

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
 Data File : BP020374.D
 Acq On : 14 May 2024 19:51
 Operator : MA/JU
 Sample : P2372-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A43T4

Quant Time: May 15 00:01:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 14 23:58:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

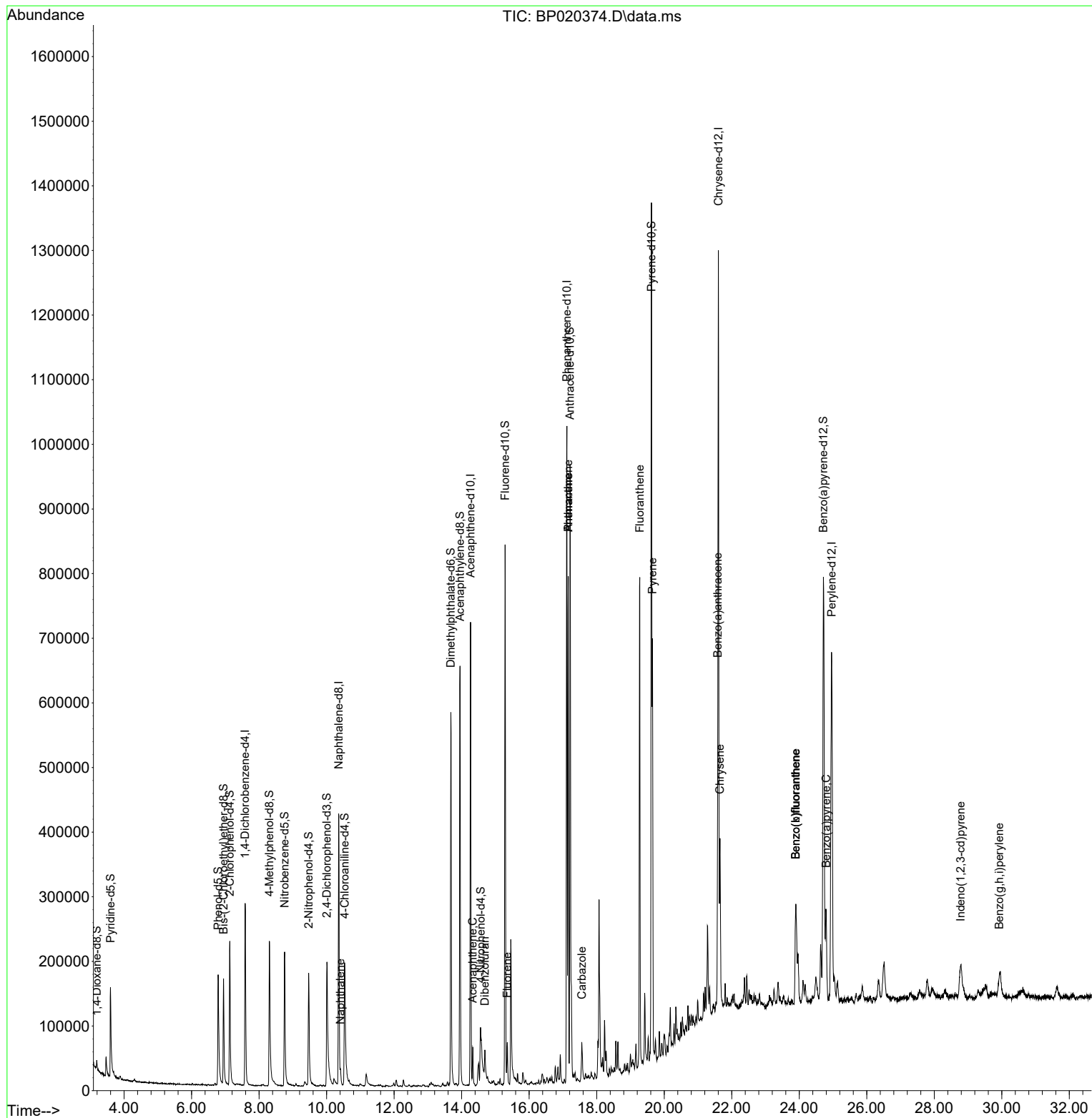
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	84836	20.000	ng/ul	0.00
20) Naphthalene-d8	10.357	136	356700	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	257777	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	613723	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	617601	20.000	ng/ul	0.00
88) Perylene-d12	24.963	264	674734	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	7200	3.584	ng/uL	0.00
4) Pyridine-d5	3.599	84	92733	15.888	ng/ul	0.00
7) Phenol-d5	6.787	99	128959	17.700	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	83410	18.846	ng/ul	0.00
11) 2-Chlorophenol-d4	7.134	132	107571	20.654	ng/ul	0.00
15) 4-Methylphenol-d8	8.305	113	108983	18.502	ng/ul	0.00
21) Nitrobenzene-d5	8.757	128	54100	20.254	ng/ul	0.00
24) 2-Nitrophenol-d4	9.469	143	63030	20.606	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.010	165	107403	19.242	ng/ul	0.00
31) 4-Chloroaniline-d4	10.534	131	138680	17.752	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	437946	23.265	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	447843	21.536	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	23155	8.003	ng/ul	0.02
60) Fluorene-d10	15.287	176	357764	22.786	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.634	200	67	0.017	ng/ul	0.18
73) Anthracene-d10	17.210	188	571112	21.511	ng/ul	0.00
81) Pyrene-d10	19.622	212	742830	20.576	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.715	264	737139	22.595	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.410	128	18564	1.010	ng/ul#	95
52) Acenaphthene	14.328	153	23618	1.503	ng/ul	98
56) Dibenzofuran	14.687	168	30848	1.427	ng/ul	99
61) Fluorene	15.351	166	28350	1.578	ng/ul	89
72) Phenanthrene	17.157	178	480395	15.342	ng/ul	98
74) Anthracene	17.157	178	480395	15.084	ng/ul	98
77) Carbazole	17.563	167	43264	1.577	ng/ul	98
80) Fluoranthene	19.275	202	507700	11.950	ng/ul	98
82) Pyrene	19.651	202	436183	9.867	ng/ul	100
85) Benzo(a)anthracene	21.586	228	198948	4.749	ng/ul	99
87) Chrysene	21.651	228	179165	4.615	ng/ul	98
90) Benzo(b)fluoranthene	23.898	252	206903	5.155	ng/ul	98
91) Benzo(k)fluoranthene	23.898	252	206903	5.058	ng/ul	96
93) Benzo(a)pyrene	24.798	252	157452	4.123	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.780	276	97614	2.085	ng/ul	97
96) Benzo(g,h,i)perylene	29.927	276	43122	1.142	ng/ul	96

