

D9Y77

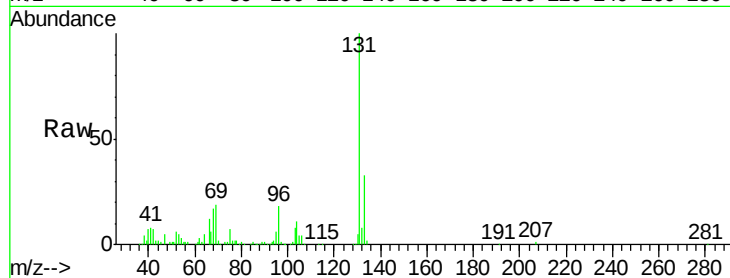
Tgt Ion:128 Resp: 214

Ion Ratio Lower Upper

128 100

129 221.5 8.6 13.0#

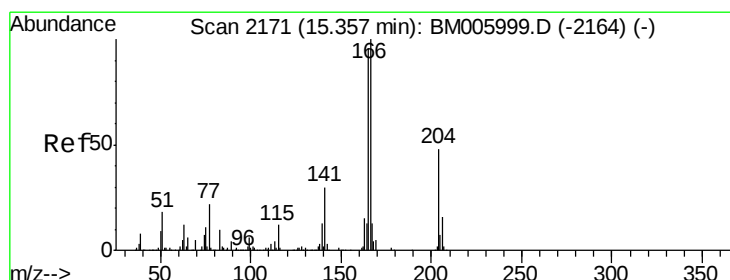
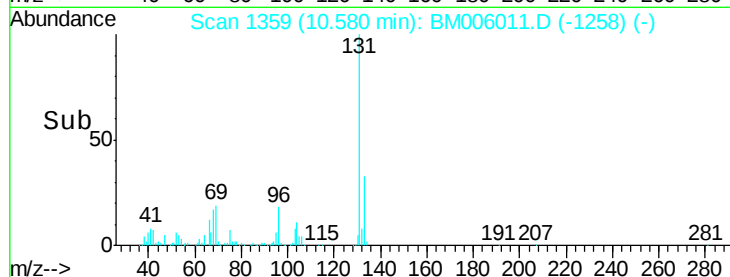
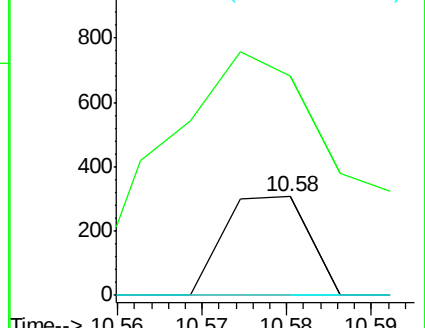
127 0.0 10.2 15.4#



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



#22

Fluorene

Concen: 0.04 ng/ul

RT: 15.30 min Scan# 2161

Delta R.T. -0.06 min

Lab File: BM006011.D

Acq: 25 Jun 2016 21:02

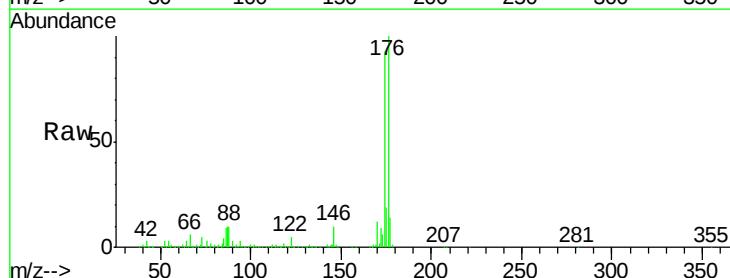
Tgt Ion:166 Resp: 2122

Ion Ratio Lower Upper

166 100

165 0.0 76.8 115.2#

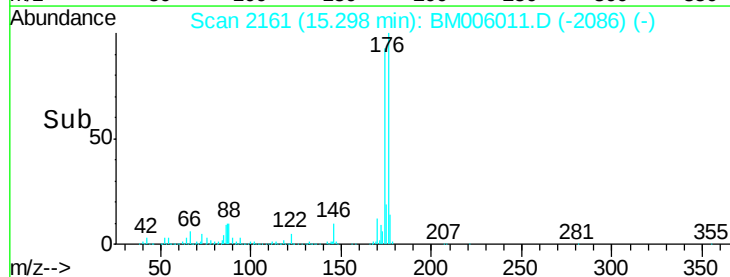
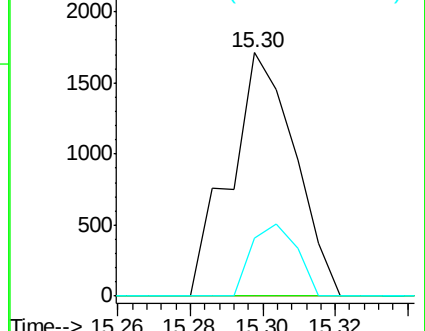
167 23.7 10.8 16.2#

