

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023612.D
 Acq On : 11 Aug 2016 3:52
 Operator : UM/SJ
 Sample : H4384-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS003-1218-01

Quant Time: Aug 11 05:54:24 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 03:58:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	156044	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	707112	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	525216	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1227300	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1200724	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1203119	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	10726	2.92	ng/uL	0.00
5) Phenol-d5	7.26	99	277117	17.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	978	0.10	ng/ul	0.08
9) 2-Chlorophenol-d4	7.64	132	202051	18.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	228463	18.62	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	1195	0.21	ng/ul	0.05
22) 2-Nitrophenol-d4	10.02	143	120310	18.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	223186	18.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	290515	20.51	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	853308	19.84	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	989373	20.44	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	118027	16.08	ng/ul	0.00
57) Fluorene-d10	15.78	176	794300	19.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	134335	17.06	ng/ul	0.00
70) Anthracene-d10	17.65	188	1184325	21.42	ng/ul	0.00
76) Pyrene-d10	19.94	212	1283773	21.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1217083	22.35	ng/ul	0.00

Target Compounds

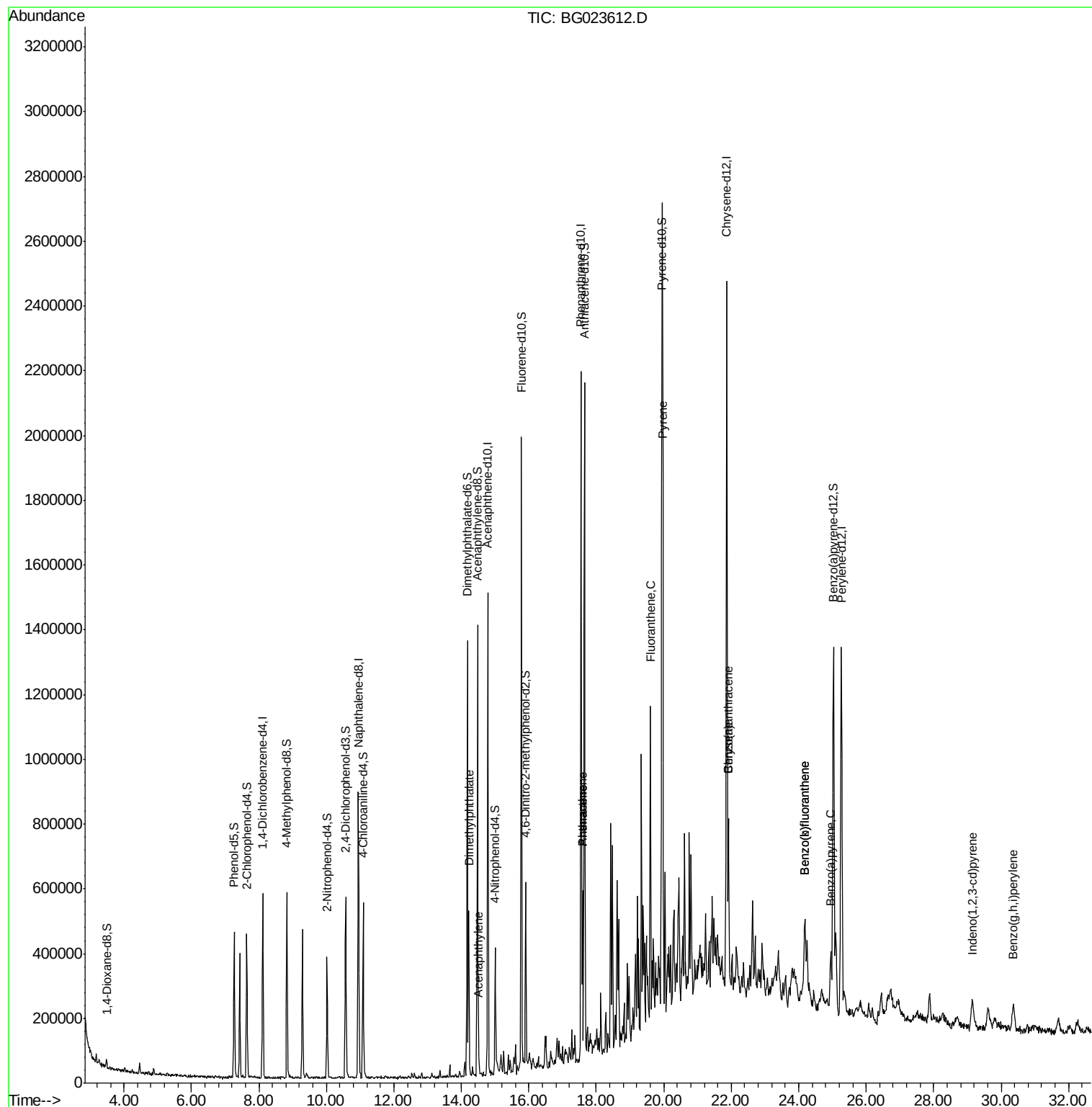
						Qvalue
44) Dimethylphthalate	14.22	163	320183	7.52	ng/ul	98
47) Acenaphthylene	14.51	152	55213	1.09	ng/ul#	91
69) Phenanthrene	17.59	178	333348	5.24	ng/ul	97
71) Anthracene	17.59	178	334764	5.16	ng/ul	97
74) Fluoranthene	19.61	202	524030	8.05	ng/ul#	92
77) Pyrene	19.97	202	877540	11.82	ng/ul#	93
80) Benzo(a)anthracene	21.92	228	374509	5.54	ng/ul	93
82) Chrysene	21.92	228	374509	6.09	ng/ul	95
85) Benzo(b)fluoranthene	24.18	252	300793	4.40	ng/ul#	96
86) Benzo(k)fluoranthene	24.18	252	300793	4.46	ng/ul	92
88) Benzo(a)pyrene	24.95	252	194768	2.95	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.15	276	136972	1.76	ng/ul#	88
91) Benzo(g,h,i)perylene	30.37	276	165524	2.57	ng/ul#	83

