

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012387.D
 Acq On : 22 Oct 2017 08:43
 Operator : SJ/JU
 Sample : I5701-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 08:36:13 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 08:22:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	310120	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1365674	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	844433	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1936575	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1696069	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1356073	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	17081	2.62	ng/uL	0.00
5) Phenol-d5	6.94	99	378550	15.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	250996	16.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	350008	16.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	342664	15.82	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	166548	15.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	204981	16.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	378280	16.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	413286	18.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1321039	17.70	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1560079	17.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	101385	9.04	ng/ul	0.02
57) Fluorene-d10	15.41	176	1109000	18.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	141717	10.66	ng/ul	0.00
70) Anthracene-d10	17.27	188	1662311	17.36	ng/ul	0.00
76) Pyrene-d10	19.57	212	1806527	20.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1118453	17.11	ng/ul	0.00

Target Compounds

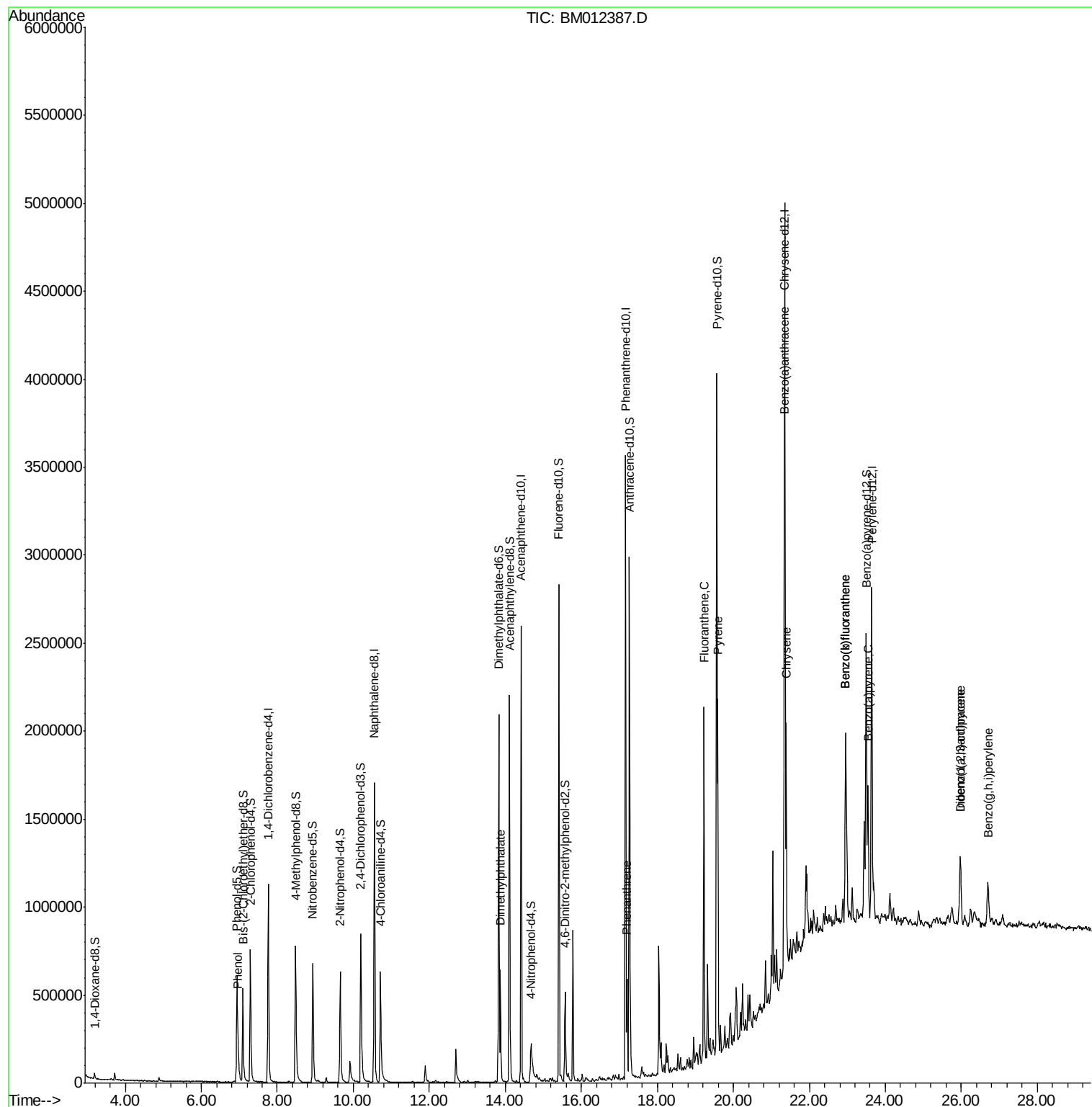
					Ovalue	
6) Phenol	6.97	94	74457	2.862	ng/ul#	87
44) Dimethylphthalate	13.87	163	411872	5.508	ng/ul	99
69) Phenanthrene	17.21	178	304103	2.760	ng/ul	100
74) Fluoranthene	19.23	202	1177654	8.858	ng/ul	98
77) Pyrene	19.59	202	1175696	10.496	ng/ul	96
80) Benzo(a)anthracene	21.34	228	829269	7.514	ng/ul	99
82) Chrysene	21.39	228	748508	7.224	ng/ul	97
85) Benzo(b)fluoranthene	22.95	252	916223	10.353	ng/ul#	96
86) Benzo(k)fluoranthene	22.95	252	916223	10.744	ng/ul#	97
88) Benzo(a)pyrene	23.54	252	549421	6.587	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.98	276	391688	4.422	ng/ul	95
90) Dibenzo(a,h)anthracene	25.97	278	113245	1.521	ng/ul#	83
91) Benzo(g,h,i)perylene	26.70	276	303282	4.181	ng/ul	96