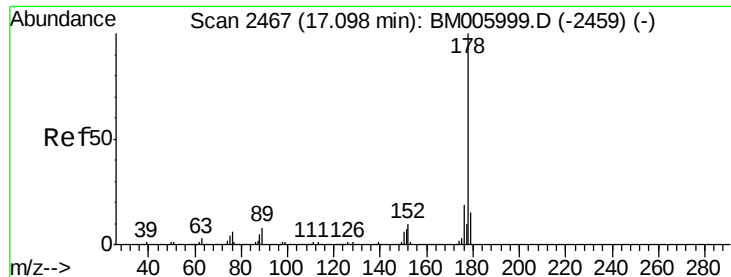


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#25

Phenanthrene

Concen: 0.02 ng/ul

RT: 17.09 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BM006011.D

Acq: 25 Jun 2016 21:02

Instrument :

BNA_M

ClientSampleId :

D9Y77

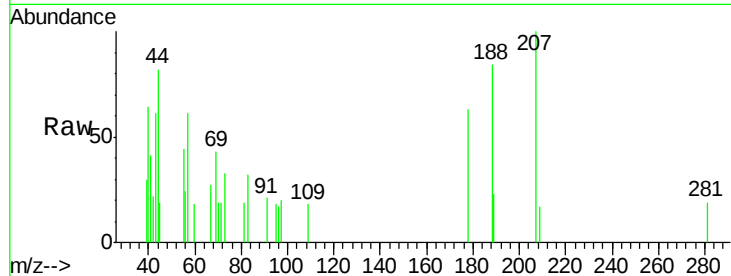
Tgt Ion:178 Resp: 1487

Ion Ratio Lower Upper

178 100

179 0.0 12.1 18.1#

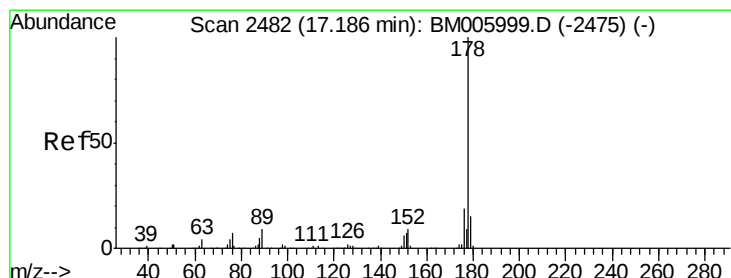
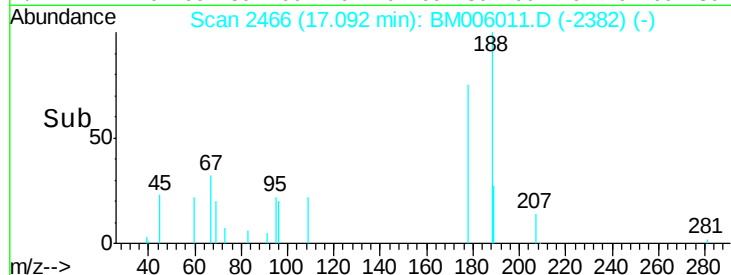
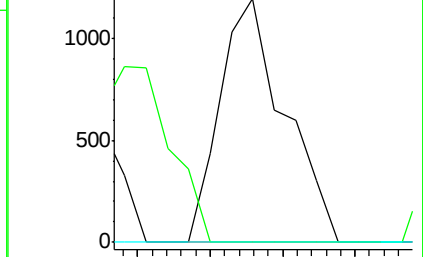
176 0.0 15.4 23.0#



