

Data File : BM013466.D
Acq On : 16 Dec 2017 07:37
Operator : SJ/JU
Sample : I6776-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A42

Quant Time: Dec 18 00:28:14 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	298467	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1309725	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	747514	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1651166	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1403774	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1117170	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.22	96	23094	3.83	ng/uL	0.00
5) Phenol-d5	6.85	99	617617	23.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	341923	23.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	477765	23.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	498294	22.59	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	258200	24.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	277837	24.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	518728	22.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	407264	19.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1624500	24.42	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	2023323	24.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	236807	20.49	ng/ul	0.00
57) Fluorene-d10	15.32	176	1360797	23.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	183535	17.67	ng/ul	0.00
70) Anthracene-d10	17.17	188	2067395	25.00	ng/ul	0.00
76) Pyrene-d10	19.46	212	2162715	30.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1454378	25.56	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.88	94	119746	4.69	ng/ul#	85
44) Dimethylphthalate	13.78	163	330514	5.19	ng/ul	99
47) Acenaphthylene	14.04	152	355438	4.68	ng/ul	96
69) Phenanthrene	17.11	178	293117	3.12	ng/ul	97
71) Anthracene	17.20	178	551889	5.76	ng/ul	98
74) Fluoranthene	19.13	202	529739	4.61	ng/ul#	92
80) Benzo(a)anthracene	21.24	228	270155	3.03	ng/ul	92
82) Chrysene	21.29	228	270851	3.28	ng/ul	96
85) Benzo(b)fluoranthene	22.81	252	798330	10.60	ng/ul#	96
86) Benzo(k)fluoranthene	22.81	252	798330	11.26	ng/ul#	97
88) Benzo(a)pyrene	23.38	252	279288	4.13	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.71	276	416450	6.20	ng/ul#	96
91) Benzo(g,h,i)perylene	26.39	276	331628	6.26	ng/ul#	96

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

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ALS Vial : 23 Sample Multiplier: 1

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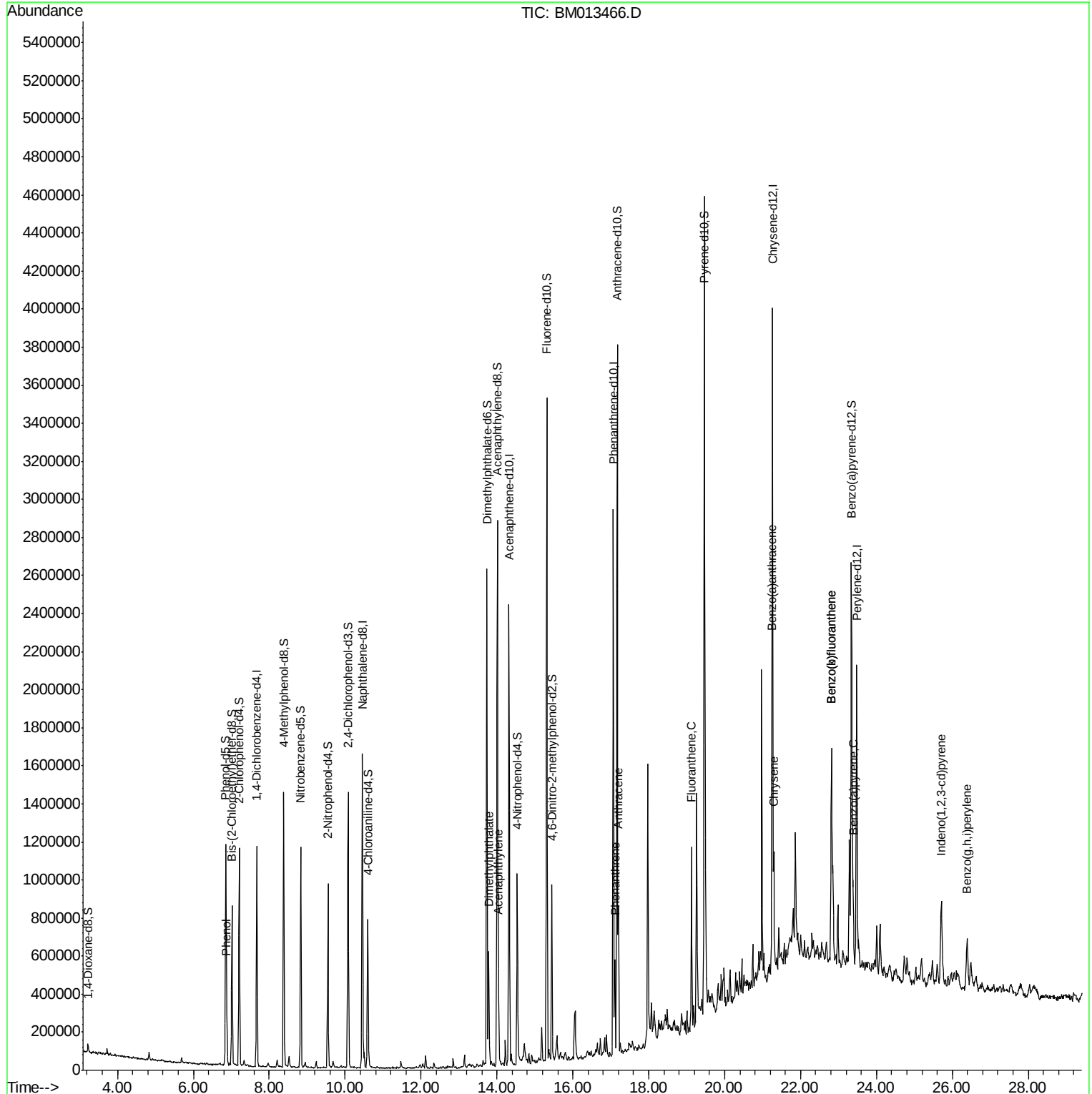
Quant Time: Dec 18 00:28:14 2017

