

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001479.D
 Acq On : 30 May 2015 17:36
 Operator : TP/IZ
 Sample : G2411-12RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRC3RE

Quant Time: May 31 02:20:50 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 31 02:16:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	171521	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	669080	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	362023	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	755894	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	770298	20.00	ng/ul	0.00
83) Perylene-d12	23.12	264	714036	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.80	96	8256	2.40	ng/uL	0.00
5) Phenol-d5	6.58	99	183940	14.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	119562	15.11	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	164639	15.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	96392	9.00	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	76728	17.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	86367	17.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	153650	15.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	79833	6.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	431582	17.00	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	602247	17.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	72417	13.99	ng/ul	0.00
57) Fluorene-d10	15.07	176	422271	16.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	32702	7.03	ng/ul	0.00
70) Anthracene-d10	16.92	188	580232	16.65	ng/ul	0.00
76) Pyrene-d10	19.22	212	648661	19.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	552805	17.51	ng/ul	0.00

Target Compounds

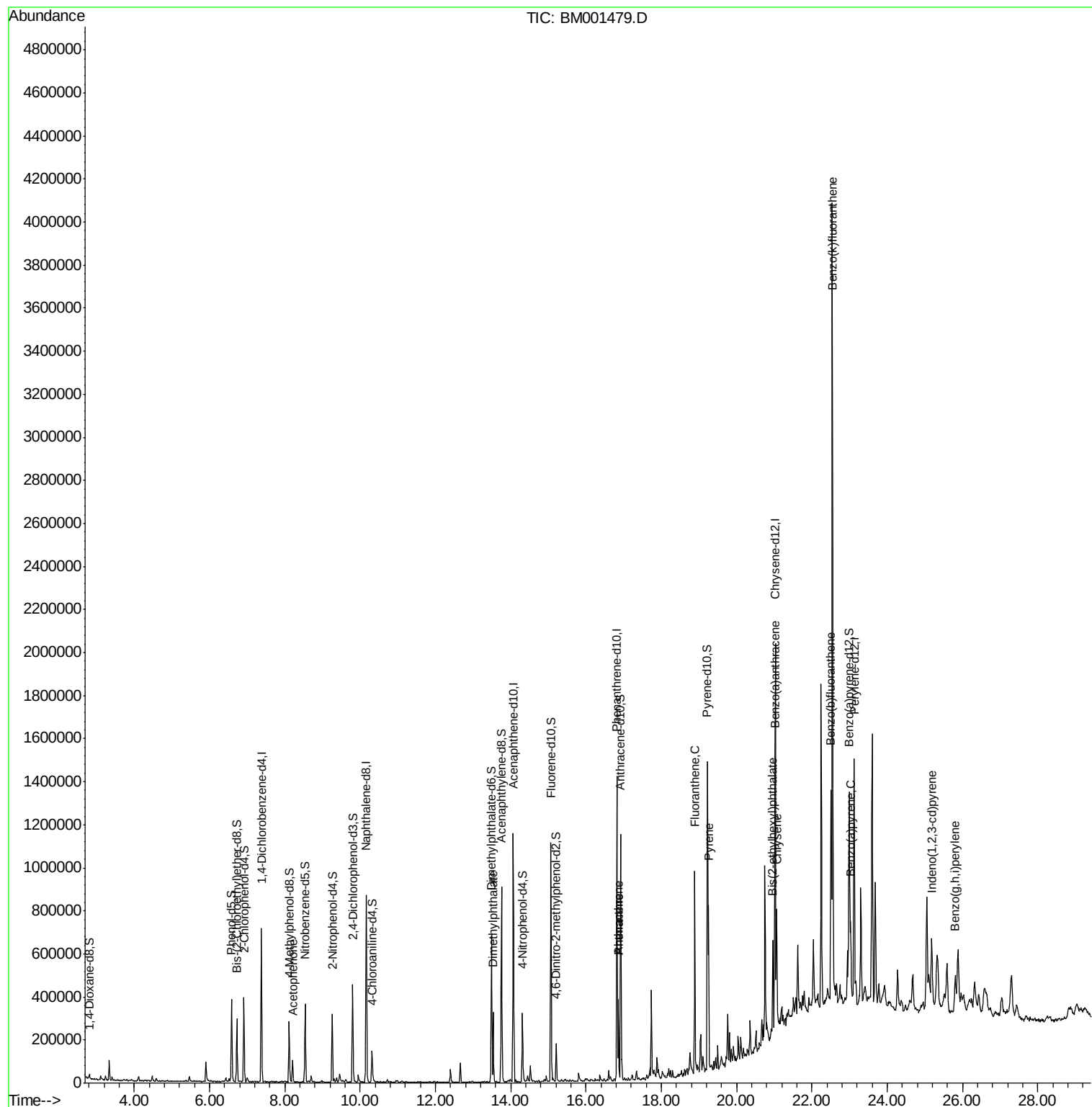
						Qvalue
14) Acetophenone	8.20	105	47104	2.69	ng/ul	98
44) Dimethylphthalate	13.53	163	193631	6.76	ng/ul	99
69) Phenanthrene	16.86	178	196868	4.68	ng/ul	99
71) Anthracene	16.86	178	196868	4.53	ng/ul	98
74) Fluoranthene	18.89	202	507153	9.95	ng/ul	99
77) Pyrene	19.25	202	423876	9.21	ng/ul	99
80) Benzo(a)anthracene	21.01	228	239246	5.32	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	20.96	149	146905	5.12	ng/ul#	98
82) Chrysene	21.06	228	225510	5.32	ng/ul	96
85) Benzo(b)fluoranthene	22.50	252	327147	7.48	ng/ul#	96
86) Benzo(k)fluoranthene	22.54	252	87132	2.08	ng/ul#	38
88) Benzo(a)pyrene	23.03	252	203880	4.97	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.17	276	137900	3.19	ng/ul#	93
91) Benzo(g,h,i)perylene	25.80	276	130796	3.67	ng/ul	98