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



#27

Anthracene

Concen: 0.01 ng/ul

RT: 17.15 min Scan# 2476

Delta R.T. -0.04 min

Lab File: BM006011.D

Acq: 25 Jun 2016 21:02

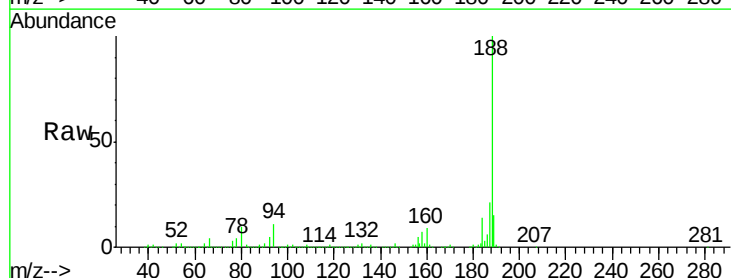
Tgt Ion:178 Resp: 490

Ion Ratio Lower Upper

178 100

179 207.9 12.2 18.4#

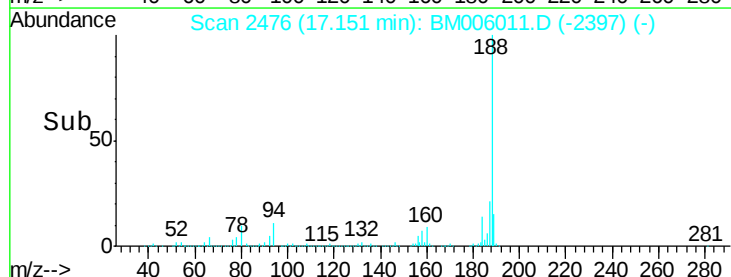
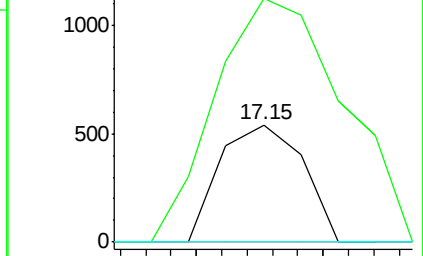
176 0.0 14.9 22.3#

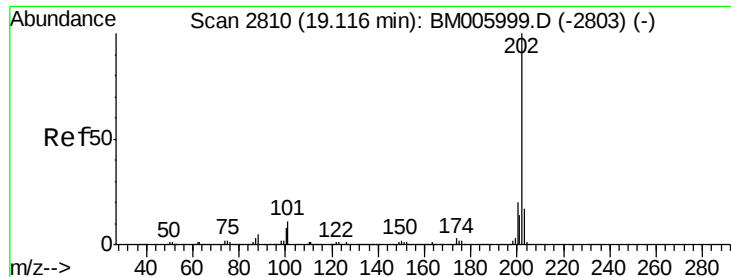


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#28

Fluoranthene

Concen: 0.02 ng/ul

RT: 19.11 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BM006011.D

Acq: 25 Jun 2016 21:02

Instrument :

BNA_M

ClientSampleId :

D9Y77

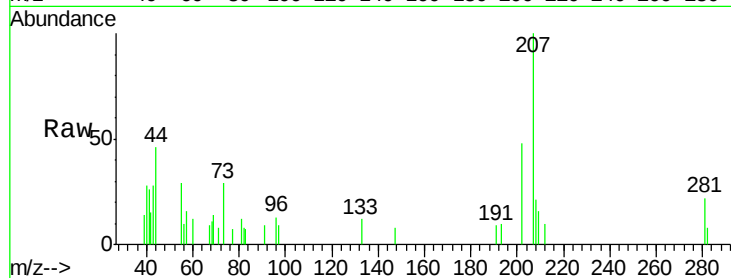
Tgt Ion:202 Resp: 2558

Ion Ratio Lower Upper

202 100

101 0.0 8.2 12.4#

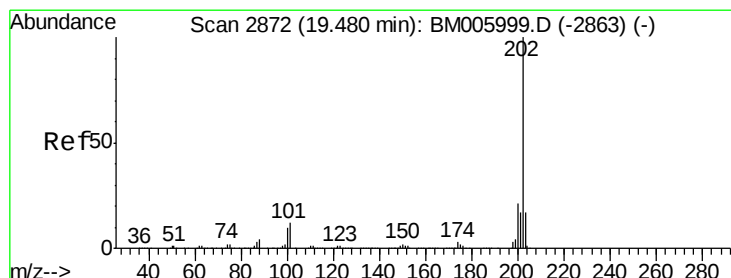
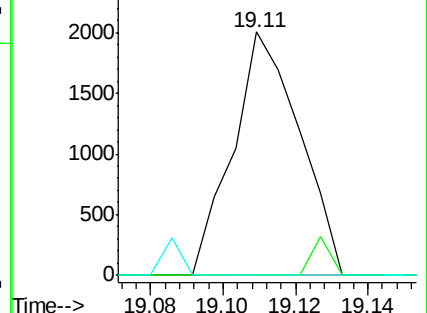
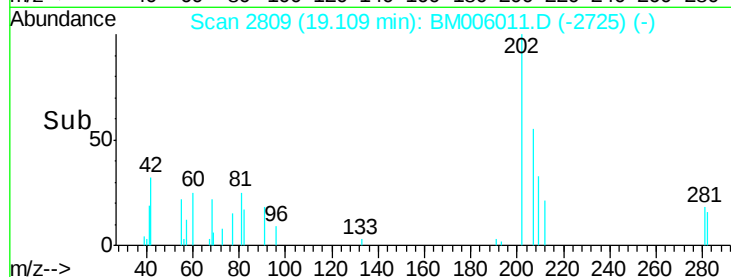
100 0.0 6.3 9.5#



