

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014984.D
 Acq On : 05 May 2023 15:22
 Operator : CG/JU
 Sample : 02479-15DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW974DL

Quant Time: May 05 23:19:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

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

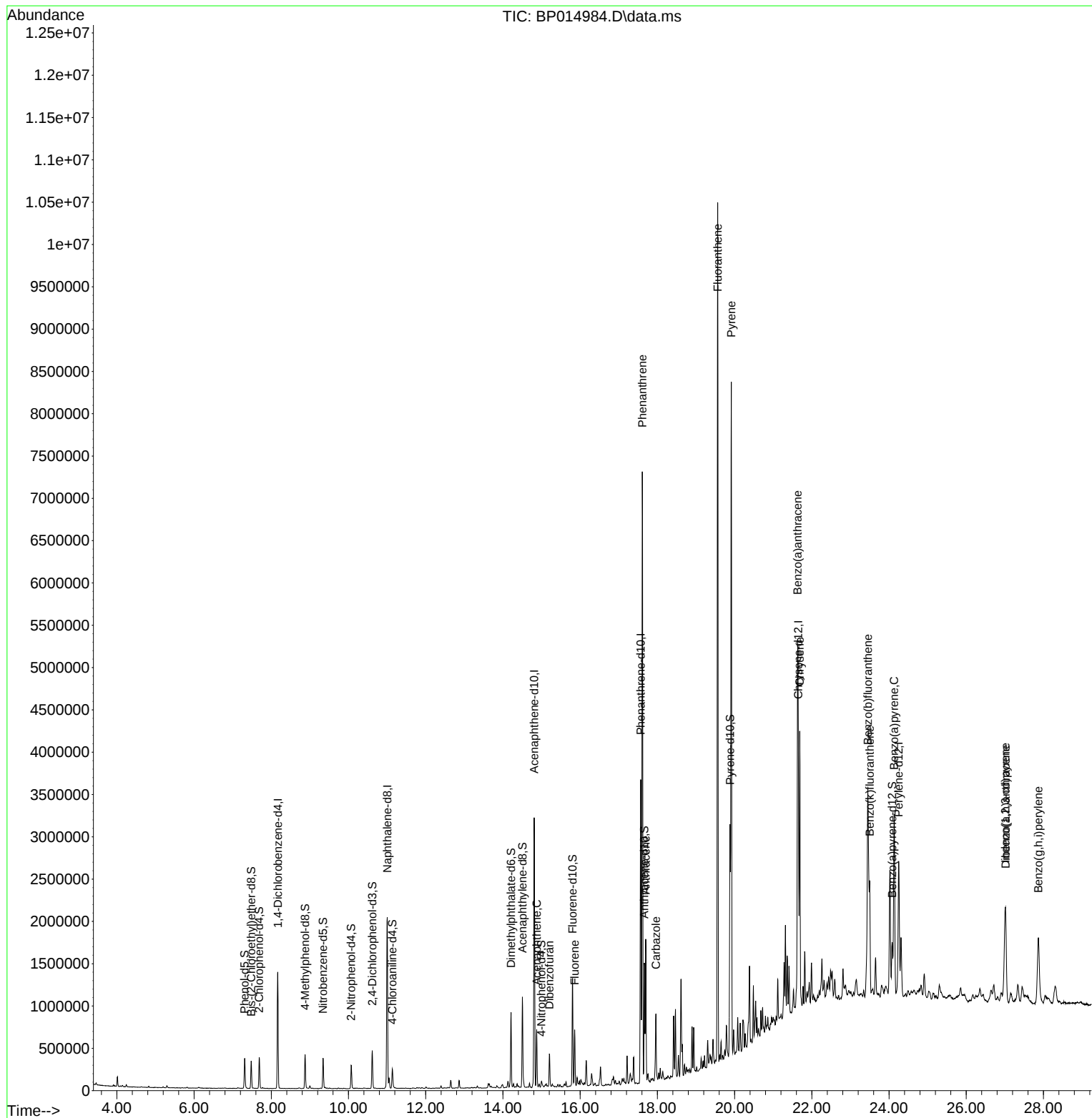
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	382118	20.000	ng/u1	0.00
20) Naphthalene-d8	11.004	136	1720748	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	1052429	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.569	188	2156781	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	1203890	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1311430	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	10231	0.996	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.310	99	216005	6.520	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	138522	6.765	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	171429	7.037	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	157578	6.172	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	87509	7.150	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	92393	7.352	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	167500	6.788	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	133719	3.747	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	560298	7.522	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	667013	7.467	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	17230	1.330	ng/u1	0.00
60) Fluorene-d10	15.804	176	497635	7.766	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.663	188	732042	7.554	ng/u1	0.00
81) Pyrene-d10	19.886	212	715295	8.809	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	496240	7.766	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.875	153	260677	3.720	ng/u1	98
56) Dibenzofuran	15.204	168	232034	2.454	ng/u1	100
61) Fluorene	15.857	166	285953	3.833	ng/u1	100
72) Phenanthrene	17.610	178	4351602	36.521	ng/u1	99
74) Anthracene	17.698	178	1015584	8.561	ng/u1	100
77) Carbazole	17.963	167	461384	4.624	ng/u1	99
80) Fluoranthene	19.563	202	6059003	60.813	ng/u1	98
82) Pyrene	19.916	202	4919711	46.606	ng/u1	98
85) Benzo(a)anthracene	21.633	228	1982711	24.674	ng/u1	99
87) Chrysene	21.686	228	1919536	23.724	ng/u1	97
90) Benzo(b)fluoranthene	23.451	252	2470424	29.148	ng/u1	98
91) Benzo(k)fluoranthene	23.498	252	763607	8.853	ng/u1	98
93) Benzo(a)pyrene	24.133	252	1719355	23.131	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.015	276	1310185	14.450	ng/u1	96
95) Dibenzo(a,h)anthracene	27.021	278	313602	4.220	ng/u1#	82
96) Benzo(g,h,i)perylene	27.868	276	1093659	14.172	ng/u1	98

