

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
 Data File : BM002114.D
 Acq On : 29 Jul 2015 04:04
 Operator : TP/UM
 Sample : G3048-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02H0

Quant Time: Jul 29 06:40:15 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 01:50:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	55873	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	225980	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	142996	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	321800	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	382898	20.00	ng/ul	0.01
86) Perylene-d12	23.43	264	387527	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.06	96	1871	1.73	ng/uL	0.00
5) Phenol-d5	6.78	99	34603	8.66	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	22295	10.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	32451	9.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	15876	5.00	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	15093	9.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	12541	7.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	29784	8.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	10278	2.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	91973	8.78	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	107403	8.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	8531	4.88	ng/ul	0.02
58) Fluorene-d10	15.26	176	75055	8.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	351	0.18	ng/ul	0.01
71) Anthracene-d10	17.11	188	107814	7.51	ng/ul	0.00
79) Pyrene-d10	19.42	212	118419	7.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	118039	6.28	ng/ul	0.02

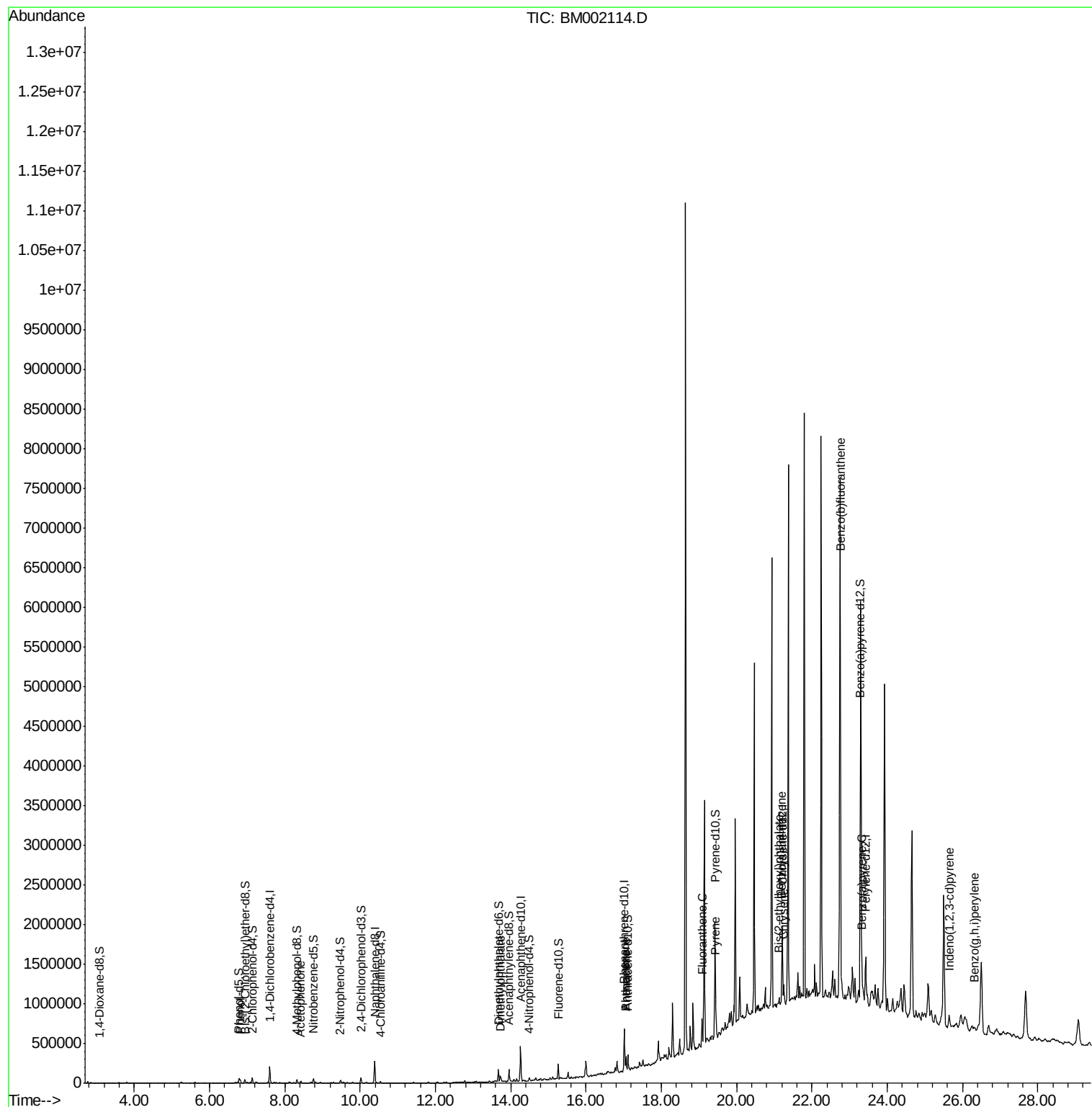
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.82	94	25364	6.21	ng/ul	93
14) Acetophenone	8.42	105	10386	2.07	ng/ul	92
45) Dimethylphthalate	13.72	163	41600	3.98	ng/ul	99
70) Phenanthrene	17.06	178	111545	6.69	ng/ul	98
72) Anthracene	17.06	178	111595	6.55	ng/ul	97
77) Fluoranthene	19.08	202	165687	8.61	ng/ul	98
80) Pyrene	19.44	202	171445	8.23	ng/ul#	96
83) Benzo(a)anthracene	21.20	228	67277	3.17	ng/ul#	89
84) Bis(2-ethylhexyl)phthalate	21.13	149	19060	1.56	ng/ul#	88
85) Chrysene	21.25	228	85620	4.31	ng/ul#	94
88) Benzo(b)fluoranthene	22.76	252	131518	6.04	ng/ul#	52
91) Benzo(a)pyrene	23.33	252	76825	3.66	ng/ul#	77
92) Indeno(1,2,3-cd)pyrene	25.64	276	62554	2.58	ng/ul	96
94) Benzo(g,h,i)perylene	26.32	276	63633	3.13	ng/ul#	90