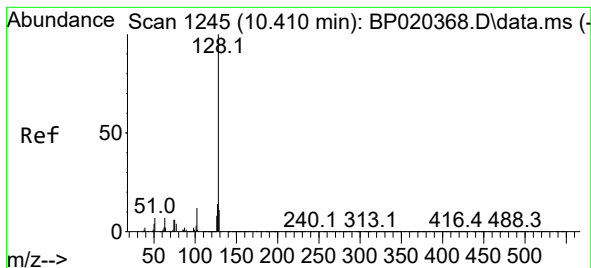
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 14 23:58:44 2024
Response via : Initial Calibration





#30

Naphthalene

Concen: 1.010 ng/ul

RT: 10.410 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP020374.D

Acq: 14 May 2024 19:51

Instrument :

BNP_P

ClientSampleId :

A43T4

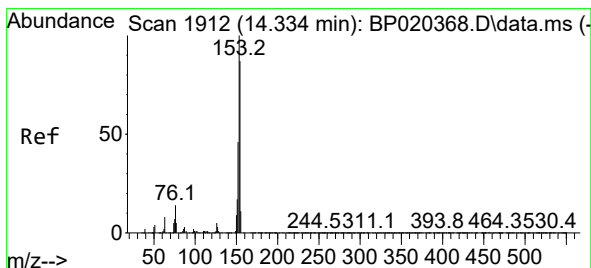
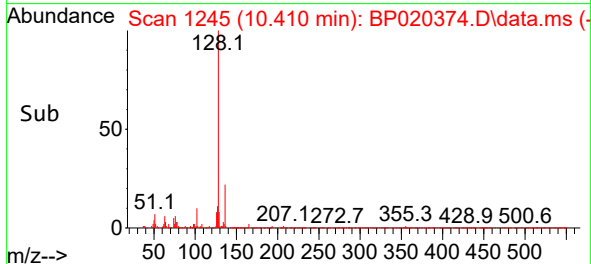
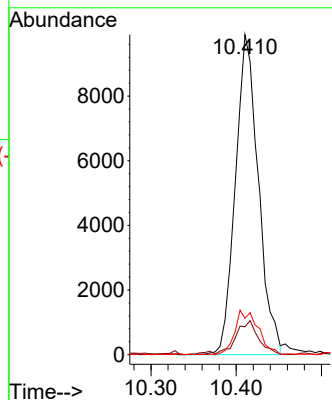
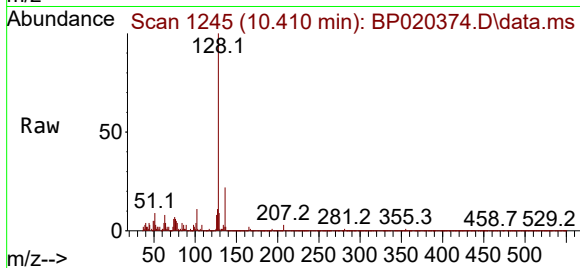
Tgt Ion:128 Resp: 18564

Ion Ratio Lower Upper

128 100

129 8.7 8.9 13.3#

127 11.4 10.6 16.0



#52

Acenaphthene

Concen: 1.503 ng/ul

RT: 14.328 min Scan# 1911

Delta R.T. -0.006 min

Lab File: BP020374.D

Acq: 14 May 2024 19:51

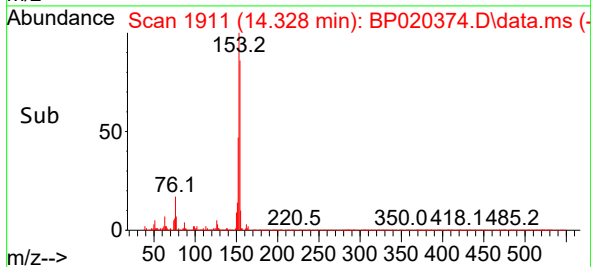
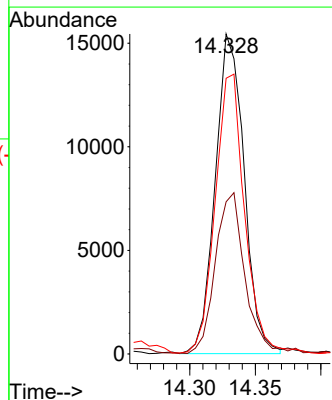
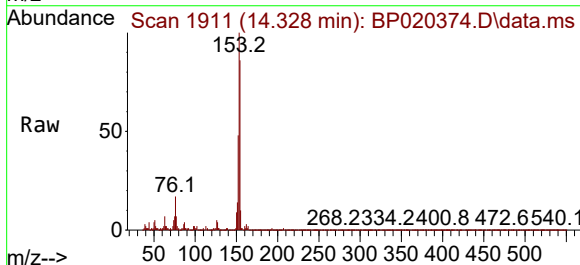
Tgt Ion:153 Resp: 23618

