

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014345.D
 Acq On : 23 Feb 2018 23:43
 Operator : SJ/JU
 Sample : J1631-09 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 24 01:28:34 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 23:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	134454	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	597259	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	357170	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	739249	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	626453	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	531612	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	1482	0.47	ng/uL	0.00
5) Phenol-d5	6.82	99	705	0.06	ng/ul	0.09
7) Bis-(2-Chloroethyl)ether-d	6.89	67	15264	2.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	22079	2.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	16970	1.71	ng/ul	0.02
19) Nitrobenzene-d5	8.69	128	12433	2.82	ng/ul	0.01
22) 2-Nitrophenol-d4	9.41	143	10868	2.38	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.97	165	10669	1.13	ng/ul	0.04
29) 4-Chloroaniline-d4	10.50	131	3109	0.33	ng/ul	0.04
43) Dimethylphthalate-d6	13.60	166	94197	3.19	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	115355	3.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	484	0.12	ng/ul	0.11
57) Fluorene-d10	15.19	176	77006	2.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	4120	0.93	ng/ul	0.02
70) Anthracene-d10	17.04	188	115309	3.23	ng/ul	0.00
76) Pyrene-d10	19.34	212	126313	3.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	89620	3.46	ng/ul	0.00

Target Compounds

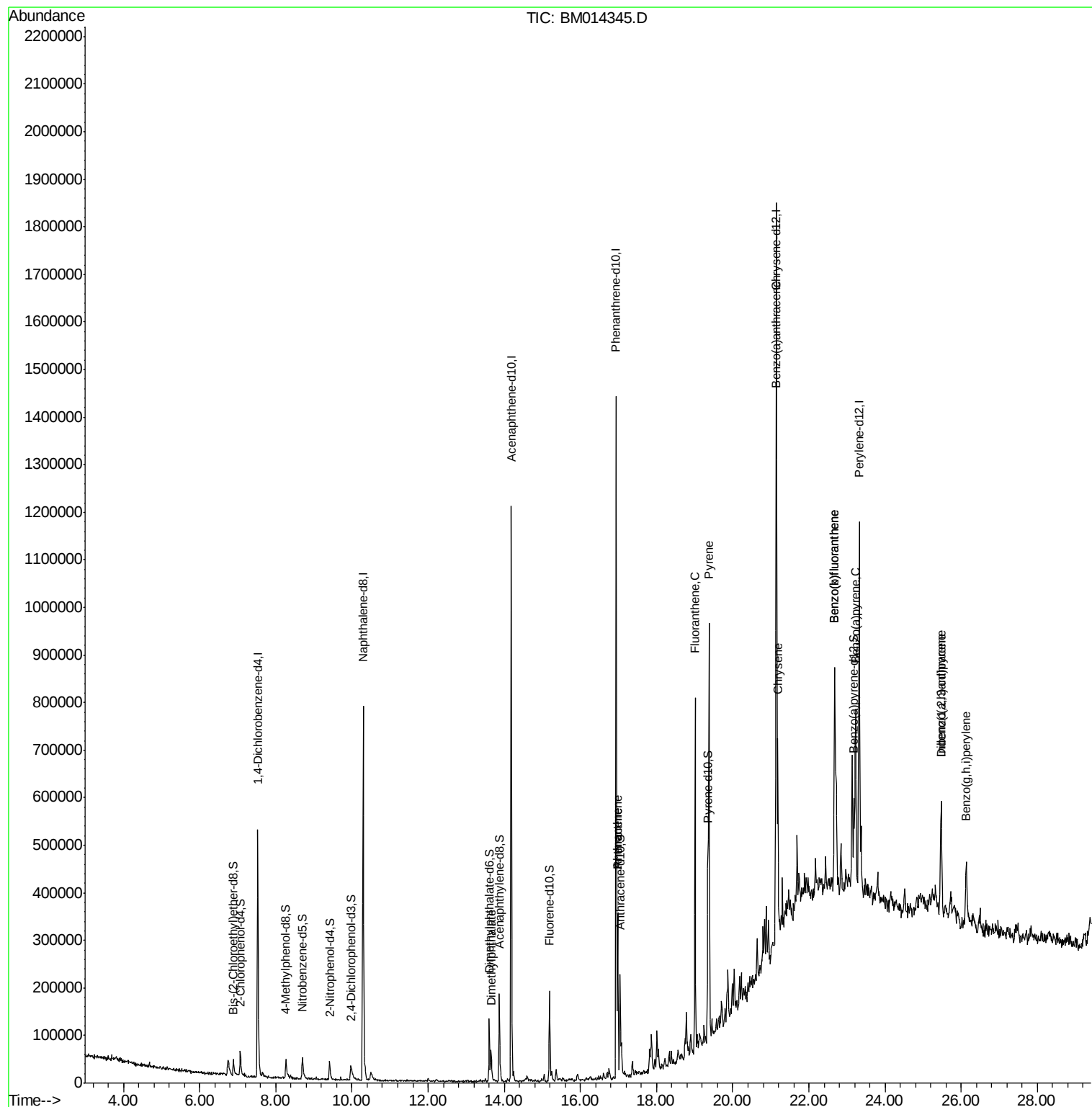
					Ovalue	
44) Dimethylphthalate	13.66	163	41618	1.431	ng/ul#	94
69) Phenanthrene	16.98	178	188844	4.434	ng/ul	99
71) Anthracene	16.98	178	188844	4.409	ng/ul	98
74) Fluoranthene	19.01	202	409068	8.039	ng/ul#	91
77) Pyrene	19.37	202	469222	11.271	ng/ul#	94
80) Benzo(a)anthracene	21.13	228	215903	5.522	ng/ul	99
82) Chrysene	21.19	228	225324	6.178	ng/ul	98
85) Benzo(b)fluoranthene	22.67	252	353723	9.937	ng/ul#	97
86) Benzo(k)fluoranthene	22.67	252	353723	10.452	ng/ul#	95
88) Benzo(a)pyrene	23.23	252	261537	8.222	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.47	276	193746	6.277	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.47	278	48567	1.894	ng/ul#	80
91) Benzo(g,h,i)perylene	26.13	276	145287	5.810	ng/ul#	96