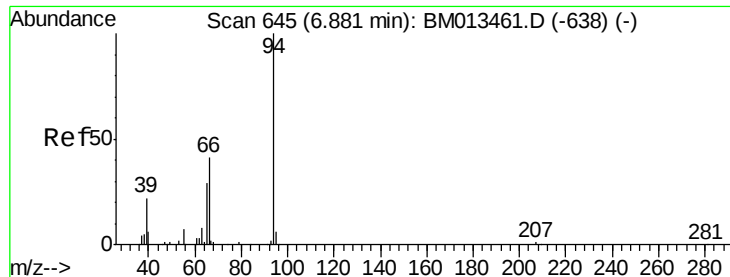
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration





#6

Phenol

Concen: 4.69 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM013466.D

Acq: 16 Dec 2017 07:37

Instrument :

BNA_M

ClientSampleId :

F9A42

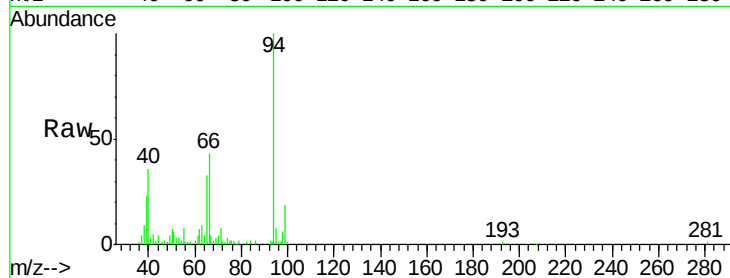
Tgt Ion: 94 Resp: 119746

Ion Ratio Lower Upper

94 100

65 32.5 28.2 42.4

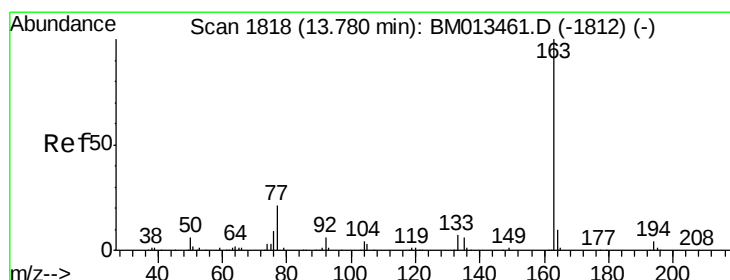
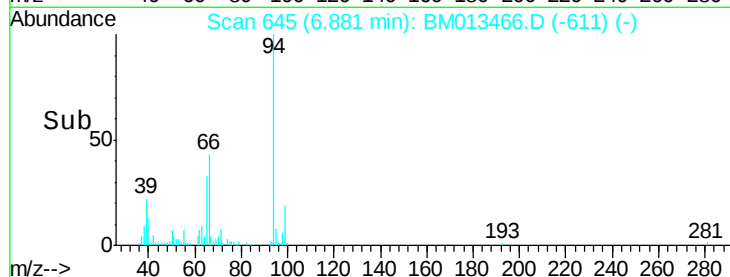
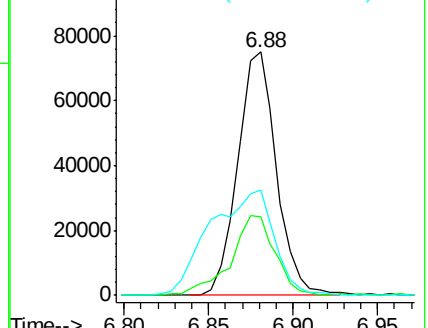
66 43.4 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013466.D (-611) (-)

Ion 65.00 (64.70 to 65.70): BM013466.D (-611) (-)

Ion 66.00 (65.70 to 66.70): BM013466.D (-611) (-)