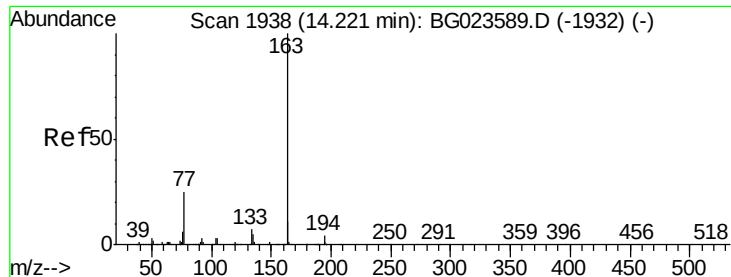
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 7.52 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

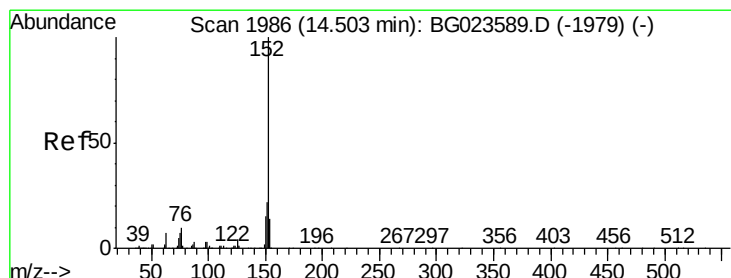
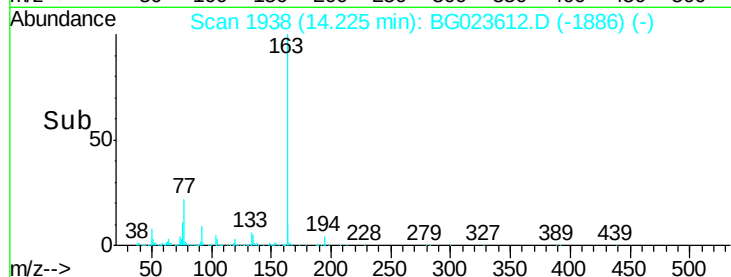
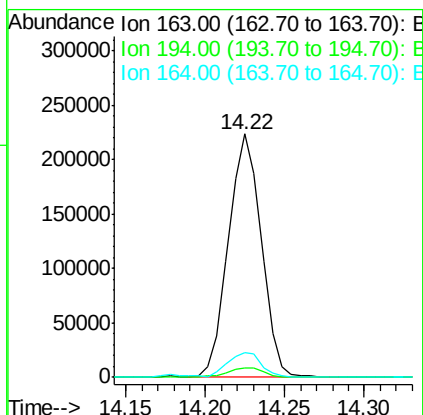
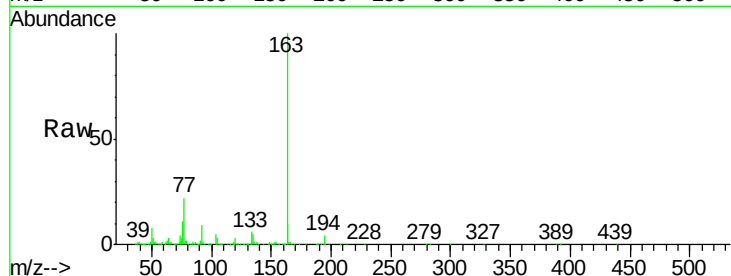
Instrument :

BNA_G

ClientSampleId :

P001-SS003-1218-01

Tgt Ion:	163	Resp:	320183
Ion Ratio		Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.4	8.8	13.2