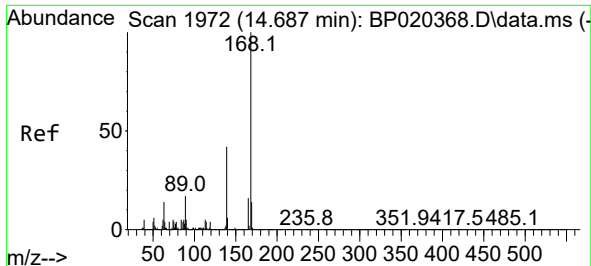
Ion Ratio Lower Upper

153 100

152 47.6 37.4 56.2

154 86.2 70.3 105.5

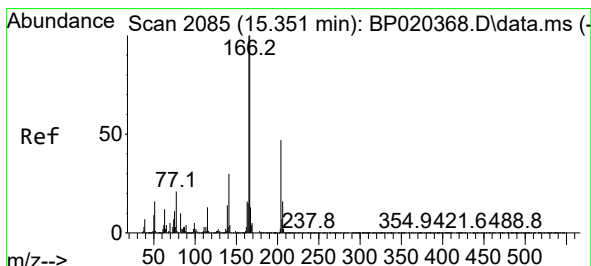
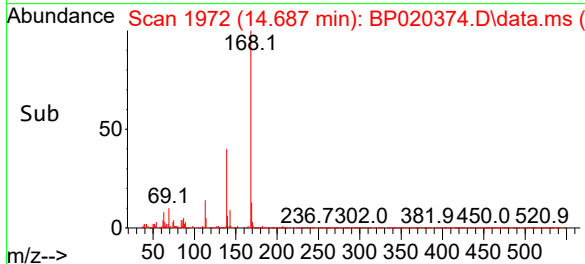
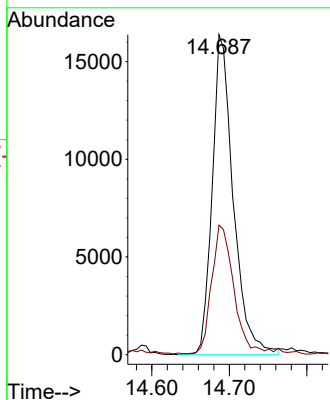
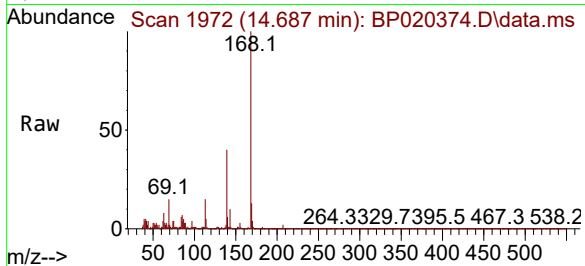




#56
Dibenzenofuran
Concen: 1.427 ng/ul
RT: 14.687 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BP020374.D
Acq: 14 May 2024 19:51

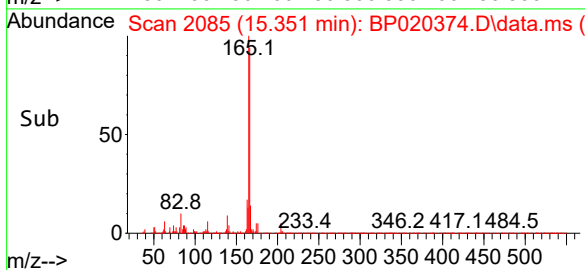
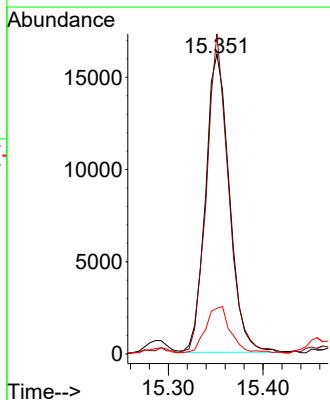
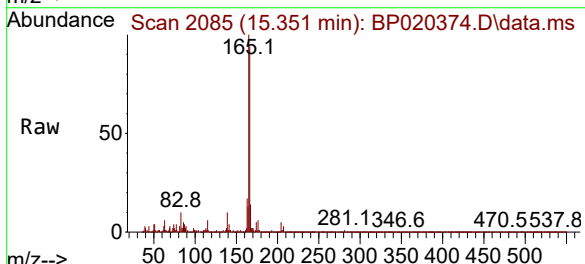
Instrument :
BNA_P
ClientSampleId :
A43T4

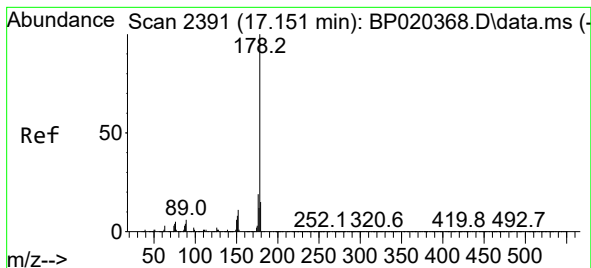
Tgt Ion:168 Resp: 30848
Ion Ratio Lower Upper
168 100
139 40.5 32.7 49.1