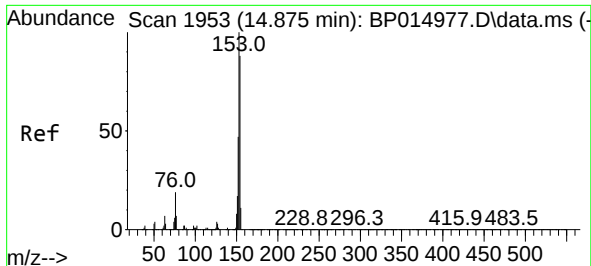
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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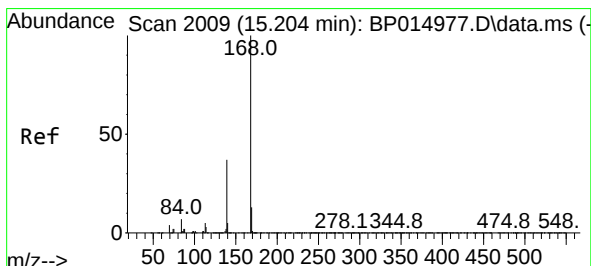
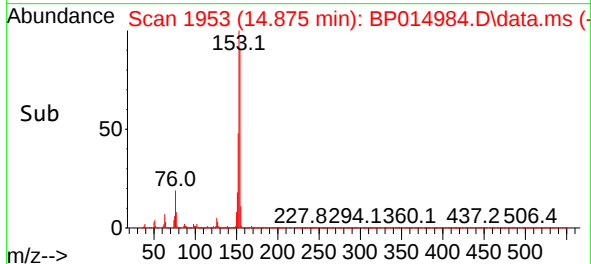
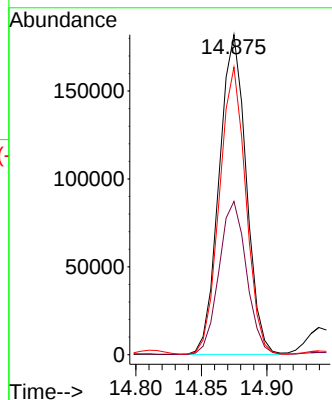
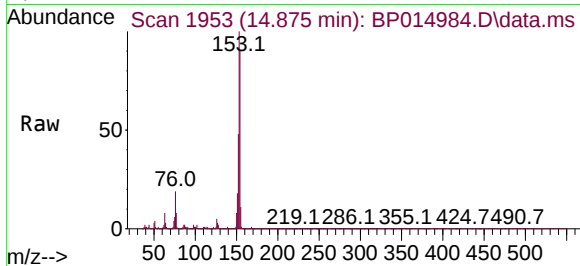




#52
Acenaphthene
Concen: 3.720 ng/ul
RT: 14.875 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP014984.D
Acq: 05 May 2023 15:22

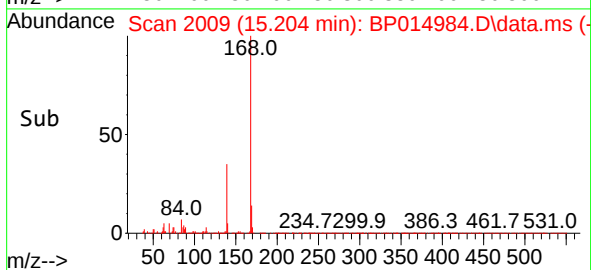
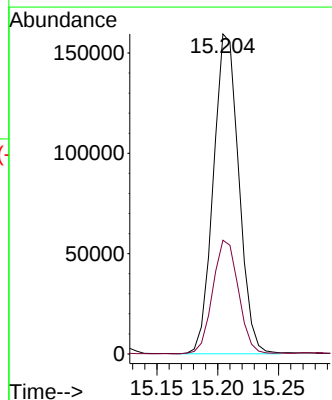
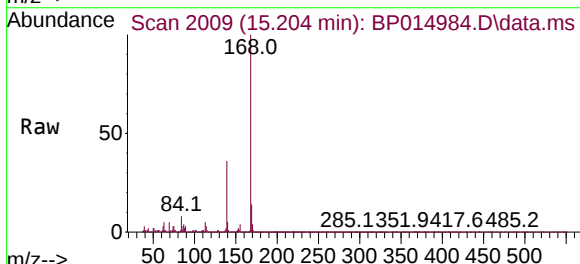
Instrument :
BNA_P
ClientSampleId :
EW974DL

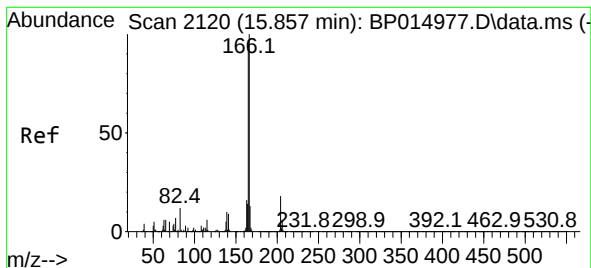
Tgt Ion:153 Resp: 260677
Ion Ratio Lower Upper
153 100
152 47.9 38.8 58.2
154 89.8 69.6 104.4