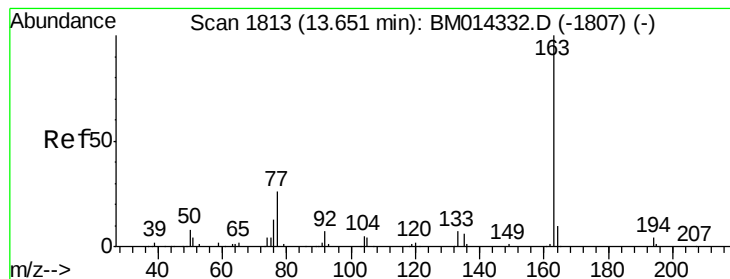
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 23 23:12:42 2018
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.431 ng/ul

RT: 13.66 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BM014345.D

Acq: 23 Feb 2018 23:43

Instrument :

BNA_M

ClientSampleId :

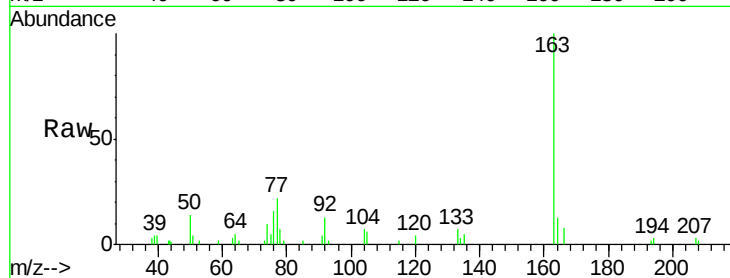
Tot Ion:163 Resp: 41618

Ion Ratio Lower Upper

163 100

194 2.7 3.5 5.3#

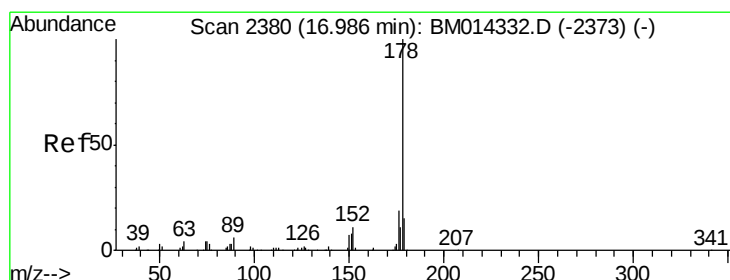
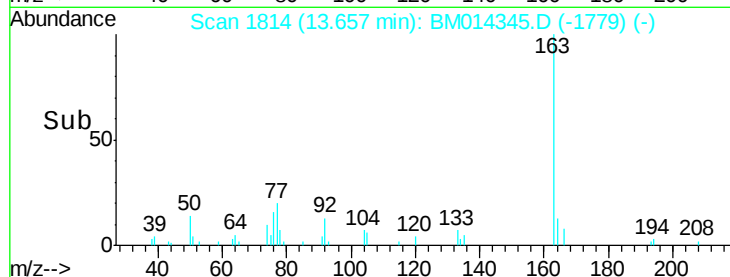
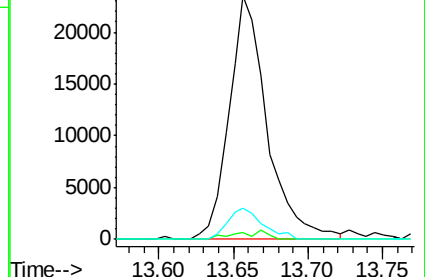
164 12.6 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 4.434 ng/ul

