

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014950.D
 Acq On : 04 May 2023 13:53
 Operator : CG/JU
 Sample : 02447-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW935

Quant Time: May 04 22:42:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

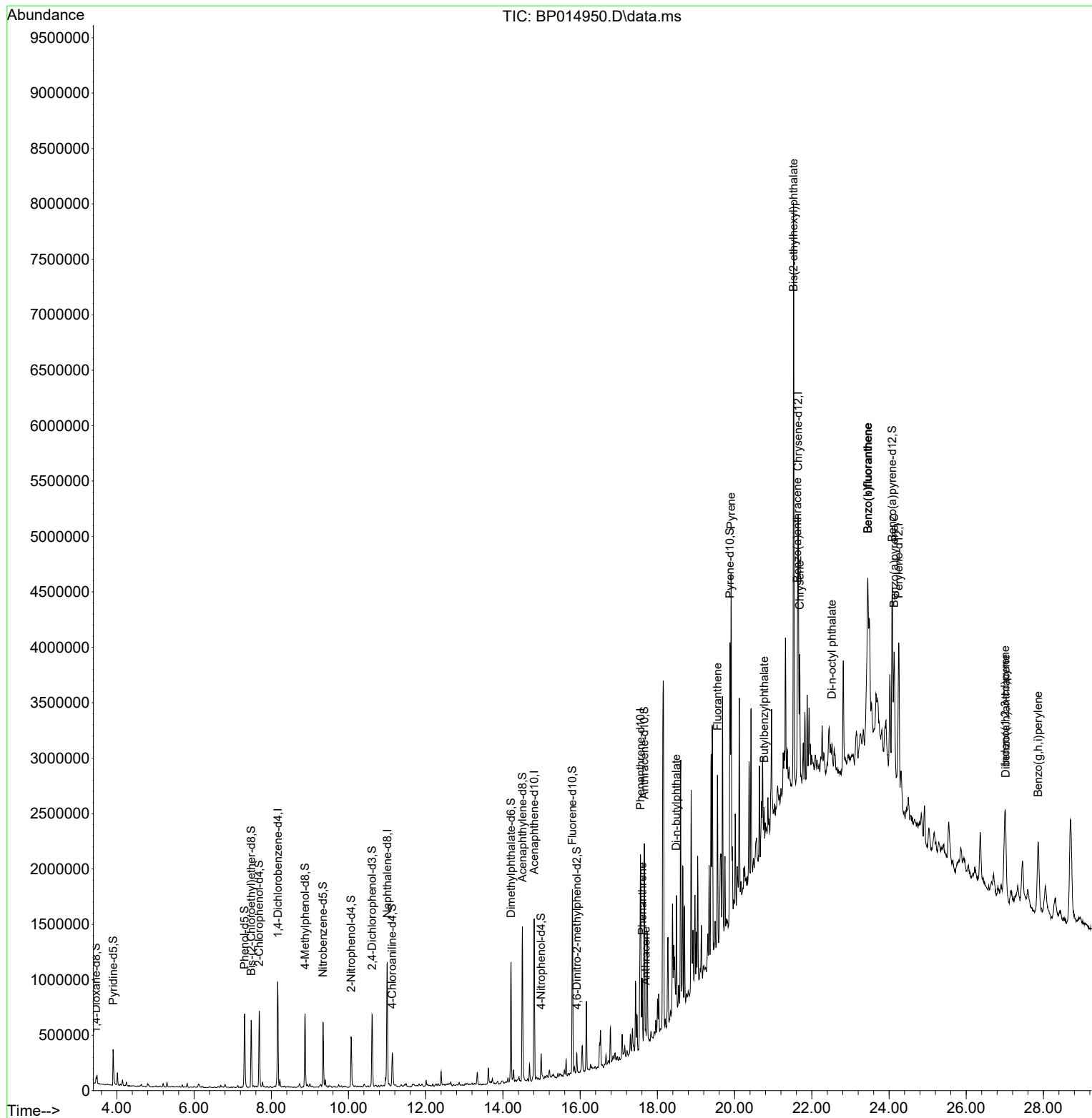
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	265530	20.000	ng/ul	0.00
20) Naphthalene-d8	11.004	136	933849	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	481994	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	1023818	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	1023488	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1242639	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	25957	3.635	ng/uL	0.00
4) Pyridine-d5	3.905	84	167942	8.604	ng/ul	0.00
7) Phenol-d5	7.310	99	394069	17.118	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	253588	17.822	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	322306	19.041	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	259407	14.622	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	144147	21.703	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	151390	22.198	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	251410	18.775	ng/ul	0.00
31) 4-Chloroaniline-d4	11.134	131	170608	8.808	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	724104	21.227	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	896674	21.917	ng/ul	0.00
54) 4-Nitrophenol-d4	14.992	143	60527	10.199	ng/ul	0.00
60) Fluorene-d10	15.798	176	644529	21.961	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	36585	6.348	ng/ul	0.00
73) Anthracene-d10	17.663	188	1016342	22.094	ng/ul	0.00
81) Pyrene-d10	19.880	212	1275023	18.471	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	1397214	23.077	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.610	178	364122	6.438	ng/ul	100
74) Anthracene	17.698	178	84109	1.494	ng/ul	98
78) Di-n-butylphthalate	18.492	149	714617	13.493	ng/ul	100
80) Fluoranthene	19.557	202	883651	10.432	ng/ul	98
82) Pyrene	19.910	202	868348	9.676	ng/ul	99
83) Butylbenzylphthalate	20.763	149	99775	3.703	ng/ul	90
85) Benzo(a)anthracene	21.627	228	649804	9.512	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.527	149	2203741	65.004	ng/ul#	100
87) Chrysene	21.686	228	726313	10.559	ng/ul	96
89) Di-n-octyl phthalate	22.521	149	152788	2.106	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	1296794	16.147	ng/ul#	96
91) Benzo(k)fluoranthene	23.451	252	1296794	15.866	ng/ul#	97
93) Benzo(a)pyrene	24.133	252	818368	11.619	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	27.009	276	853594	9.936	ng/ul	96
95) Dibenzo(a,h)anthracene	27.021	278	222502	3.160	ng/ul#	91
96) Benzo(g,h,i)perylene	27.862	276	893830	12.224	ng/ul	97