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



#31

Pyrene

Concen: 0.02 ng/ul

RT: 19.48 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BM006011.D

Acq: 25 Jun 2016 21:02

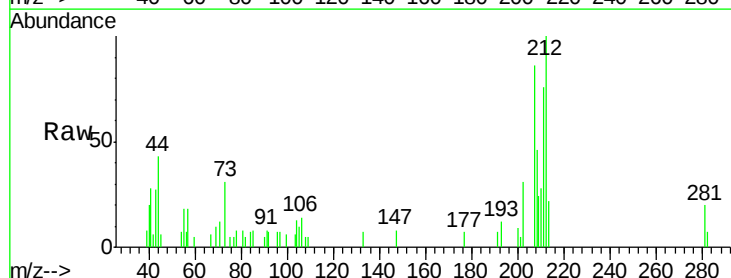
Tgt Ion:202 Resp: 2381

Ion Ratio Lower Upper

202 100

101 0.0 9.8 14.6#

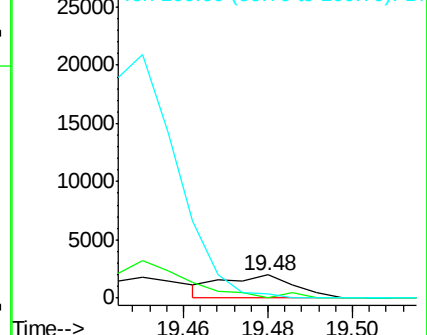
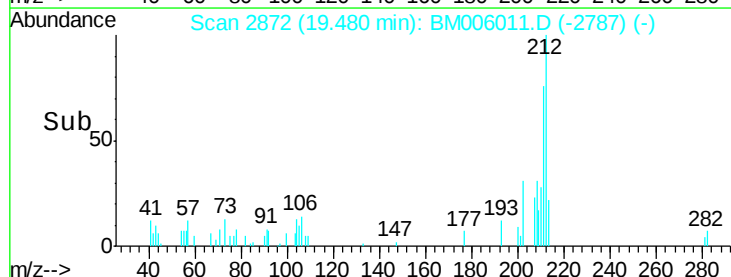
100 18.8 8.2 12.2#

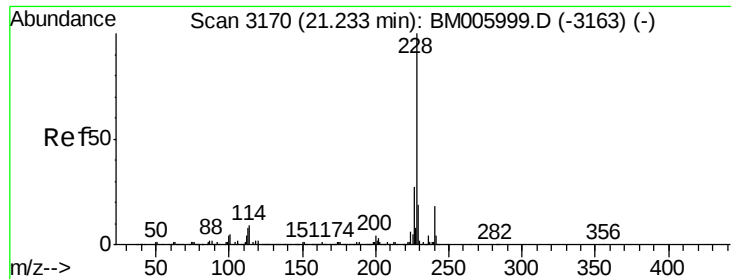


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#32

Benzo(a)anthracene

Concen: 0.06 ng/ul

RT: 21.24 min Scan# 3172

Delta R.T. 0.01 min

Lab File: BM006011.D

Acq: 25 Jun 2016 21:02

Instrument :

BNA_M

ClientSampleId :

D9Y77

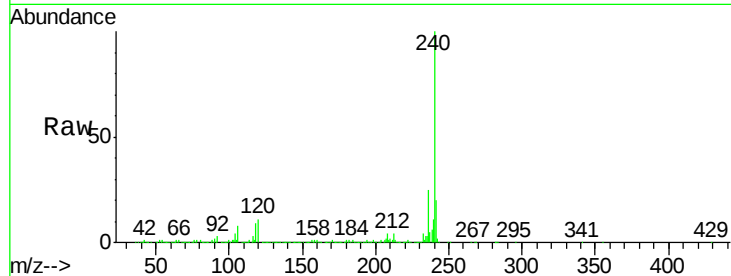
Tgt Ion:228 Resp: 8094

Ion Ratio Lower Upper

228 100

229 29.8 15.8 23.6#

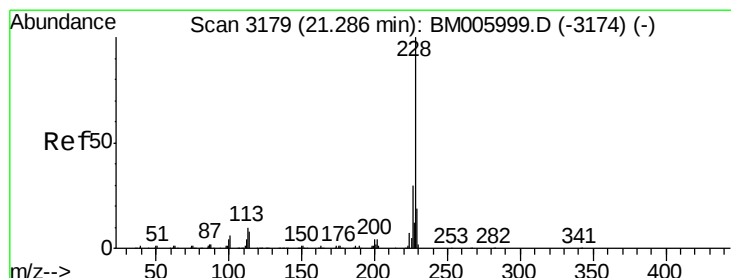
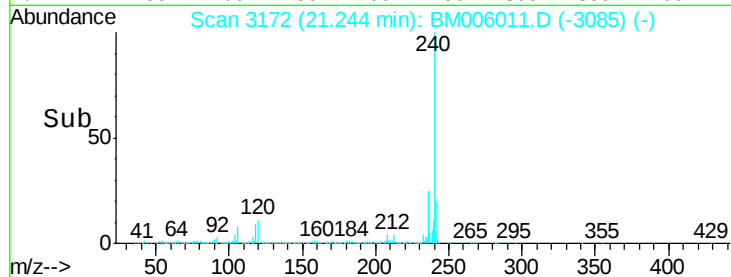
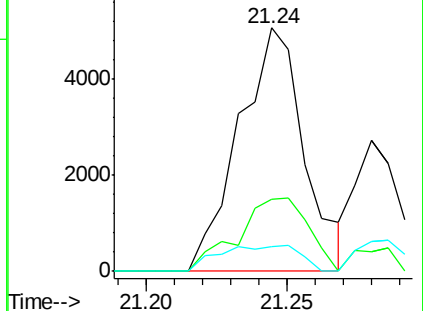
226 10.4 21.5 32.3#