RT: 16.98 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM014345.D

Acq: 23 Feb 2018 23:43

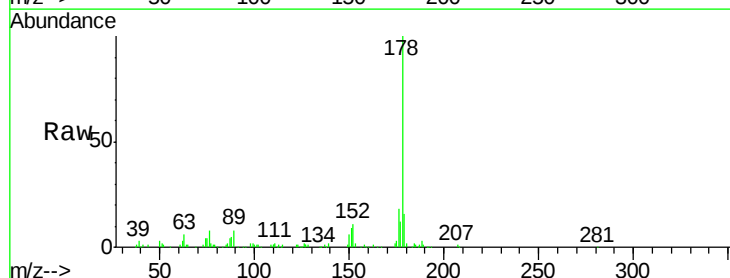
Tgt Ion:178 Resp: 188844

Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

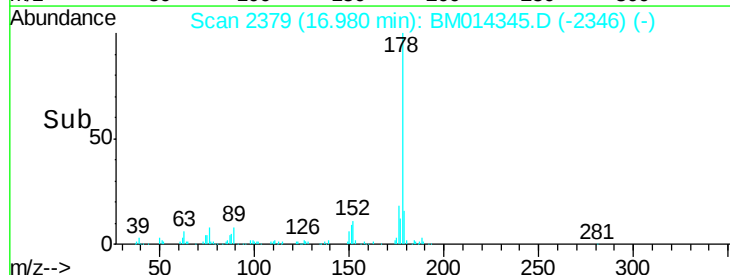
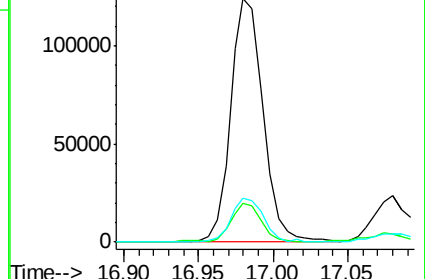
176 17.9 14.9 22.3

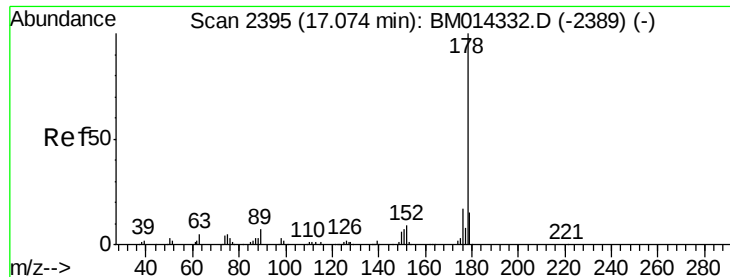


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

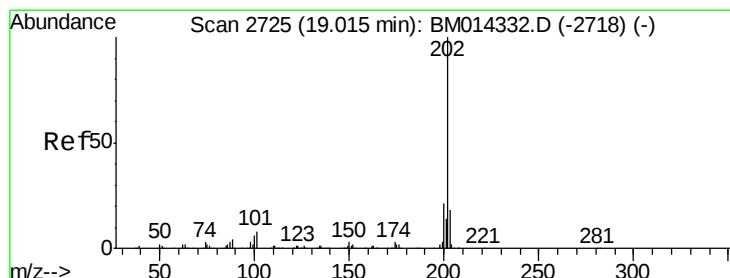
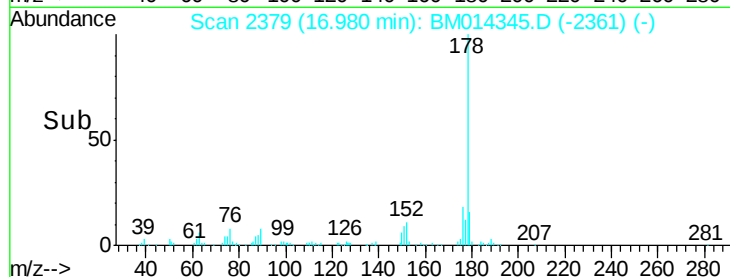
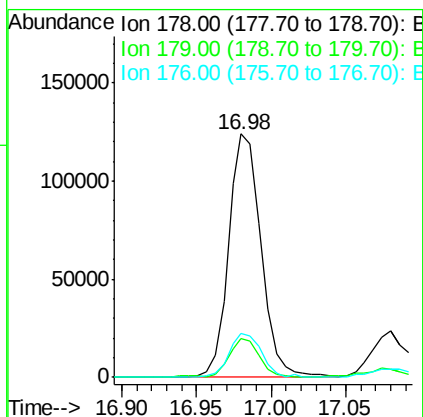
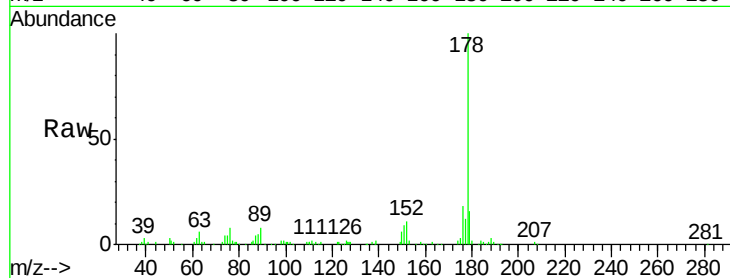




#71
 Anthracene
 Concen: 4.409 ng/ul
 RT: 16.98 min Scan# 2379
 Delta R.T. -0.09 min
 Lab File: BM014345.D
 Acq: 23 Feb 2018 23:43