#56
Dibenzofuran
Concen: 2.454 ng/ul
RT: 15.204 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BP014984.D
Acq: 05 May 2023 15:22

Tgt Ion:168 Resp: 232034
Ion Ratio Lower Upper
168 100
139 35.6 28.6 42.8





#61

Fluorene

Concen: 3.833 ng/ul

RT: 15.857 min Scan# 2120

Delta R.T. 0.000 min

Lab File: BP014984.D

Acq: 05 May 2023 15:22

Instrument :

BNA_P

ClientSampleId :

EW974DL

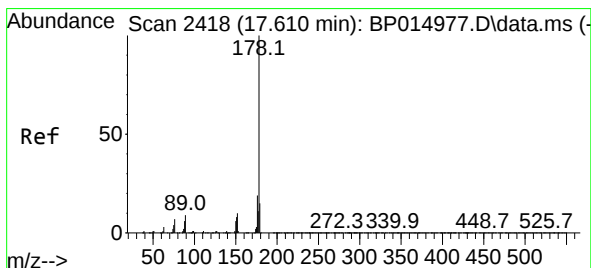
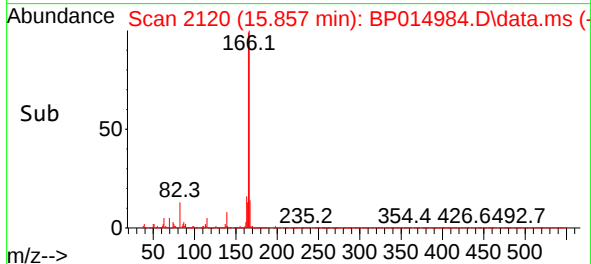
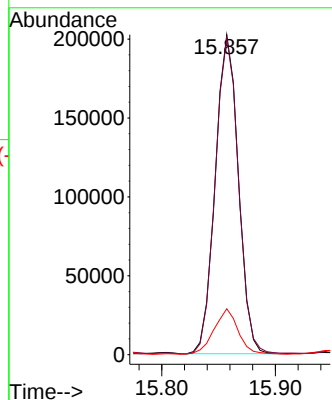
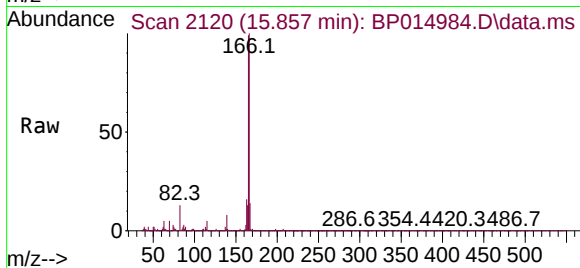
Tgt Ion:166 Resp: 285953

Ion Ratio Lower Upper

166 100

165 99.1 79.3 118.9

167 14.4 10.7 16.1



#72

Phenanthrene

Concen: 36.521 ng/ul

RT: 17.610 min Scan# 2418

Delta R.T. 0.000 min

Lab File: BP014984.D

Acq: 05 May 2023 15:22

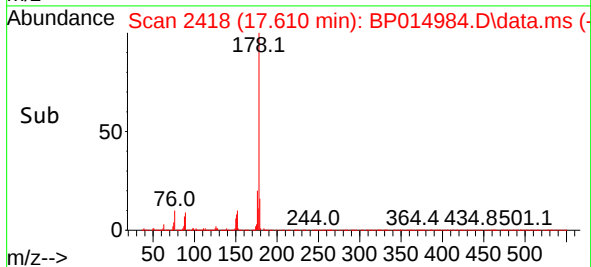
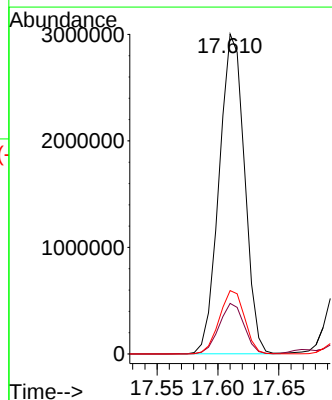
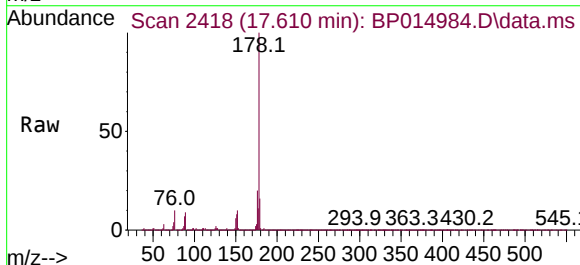
Tgt Ion:178 Resp: 4351602

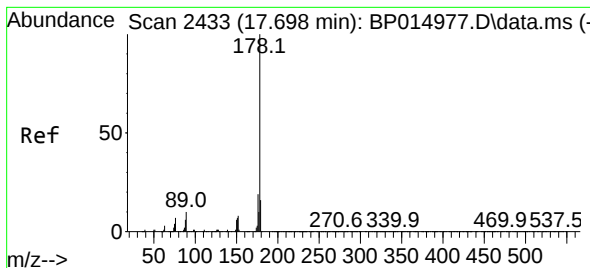
Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.4