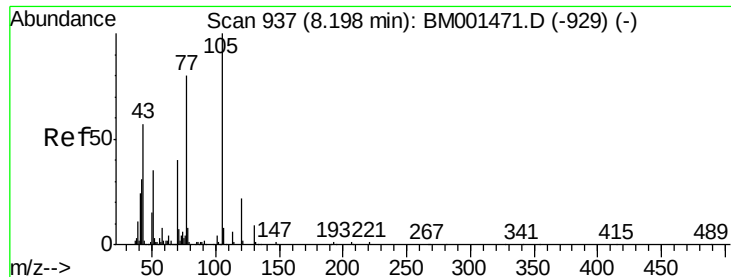
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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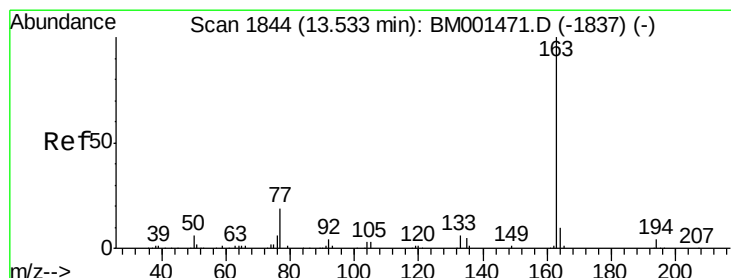
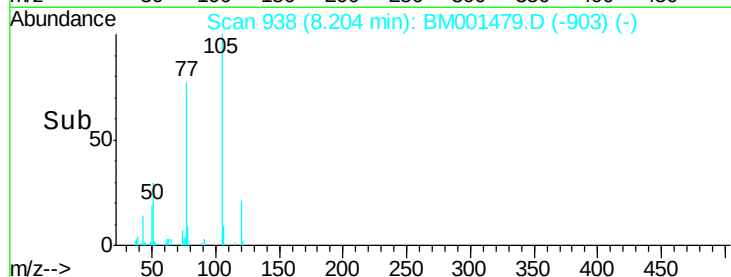
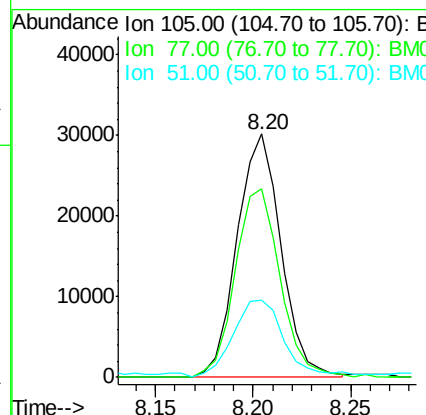
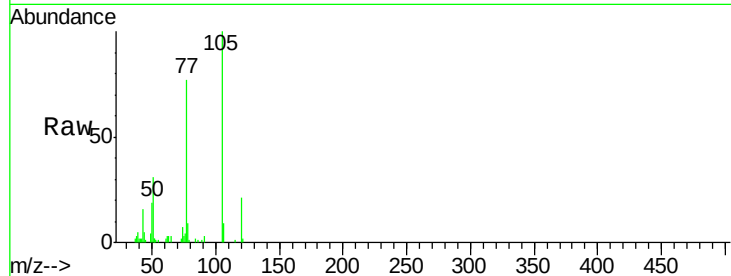




#14
Acetophenone
Concen: 2.69 ng/ul
RT: 8.20 min Scan# 938
Delta R.T. 0.01 min
Lab File: BM001479.D
Acq: 30 May 2015 17:36

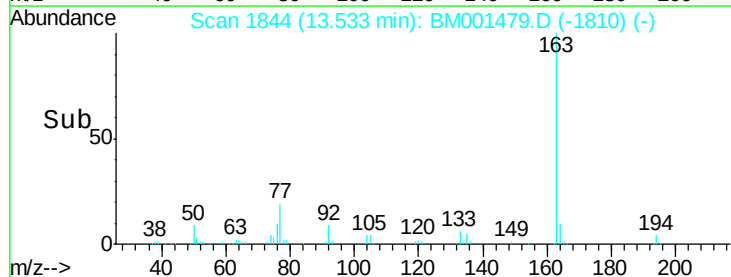
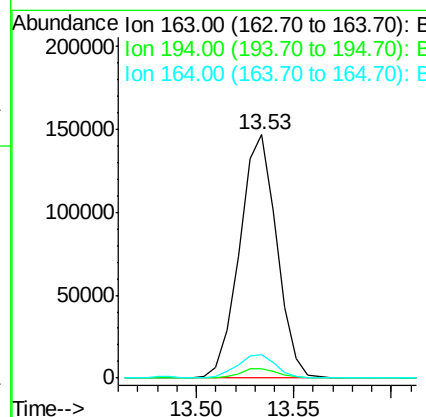
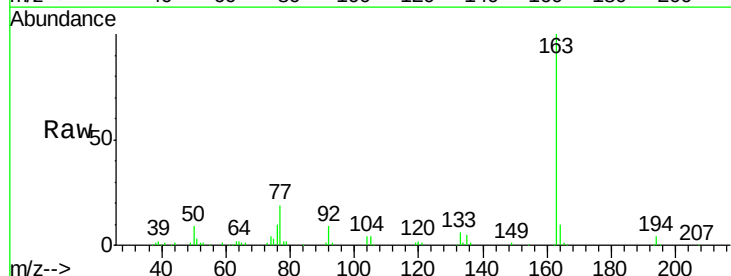
Instrument :
BNA_M
ClientSampleId :
BCRC3RE