#61
Fluorene
Concen: 1.578 ng/ul
RT: 15.351 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BP020374.D
Acq: 14 May 2024 19:51

Tgt Ion:166 Resp: 28350
Ion Ratio Lower Upper
166 100
165 106.7 76.2 114.2
167 15.2 10.3 15.5





#72

Phenanthrene

Concen: 15.342 ng/ul

RT: 17.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020374.D

Acq: 14 May 2024 19:51

Instrument :

BNA_P

ClientSampleId :

A43T4

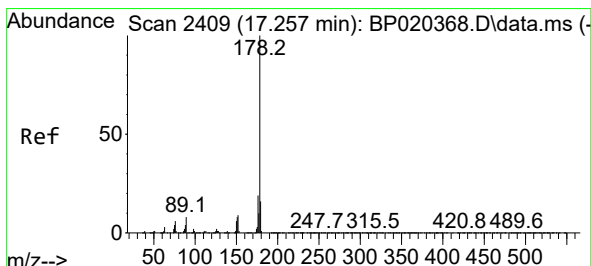
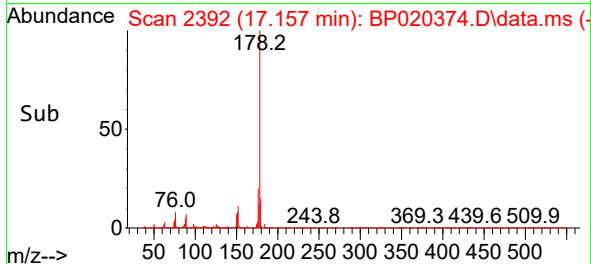
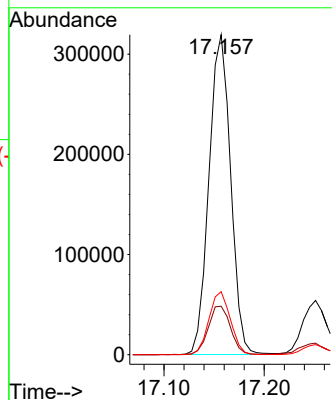
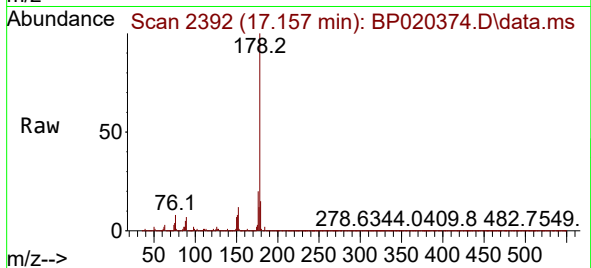
Tgt Ion:178 Resp: 480395

Ion Ratio Lower Upper

178 100

179 15.1 13.0 19.6

176 19.7 15.2 22.8



#74

Anthracene

Concen: 15.084 ng/ul

RT: 17.157 min Scan# 2392

Delta R.T. -0.100 min

Lab File: BP020374.D

Acq: 14 May 2024 19:51

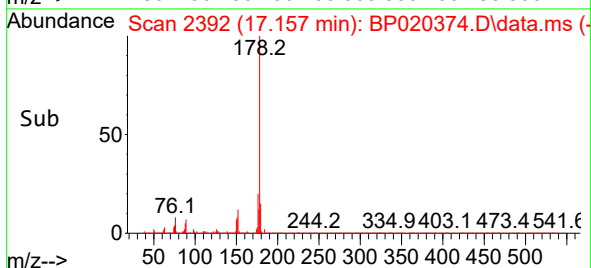
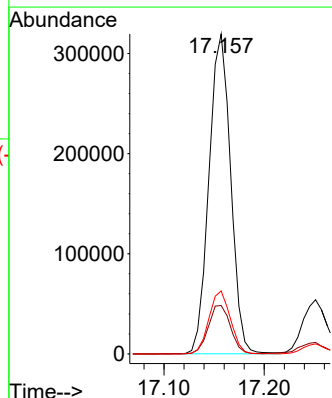
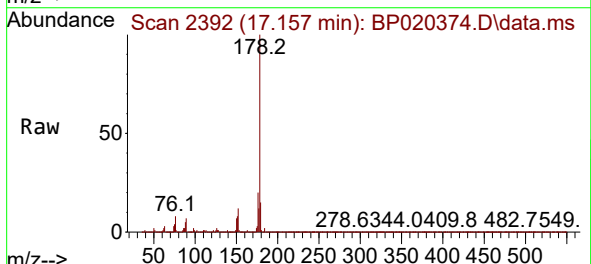
Tgt Ion:178 Resp: 480395