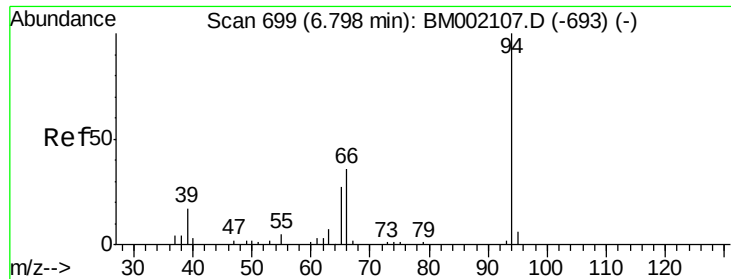
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 6.21 ng/ul

RT: 6.82 min Scan# 702

Delta R.T. 0.02 min

Lab File: BM002114.D

Acq: 29 Jul 2015 04:04

Instrument :

BNA_M

ClientSampleId :

C02H0

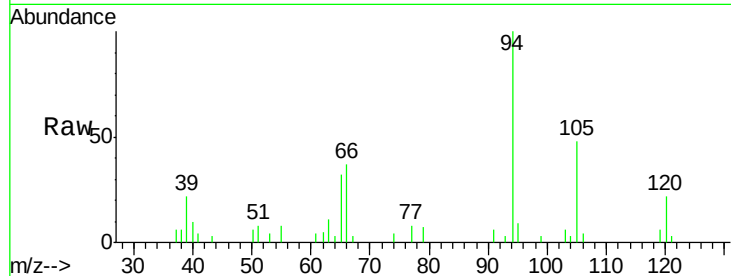
Tgt Ion: 94 Resp: 25364

Ion Ratio Lower Upper

94 100

65 32.4 21.8 32.8

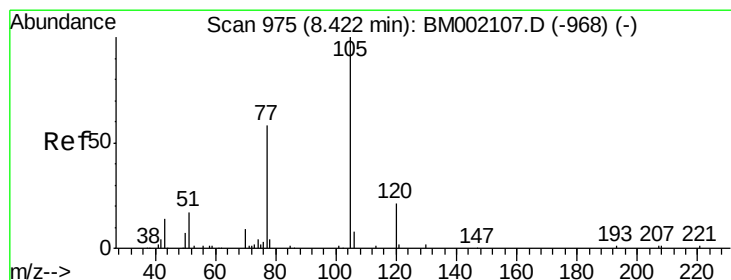
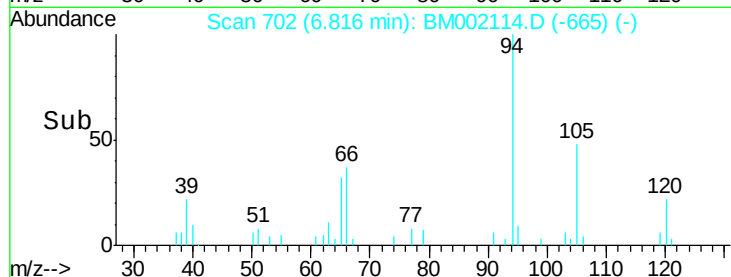
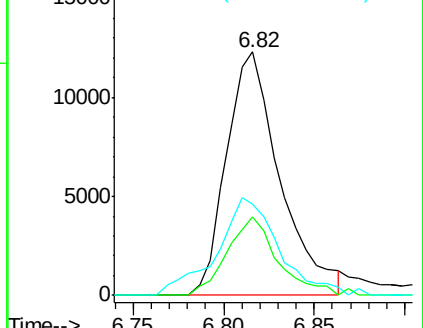
66 37.5 32.3 48.5



Abundance Ion 94.00 (93.70 to 94.70): BM002107.D (-693) (-)

Ion 65.00 (64.70 to 65.70): BM002107.D (-693) (-)

Ion 66.00 (65.70 to 66.70): BM002107.D (-693) (-)



#14

Acetophenone

Concen: 2.07 ng/ul

RT: 8.42 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM002114.D

Acq: 29 Jul 2015 04:04

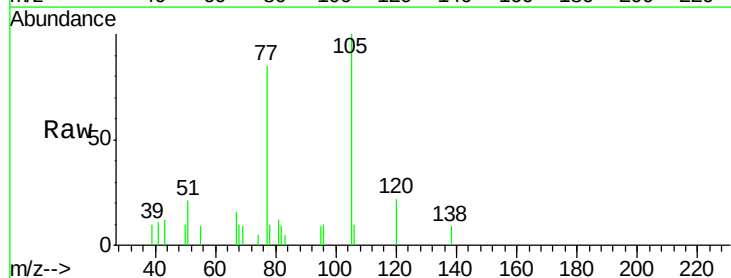
Tgt Ion: 105 Resp: 10386

Ion Ratio Lower Upper

105 100

77 84.7 61.8 92.8

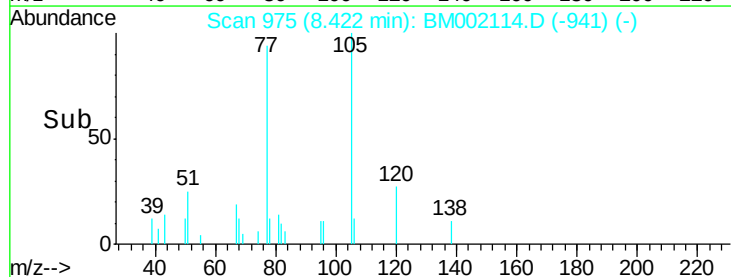
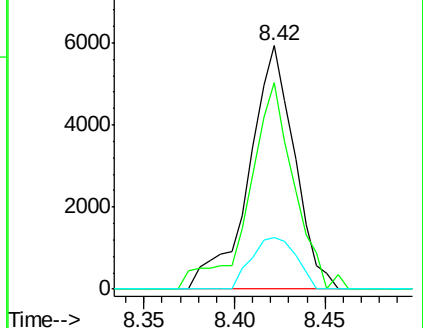
51 21.0 18.5 27.7