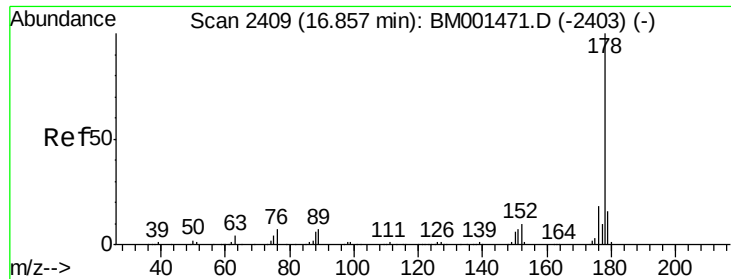
Tgt Ion	Ratio	Lower	Upper
105	100		
77	77.3	61.6	92.4
51	31.5	27.5	41.3



#44
Dimethylphthalate
Concen: 6.76 ng/ul
RT: 13.53 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BM001479.D
Acq: 30 May 2015 17:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.8	8.2	12.4





#69

Phenanthrene

Concen: 4.68 ng/ul

RT: 16.86 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BM001479.D

Acq: 30 May 2015 17:36

Instrument :

BNA_M

ClientSampleId :

BCRC3RE

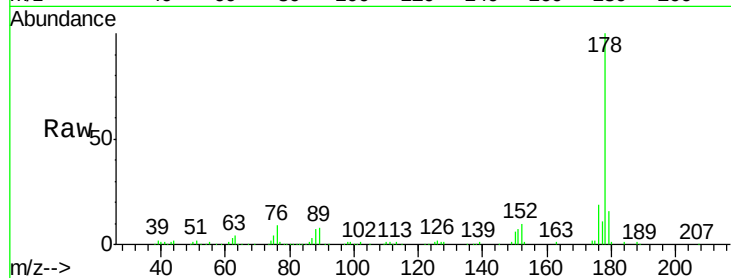
Tgt Ion:178 Resp: 196868

Ion Ratio Lower Upper

178 100

179 15.7 11.9 17.9

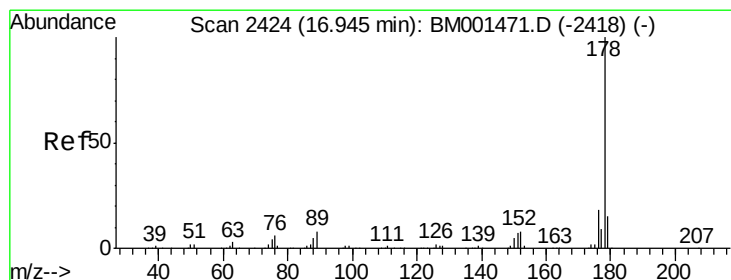
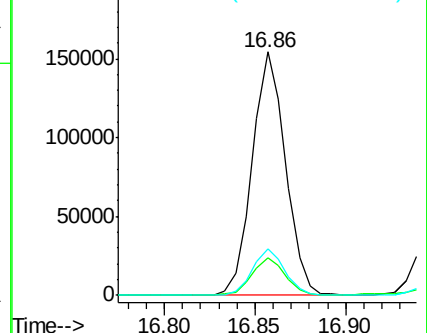
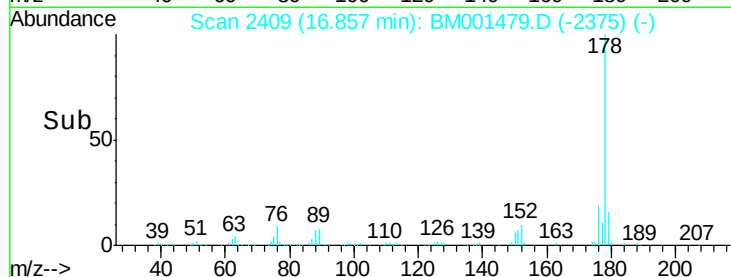
176 19.0 15.0 22.4



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: 4.53 ng/ul

RT: 16.86 min Scan# 2409

Delta R.T. -0.09 min

Lab File: BM001479.D

Acq: 30 May 2015 17:36

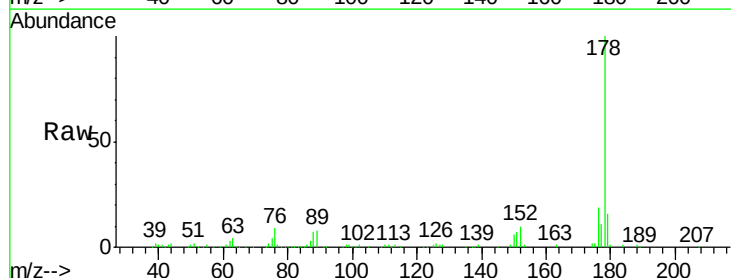
Tgt Ion:178 Resp: 196868

Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

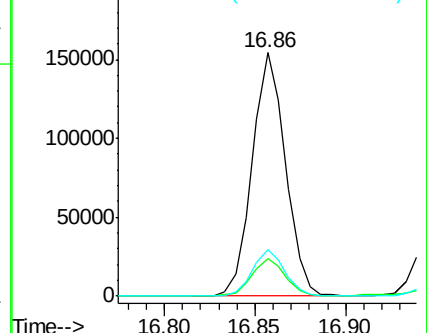
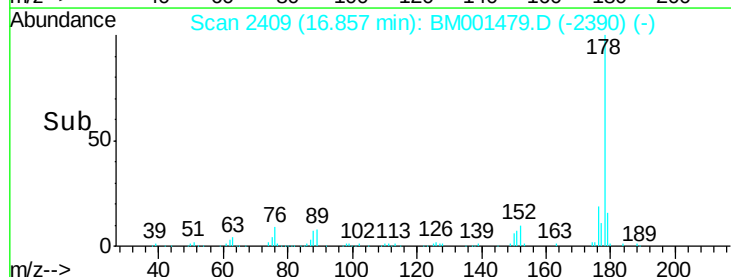
176 19.0 14.5 21.7