#44

Dimethylphthalate

Concen: 5.19 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM013466.D

Acq: 16 Dec 2017 07:37

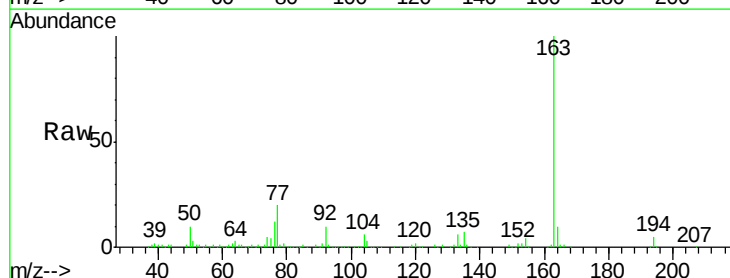
Tgt Ion: 163 Resp: 330514

Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

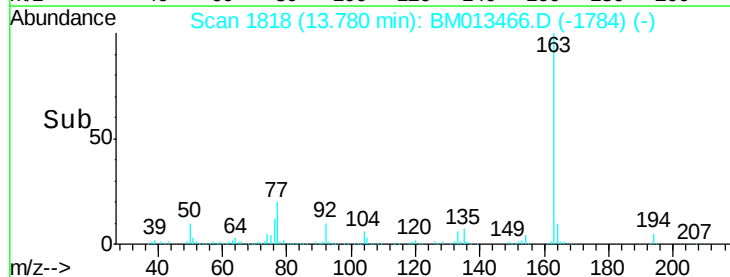
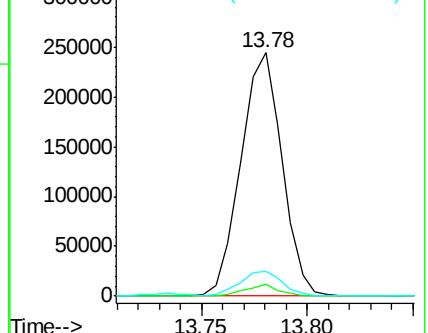
164 9.9 8.2 12.4

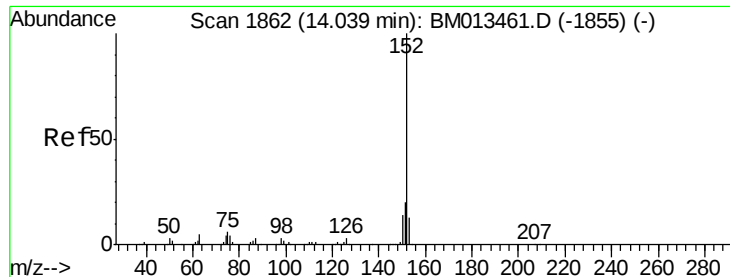


Abundance Ion 163.00 (162.70 to 163.70): BM013466.D (-1784) (-)

Ion 194.00 (193.70 to 194.70): BM013466.D (-1784) (-)

Ion 164.00 (163.70 to 164.70): BM013466.D (-1784) (-)





#47

Acenaphthylene

Concen: 4.68 ng/ul

RT: 14.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BM013466.D

Acq: 16 Dec 2017 07:37

Instrument :

BNA_M

ClientSampleId :

F9A42

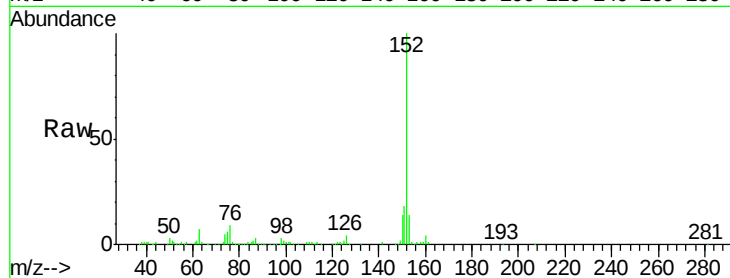
Tgt Ion:152 Resp: 355438

Ion Ratio Lower Upper

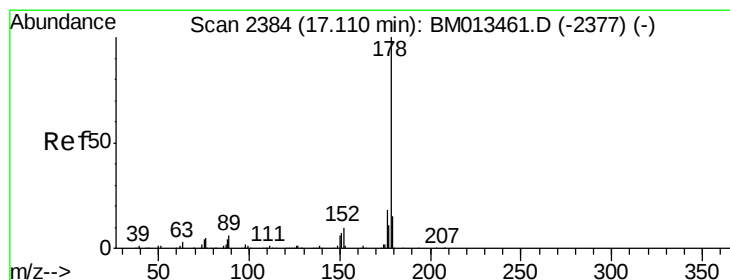
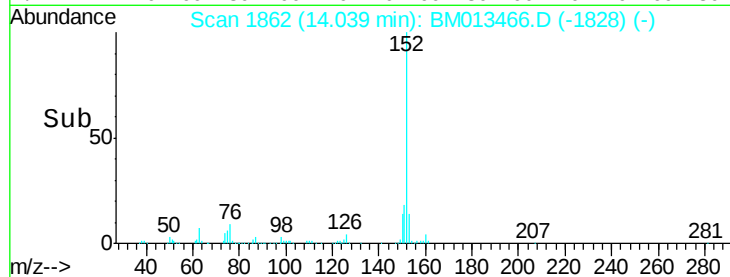
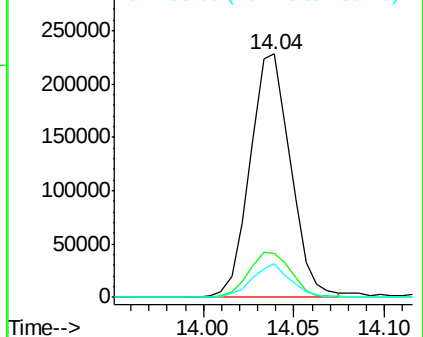
152 100

151 18.0 16.3 24.5

153 13.6 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: 3.12 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BM013466.D