176 19.8 15.4 23.0





#74

Anthracene

Concen: 8.561 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP014984.D

Acq: 05 May 2023 15:22

Instrument :

BNA_P

ClientSampleId :

EW974DL

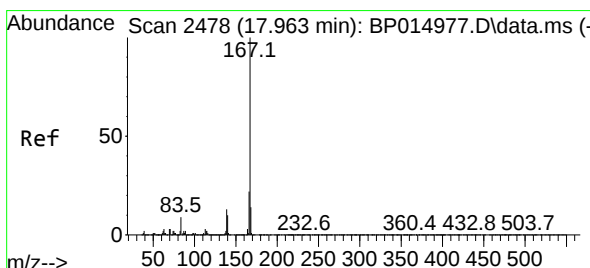
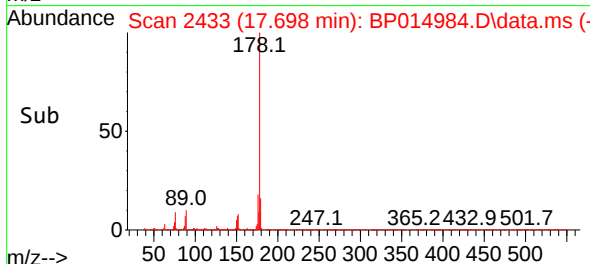
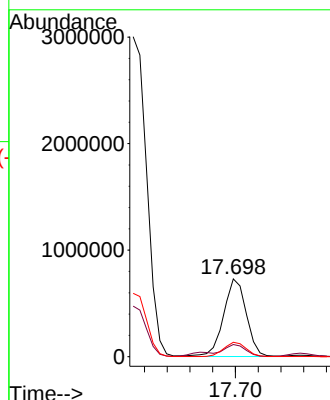
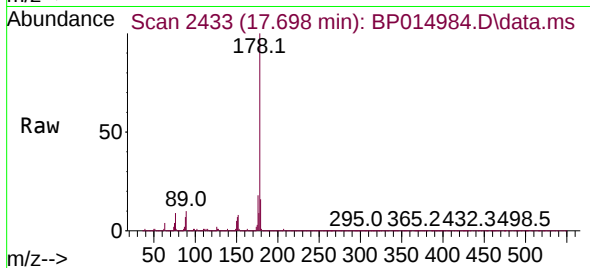
Tgt Ion:178 Resp: 1015584

Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

176 18.4 15.0 22.4



#77

Carbazole

Concen: 4.624 ng/ul

RT: 17.963 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BP014984.D

Acq: 05 May 2023 15:22

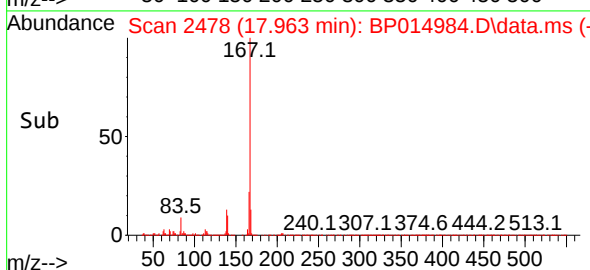
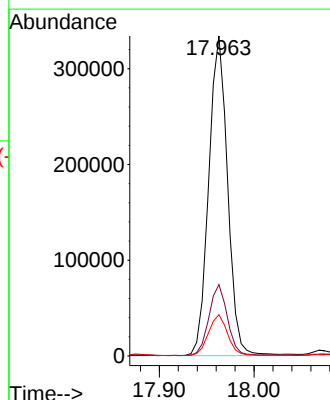
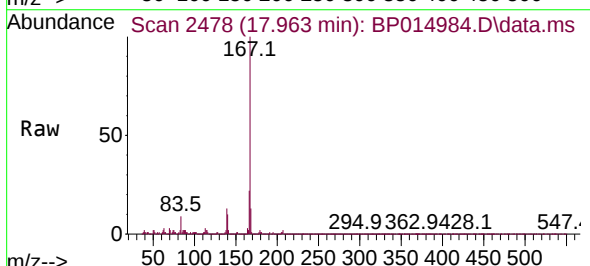
Tgt Ion:167 Resp: 461384