#47

Acenaphthylene

Concen: 1.09 ng/ul

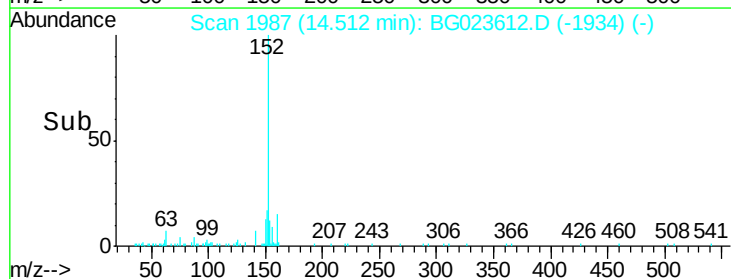
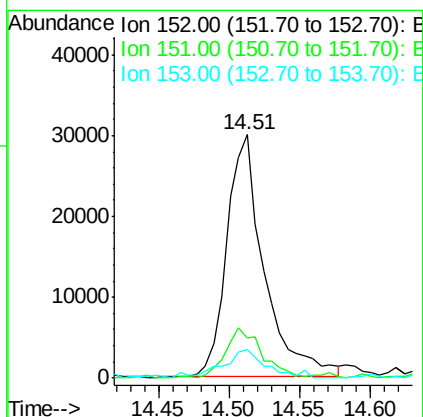
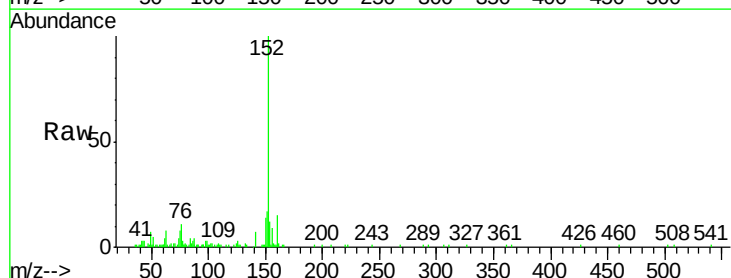
RT: 14.51 min Scan# 1987

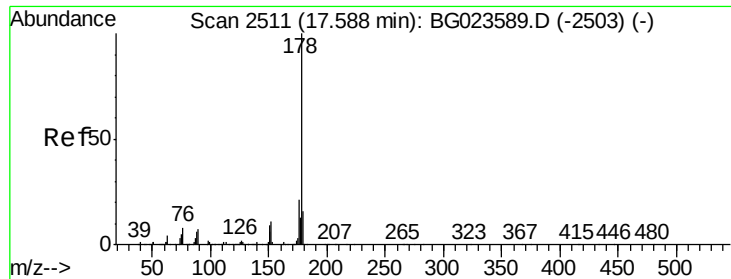
Delta R.T. 0.01 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

Tgt Ion:	152	Resp:	55213
Ion Ratio		Lower	Upper
152	100		
151	16.7	17.5	26.3#
153	11.8	11.1	16.7





#69

Phenanthrene

Concen: 5.24 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

Instrument :

BNA_G

ClientSampleId :

P001-SS003-1218-01

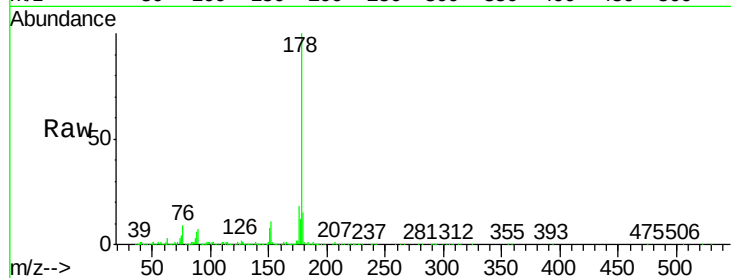
Tgt Ion:178 Resp: 333348

Ion Ratio Lower Upper

178 100

179 14.8 12.9 19.3

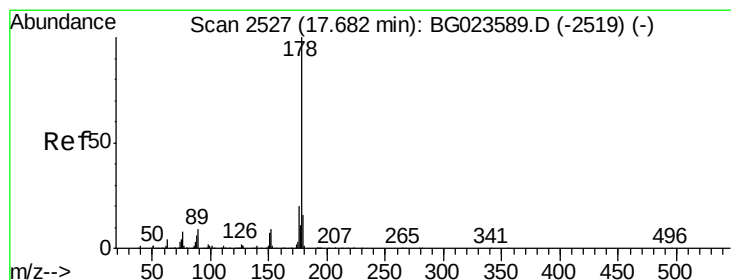
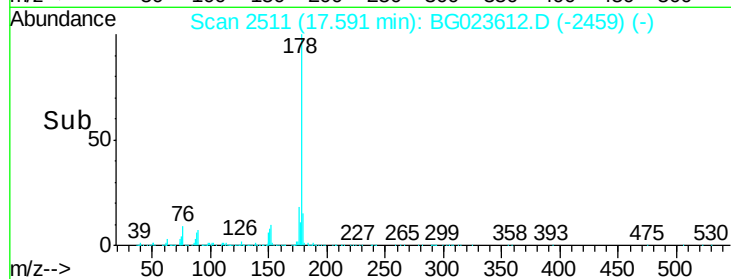
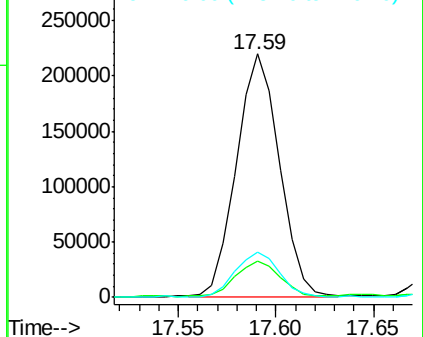
176 18.4 15.8 23.8



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



#71

Anthracene

Concen: 5.16 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. -0.09 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