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



#33

Chrysene

Concen: 0.02 ng/ul

RT: 21.28 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BM006011.D

Acq: 25 Jun 2016 21:02

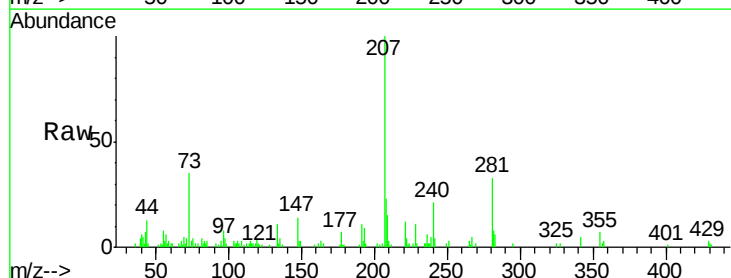
Tgt Ion:228 Resp: 3020

Ion Ratio Lower Upper

228 100

226 22.4 24.3 36.5#

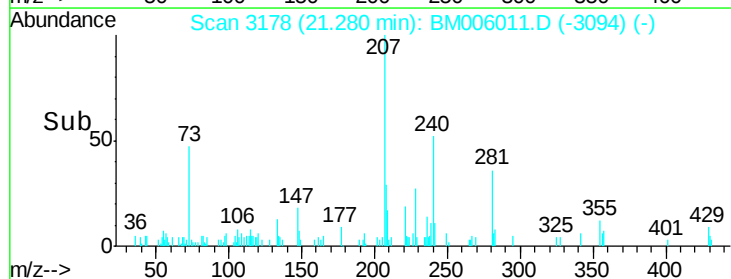
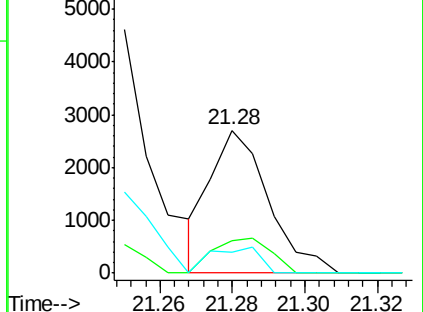
229 14.6 15.4 23.2#

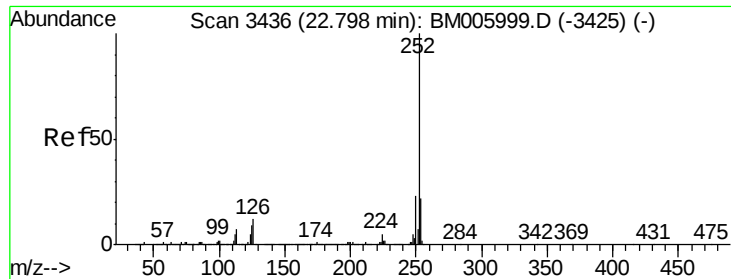


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#35

Benzo(b)fluoranthene

Concen: 0.03 ng/ul

RT: 22.80 min Scan# 3437

Delta R.T. 0.01 min

Lab File: BM006011.D

Acq: 25 Jun 2016 21:02

Instrument :

BNA_M

ClientSampleId :