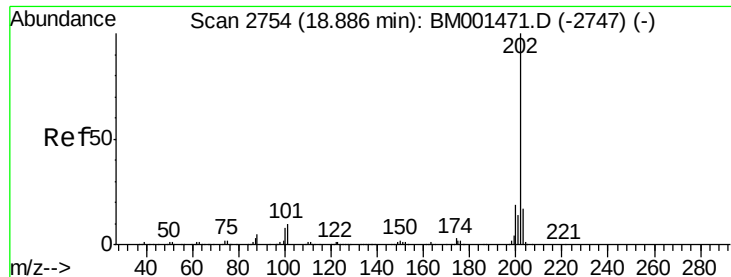


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 9.95 ng/ul

RT: 18.89 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BM001479.D

Acq: 30 May 2015 17:36

Instrument :

BNA_M

ClientSampleId :

BCRC3RE

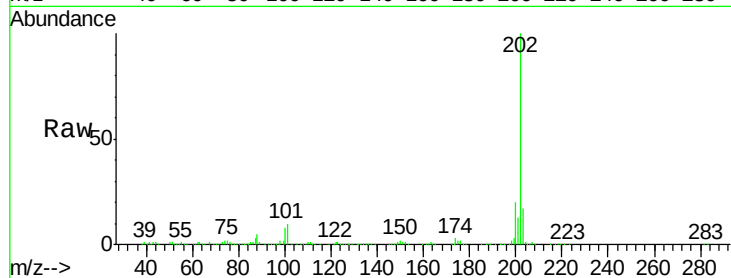
Tgt Ion:202 Resp: 507153

Ion Ratio Lower Upper

202 100

101 10.1 8.6 12.8

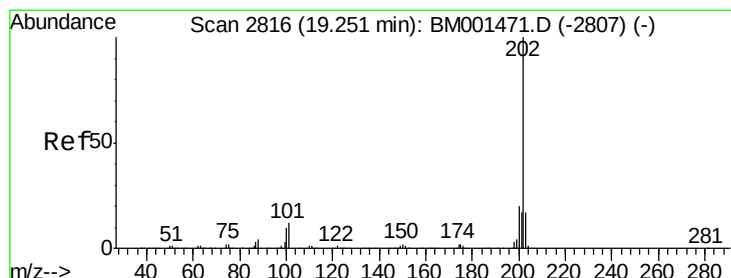
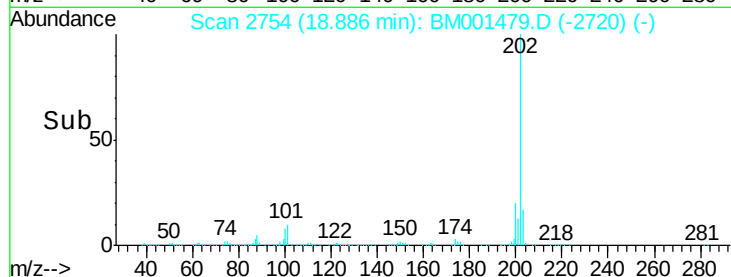
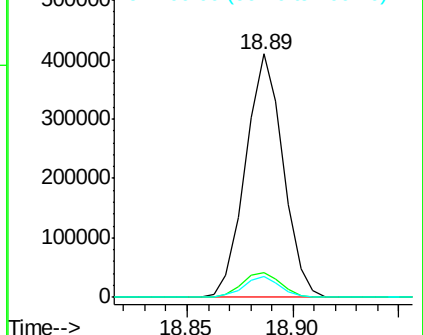
100 8.4 6.5 9.7



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: 9.21 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM001479.D

Acq: 30 May 2015 17:36

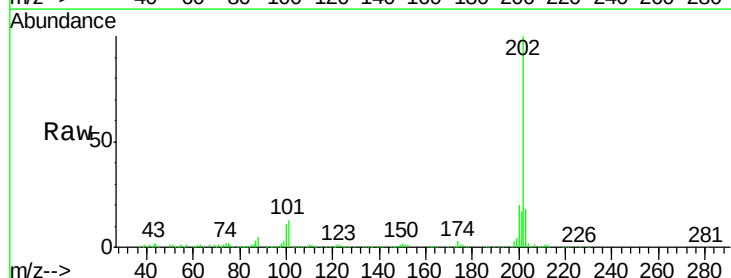
Tgt Ion:202 Resp: 423876

Ion Ratio Lower Upper

202 100

101 13.3 10.3 15.5

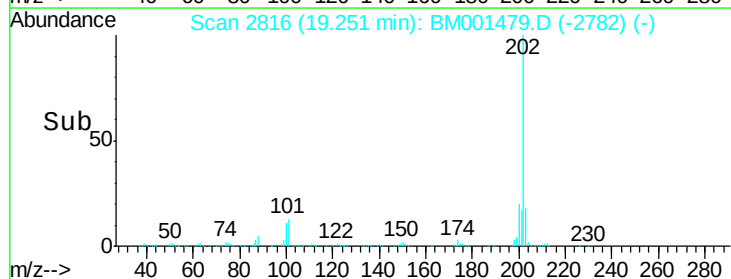
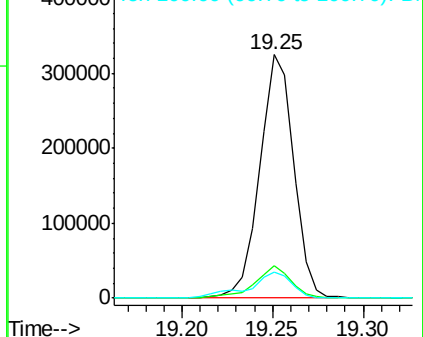
100 10.7 8.6 12.8