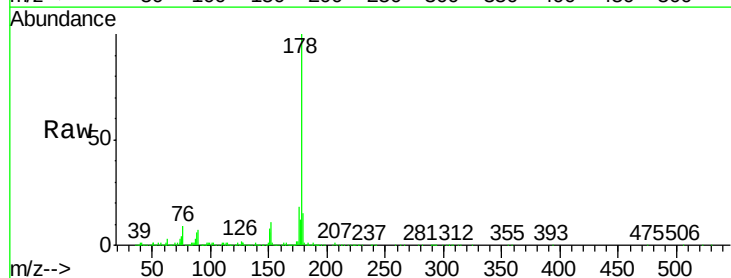
Tgt Ion:178 Resp: 334764

Ion Ratio Lower Upper

178 100

179 14.8 12.3 18.5

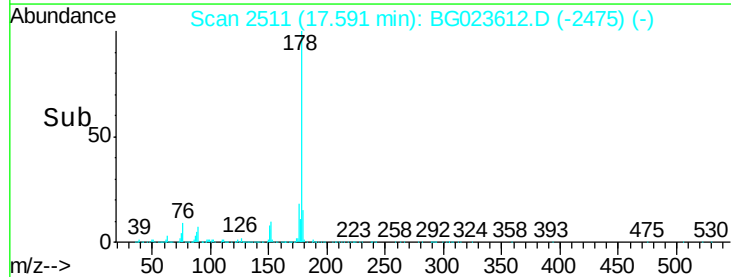
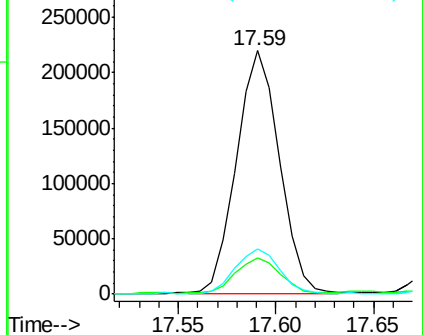
176 18.4 16.3 24.5

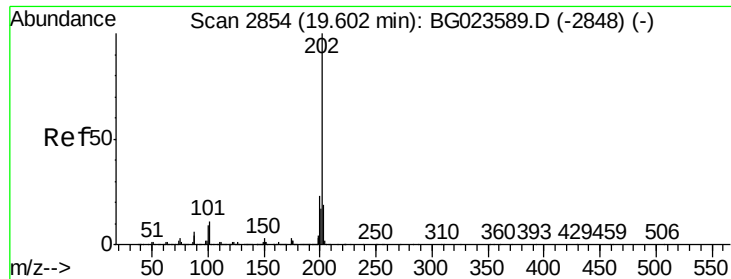


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 8.05 ng/ul

RT: 19.61 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

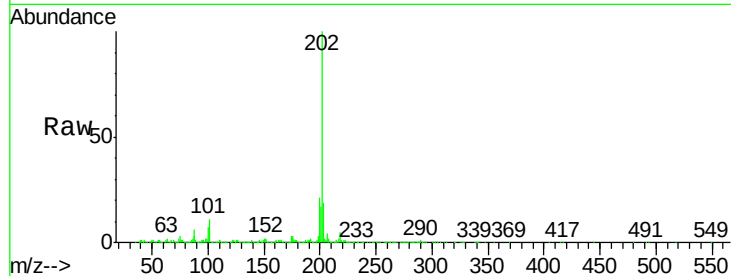
Instrument :

BNA_G

ClientSampleId :

P001-SS003-1218-01

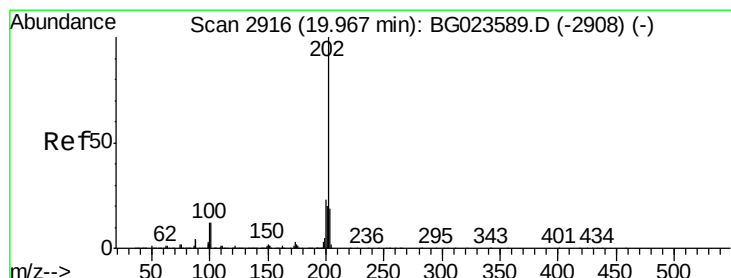
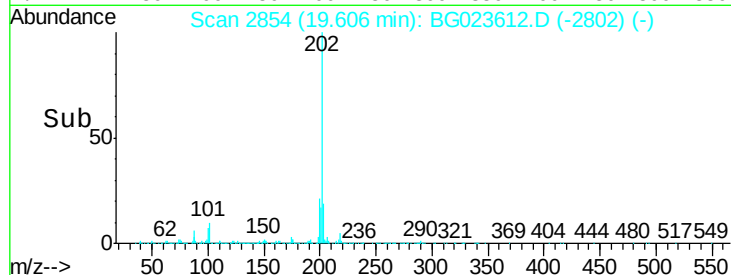
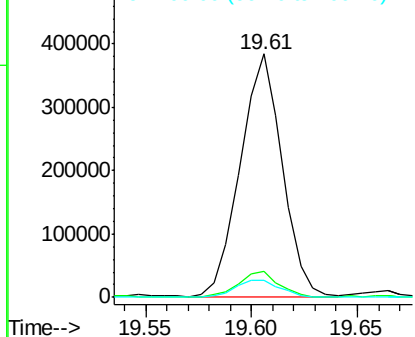
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	10.6	16.0#
100	7.0	8.7	13.1#