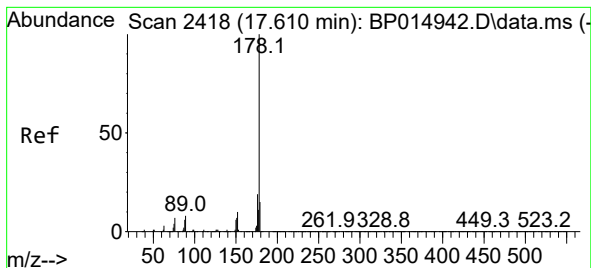
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 6.438 ng/ul

RT: 17.610 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

Instrument :

BNA_P

ClientSampleId :

EW935

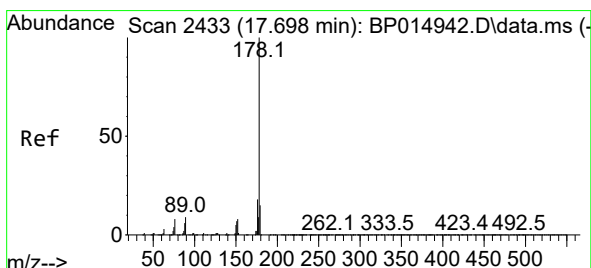
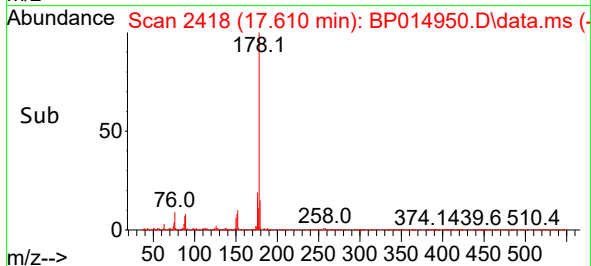
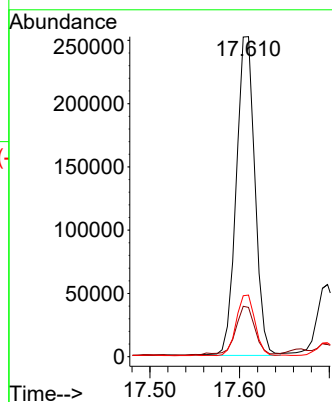
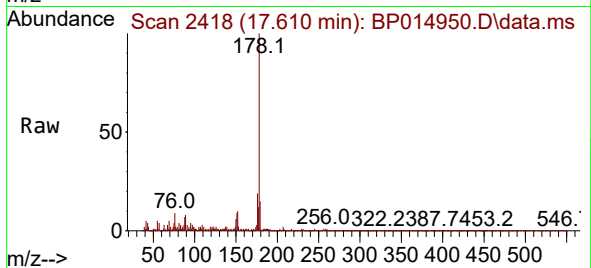
Tgt Ion:178 Resp: 364122

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.3 15.4 23.0



#74

Anthracene

Concen: 1.494 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

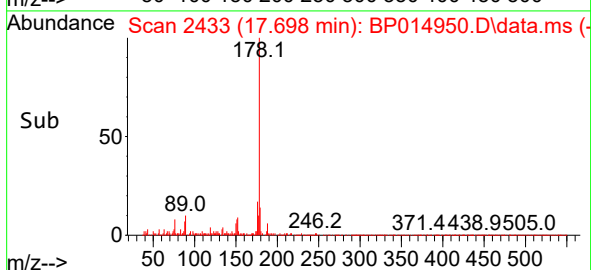
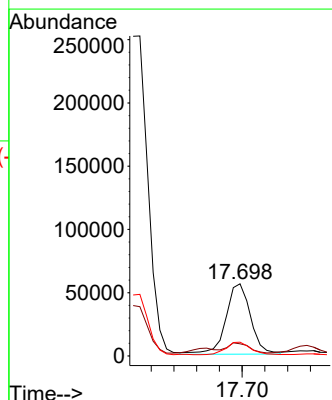
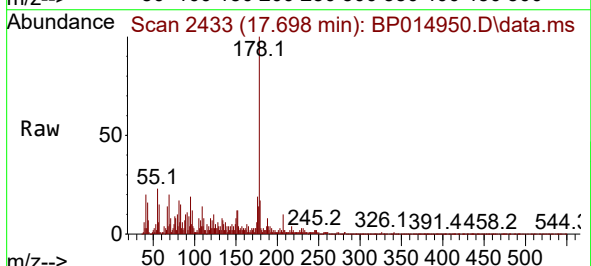
Tgt Ion:178 Resp: 84109