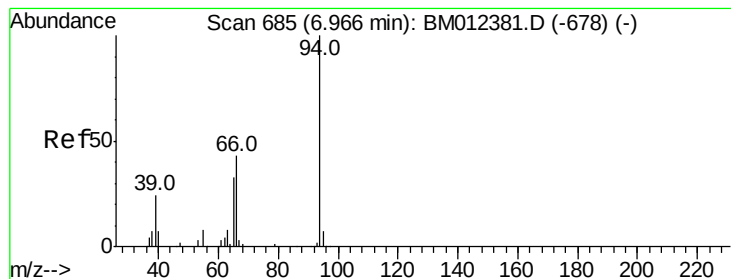
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 2.862 ng/ul

RT: 6.97 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM012387.D

Acq: 22 Oct 2017 08:43

Instrument :

BNA_M

ClientSampleId :

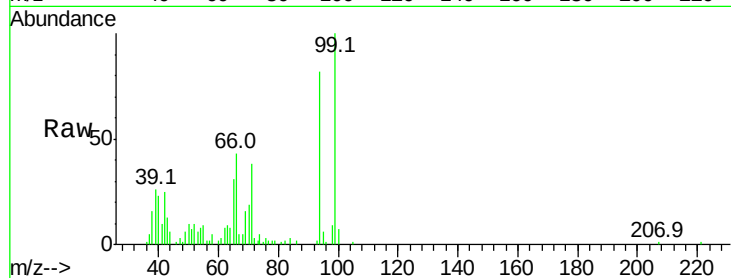
Tot Ion: 94 Resp: 74457

Ion Ratio Lower Upper

94 100

65 37.3 24.4 36.6#

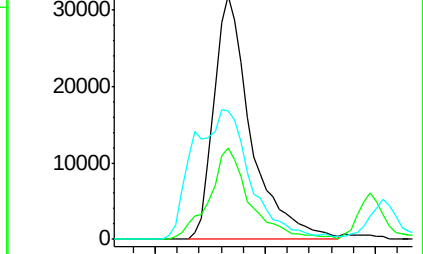
66 52.7 35.0 52.4#



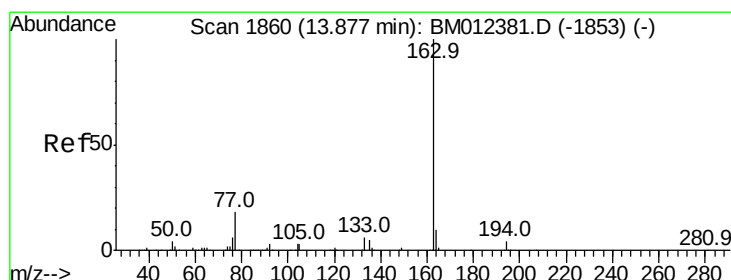
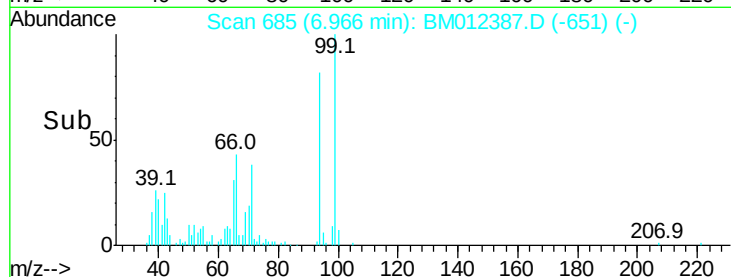
Abundance Ion 94.00 (93.70 to 94.70): BM012387.D (-678) (-)

Ion 65.00 (64.70 to 65.70): BM012387.D (-678) (-)

Ion 66.00 (65.70 to 66.70): BM012387.D (-678) (-)