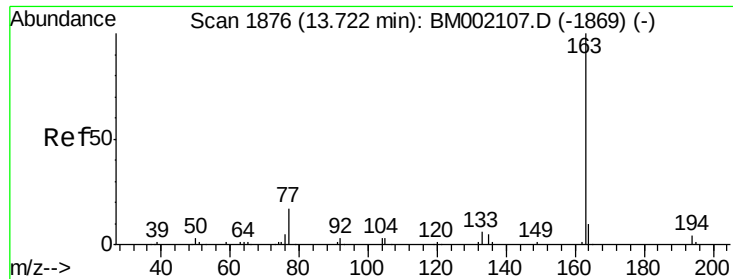


Abundance Ion 105.00 (104.70 to 105.70): BM002107.D (-968) (-)

Ion 77.00 (76.70 to 77.70): BM002107.D (-968) (-)

Ion 51.00 (50.70 to 51.70): BM002107.D (-968) (-)

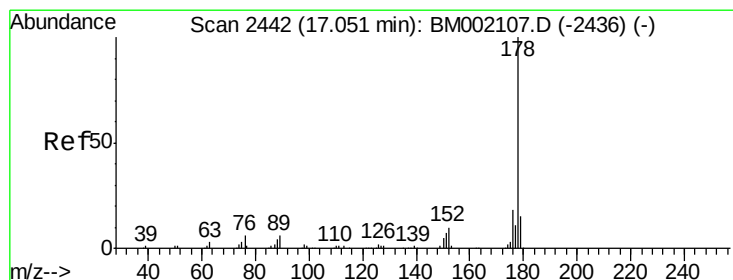
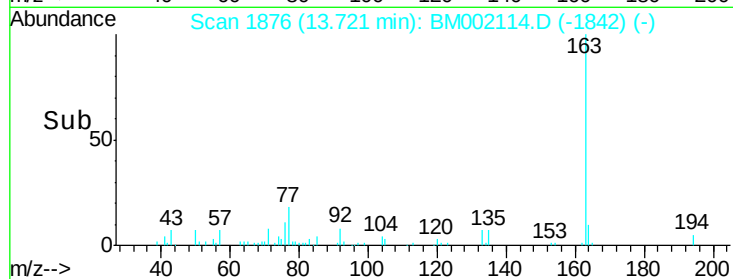
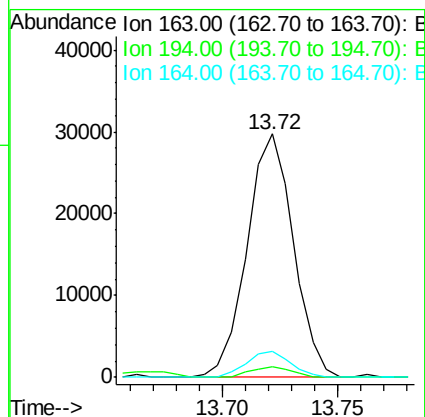
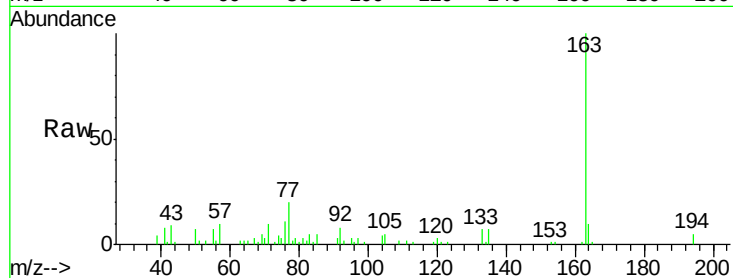




#45
Dimethylphthalate
Concen: 3.98 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BM002114.D
Acq: 29 Jul 2015 04:04

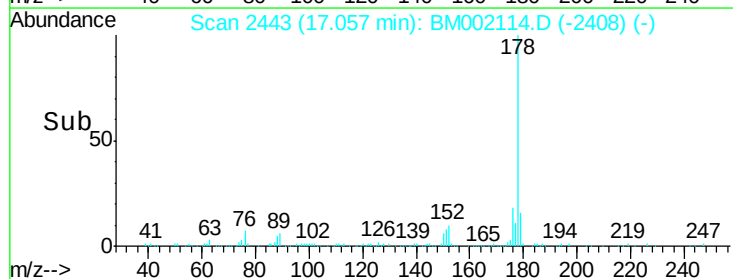
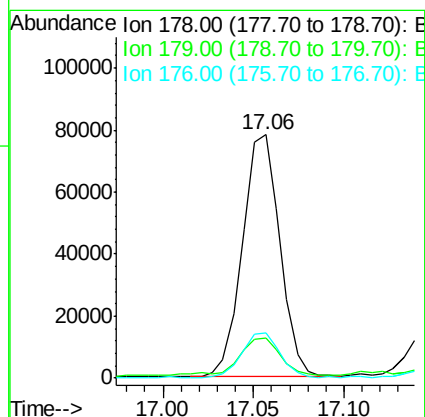
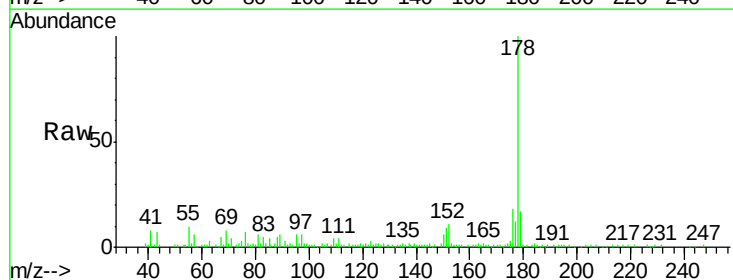
Instrument :
BNA_M
ClientSampleId :
C02H0