D9Y77

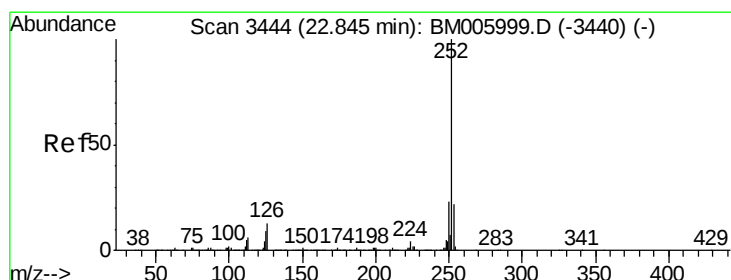
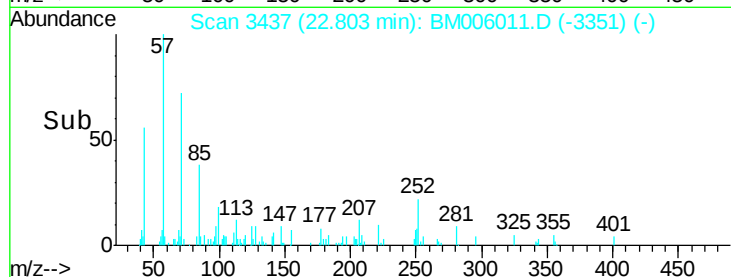
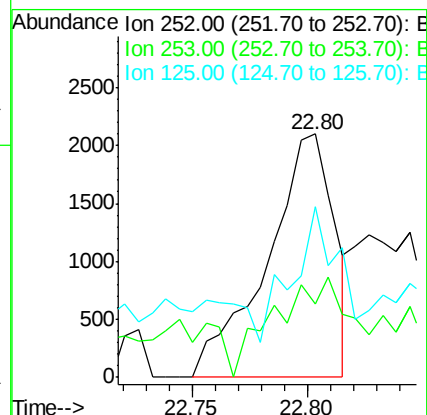
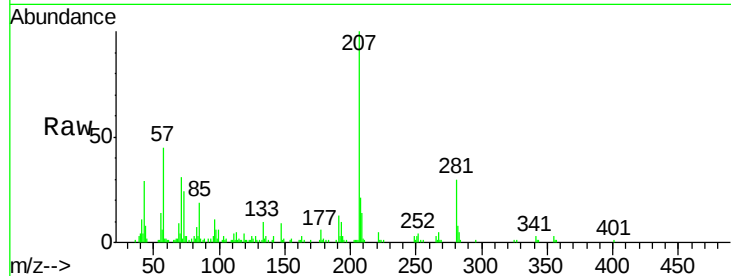
Tgt Ion:252 Resp: 4251

Ion Ratio Lower Upper

252 100

253 30.0 17.2 25.8#

125 70.2 6.8 10.2#



#36

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 22.83 min Scan# 3441

Delta R.T. -0.02 min

Lab File: BM006011.D

Acq: 25 Jun 2016 21:02

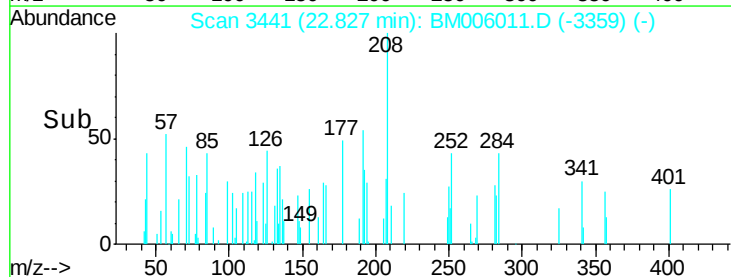
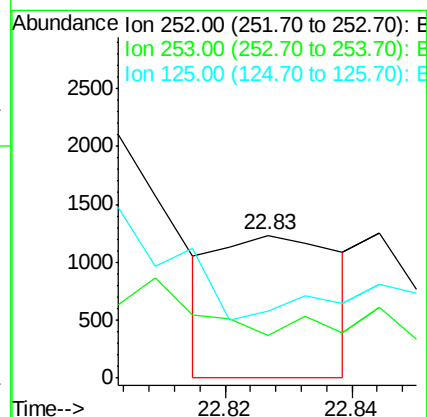
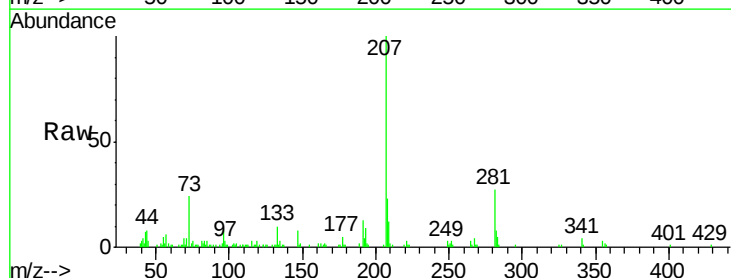
Tgt Ion:252 Resp: 1629

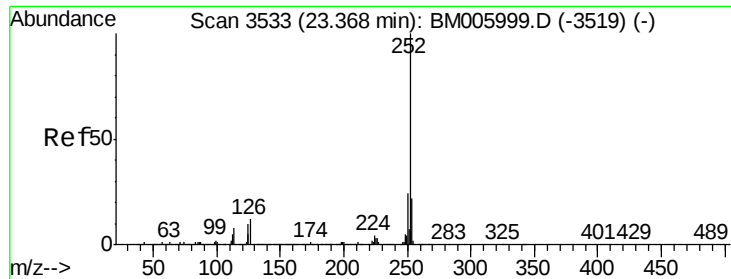
Ion Ratio Lower Upper

252 100

253 29.8 17.3 25.9#

125 46.9 7.0 10.4#





#38

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 23.36 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BM006011.D

Acq: 25 Jun 2016 21:02

Instrument :