Acq: 16 Dec 2017 07:37

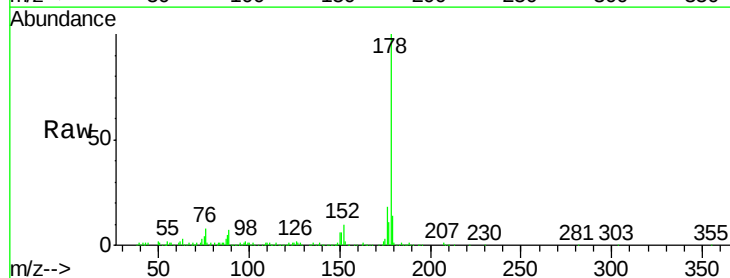
Tgt Ion:178 Resp: 293117

Ion Ratio Lower Upper

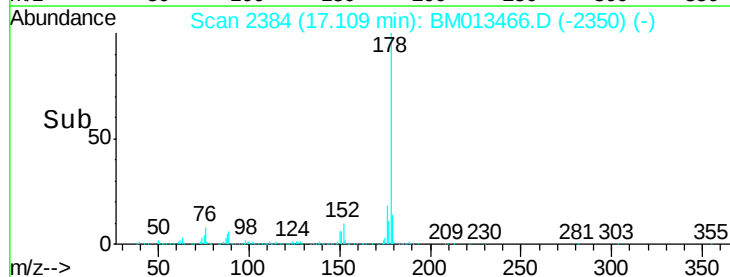
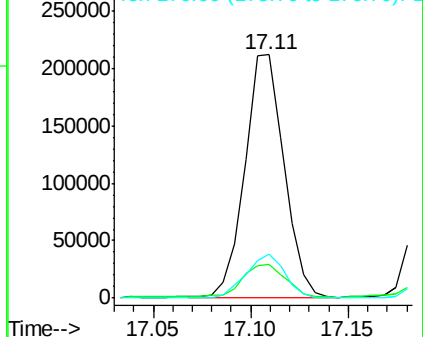
178 100

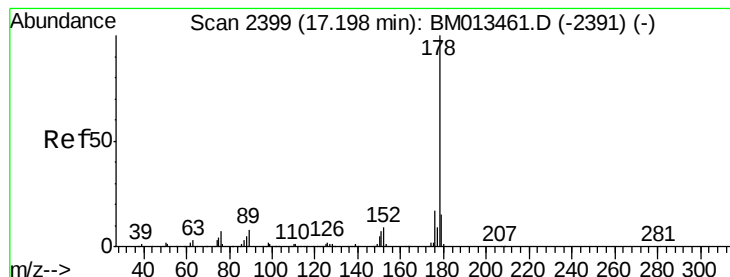
179 13.9 12.6 19.0

176 18.2 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: 5.76 ng/ul

RT: 17.20 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM013466.D

Acq: 16 Dec 2017 07:37

Instrument :

BNA_M

ClientSampleId :

F9A42

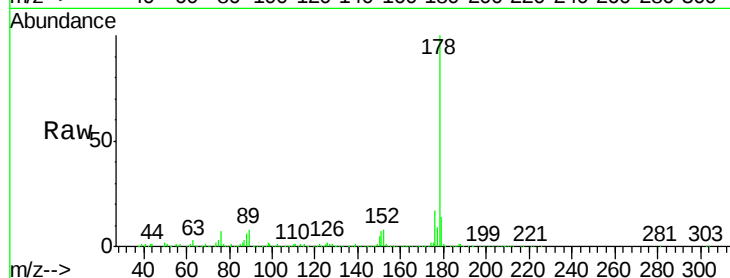
Tgt Ion:178 Resp: 551889

Ion Ratio Lower Upper

178 100

179 14.1 11.7 17.5

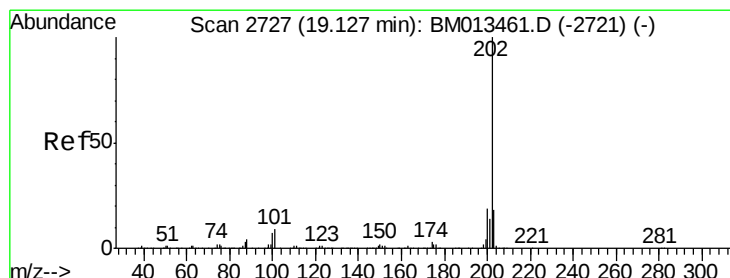
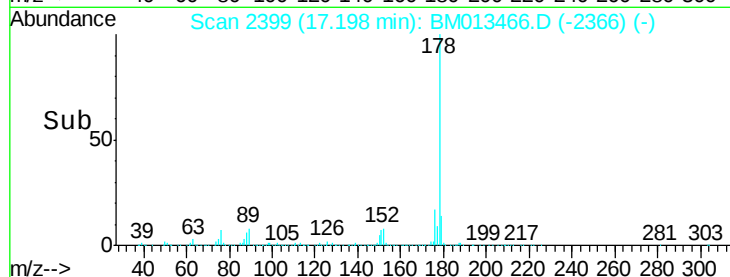
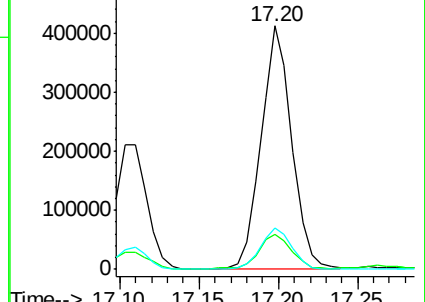
176 16.9 14.6 21.8