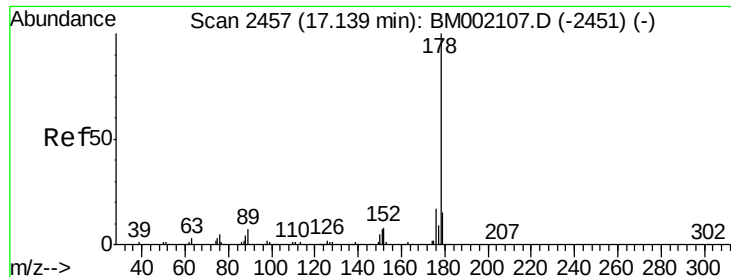
Tgt Ion:163 Resp: 41600
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.5 8.0 12.0



#70
Phenanthrene
Concen: 6.69 ng/ul
RT: 17.06 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BM002114.D
Acq: 29 Jul 2015 04:04

Tgt Ion:178 Resp: 111545
Ion Ratio Lower Upper
178 100
179 16.5 12.5 18.7
176 18.4 14.2 21.4





#72

Anthracene

Concen: 6.55 ng/ul

RT: 17.06 min Scan# 2443

Delta R.T. -0.08 min

Lab File: BM002114.D

Acq: 29 Jul 2015 04:04

Instrument :

BNA_M

ClientSampleId :

C02H0

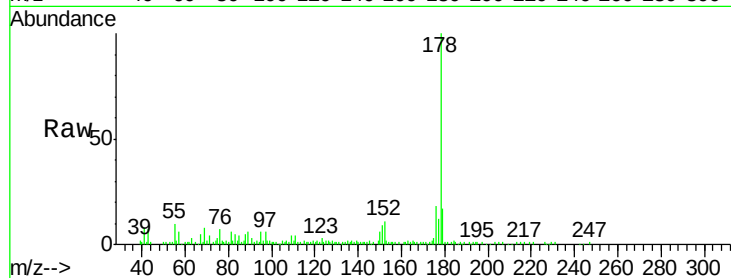
Tgt Ion:178 Resp: 111595

Ion Ratio Lower Upper

178 100

179 16.5 12.1 18.1

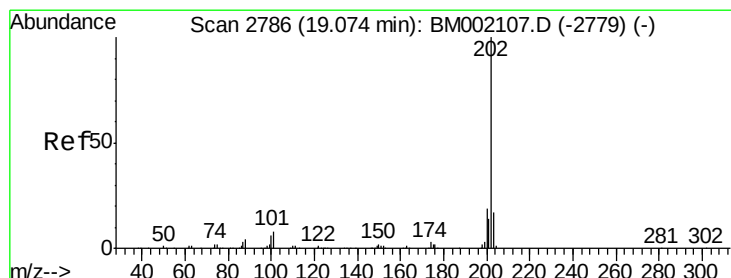
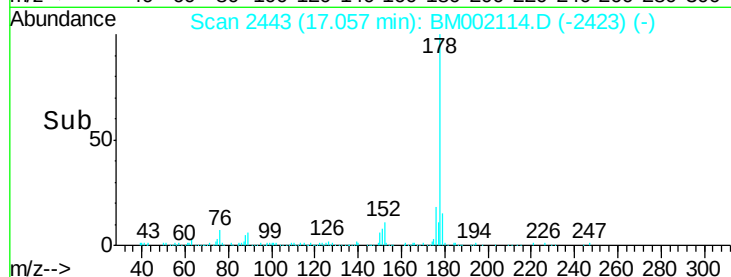
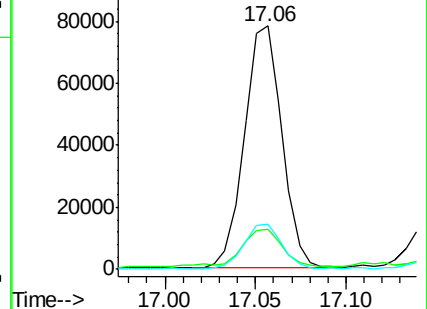
176 18.4 14.1 21.1



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

Fluoranthene

Concen: 8.61 ng/ul

RT: 19.08 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BM002114.D

Acq: 29 Jul 2015 04:04

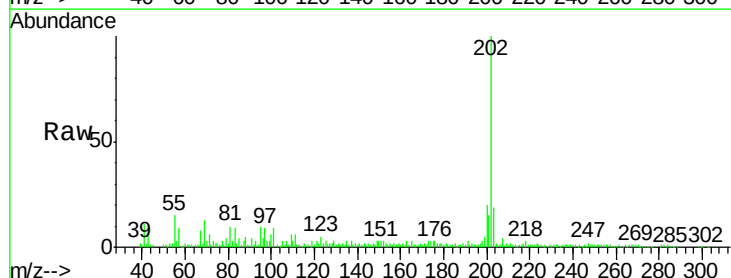
Tgt Ion:202 Resp: 165687

Ion Ratio Lower Upper

202 100

101 9.0 6.2 9.4

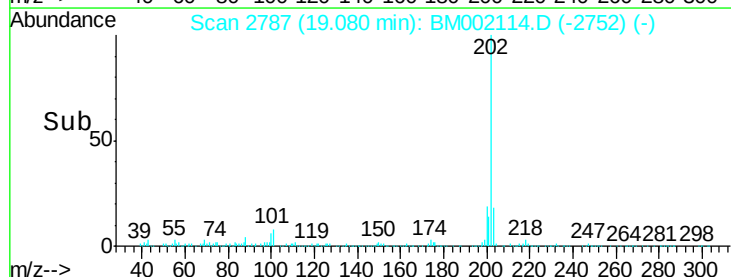
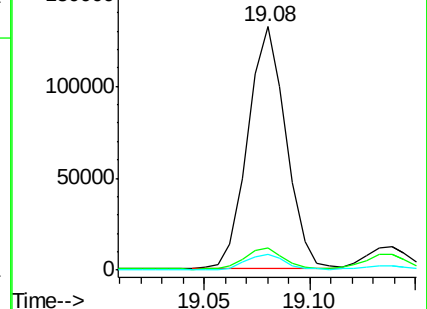
100 6.5 5.2 7.8