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: 11.82 ng/ul

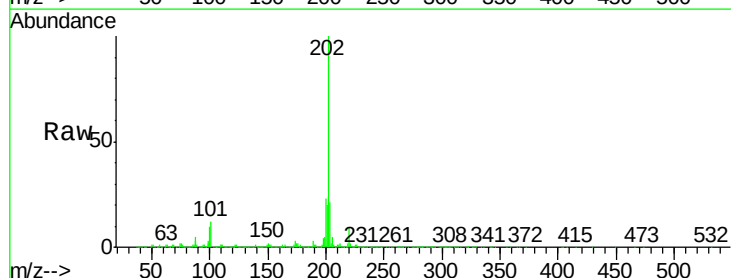
RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

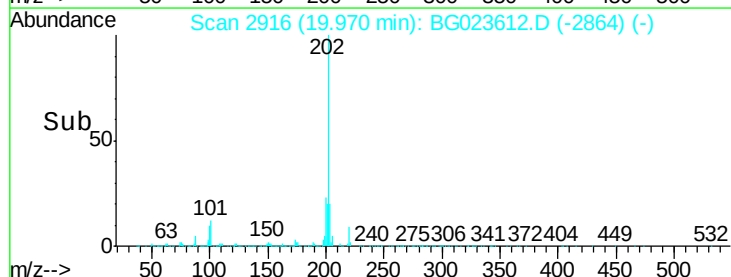
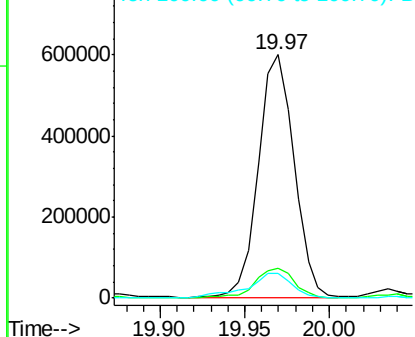
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	12.5	18.7
100	9.9	10.2	15.4#

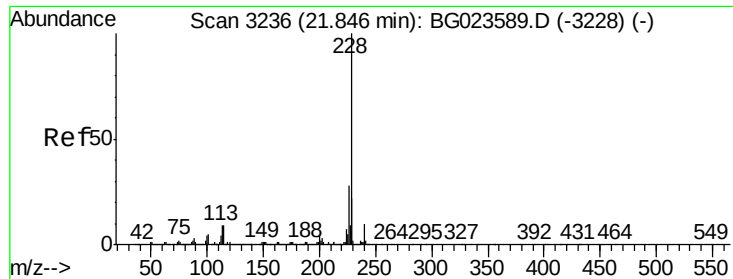


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 5.54 ng/ul

RT: 21.92 min Scan# 3248

Delta R.T. 0.07 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

Instrument :

BNA_G

ClientSampleId :

P001-SS003-1218-01

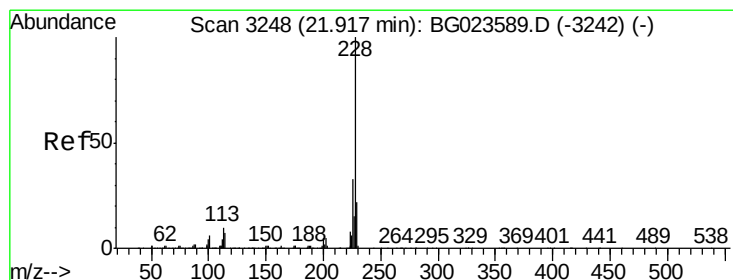
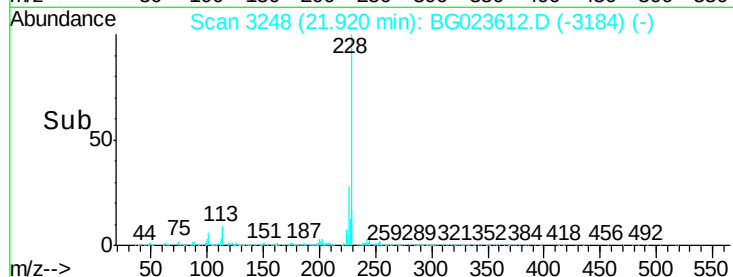
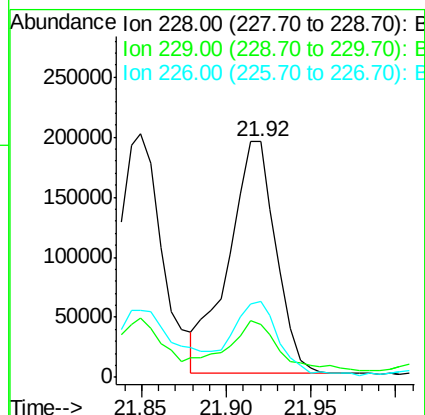
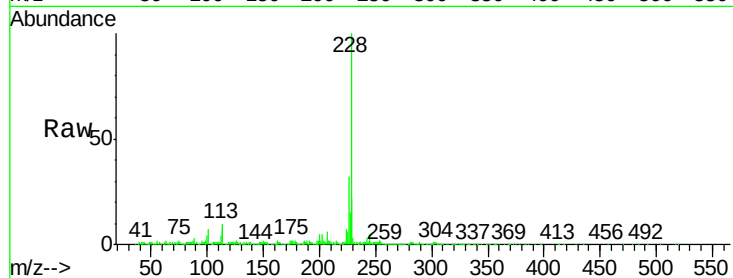
Tgt Ion:228 Resp: 374509