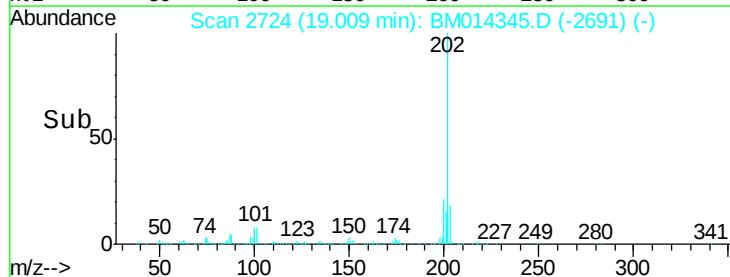
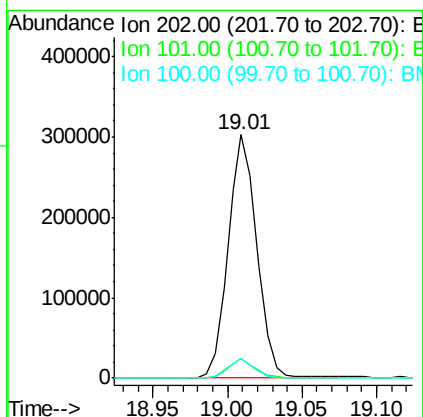
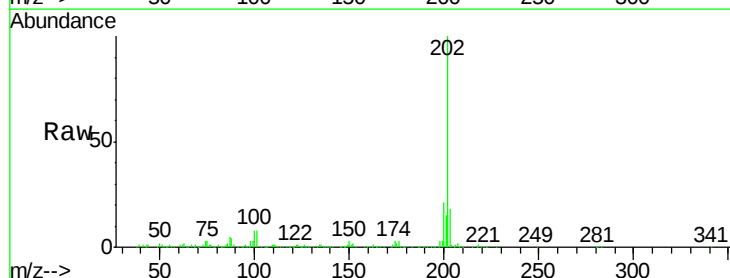
Instrument :
 BNA_M
 ClientSampleId :

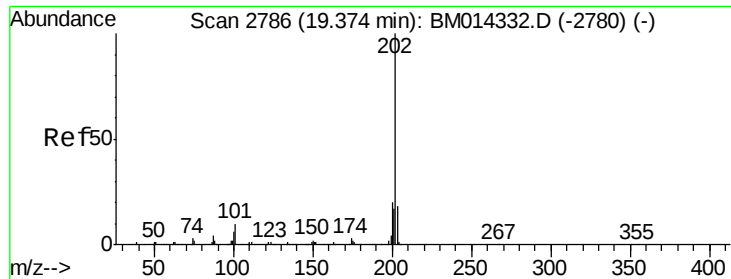
Tot Ion:178 Resp: 188844
 Ion Ratio Lower Upper
 178 100
 179 16.2 11.7 17.5
 176 17.9 14.6 21.8



#74
 Fluoranthene
 Concen: 8.039 ng/ul
 RT: 19.01 min Scan# 2724
 Delta R.T. -0.01 min
 Lab File: BM014345.D
 Acq: 23 Feb 2018 23:43

Tgt Ion:202 Resp: 409068
 Ion Ratio Lower Upper
 202 100
 101 8.0 4.6 7.0#
 100 8.2 3.4 5.2#

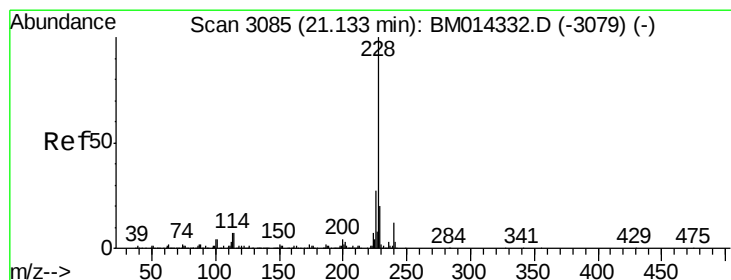
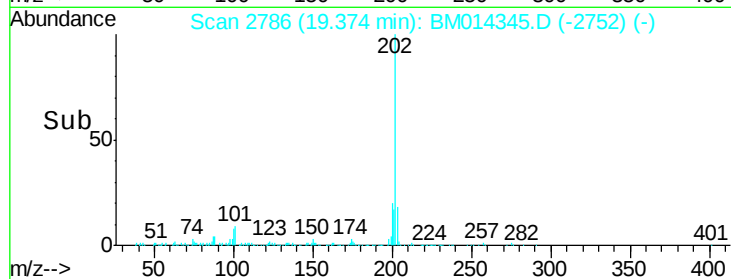
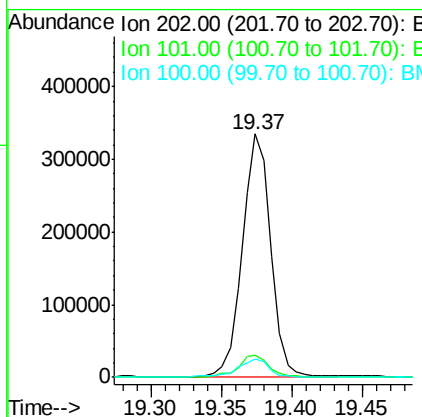
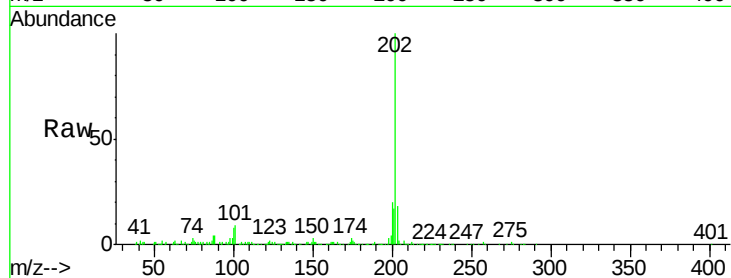




#77
 Pvrene
 Concen: 11.271 ng/ul
 RT: 19.37 min Scan# 2786
 Delta R.T. -0.00 min
 Lab File: BM014345.D
 Acq: 23 Feb 2018 23:43