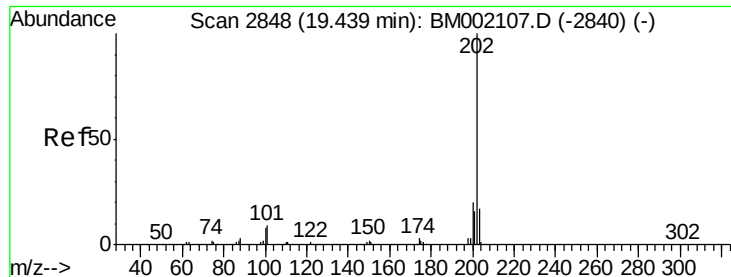


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

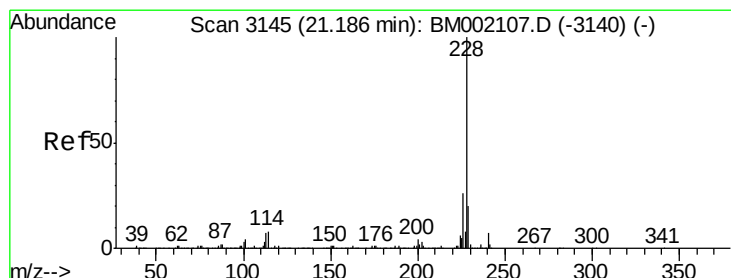
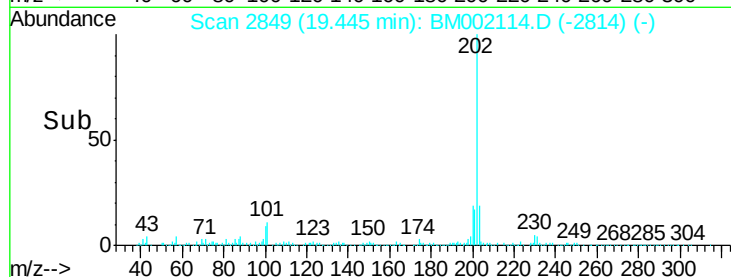
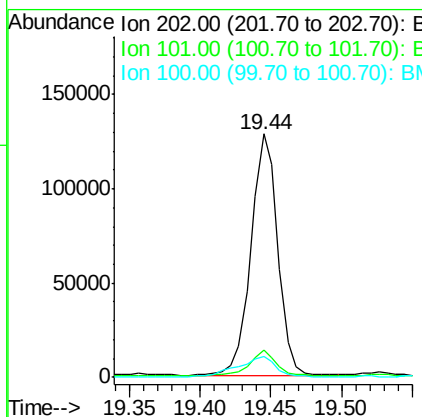
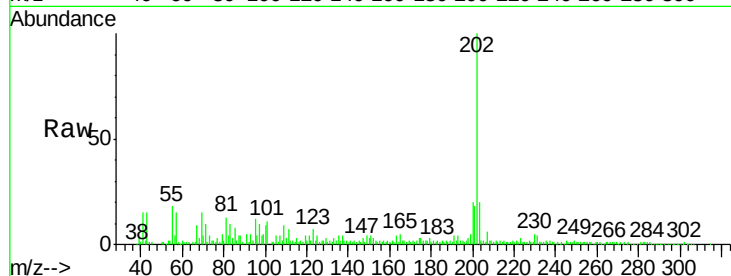




#80
 Pyrene
 Concen: 8.23 ng/ul
 RT: 19.44 min Scan# 2849
 Delta R.T. 0.01 min
 Lab File: BM002114.D
 Acq: 29 Jul 2015 04:04

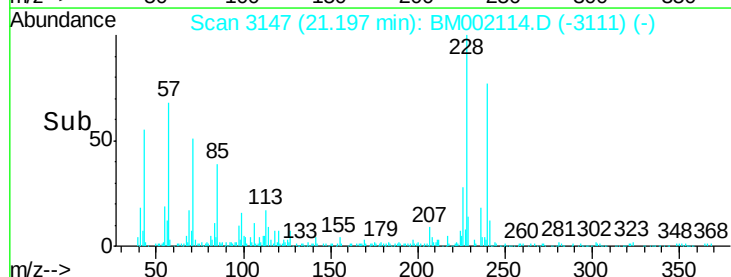
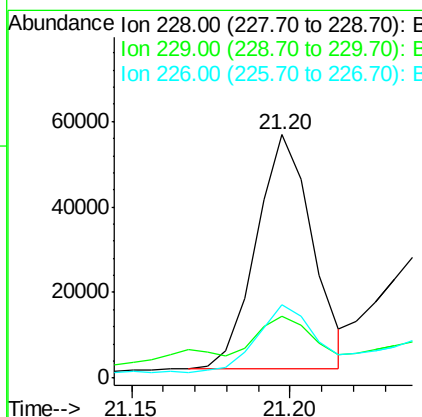
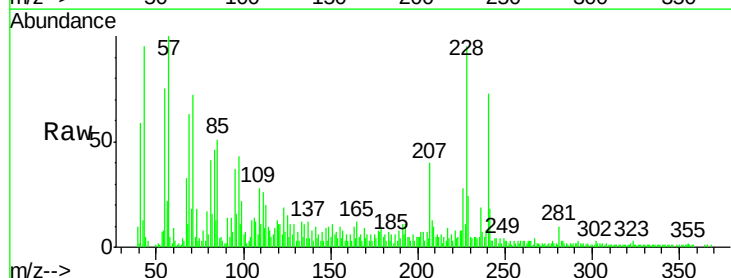
Instrument :
 BNA_M
 ClientSampleId :
 C02H0