Ion Ratio Lower Upper

228 100

229 22.3 15.4 23.2

226 32.3 22.8 34.2



#82

Chrysene

Concen: 6.09 ng/ul

RT: 21.92 min Scan# 3248

Delta R.T. 0.00 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

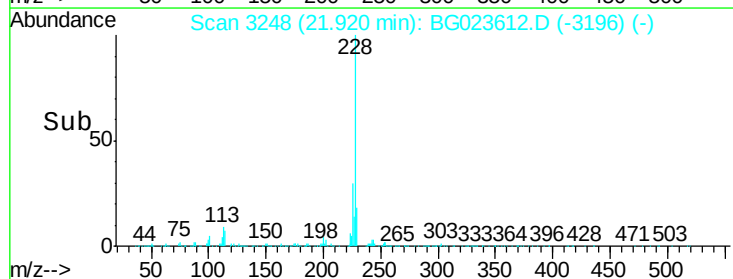
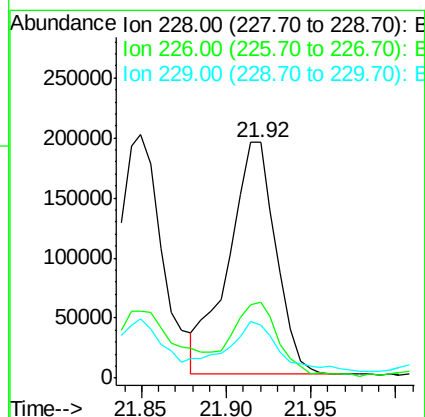
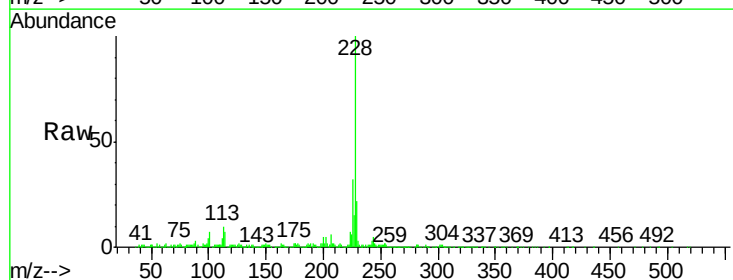
Tgt Ion:228 Resp: 374509

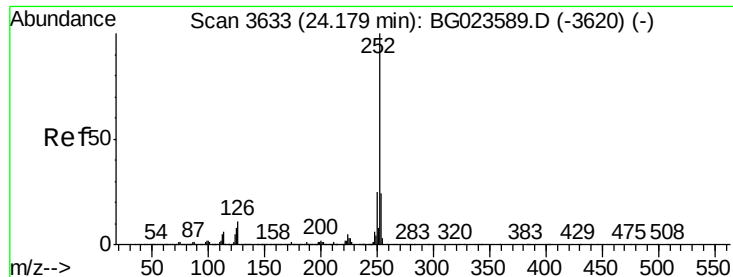
Ion Ratio Lower Upper

228 100

226 32.3 24.2 36.4

229 22.3 15.0 22.6





#85

Benzo(b)fluoranthene

Concen: 4.40 ng/ul

RT: 24.18 min Scan# 3633

Delta R.T. 0.00 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

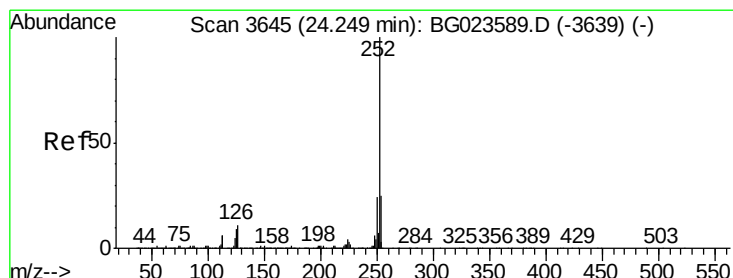
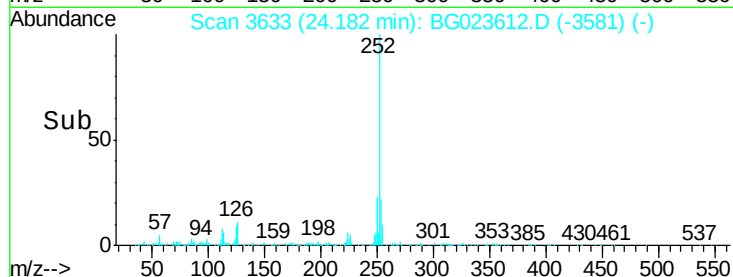
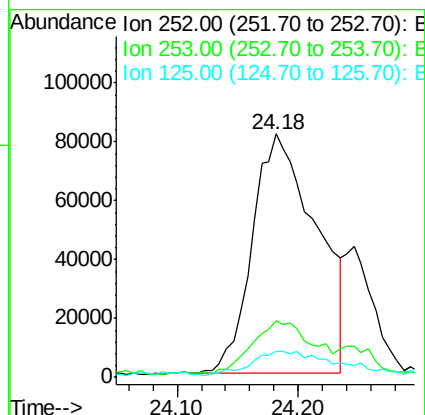
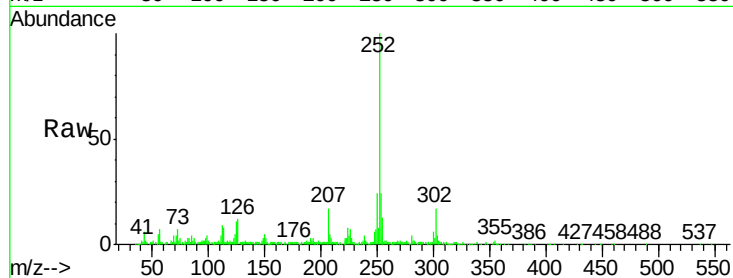
Instrument :