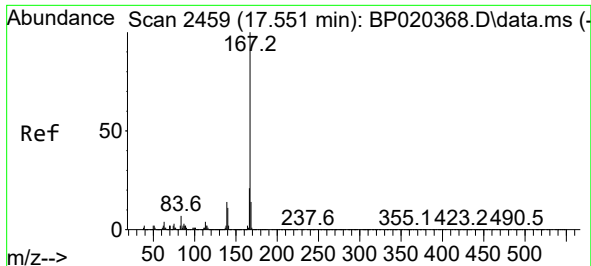
Ion Ratio Lower Upper

178 100

179 15.1 12.0 18.0

176 19.7 14.8 22.2

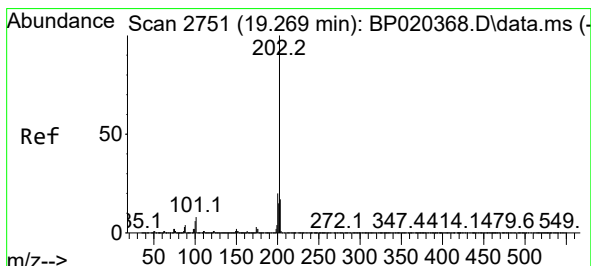
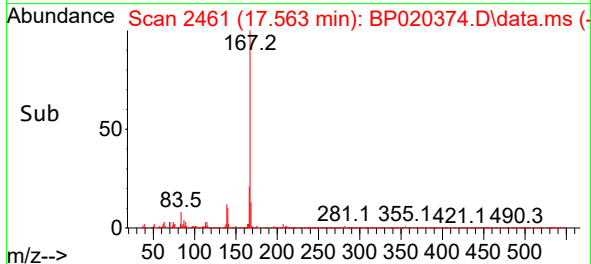
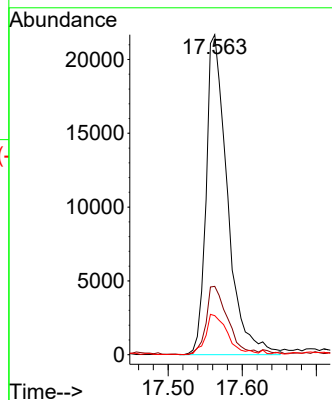
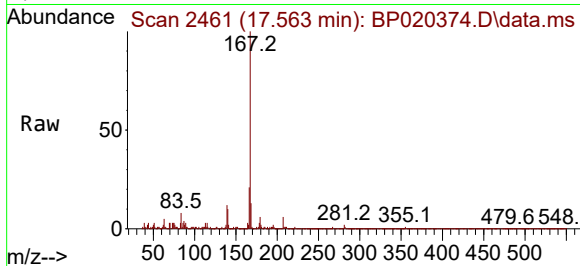




#77
 Carbazole
 Concen: 1.577 ng/ul
 RT: 17.563 min Scan# 2459
 Delta R.T. 0.012 min
 Lab File: BP020374.D
 Acq: 14 May 2024 19:51

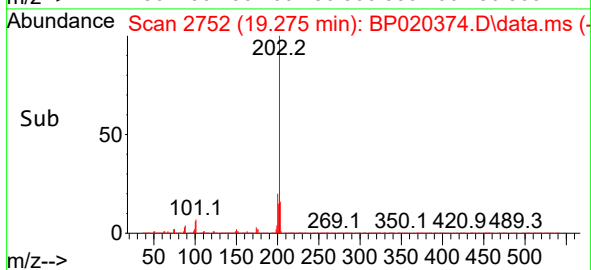
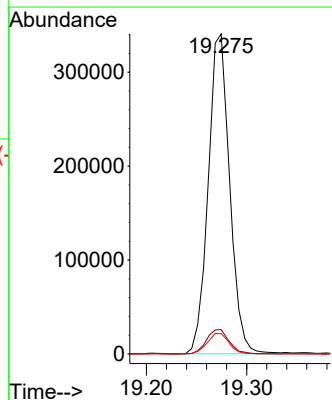
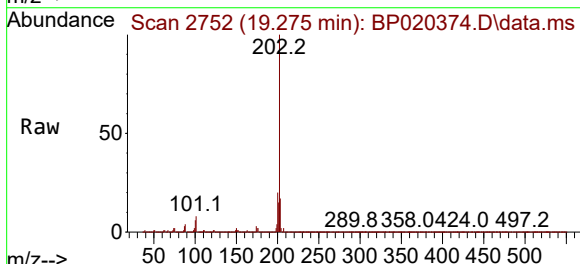
Instrument :
 BNA_P
 ClientSampleId :
 A43T4

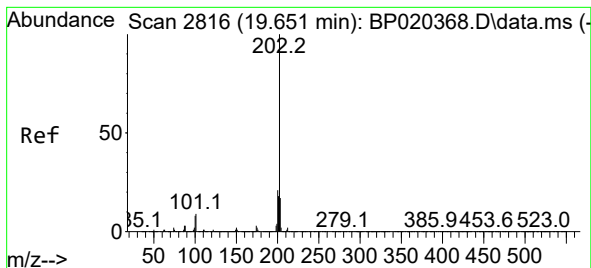
Tgt Ion:	167	Resp:	43264
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.4	26.0
139	12.2	11.0	16.4



#80
 Fluoranthene
 Concen: 11.950 ng/ul
 RT: 19.275 min Scan# 2752
 Delta R.T. 0.006 min
 Lab File: BP020374.D
 Acq: 14 May 2024 19:51

Tgt Ion:	202	Resp:	507700
Ion Ratio	Lower	Upper	
202	100		
101	7.6	7.0	10.4
100	6.4	5.5	8.3





#82

Pyrene

Concen: 9.867 ng/ul

RT: 19.651 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020374.D

Acq: 14 May 2024 19:51

Instrument :

BNA_P

ClientSampleId :