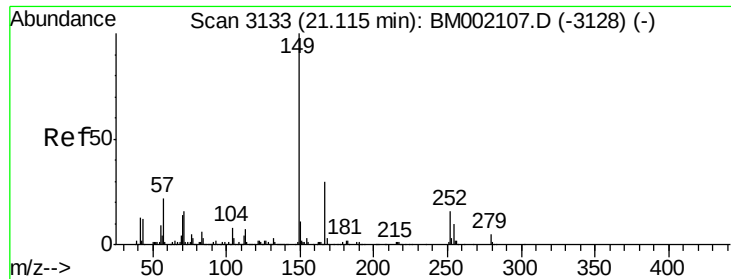
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	7.4	11.2#
100	8.6	6.3	9.5



#83
 Benzo(a)anthracene
 Concen: 3.17 ng/ul
 RT: 21.20 min Scan# 3147
 Delta R.T. 0.01 min
 Lab File: BM002114.D
 Acq: 29 Jul 2015 04:04

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.5	15.4	23.2#
226	30.0	20.5	30.7

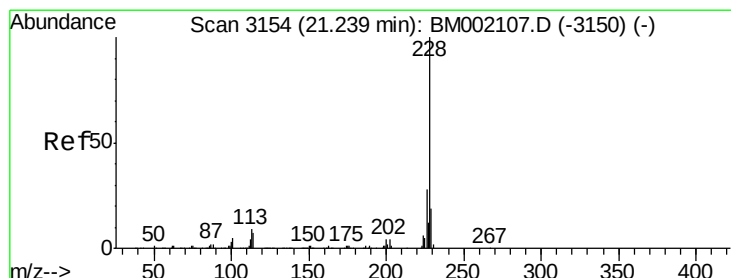
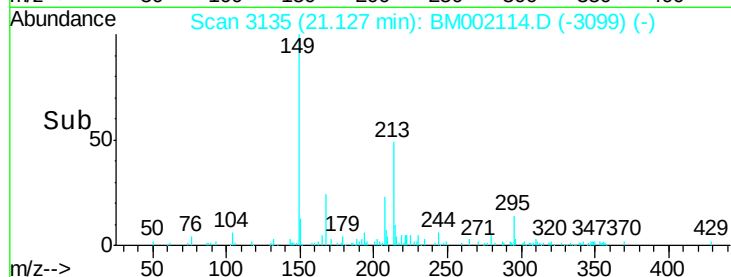
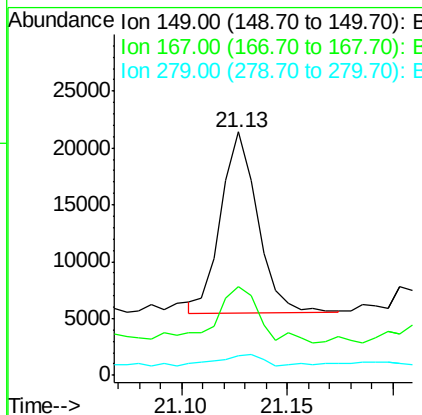
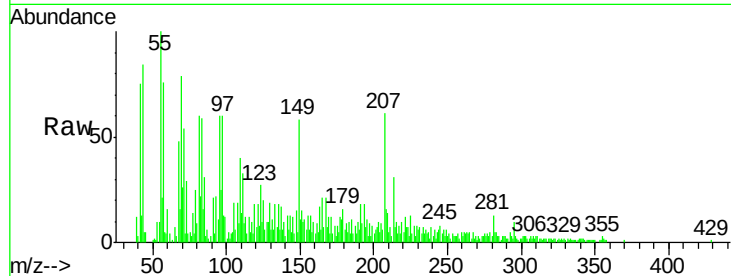




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.56 ng/ul
 RT: 21.13 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BM002114.D
 Acq: 29 Jul 2015 04:04

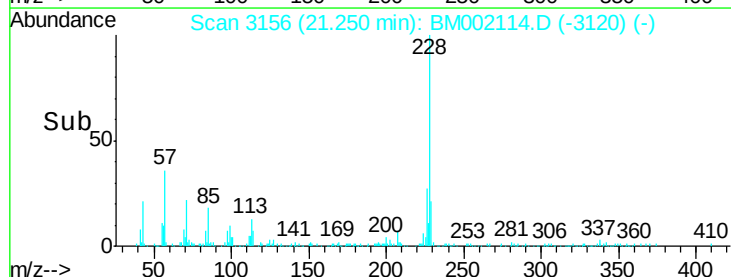
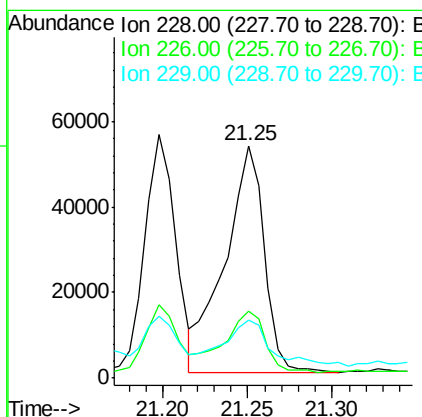
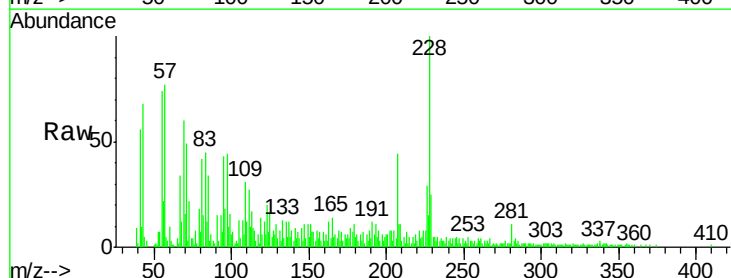
Instrument :
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 C02H0