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: 4.61 ng/ul

RT: 19.13 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM013466.D

Acq: 16 Dec 2017 07:37

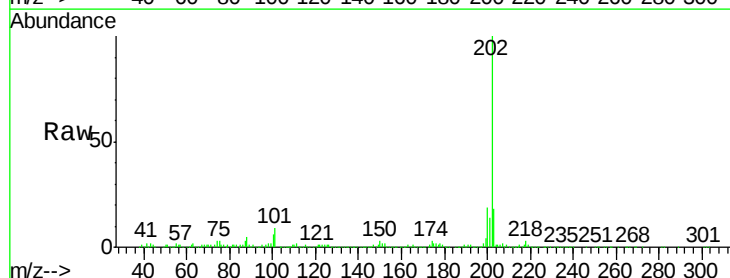
Tgt Ion:202 Resp: 529739

Ion Ratio Lower Upper

202 100

101 8.8 4.6 7.0#

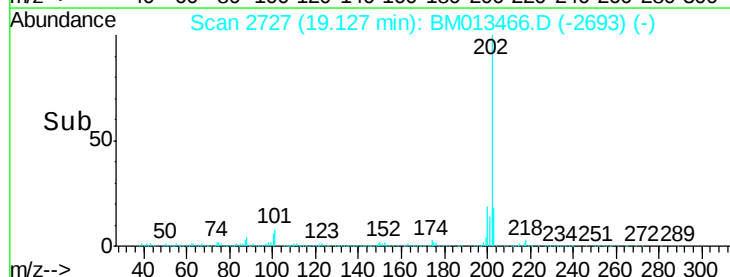
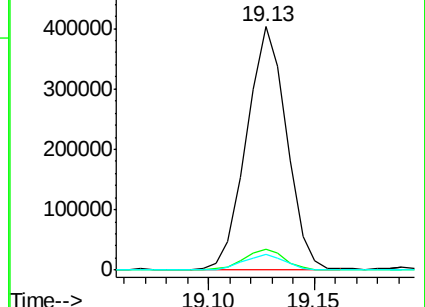
100 6.3 3.4 5.2#

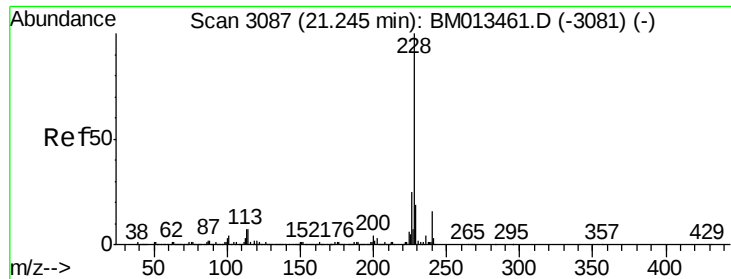


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 3.03 ng/ul

RT: 21.24 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM013466.D

Acq: 16 Dec 2017 07:37

Instrument :

BNA_M

ClientSampled :

F9A42

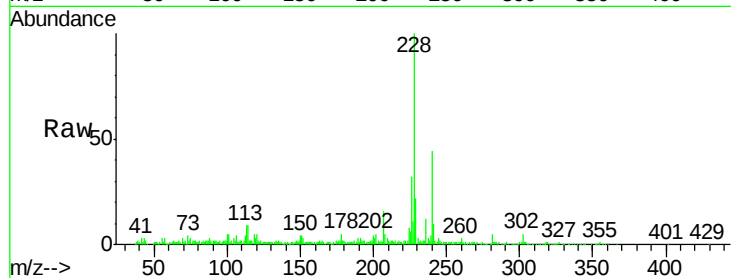
Tgt Ion:228 Resp: 270155

Ion Ratio Lower Upper

228 100

229 21.9 15.4 23.0

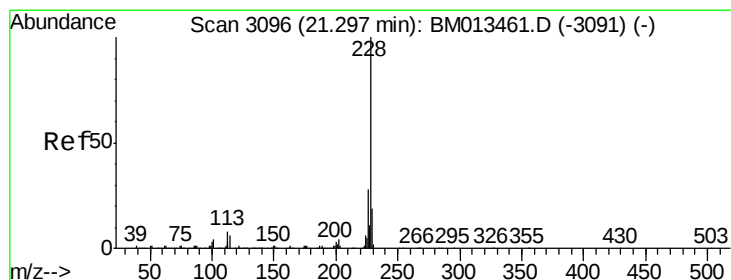
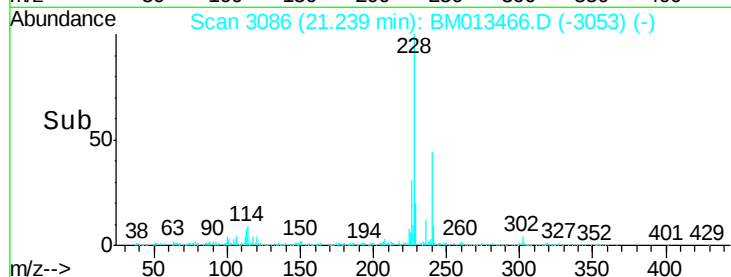
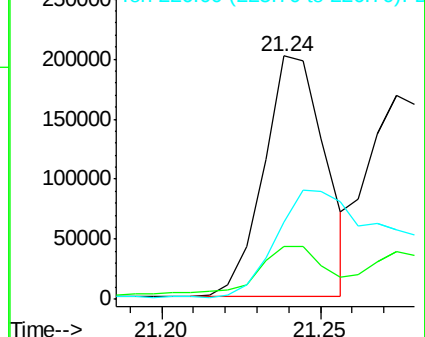
226 31.6 21.4 32.0