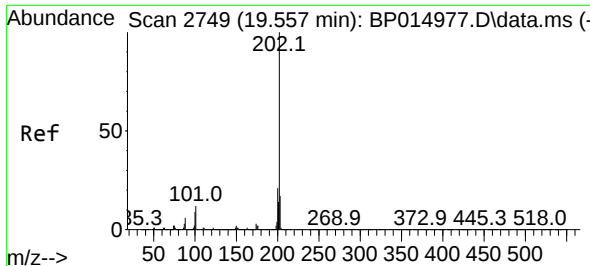
Ion Ratio Lower Upper

167 100

166 22.3 17.1 25.7

139 12.9 10.1 15.1

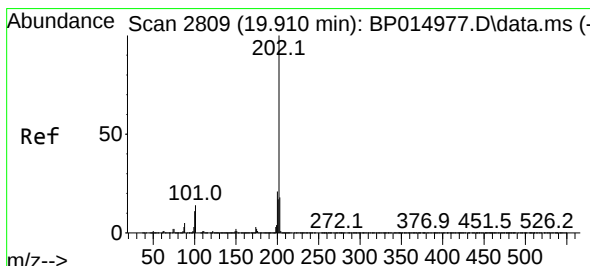
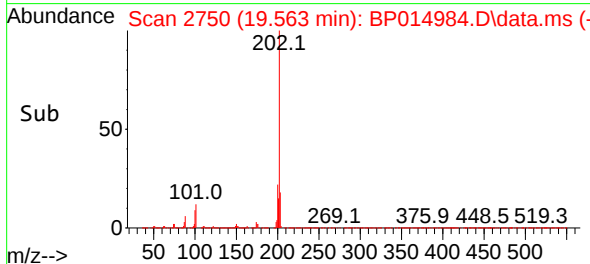
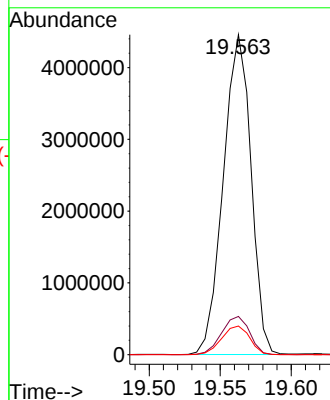
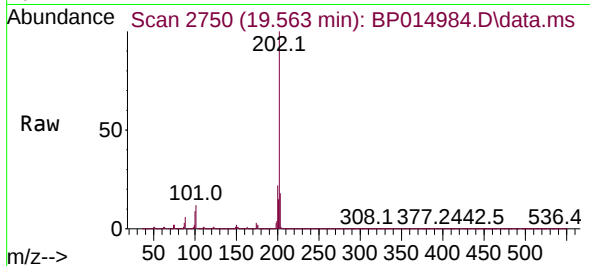




#80
Fluoranthene
Concen: 60.813 ng/u1
RT: 19.563 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP014984.D
Acq: 05 May 2023 15:22

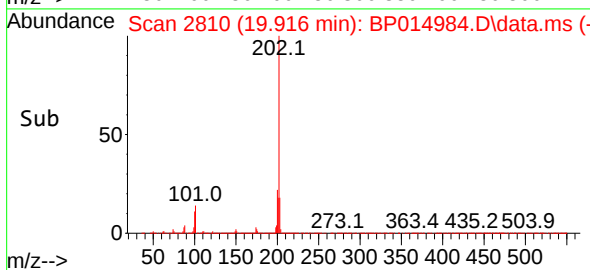
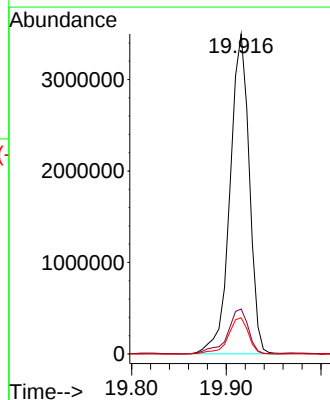
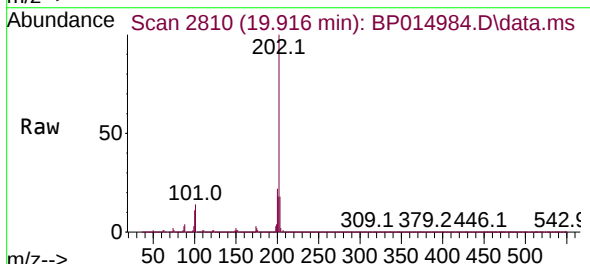
Instrument :
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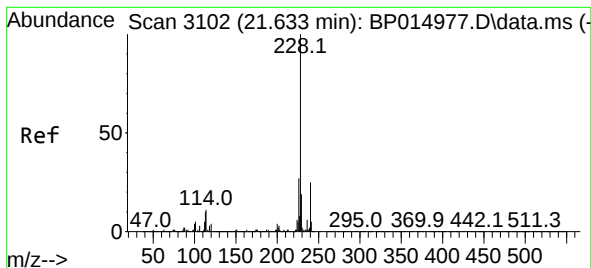
Tgt Ion:202 Resp: 6059003
Ion Ratio Lower Upper
202 100
101 11.9 10.1 15.1
100 9.0 7.7 11.5



#82
Pyrene
Concen: 46.606 ng/u1
RT: 19.916 min Scan# 2810
Delta R.T. 0.006 min
Lab File: BP014984.D
Acq: 05 May 2023 15:22

Tgt Ion:202 Resp: 4919711
Ion Ratio Lower Upper
202 100
101 14.1 11.9 17.9
100 11.3 9.7 14.5





#85

Benzo(a)anthracene

Concen: 24.674 ng/ul

RT: 21.633 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BP014984.D

Acq: 05 May 2023 15:22

Instrument :

BNA_P

ClientSampleId :