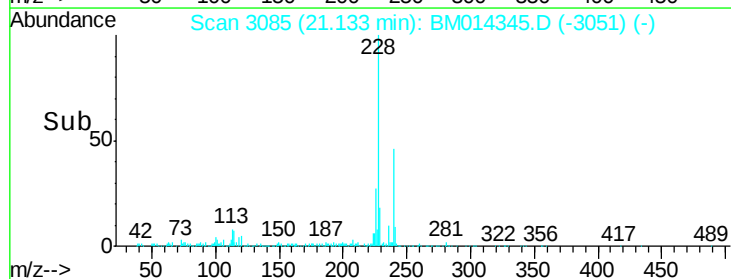
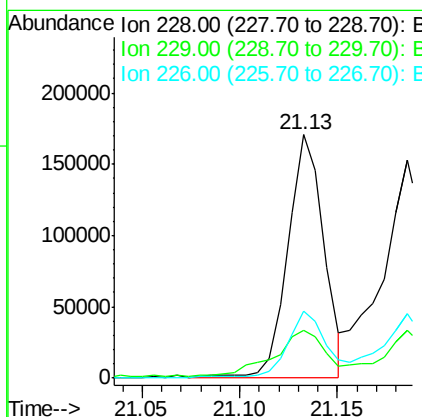
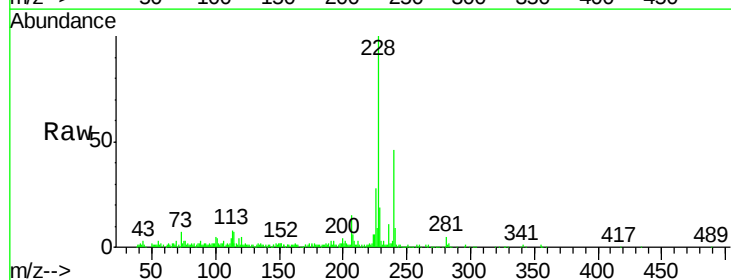
Instrument :
 BNA_M
 ClientSampleId :

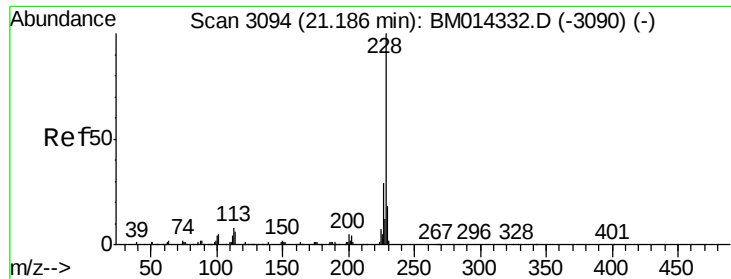
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	5.1	7.7#
100	7.5	4.9	7.3#



#80
 Benzo(a)anthracene
 Concen: 5.522 ng/ul
 RT: 21.13 min Scan# 3085
 Delta R.T. -0.00 min
 Lab File: BM014345.D
 Acq: 23 Feb 2018 23:43

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.4	23.0
226	27.5	21.4	32.0





#82

Chrysene

Concen: 6.178 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM014345.D

Acq: 23 Feb 2018 23:43

Instrument :

BNA_M

ClientSampleId :

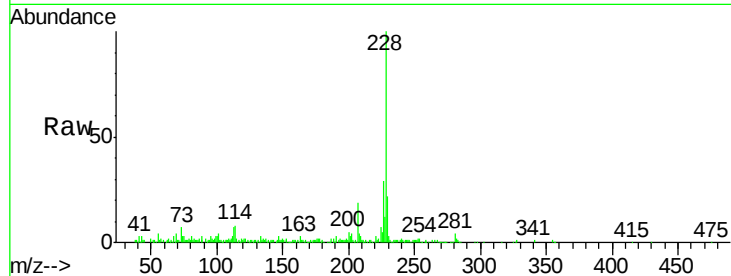
Tot Ion:228 Resp: 225324

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

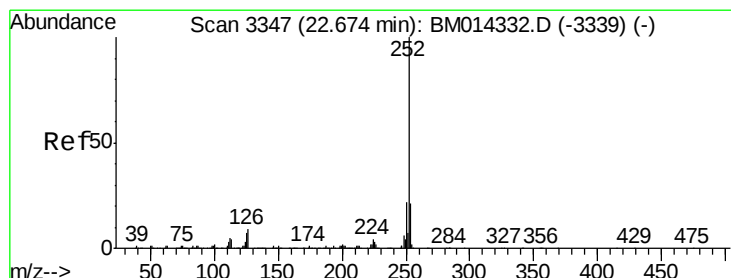
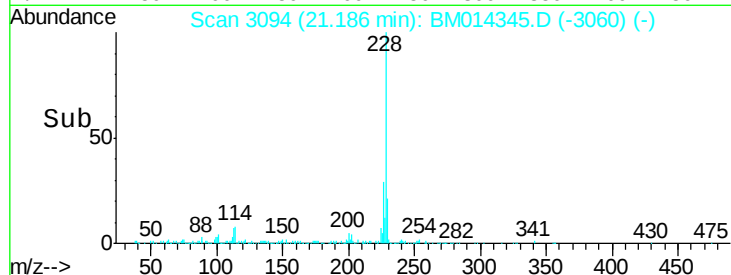
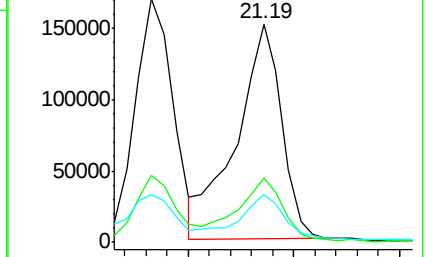
229 22.0 15.5 23.3