A43T4

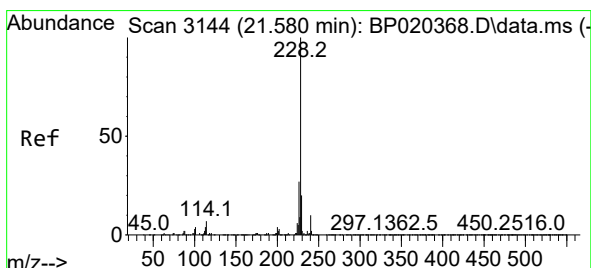
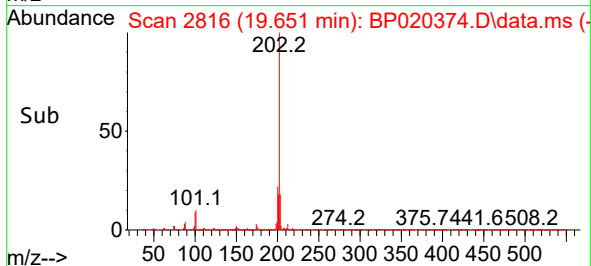
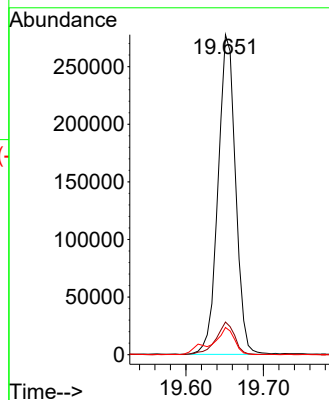
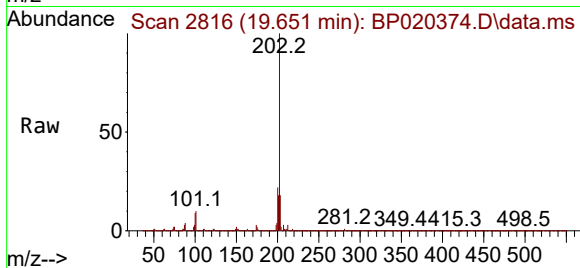
Tgt Ion:202 Resp: 436183

Ion Ratio Lower Upper

202 100

101 10.2 8.1 12.1

100 8.5 6.8 10.2



#85

Benzo(a)anthracene

Concen: 4.749 ng/ul

RT: 21.586 min Scan# 3145

Delta R.T. 0.006 min

Lab File: BP020374.D

Acq: 14 May 2024 19:51

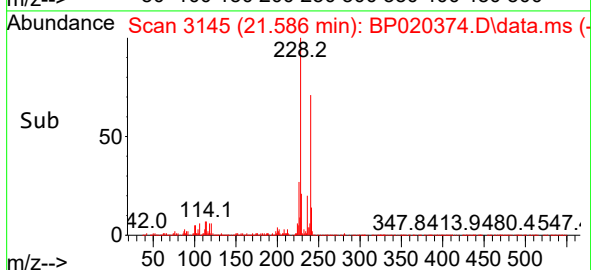
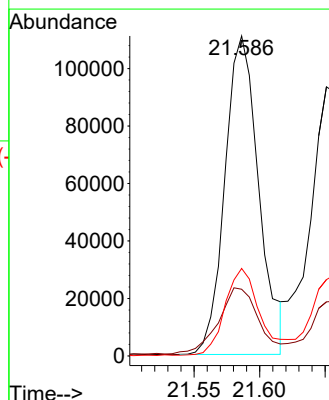
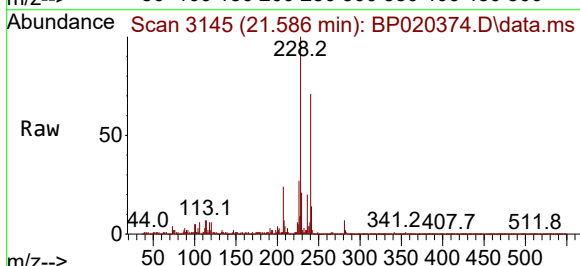
Tgt Ion:228 Resp: 198948

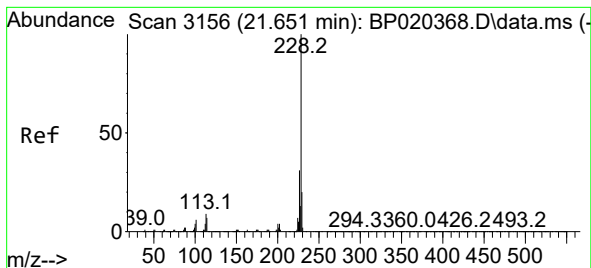
Ion Ratio Lower Upper

228 100

229 20.9 15.8 23.8

226 27.3 21.5 32.3





#87

Chrysene

Concen: 4.615 ng/ul

RT: 21.651 min Scan# 3156

Delta R.T. 0.000 min

Lab File: BP020374.D

Acq: 14 May 2024 19:51

Instrument :

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A43T4

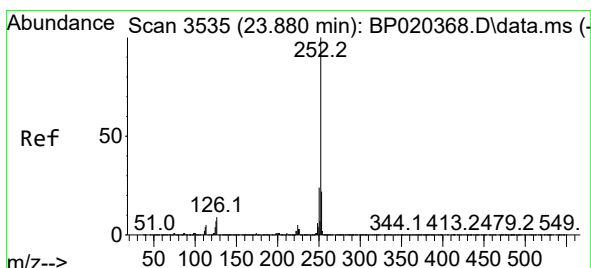
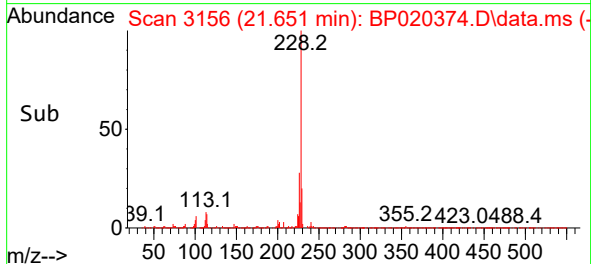
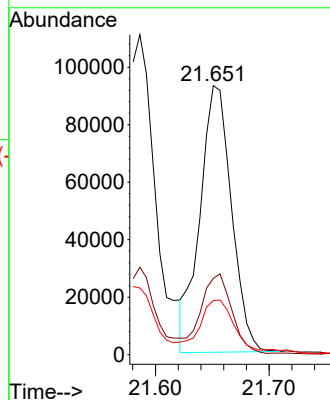
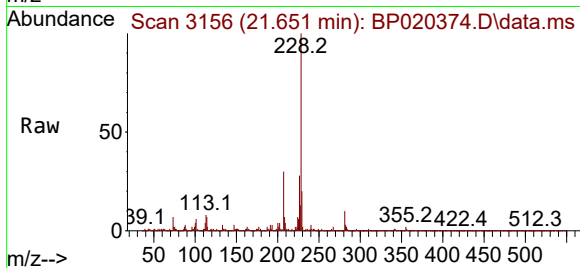
Tgt Ion:228 Resp: 179165