EW974DL

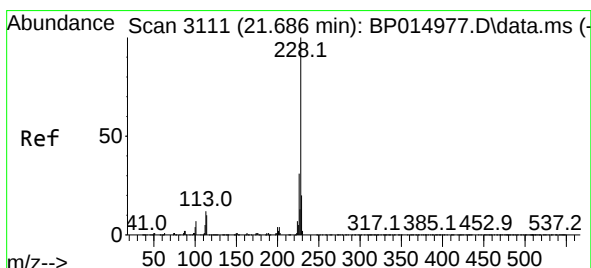
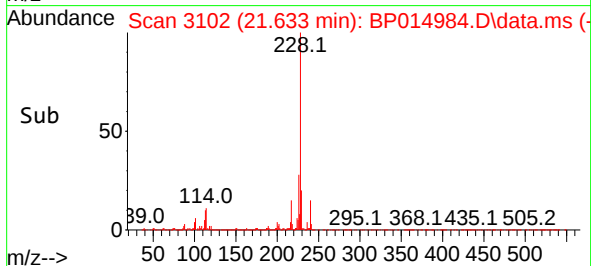
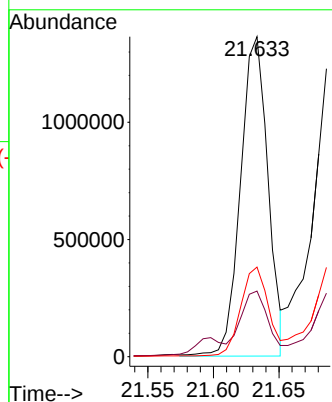
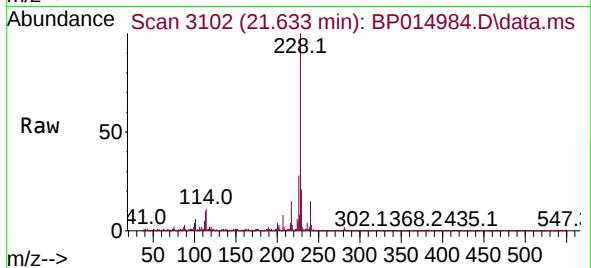
Tgt Ion:228 Resp: 1982711

Ion Ratio Lower Upper

228 100

229 20.5 15.9 23.9

226 28.0 22.1 33.1



#87

Chrysene

Concen: 23.724 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BP014984.D

Acq: 05 May 2023 15:22

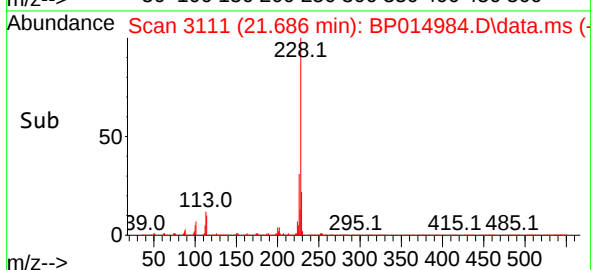
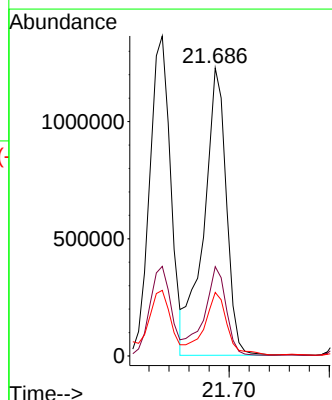
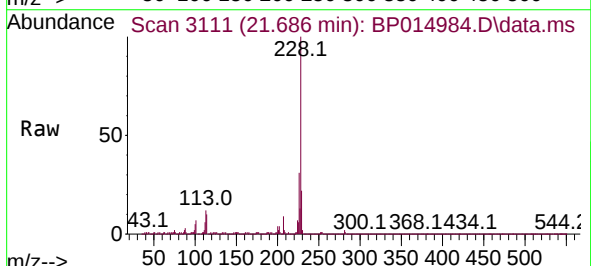
Tgt Ion:228 Resp: 1919536

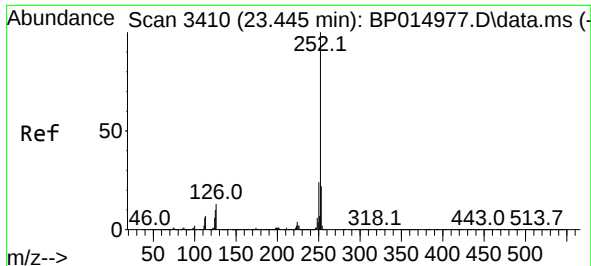
Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

229 22.1 15.8 23.8

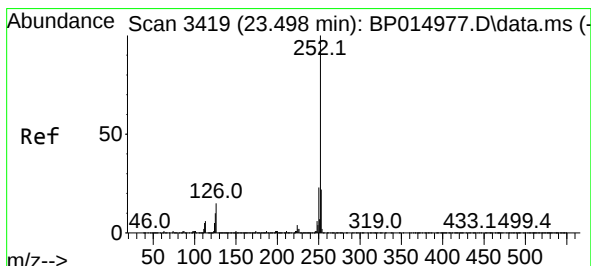
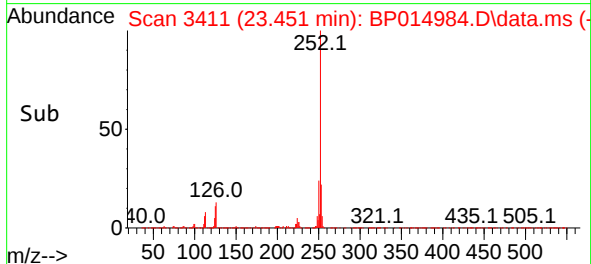
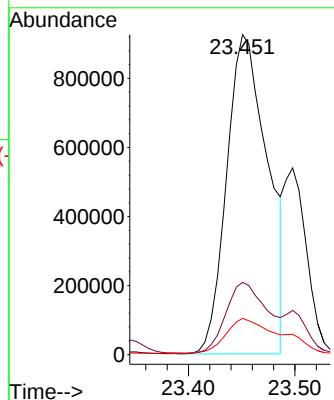
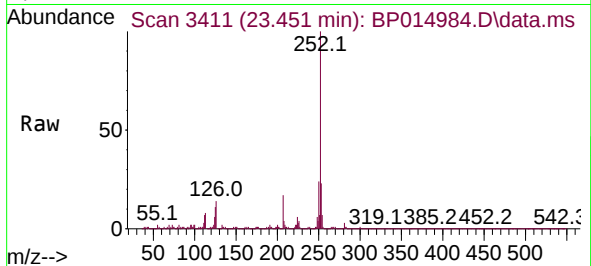