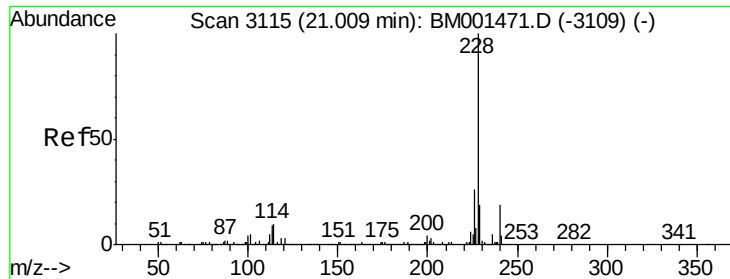


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 5.32 ng/ul

RT: 21.01 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM001479.D

Acq: 30 May 2015 17:36

Instrument :

BNA_M

ClientSampleId :

BCRC3RE

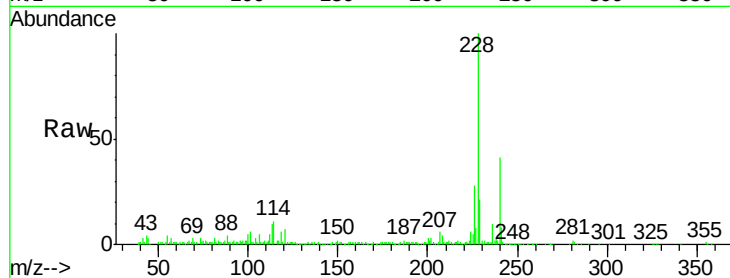
Tgt Ion:228 Resp: 239246

Ion Ratio Lower Upper

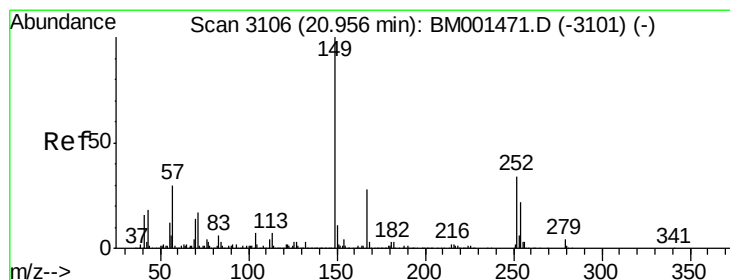
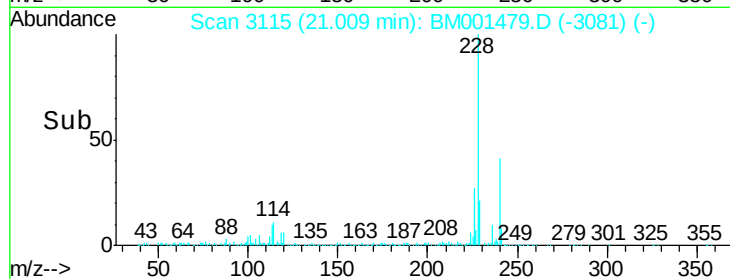
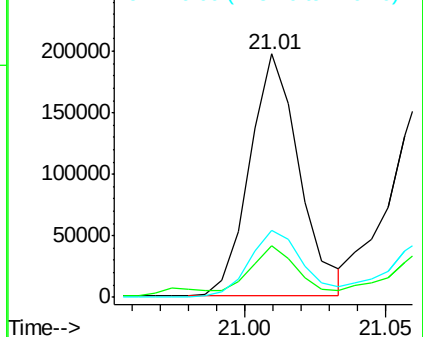
228 100

229 21.2 15.8 23.8

226 27.7 20.6 30.8



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 5.12 ng/ul

RT: 20.96 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BM001479.D

Acq: 30 May 2015 17:36

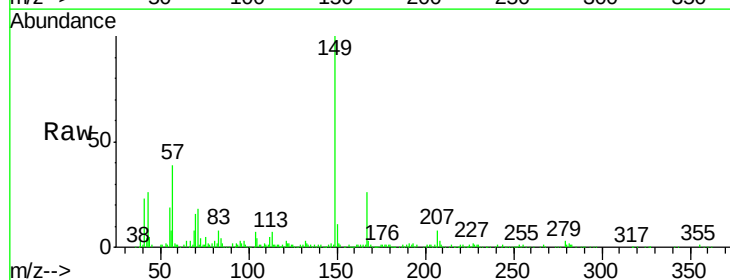
Tgt Ion:149 Resp: 146905

Ion Ratio Lower Upper

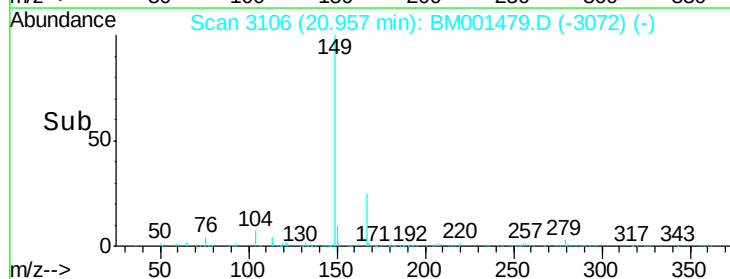
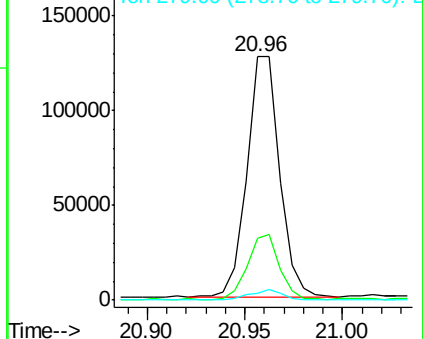
149 100