BNA_G

ClientSampleId :

P001-SS003-1218-01

Tgt Ion:	252	Resp:	300793
Ion Ratio		Lower	Upper
252	100		
253	23.6	18.2	27.2
125	10.7	10.8	16.2#



#86

Benzo(k)fluoranthene

Concen: 4.46 ng/ul

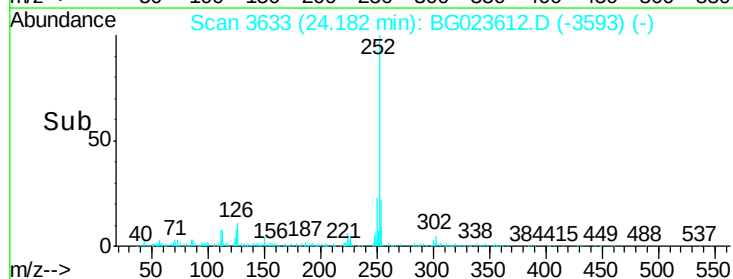
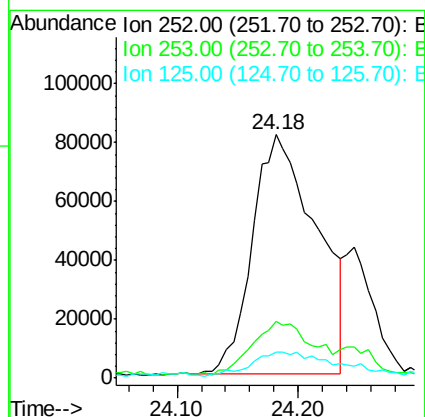
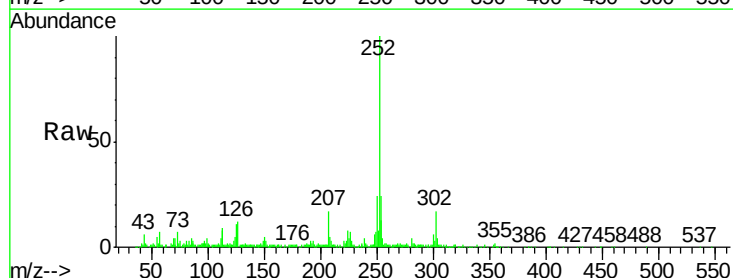
RT: 24.18 min Scan# 3633

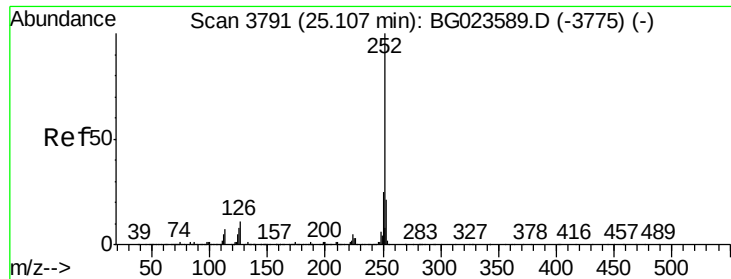
Delta R.T. -0.07 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

Tgt Ion:	252	Resp:	300793
Ion Ratio		Lower	Upper
252	100		
253	23.6	15.8	23.6
125	10.7	10.6	16.0





#88

Benzo(a)pyrene

Concen: 2.95 ng/ul

RT: 24.95 min Scan# 3763

Delta R.T. -0.16 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

Instrument :

BNA_G

ClientSampleId :