Time-->



#44

Dimethylphthalate

Concen: 5.508 ng/ul

RT: 13.87 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM012387.D

Acq: 22 Oct 2017 08:43

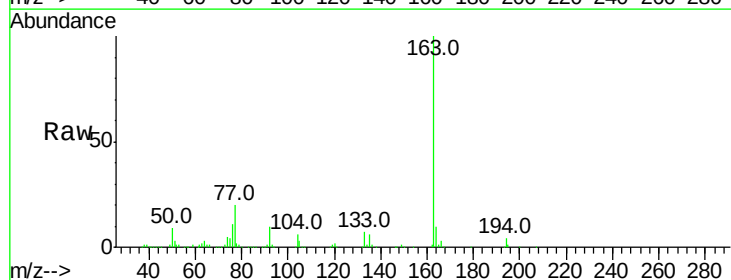
Tgt Ion:163 Resp: 411872

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

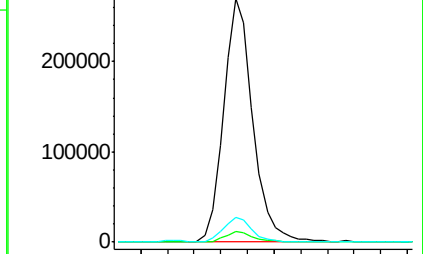
164 10.2 8.1 12.1



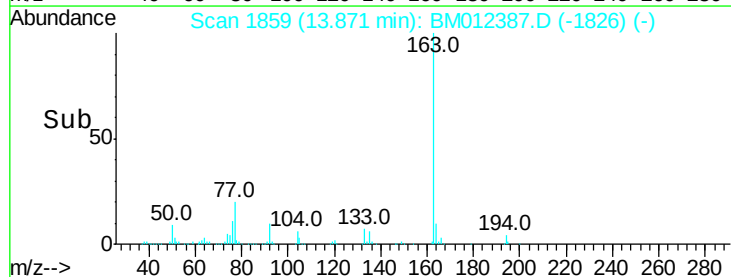
Abundance Ion 163.00 (162.70 to 163.70): BM012387.D (-1826) (-)

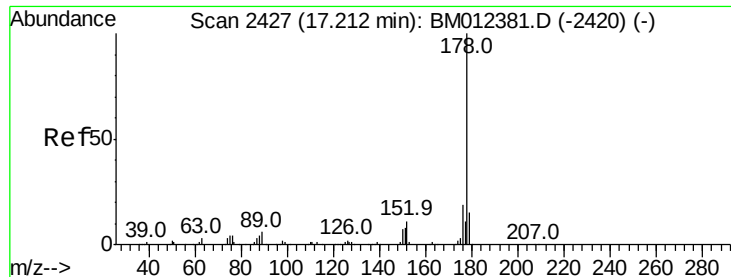
Ion 194.00 (193.70 to 194.70): BM012387.D (-1826) (-)

Ion 164.00 (163.70 to 164.70): BM012387.D (-1826) (-)



Time-->





#69

Phenanthrene

Concen: 2.760 ng/ul

RT: 17.21 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BM012387.D

Acq: 22 Oct 2017 08:43

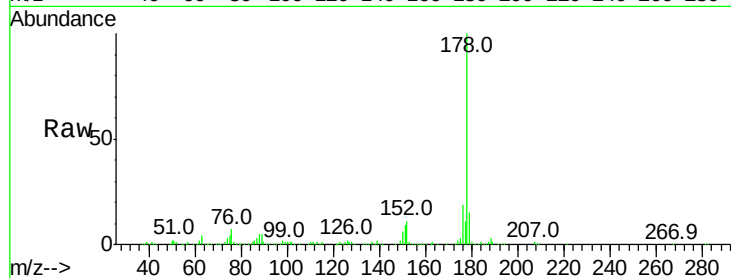
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 304103

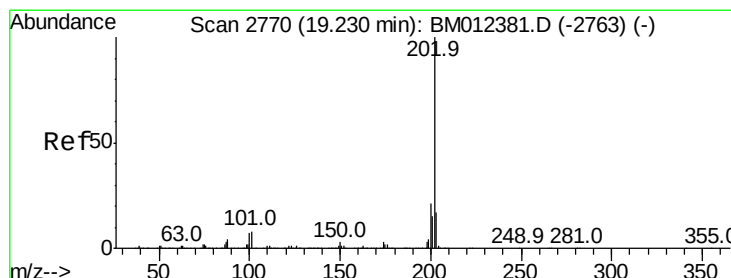
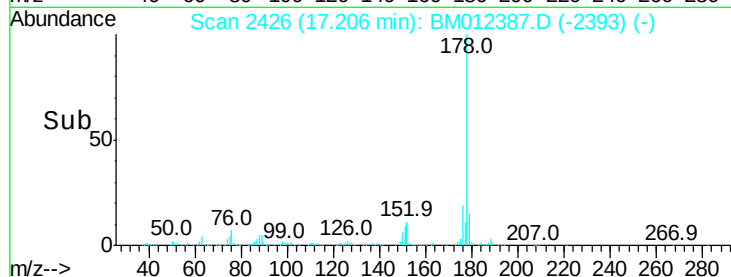
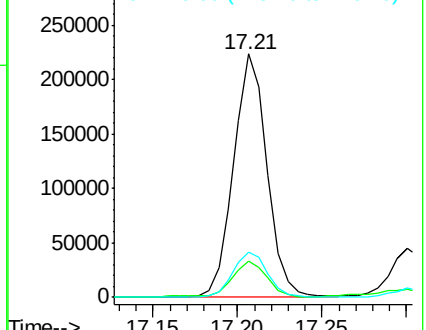
Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.0	18.0
176	18.6	15.0	22.6