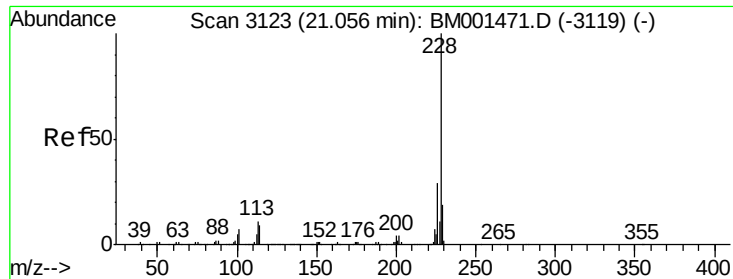
167 25.7 21.2 31.8

279 2.9 3.1 4.7#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 5.32 ng/ul

RT: 21.06 min Scan# 3124

Delta R.T. 0.01 min

Lab File: BM001479.D

Acq: 30 May 2015 17:36

Instrument :

BNA_M

ClientSampleId :

BCRC3RE

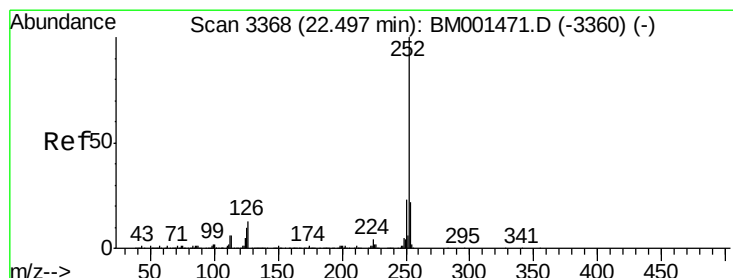
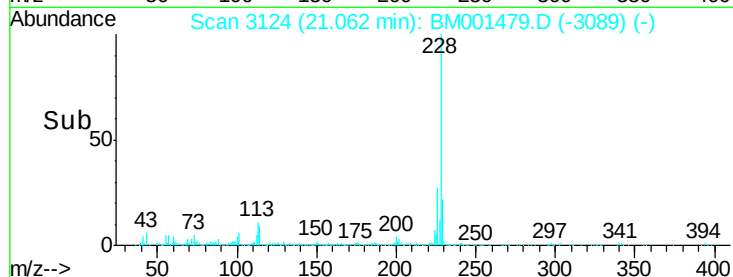
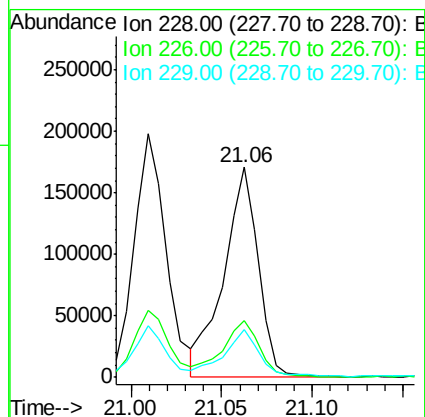
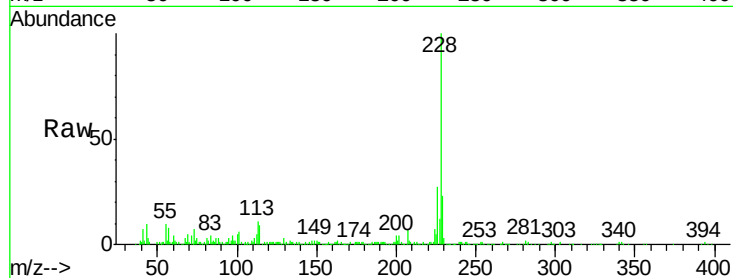
Tgt Ion:228 Resp: 225510

Ion Ratio Lower Upper

228 100

226 27.3 23.0 34.4

229 22.9 15.7 23.5



#85

Benzo(b)fluoranthene

Concen: 7.48 ng/ul

RT: 22.50 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BM001479.D

Acq: 30 May 2015 17:36

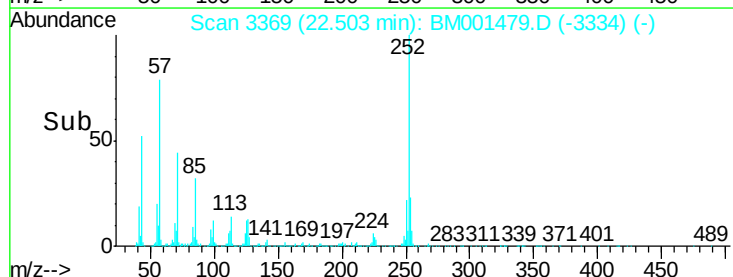
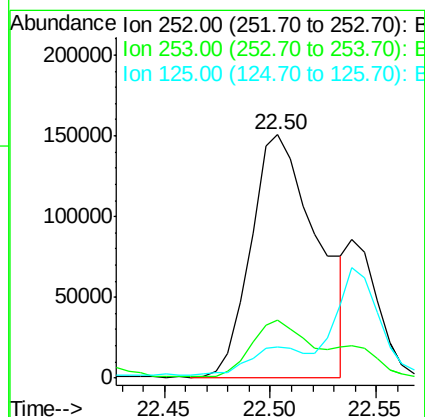
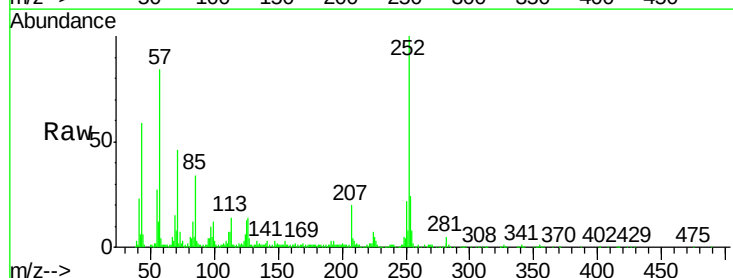
Tgt Ion:252 Resp: 327147