BNA_M

ClientSampleId :

D9Y77

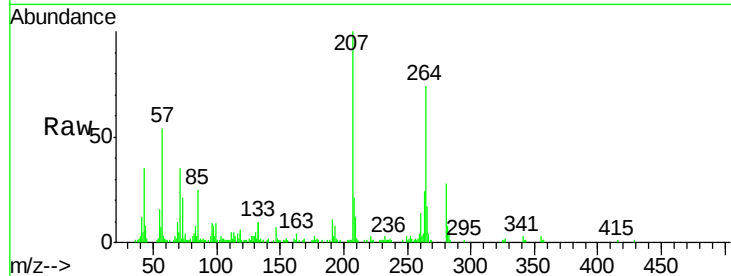
Tgt Ion: 252 Resp: 1627

Ion Ratio Lower Upper

252 100

253 45.9 17.6 26.4#

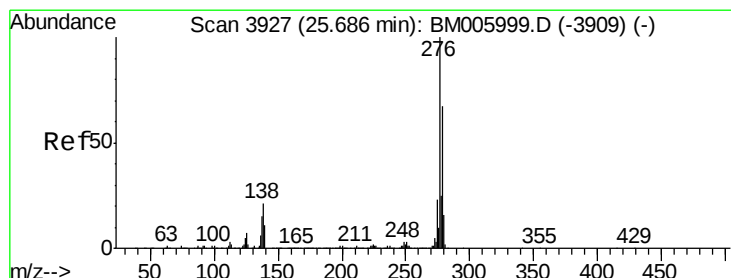
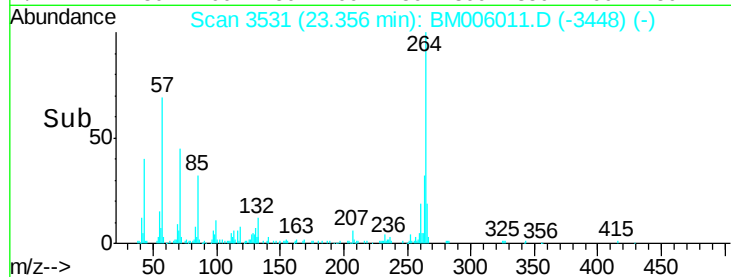
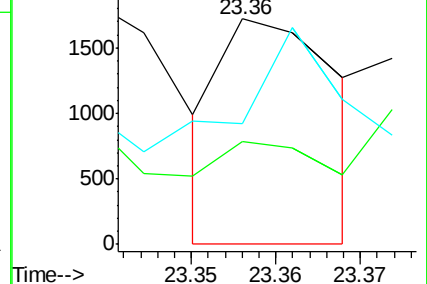
125 53.7 7.8 11.6#



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



#39

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng/ul

RT: 25.66 min Scan# 3923

Delta R.T. -0.02 min

Lab File: BM006011.D

Acq: 25 Jun 2016 21:02

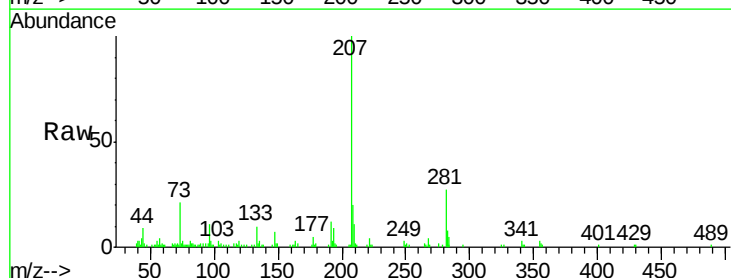
Tgt Ion: 276 Resp: 1120

Ion Ratio Lower Upper

276 100

138 47.2 16.6 25.0#

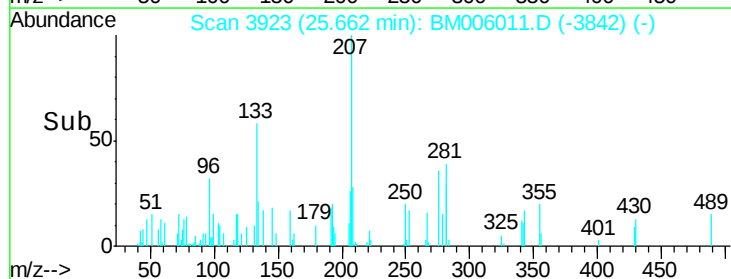
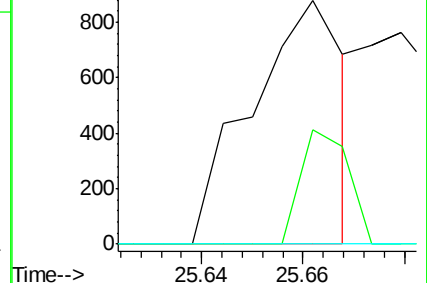
277 0.0 19.6 29.4#