Ion Ratio Lower Upper

228 100

226 28.4 24.2 36.4

229 20.1 15.9 23.9



#90

Benzo(b)fluoranthene

Concen: 5.155 ng/ul

RT: 23.898 min Scan# 3538

Delta R.T. 0.018 min

Lab File: BP020374.D

Acq: 14 May 2024 19:51

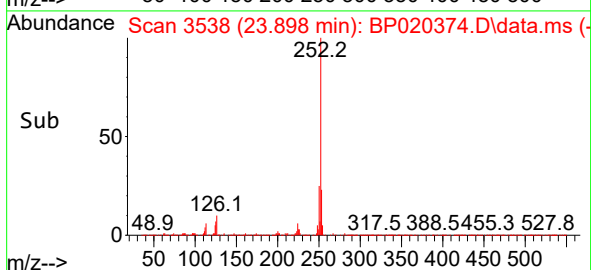
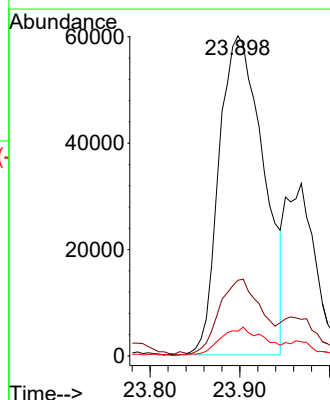
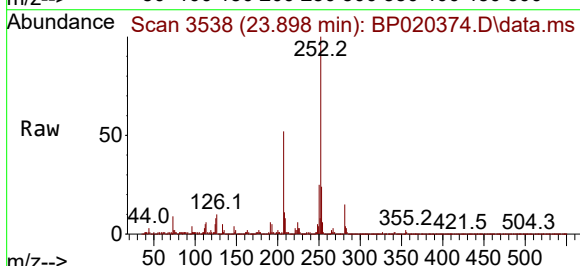
Tgt Ion:252 Resp: 206903

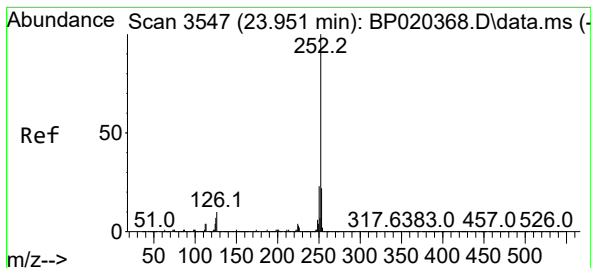
Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

125 7.7 6.2 9.2





#91

Benzo(k)fluoranthene

Concen: 5.058 ng/ul

RT: 23.898 min Scan# 3538

Delta R.T. -0.053 min

Lab File: BP020374.D

Acq: 14 May 2024 19:51

Instrument :

BNA_P

ClientSampleId :

A43T4

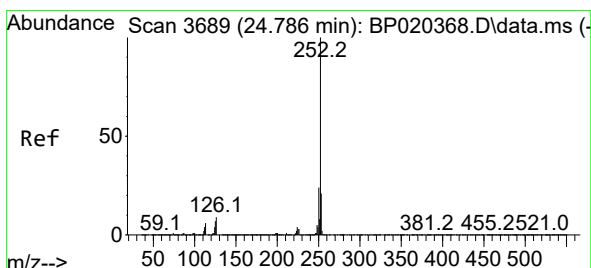
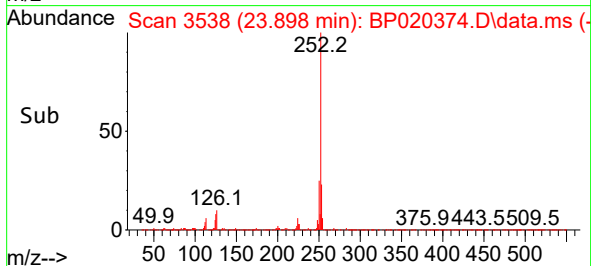
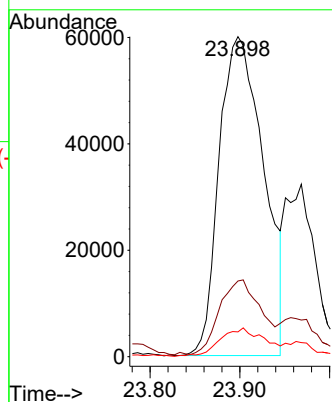
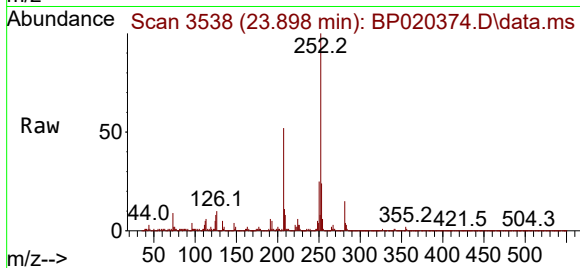
Tgt Ion:252 Resp: 206903