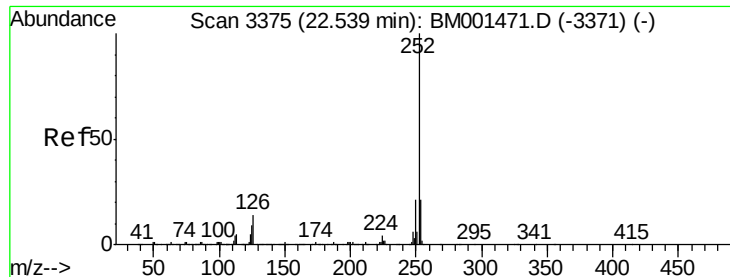
Ion Ratio Lower Upper

252 100

253 23.8 18.0 27.0

125 13.0 8.6 12.8#

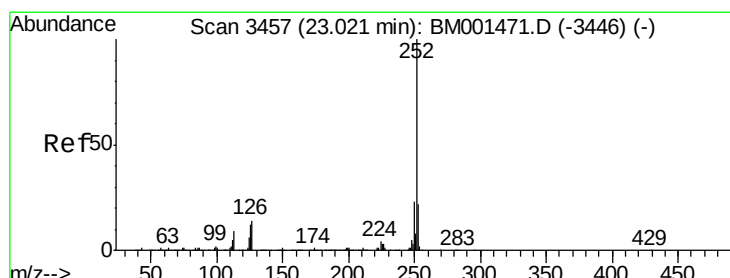
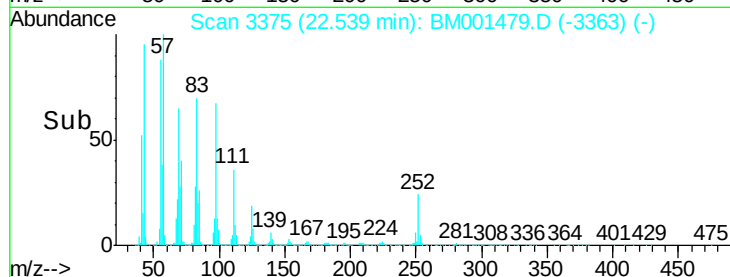
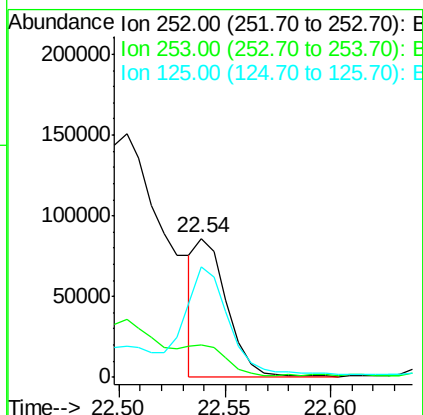
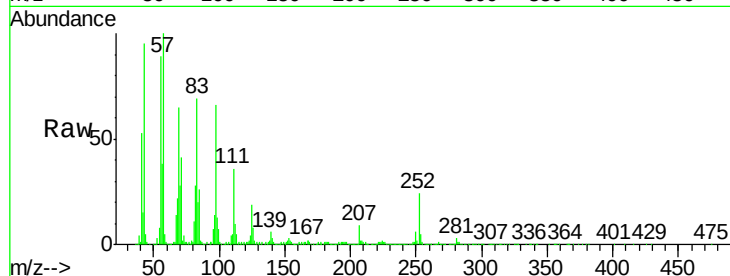




#86
Benzo(k)fluoranthene
Concen: 2.08 ng/ul
RT: 22.54 min Scan# 3375
Delta R.T. 0.00 min
Lab File: BM001479.D
Acq: 30 May 2015 17:36

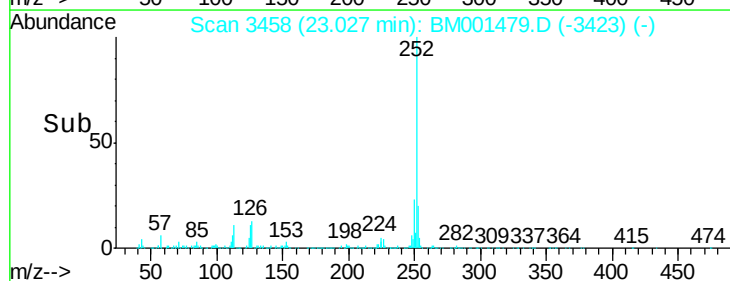
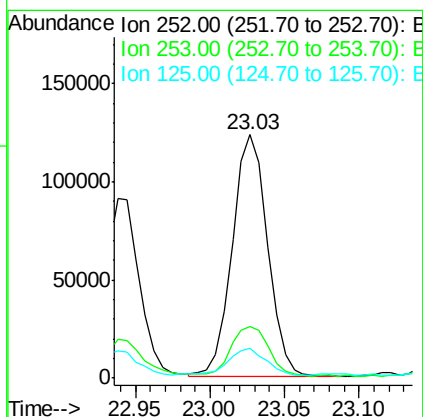
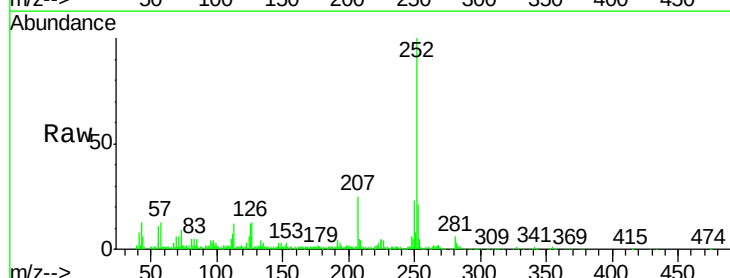
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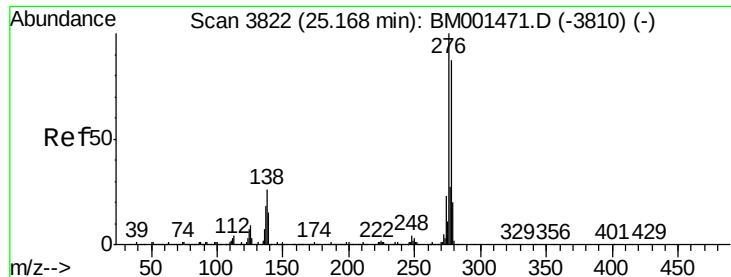
Tgt Ion:252 Resp: 87132
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 79.4 8.6 13.0#