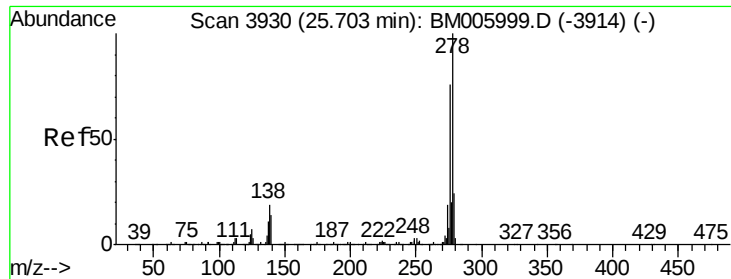


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#40

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.68 min Scan# 3926

Delta R.T. -0.02 min

Lab File: BM006011.D

Acq: 25 Jun 2016 21:02

Instrument :

BNA_M

ClientSampled :

D9Y77

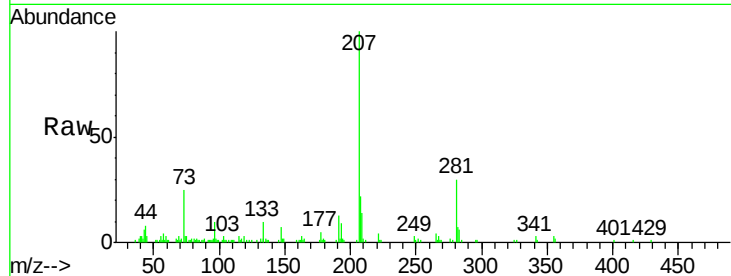
Tgt Ion: 278 Resp: 121

Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.2#

279 0.0 18.8 28.2#

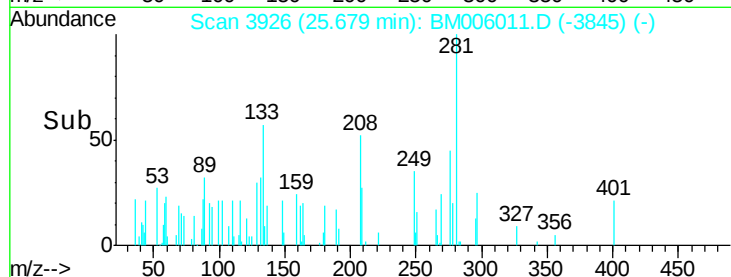


Abundance Ion 278.00 (277.70 to 278.70): E

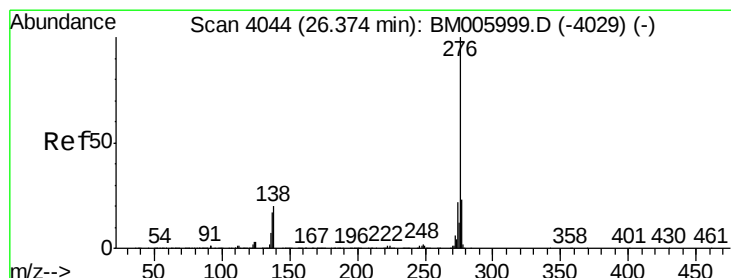
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

25.68



Time-->



#41

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.39 min Scan# 4046

Delta R.T. 0.01 min

Lab File: BM006011.D

Acq: 25 Jun 2016 21:02

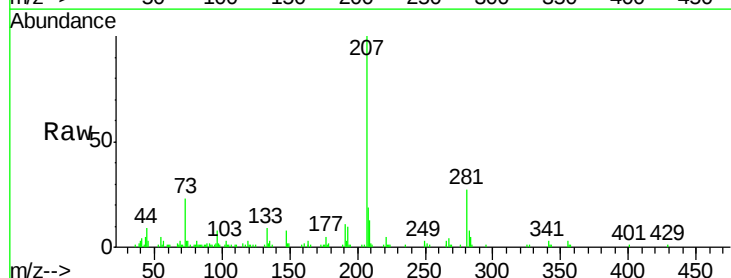
Tgt Ion: 276 Resp: 148

Ion Ratio Lower Upper

276 100

138 0.0 15.9 23.9#

277 0.0 19.2 28.8#

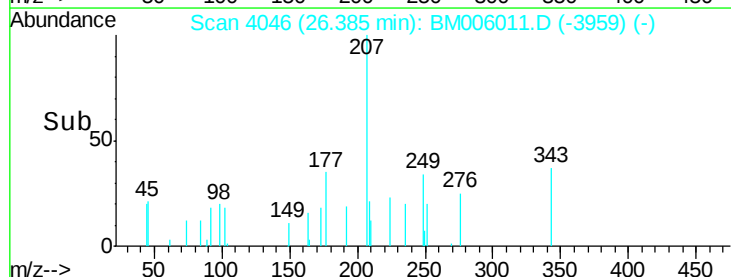


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

26.39



Time-->