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



#82

Chrysene

Concen: 3.28 ng/ul

RT: 21.29 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM013466.D

Acq: 16 Dec 2017 07:37

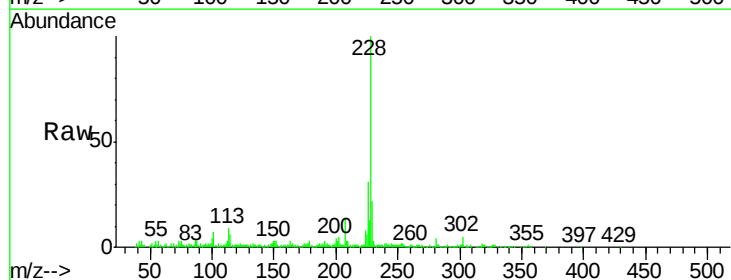
Tgt Ion:228 Resp: 270851

Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.2

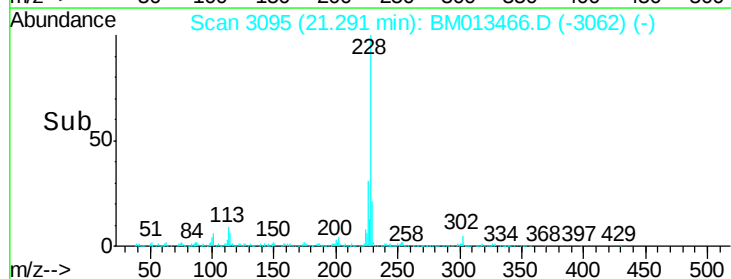
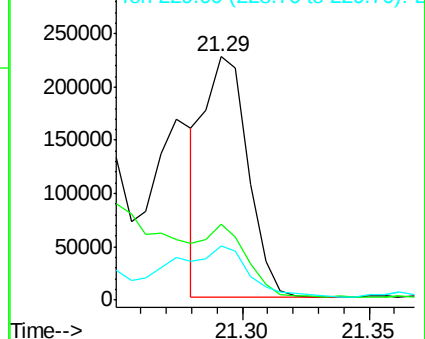
229 22.0 15.5 23.3

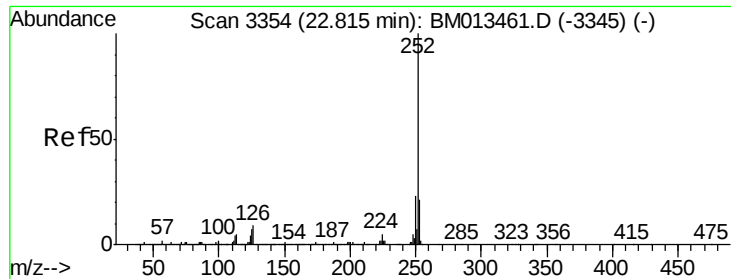


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 10.60 ng/ul

RT: 22.81 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BM013466.D

Acq: 16 Dec 2017 07:37

Instrument :

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ClientSampleId :

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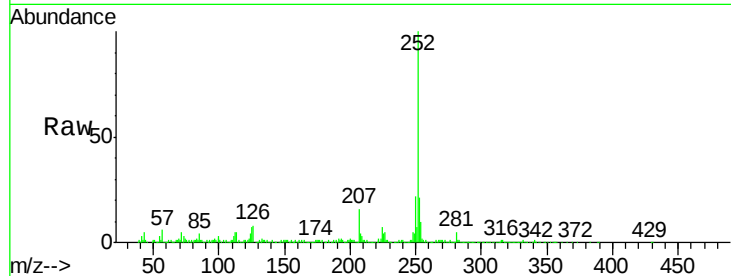
Tgt Ion:252 Resp: 798330

Ion Ratio Lower Upper

252 100

253 20.7 17.9 26.9

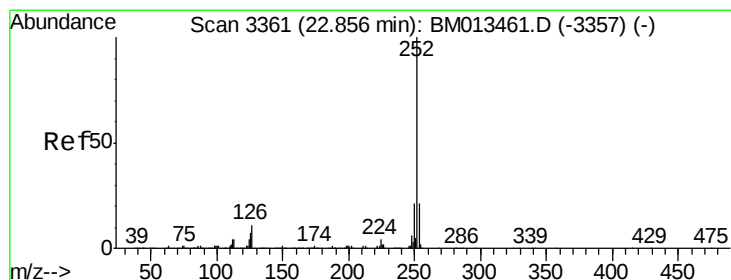
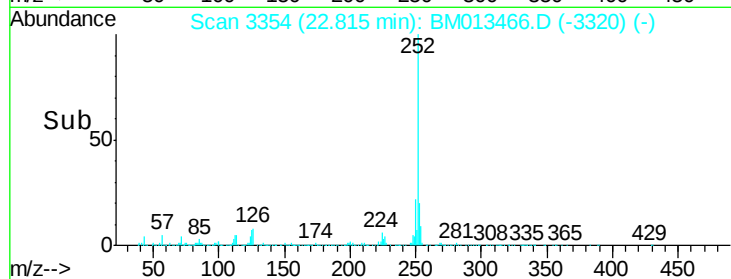
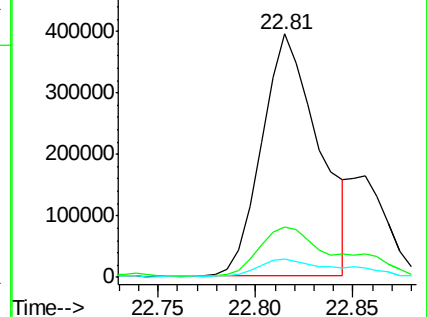
125 7.5 3.6 5.4#