#88
Benzo(a)pyrene
Concen: 4.97 ng/ul
RT: 23.03 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BM001479.D
Acq: 30 May 2015 17:36

Tgt Ion:252 Resp: 203880
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.4
125 12.0 8.8 13.2





#89

Indeno(1,2,3-cd)pyrene

Concen: 3.19 ng/ul

RT: 25.17 min Scan# 3822

Delta R.T. 0.00 min

Lab File: BM001479.D

Acq: 30 May 2015 17:36

Instrument :

BNA_M

ClientSampleId :

BCRC3RE

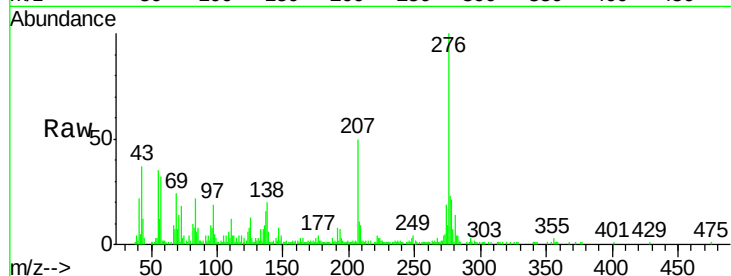
Tgt Ion:276 Resp: 137900

Ion Ratio Lower Upper

276 100

138 19.6 20.6 31.0#

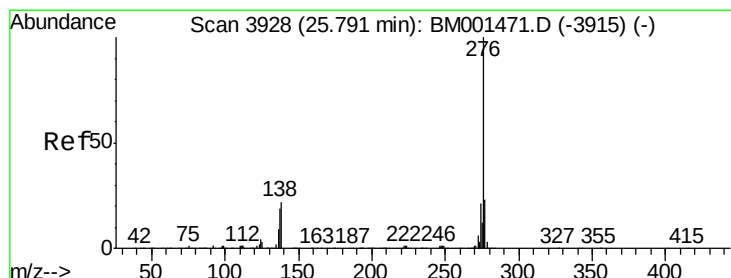
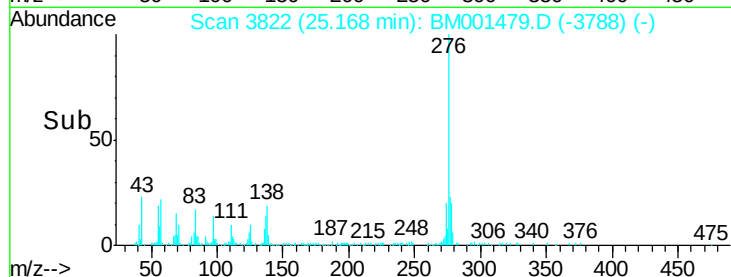
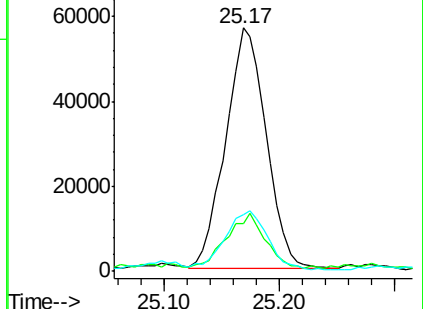
277 23.2 19.2 28.8



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



#91

Benzo(g,h,i)perylene

Concen: 3.67 ng/ul

RT: 25.80 min Scan# 3930

Delta R.T. 0.01 min

Lab File: BM001479.D

Acq: 30 May 2015 17:36

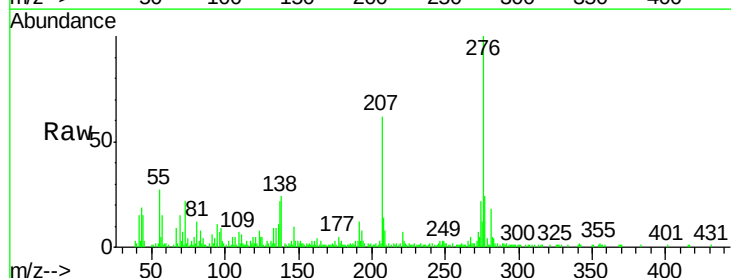
Tgt Ion:276 Resp: 130796

Ion Ratio Lower Upper

276 100

138 23.6 17.9 26.9

277 23.9 19.7 29.5



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