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: 8.858 ng/ul

RT: 19.23 min Scan# 2770

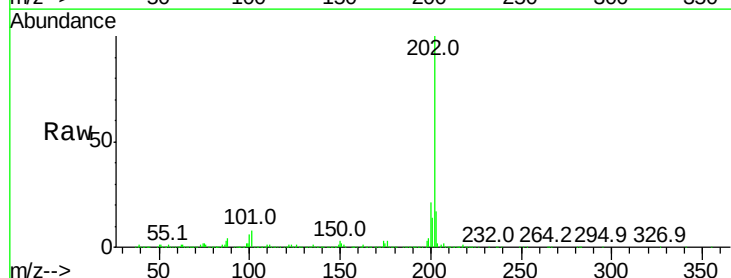
Delta R.T. -0.00 min

Lab File: BM012387.D

Acq: 22 Oct 2017 08:43

Tgt Ion:202 Resp: 1177654

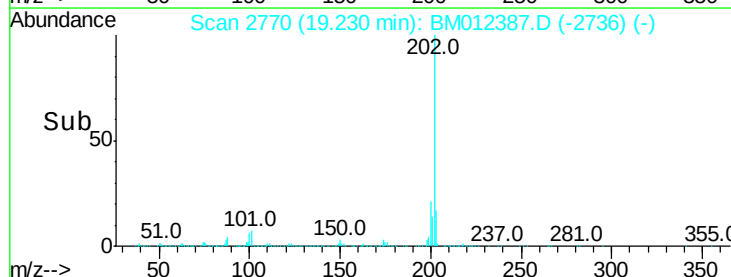
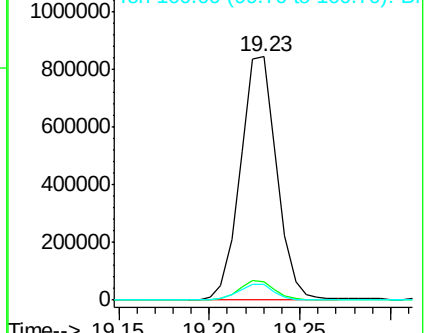
Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.8	8.6
100	6.3	4.3	6.5

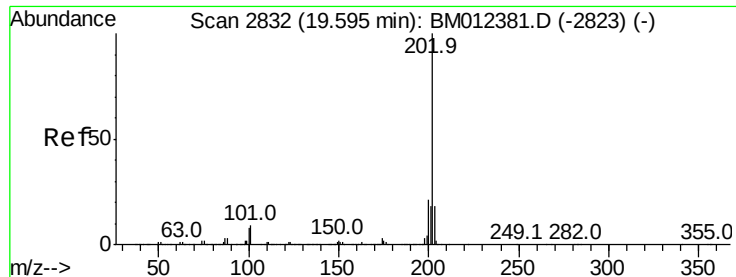


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



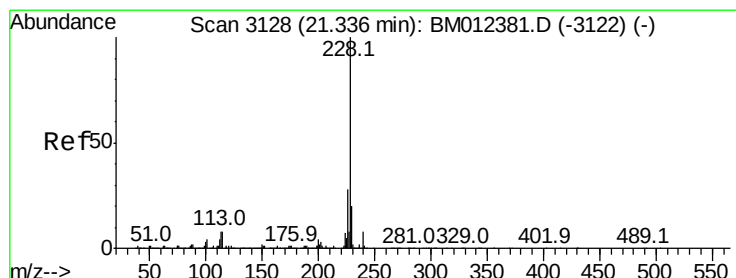
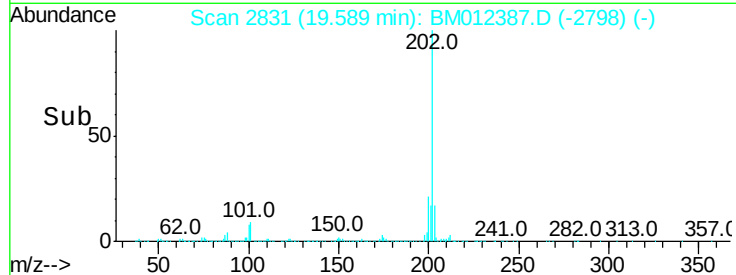
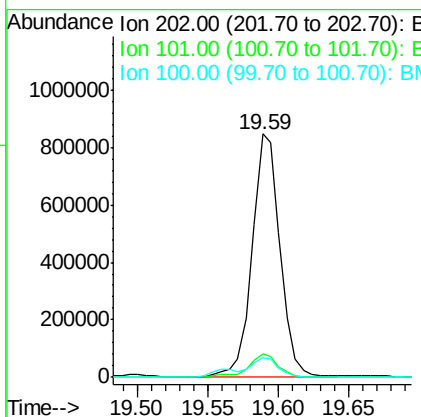
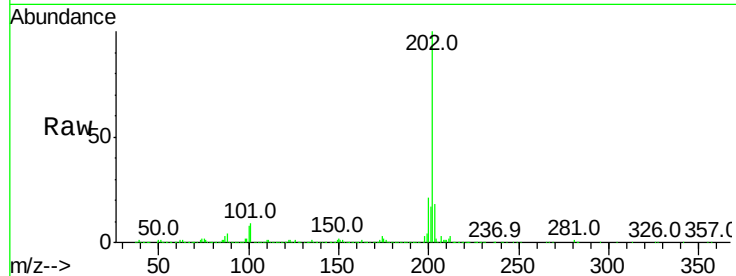


#77
 Pvrene
 Concen: 10.496 ng/ul
 RT: 19.59 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM012387.D
 Acq: 22 Oct 2017 08:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:202 Resp: 1175696