P001-SS003-1218-01

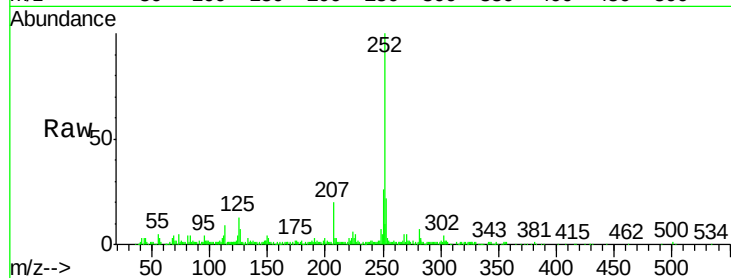
Tgt Ion:252 Resp: 194768

Ion Ratio Lower Upper

252 100

253 22.1 19.0 28.4

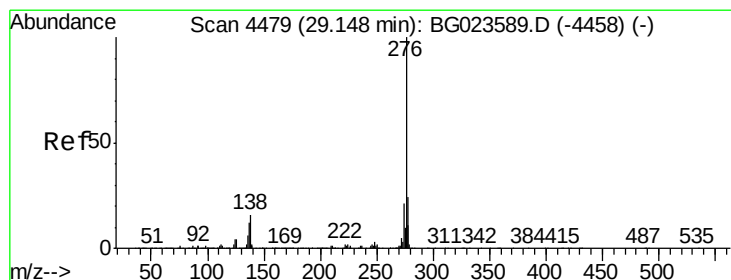
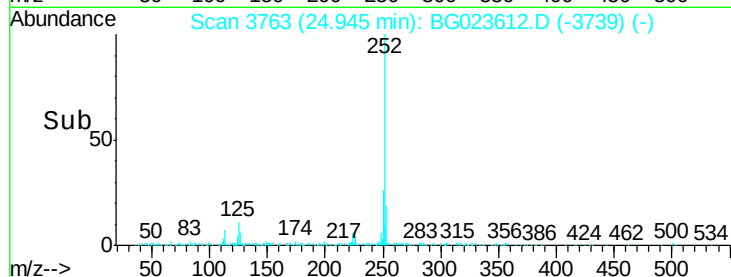
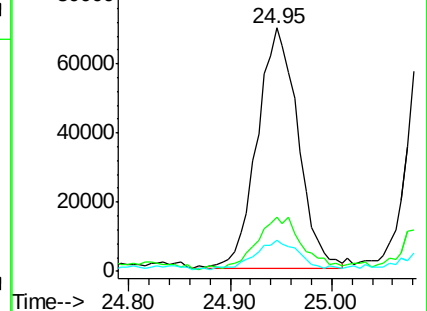
125 12.5 12.0 18.0



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: 1.76 ng/ul

RT: 29.15 min Scan# 4478

Delta R.T. -0.00 min

Lab File: BG023612.D

Acq: 11 Aug 2016 3:52

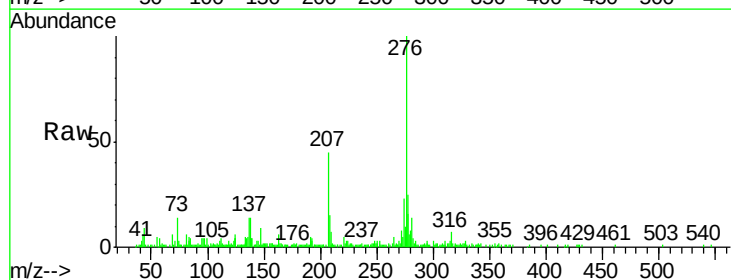
Tgt Ion:276 Resp: 136972

Ion Ratio Lower Upper

276 100

138 18.2 20.8 31.2#

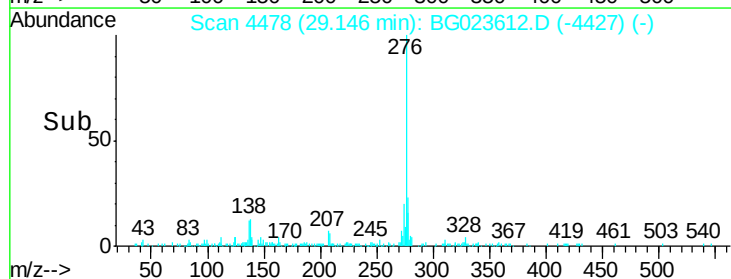
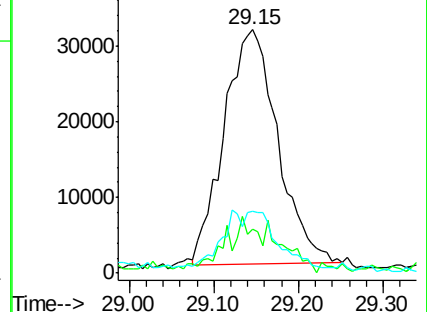
277 25.3 17.6 26.4

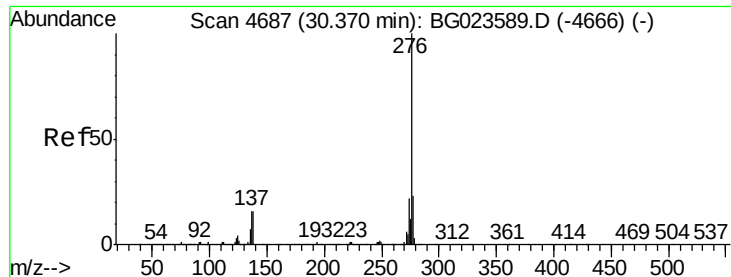


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(g,h,i)perylene

Concen: 2.57 ng/ul

RT: 30.37 min Scan# 4686

Delta R.T. -0.00 min

Lab File: BG023612.D

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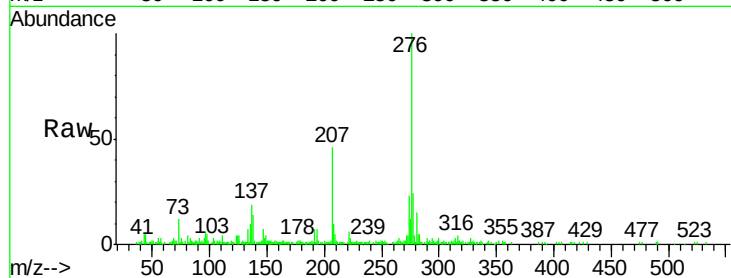
Tgt Ion: 276 Resp: 165524

Ion Ratio Lower Upper

276 100

138 14.5 22.1 33.1#

277 24.1 17.0 25.4



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