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: 9.937 ng/ul

RT: 22.67 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BM014345.D

Acq: 23 Feb 2018 23:43

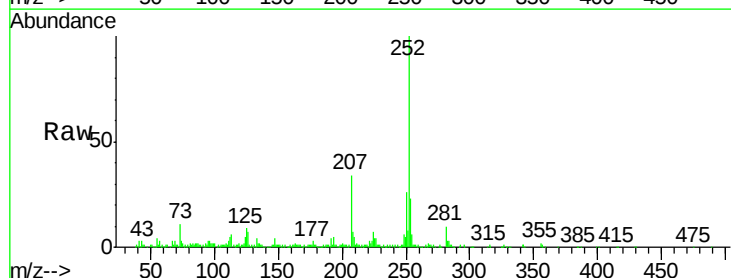
Tgt Ion:252 Resp: 353723

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

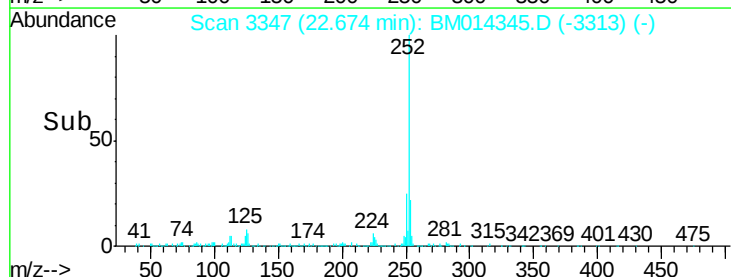
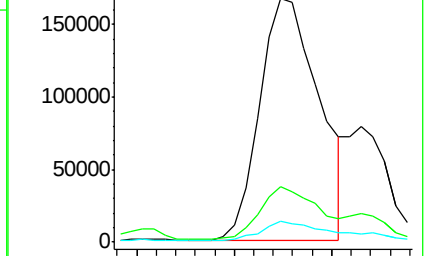
125 8.6 3.6 5.4#

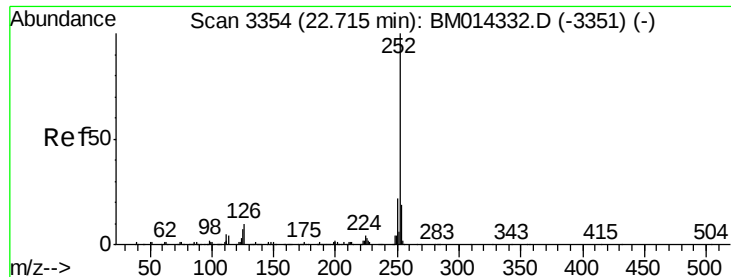


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 10.452 ng/ul

RT: 22.67 min Scan# 3347

Delta R.T. -0.04 min

Lab File: BM014345.D

Acq: 23 Feb 2018 23:43

Instrument :

BNA_M

ClientSampleId :

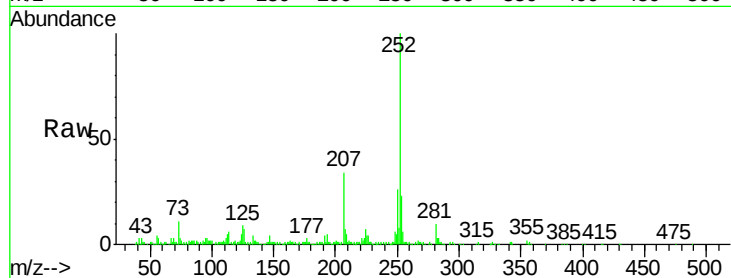
Tot Ion:252 Resp: 353723

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

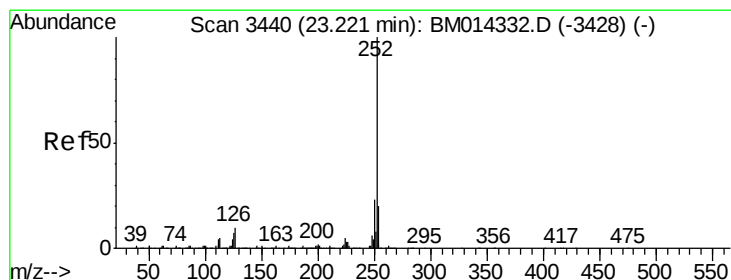
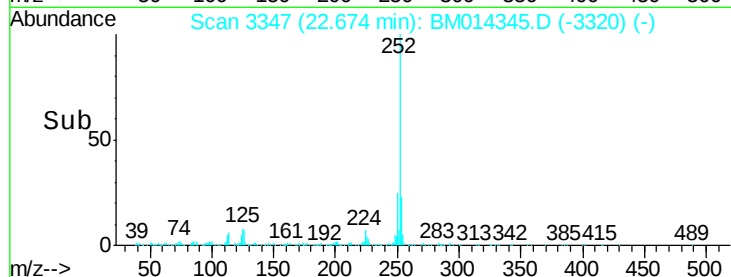
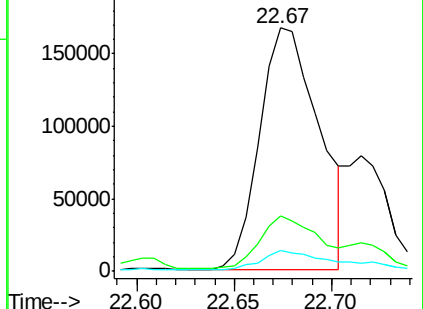
125 8.6 3.4 5.2#