#90
Benzo(b)fluoranthene
Concen: 29.148 ng/ul
RT: 23.451 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP014984.D
Acq: 05 May 2023 15:22

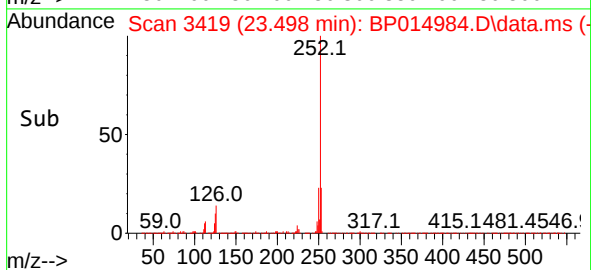
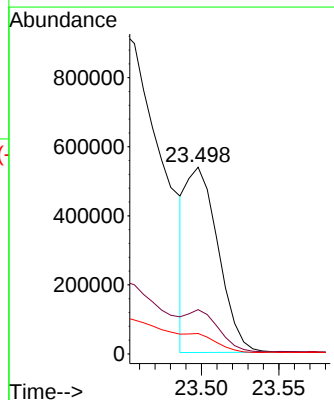
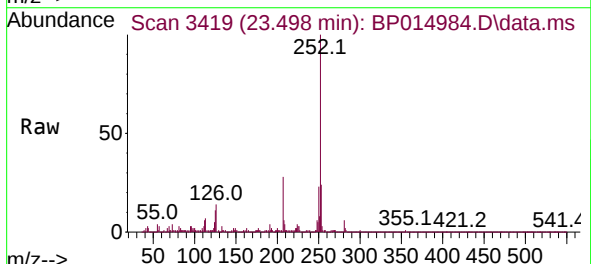
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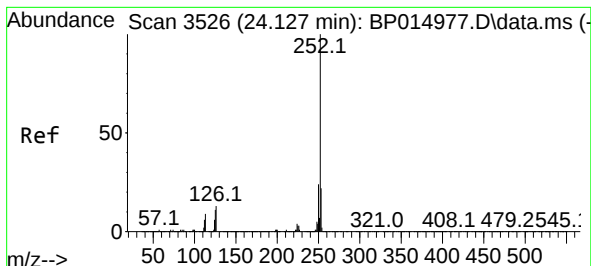
Tgt Ion:252 Resp: 2470424
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 11.4 8.4 12.6



#91
Benzo(k)fluoranthene
Concen: 8.853 ng/ul
RT: 23.498 min Scan# 3419
Delta R.T. 0.000 min
Lab File: BP014984.D
Acq: 05 May 2023 15:22

Tgt Ion:252 Resp: 763607
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 11.0 8.9 13.3





#93

Benzo(a)pyrene

Concen: 23.131 ng/ul

RT: 24.133 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP014984.D

Acq: 05 May 2023 15:22

Instrument :

BNA_P

ClientSampleId :

EW974DL

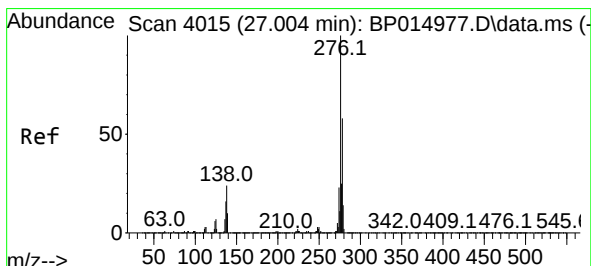
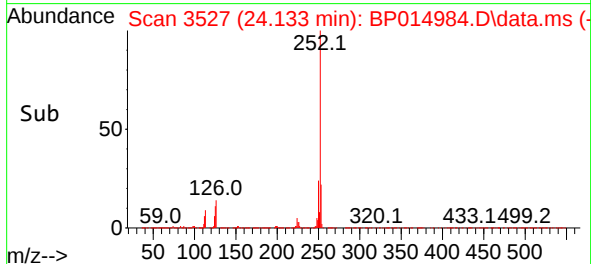
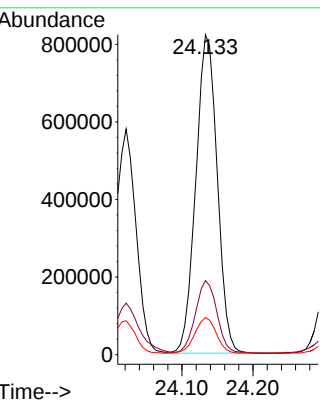
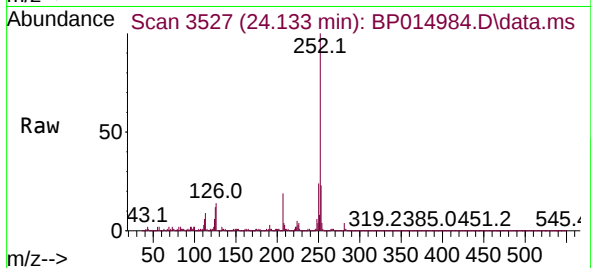
Tgt Ion:252 Resp: 1719355