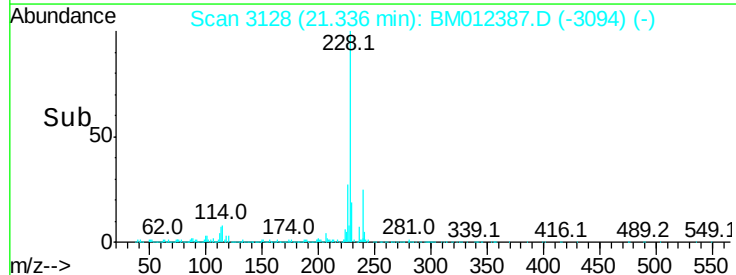
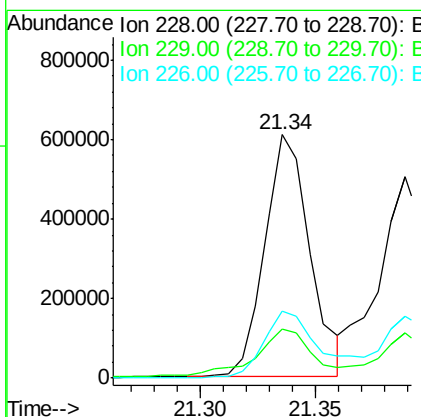
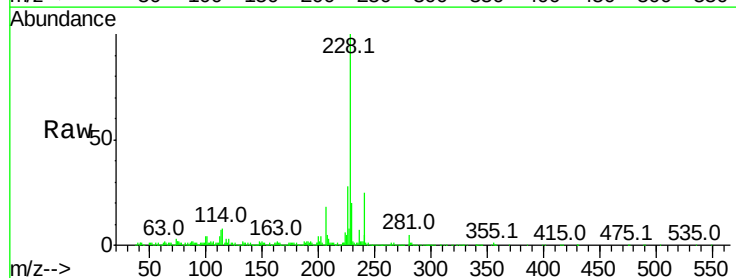
Ion	Ratio	Lower	Upper
202	100		
101	9.4	6.5	9.7
100	8.2	5.6	8.4

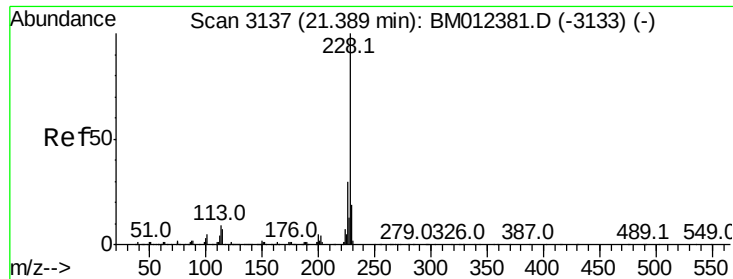


#80
 Benzo(a)anthracene
 Concen: 7.514 ng/ul
 RT: 21.34 min Scan# 3128
 Delta R.T. -0.00 min
 Lab File: BM012387.D
 Acq: 22 Oct 2017 08:43

Tgt Ion:228 Resp: 829269

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.8
226	27.6	21.4	32.2





#82

Chrysene

Concen: 7.224 ng/ul

RT: 21.39 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BM012387.D

Acq: 22 Oct 2017 08:43

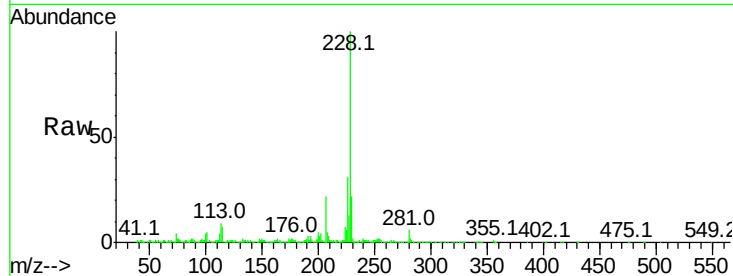
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 748508

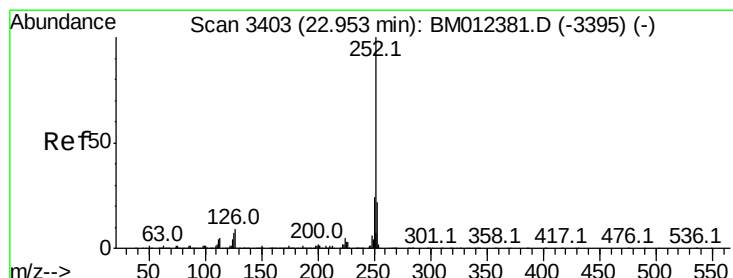
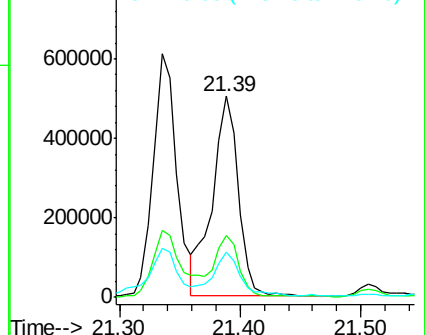
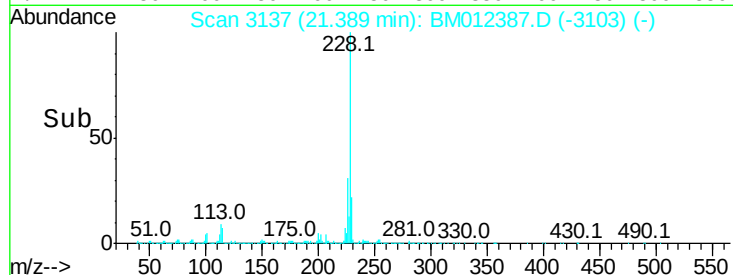
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	22.2	15.5	23.3