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: 8.222 ng/ul

RT: 23.23 min Scan# 3441

Delta R.T. 0.01 min

Lab File: BM014345.D

Acq: 23 Feb 2018 23:43

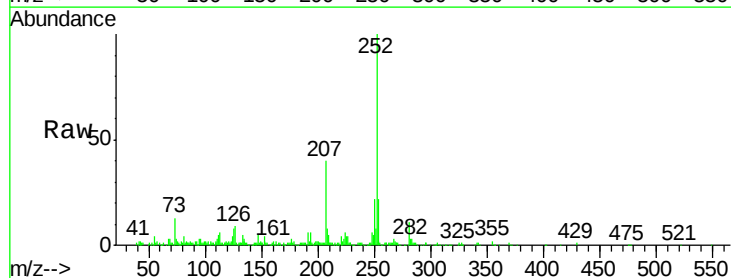
Tgt Ion:252 Resp: 261537

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.2

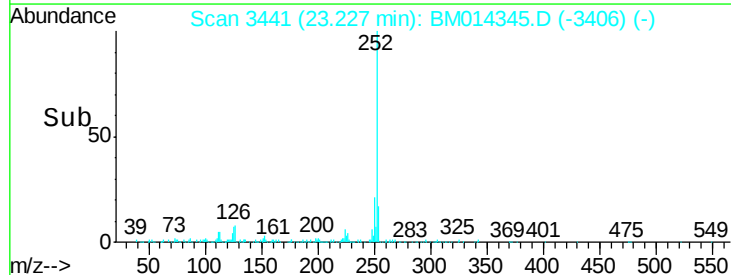
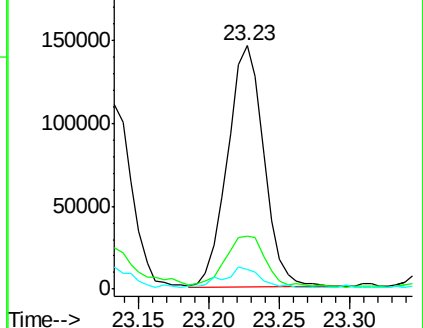
125 8.0 4.0 6.0#

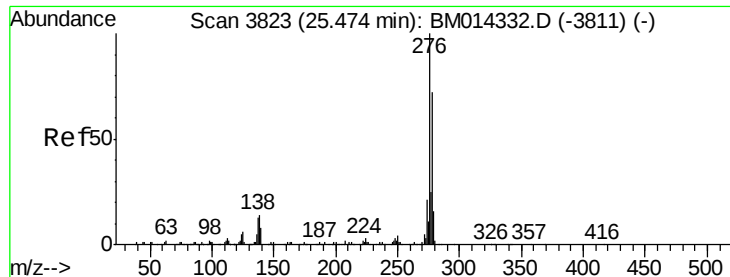


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



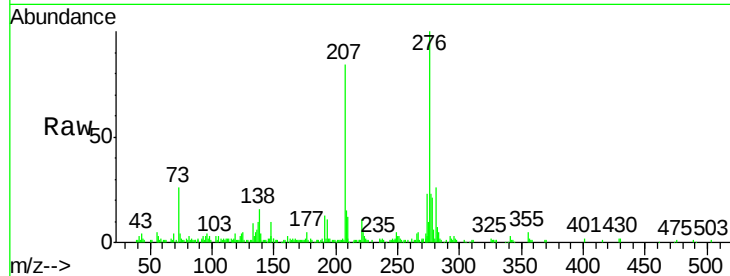


#89

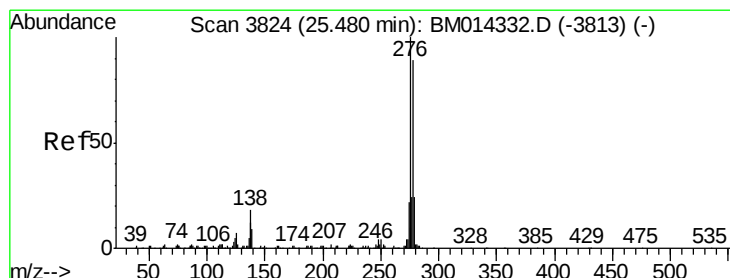
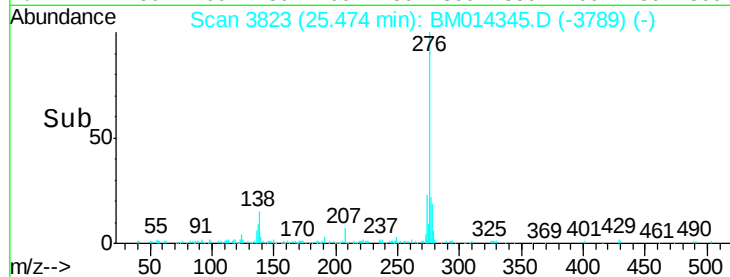
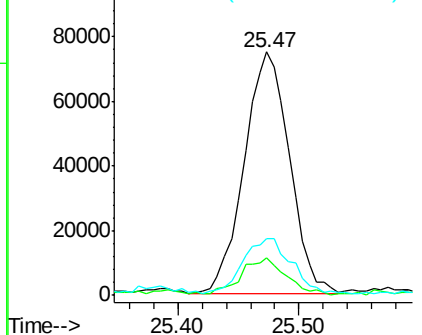
Indeno(1,2,3-cd)pyrene
Concen: 6.277 ng/ul
RT: 25.47 min Scan# 3823
Delta R.T. -0.00 min
Lab File: BM014345.D
Acq: 23 Feb 2018 23:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.6	9.3	13.9#
277	23.3	19.9	29.9