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



#86

Benzo(k)fluoranthene

Concen: 11.26 ng/ul

RT: 22.81 min Scan# 3354

Delta R.T. -0.04 min

Lab File: BM013466.D

Acq: 16 Dec 2017 07:37

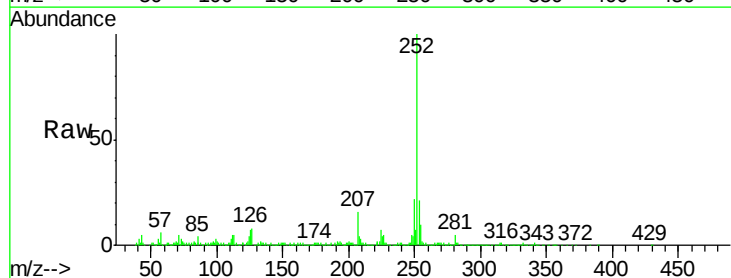
Tgt Ion:252 Resp: 798330

Ion Ratio Lower Upper

252 100

253 20.7 17.1 25.7

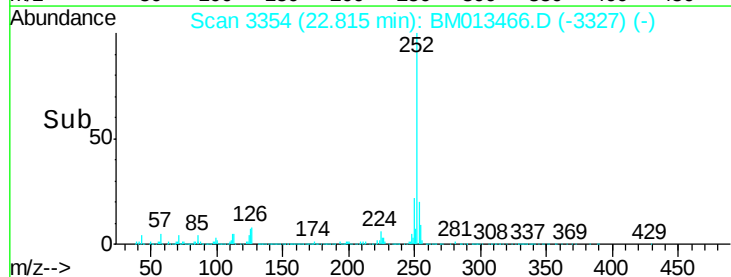
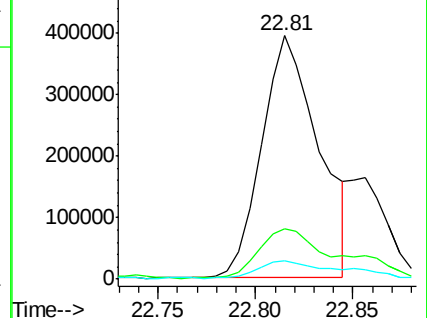
125 7.5 3.4 5.2#

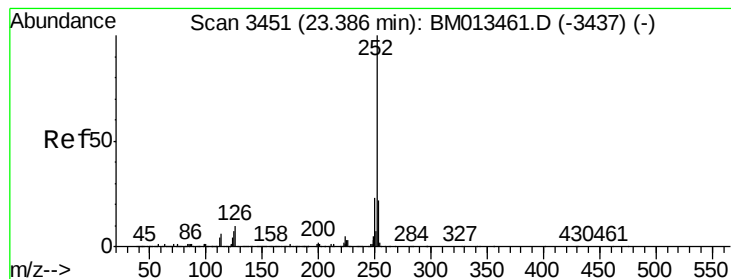


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 4.13 ng/ul

RT: 23.38 min Scan# 3450

Delta R.T. -0.01 min

Lab File: BM013466.D

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Instrument :

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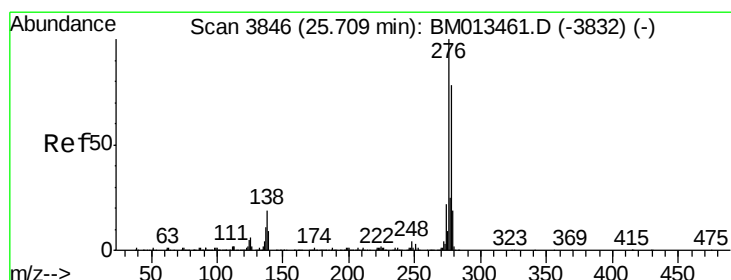
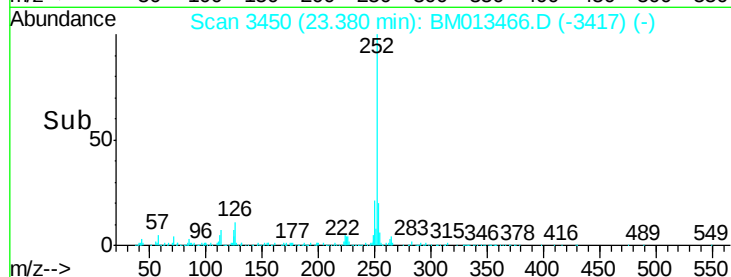
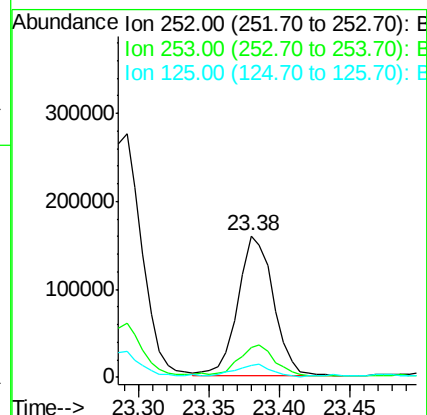
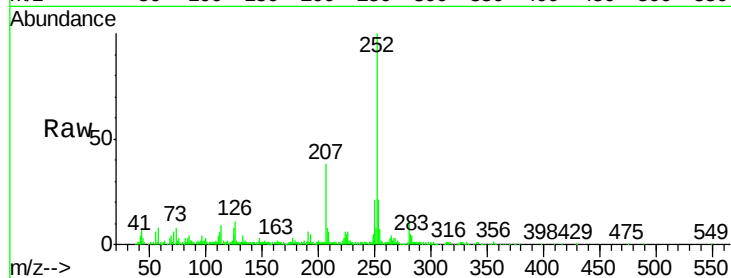
Tgt Ion:252 Resp: 279288