Ion Ratio Lower Upper

252 100

253 23.7 17.3 25.9

125 7.7 5.6 8.4



#93

Benzo(a)pyrene

Concen: 4.123 ng/ul

RT: 24.798 min Scan# 3691

Delta R.T. 0.012 min

Lab File: BP020374.D

Acq: 14 May 2024 19:51

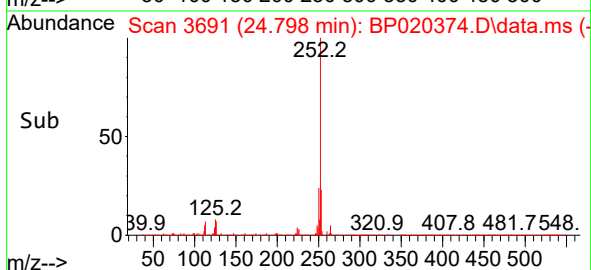
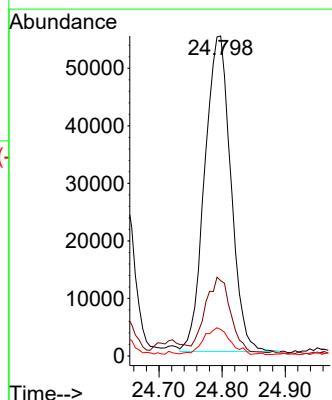
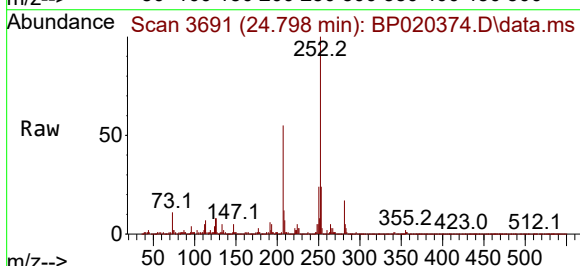
Tgt Ion:252 Resp: 157452

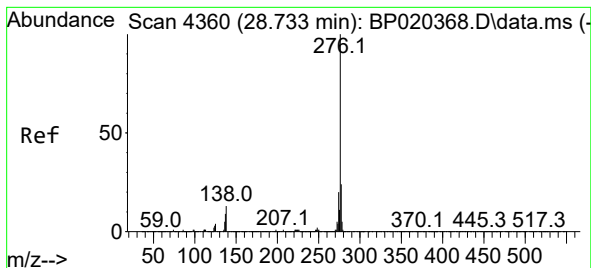
Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.0

125 8.2 6.6 10.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.085 ng/ul

RT: 28.780 min Scan# 41

Delta R.T. 0.047 min

Lab File: BP020374.D

Acq: 14 May 2024 19:51

Instrument :

BNA_P

ClientSampleId :

A43T4

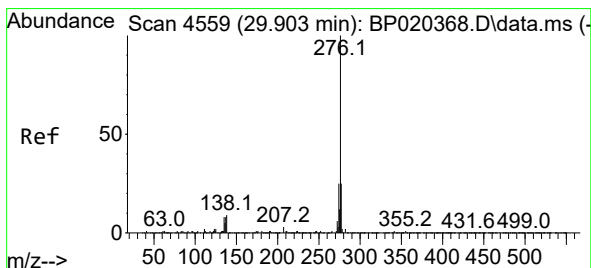
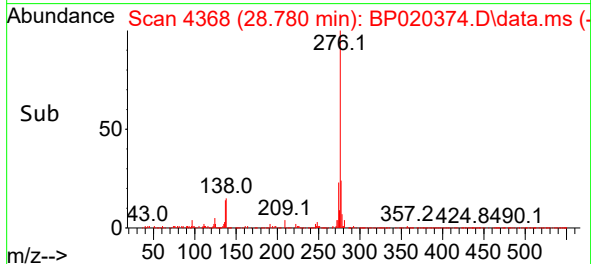
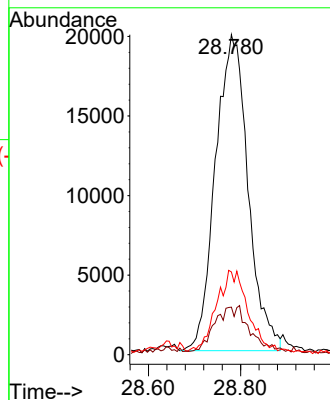
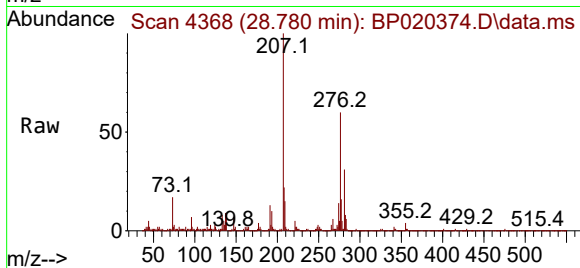
Tgt Ion:276 Resp: 97614

Ion Ratio Lower Upper

276 100

138 14.9 12.3 18.5

277 25.8 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 1.142 ng/ul

RT: 29.927 min Scan# 4563

Delta R.T. 0.024 min

Lab File: BP020374.D

Acq: 14 May 2024 19:51

Tgt Ion:276 Resp: 43122

Ion Ratio Lower Upper

276 100

138 13.6 11.6 17.4

277 22.0 19.4 29.0