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: 10.353 ng/ul

RT: 22.95 min Scan# 3403

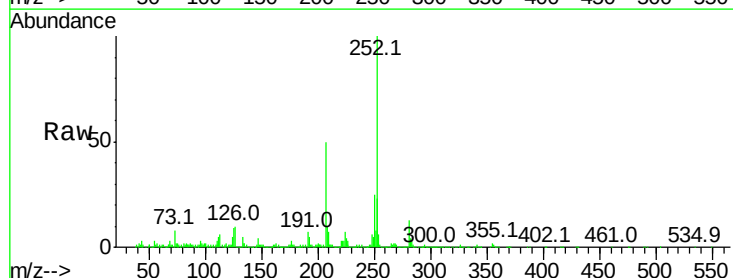
Delta R.T. -0.00 min

Lab File: BM012387.D

Acq: 22 Oct 2017 08:43

Tgt Ion:252 Resp: 916223

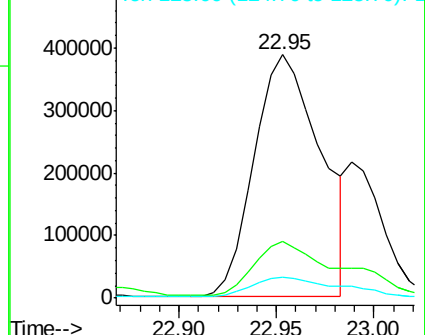
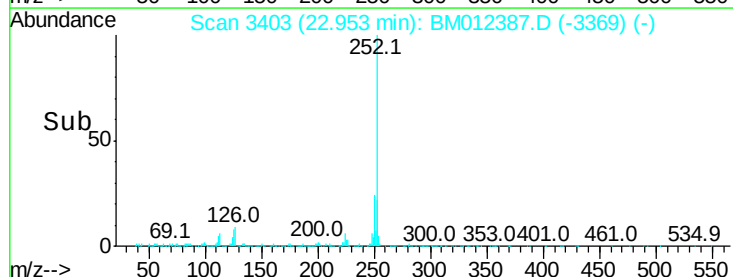
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	8.7	5.1	7.7#

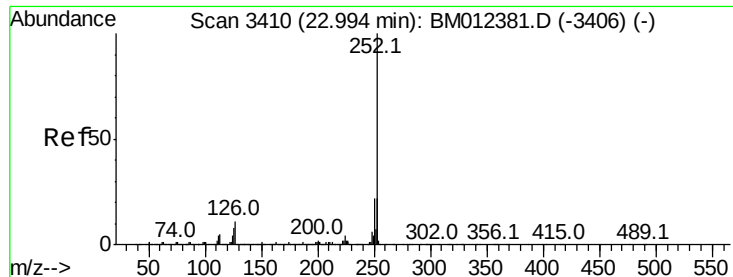


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

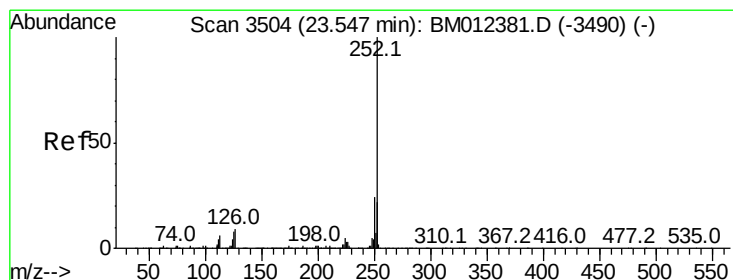
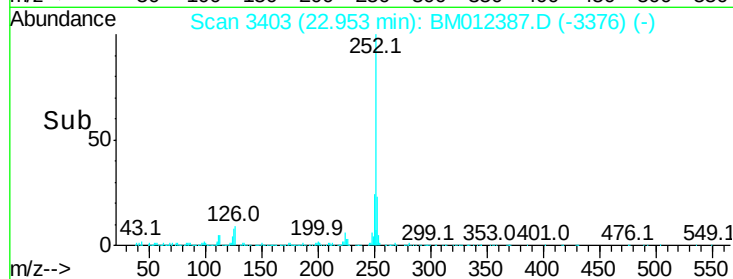
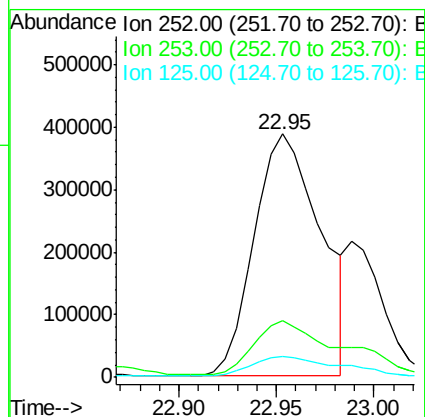
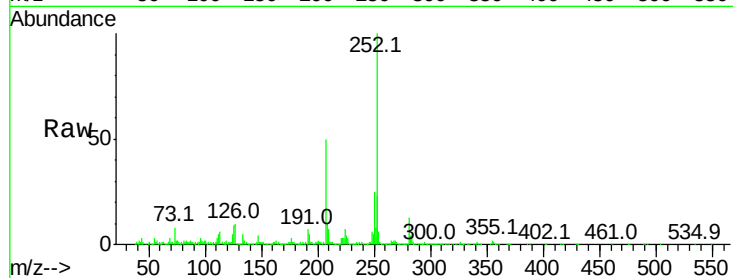