Ion Ratio Lower Upper

252 100

253 21.2 18.2 27.2

125 8.4 4.0 6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 6.20 ng/ul

RT: 25.71 min Scan# 3846

Delta R.T. -0.00 min

Lab File: BM013466.D

Acq: 16 Dec 2017 07:37

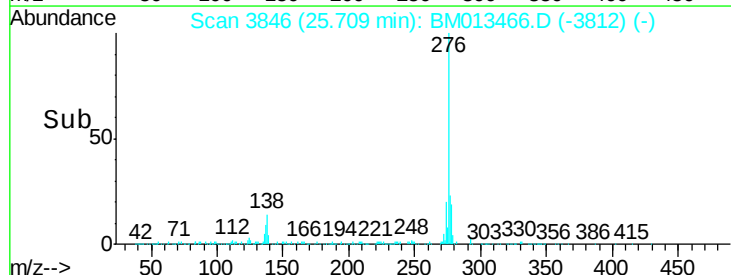
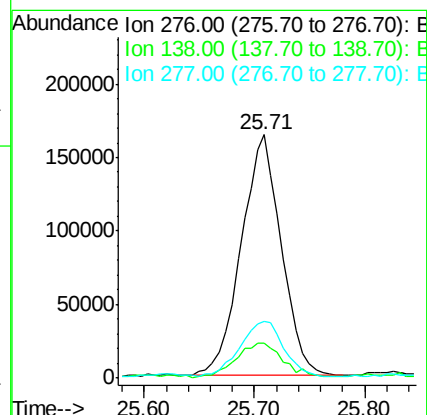
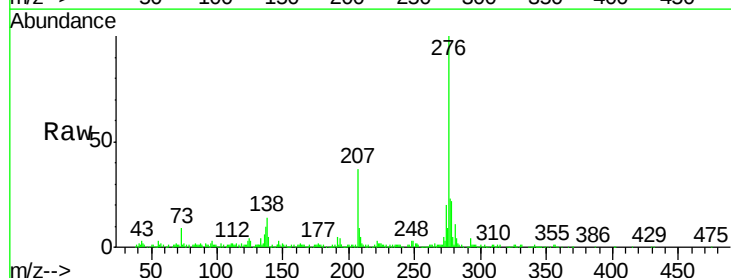
Tgt Ion:276 Resp: 416450

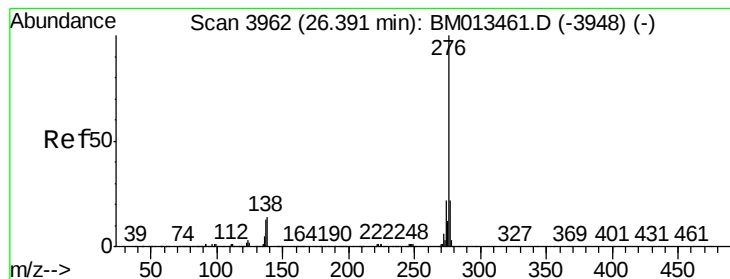
Ion Ratio Lower Upper

276 100

138 14.2 9.3 13.9#

277 23.2 19.9 29.9





#91

Benzo(g,h,i)perylene

Concen: 6.26 ng/ul

RT: 26.39 min Scan# 3961

Delta R.T. -0.01 min

Lab File: BM013466.D

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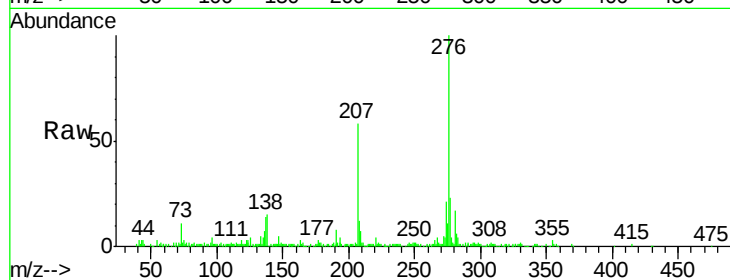
Tgt Ion: 276 Resp: 331628

Ion Ratio Lower Upper

276 100

138 15.3 8.5 12.7#

277 23.1 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

150000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