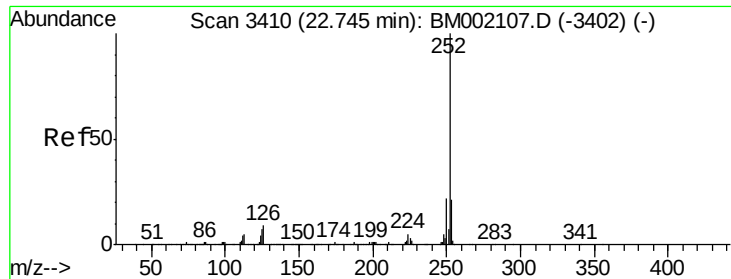
Tgt Ion:149 Resp: 19060
 Ion Ratio Lower Upper
 149 100
 167 36.2 23.6 35.4#
 279 8.2 4.2 6.4#



#85
 Chrysene
 Concen: 4.31 ng/ul
 RT: 21.25 min Scan# 3156
 Delta R.T. 0.01 min
 Lab File: BM002114.D
 Acq: 29 Jul 2015 04:04

Tgt Ion:228 Resp: 85620
 Ion Ratio Lower Upper
 228 100
 226 28.9 22.3 33.5
 229 24.7 15.5 23.3#





#88

Benzo(b)fluoranthene

Concen: 6.04 ng/ul

RT: 22.76 min Scan# 3412

Delta R.T. 0.01 min

Lab File: BM002114.D

Acq: 29 Jul 2015 04:04

Instrument :

BNA_M

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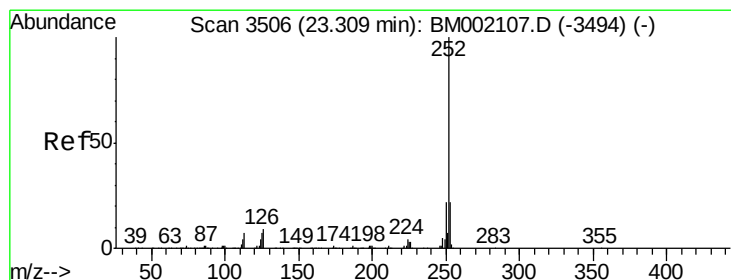
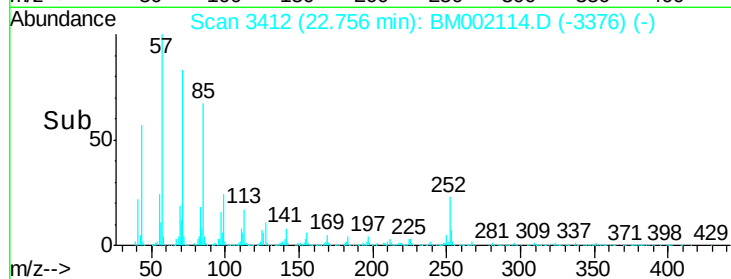
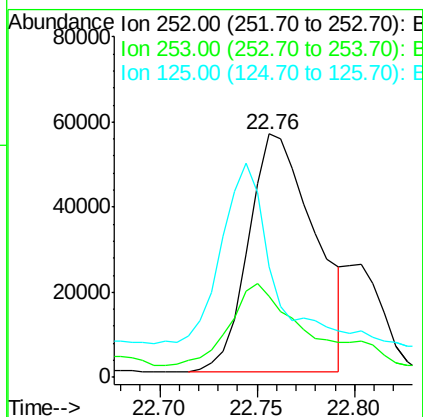
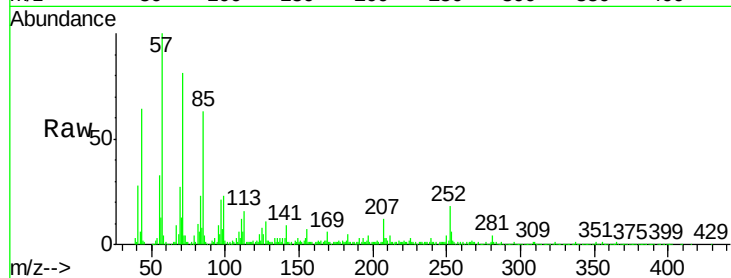
Tgt Ion:252 Resp: 131518