#86
Benzo(k)fluoranthene
Concen: 10.744 ng/ul
RT: 22.95 min Scan# 3403
Delta R.T. -0.04 min
Lab File: BM012387.D
Acq: 22 Oct 2017 08:43

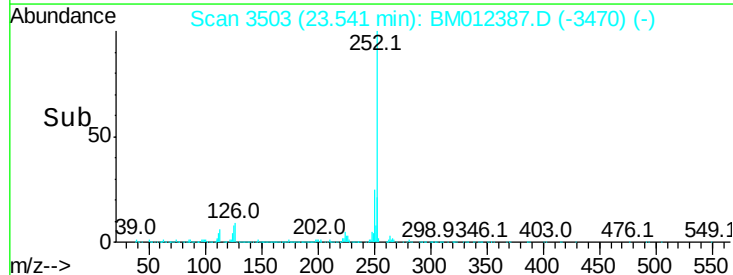
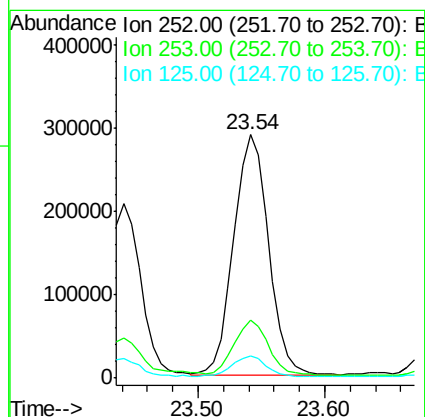
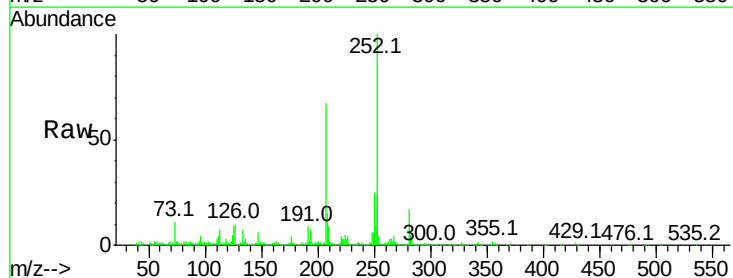
Instrument :
BNA_M
ClientSampleId :

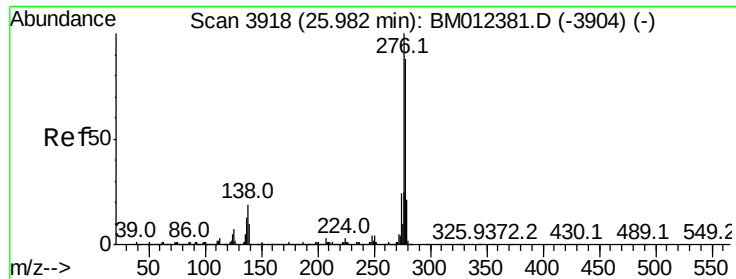
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	8.7	4.9	7.3



#88
Benzo(a)pyrene
Concen: 6.587 ng/ul
RT: 23.54 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BM012387.D
Acq: 22 Oct 2017 08:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	8.9	5.2	7.8



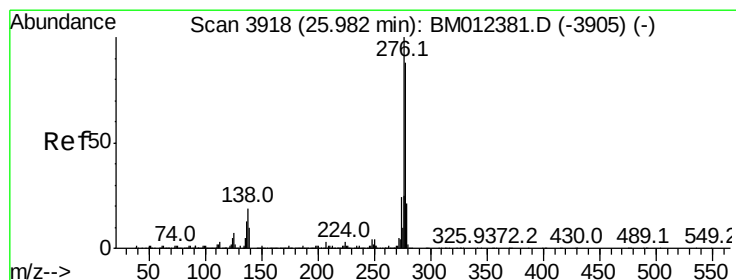
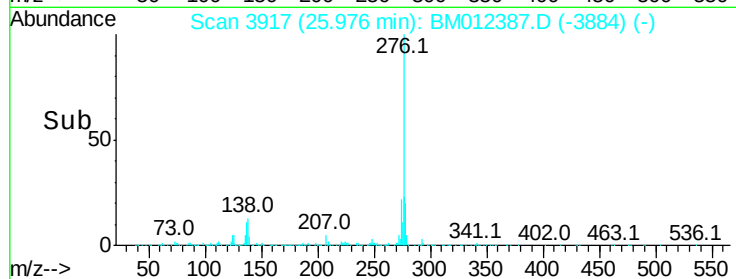
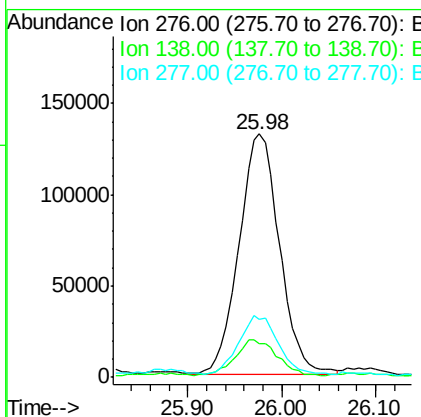
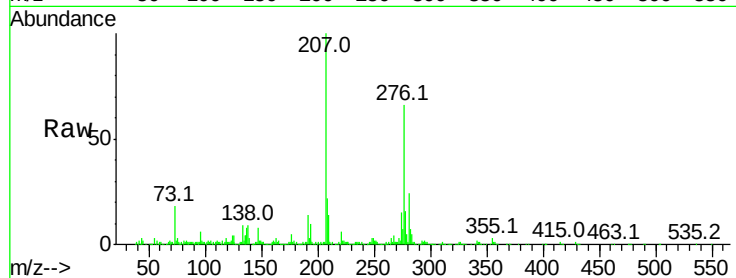