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 11.6 9.4 14.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 14.450 ng/ul

RT: 27.015 min Scan# 4017

Delta R.T. 0.012 min

Lab File: BP014984.D

Acq: 05 May 2023 15:22

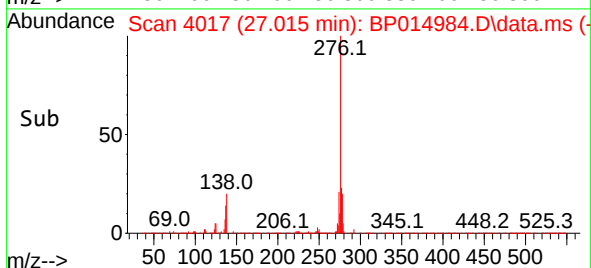
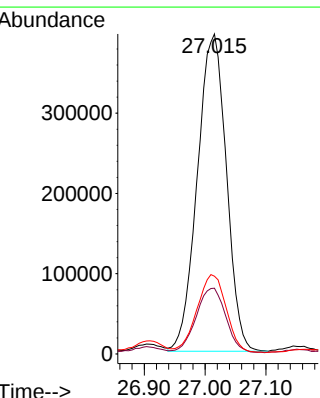
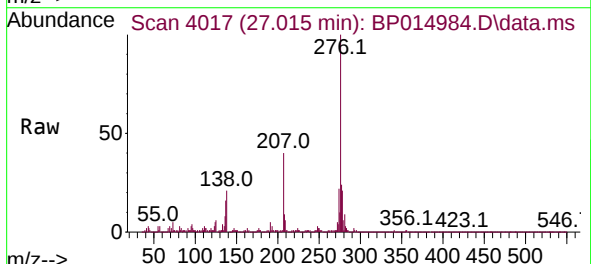
Tgt Ion:276 Resp: 1310185

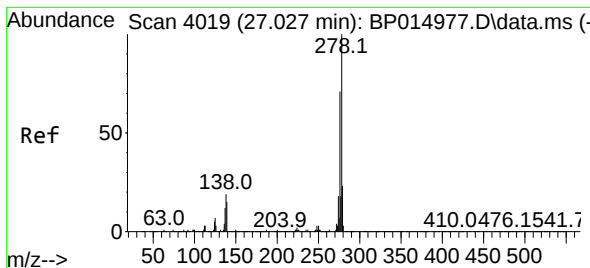
Ion Ratio Lower Upper

276 100

138 20.6 19.4 29.0

277 24.3 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 4.220 ng/ul

RT: 27.021 min Scan# 4019

Delta R.T. -0.006 min

Lab File: BP014984.D

Acq: 05 May 2023 15:22

Instrument :

BNA_P

ClientSampleId :

EW974DL

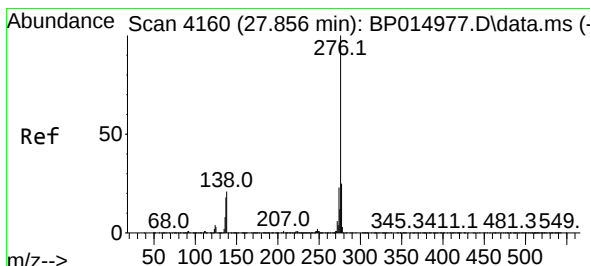
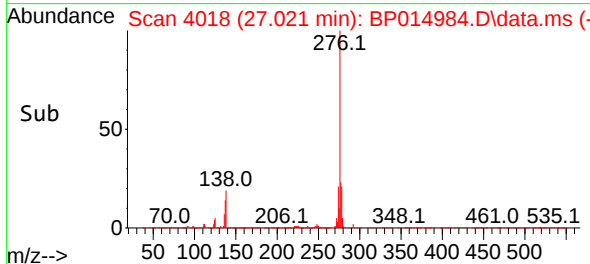
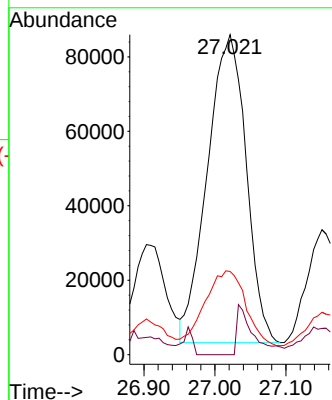
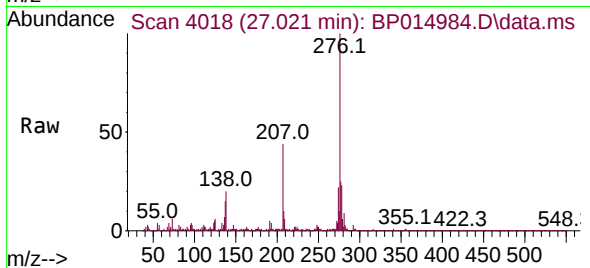
Tgt Ion:278 Resp: 313602

Ion Ratio Lower Upper

278 100

139 0.0 12.9 19.3#

279 26.0 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 14.172 ng/ul

RT: 27.868 min Scan# 4162

Delta R.T. 0.012 min

Lab File: BP014984.D

Acq: 05 May 2023 15:22

Tgt Ion:276 Resp: 1093659

Ion Ratio Lower Upper

276 100

138 20.9 18.0 27.0

277 24.4 19.8 29.8