Ion Ratio Lower Upper

252 100

253 33.3 16.9 25.3#

125 45.5 6.2 9.2#



#91

Benzo(a)pyrene

Concen: 3.66 ng/ul

RT: 23.33 min Scan# 3509

Delta R.T. 0.02 min

Lab File: BM002114.D

Acq: 29 Jul 2015 04:04

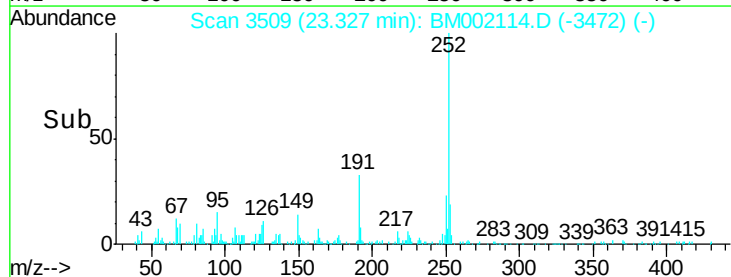
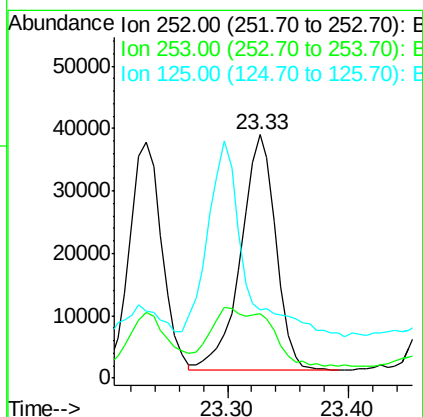
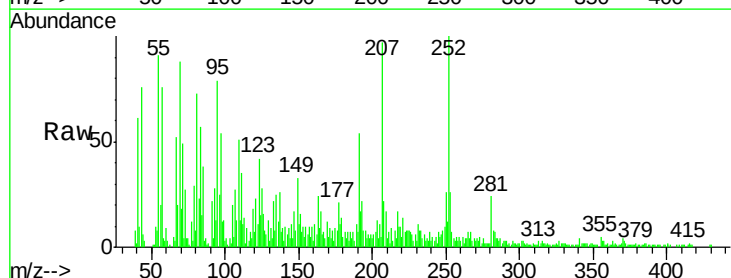
Tgt Ion:252 Resp: 76825

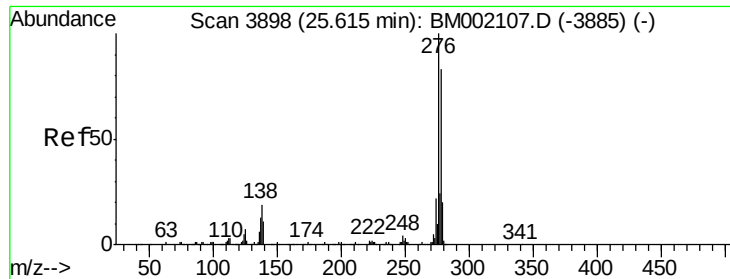
Ion Ratio Lower Upper

252 100

253 26.4 17.2 25.8#

125 28.2 6.6 10.0#





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.58 ng/ul

RT: 25.64 min Scan# 3903

Delta R.T. 0.03 min

Lab File: BM002114.D

Acq: 29 Jul 2015 04:04

Instrument :

BNA_M

ClientSampleId :

C02H0

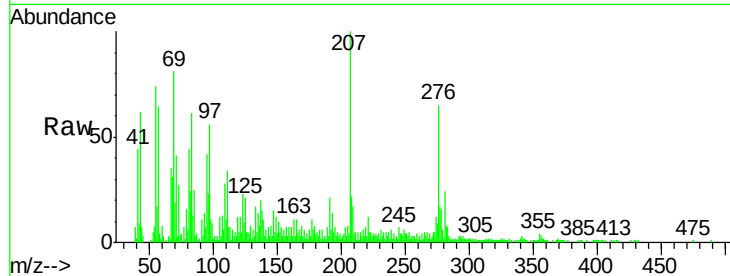
Tgt Ion:276 Resp: 62554

Ion Ratio Lower Upper

276 100

138 22.3 16.2 24.2

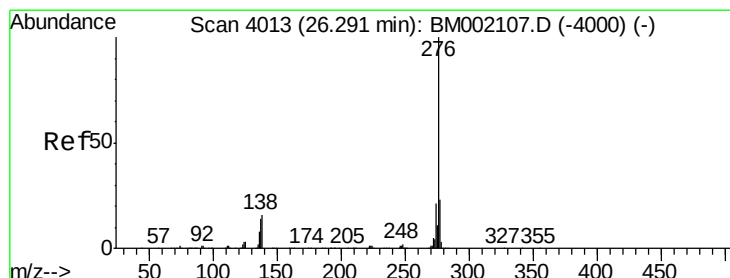
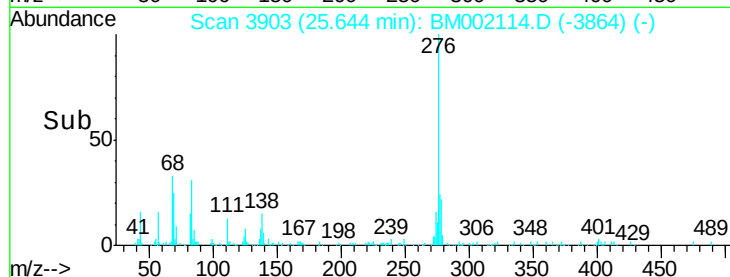
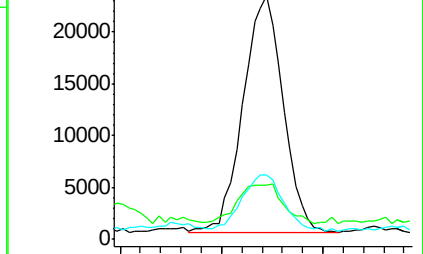
277 26.4 19.8 29.8



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



#94

Benzo(g,h,i)perylene

Concen: 3.13 ng/ul

RT: 26.32 min Scan# 4018

Delta R.T. 0.03 min

Lab File: BM002114.D

Acq: 29 Jul 2015 04:04

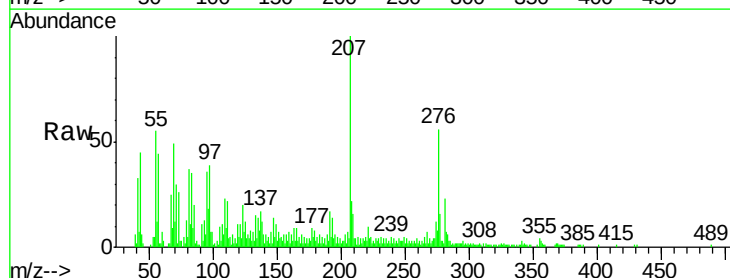
Tgt Ion:276 Resp: 63633

Ion Ratio Lower Upper

276 100

138 21.9 13.8 20.6#

277 27.6 18.2 27.2#



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