#89

Indeno(1,2,3-cd)pyrene
Concen: 4.422 ng/ul
RT: 25.98 min Scan# 3917
Delta R.T. -0.01 min
Lab File: BM012387.D
Acq: 22 Oct 2017 08:43

Instrument :
BNA_M
ClientSampleId :

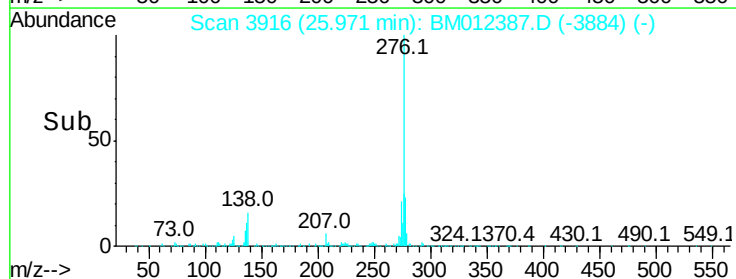
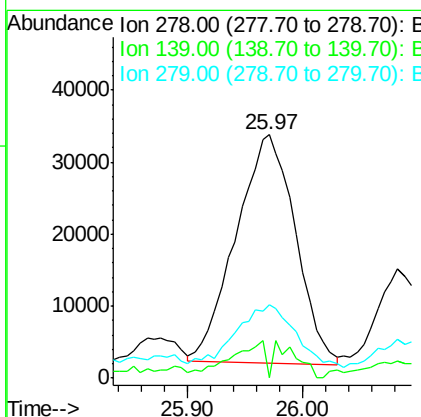
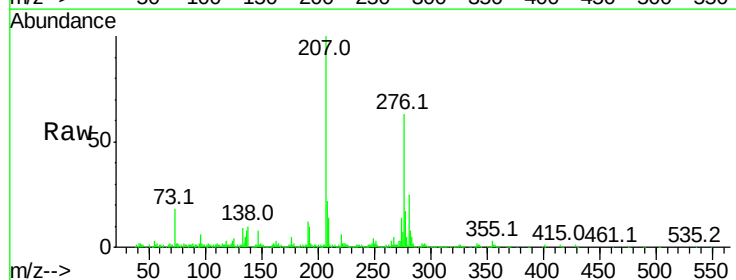
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.7	13.2	19.8
277	23.8	20.6	31.0

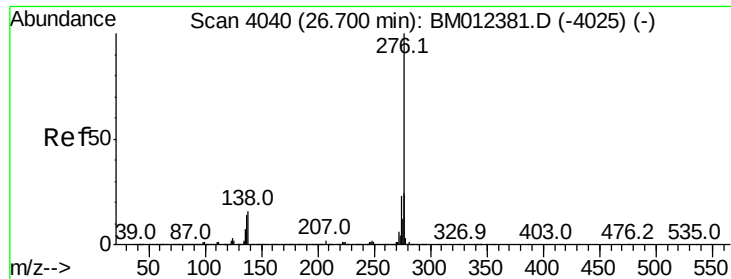


#90

Dibenzo(a,h)anthracene
Concen: 1.521 ng/ul
RT: 25.97 min Scan# 3916
Delta R.T. -0.01 min
Lab File: BM012387.D
Acq: 22 Oct 2017 08:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	8.3	12.5#
279	30.1	19.3	28.9#





#91

Benzo(a,h,i)perylene

Concen: 4.181 ng/ul

RT: 26.70 min Scan# 4040

Delta R.T. -0.00 min

Lab File: BM012387.D

Acq: 22 Oct 2017 08:43

Instrument :

BNA_M

ClientSampleId :

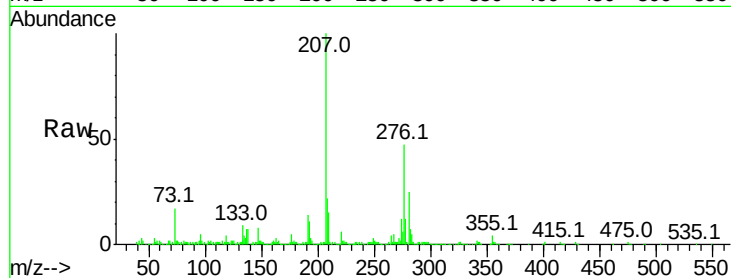
Tot Ion:276 Resp: 303282

Ion Ratio Lower Upper

276 100

138 16.0 10.7 16.1

277 25.3 19.0 28.4



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