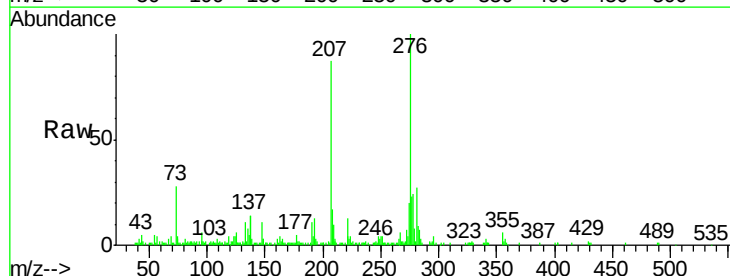
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



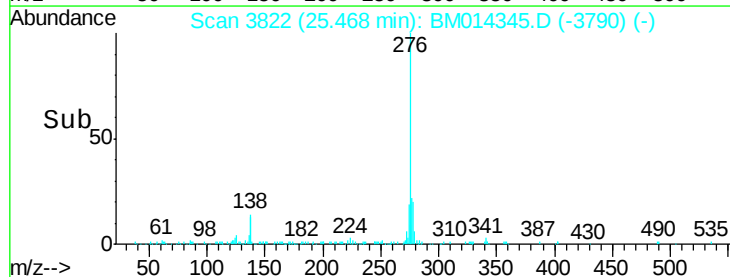
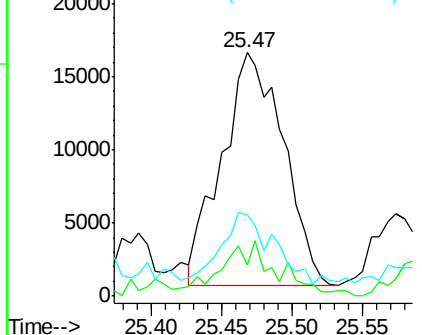
#90

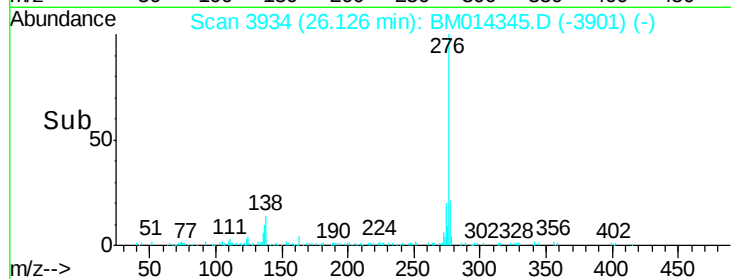
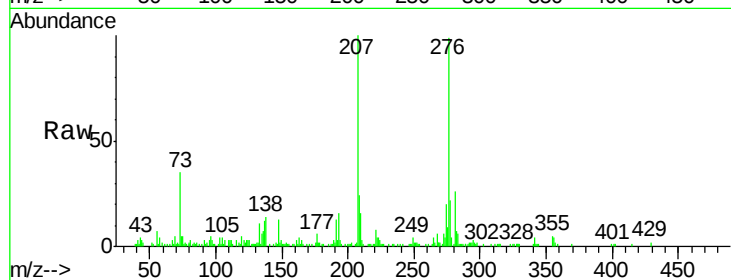
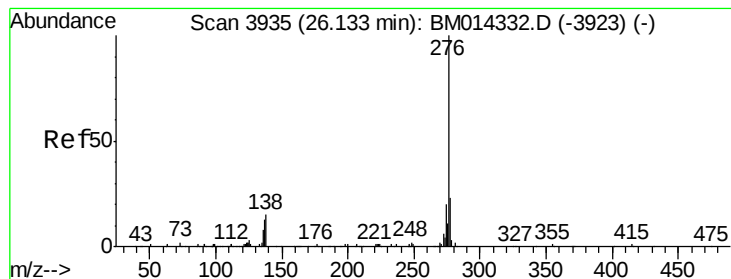
Dibenzo(a,h)anthracene
Concen: 1.894 ng/ul
RT: 25.47 min Scan# 3822
Delta R.T. -0.01 min
Lab File: BM014345.D
Acq: 23 Feb 2018 23:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.7	5.8	8.8#
279	33.4	18.6	27.8#



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





#91

Benzo(a,h,i)perylene

Concen: 5.810 ng/ul

RT: 26.13 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BM014345.D

Acq: 23 Feb 2018 23:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 145287

Ion Ratio Lower Upper

276 100

138 14.2 8.5 12.7#

277 22.5 18.6 28.0