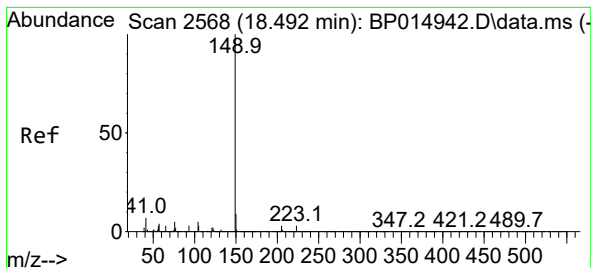
Ion Ratio Lower Upper

178 100

179 16.9 12.6 18.8

176 19.0 15.0 22.4





#78

Di-n-butylphthalate

Concen: 13.493 ng/ul

RT: 18.492 min Scan# 2568

Delta R.T. -0.000 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

Instrument :

BNA_P

ClientSampleId :

EW935

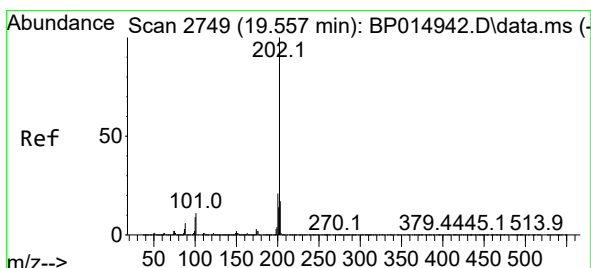
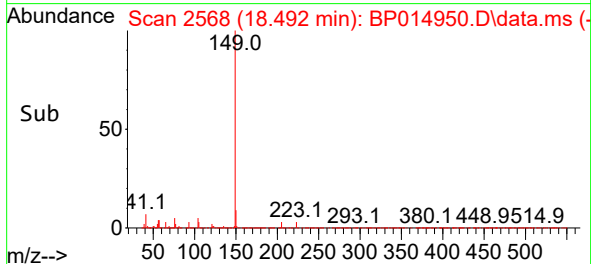
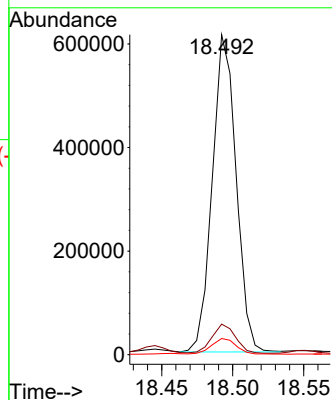
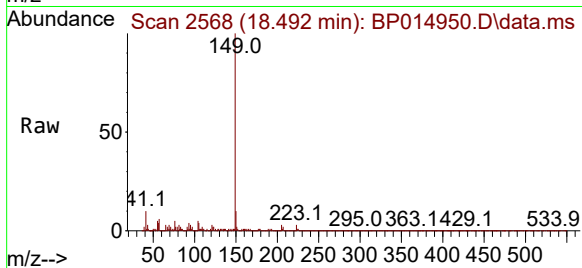
Tgt Ion:149 Resp: 714617

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.1 4.1 6.1



#80

Fluoranthene

Concen: 10.432 ng/ul

RT: 19.557 min Scan# 2749

Delta R.T. -0.000 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

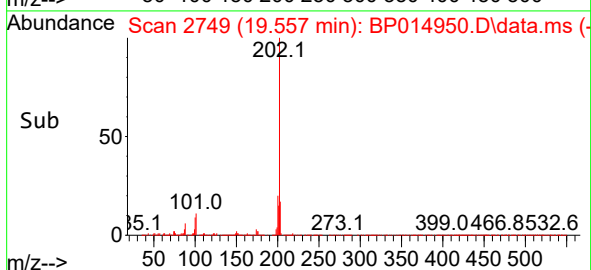
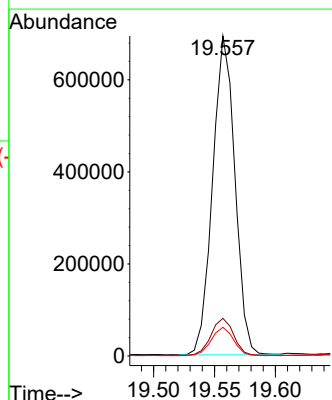
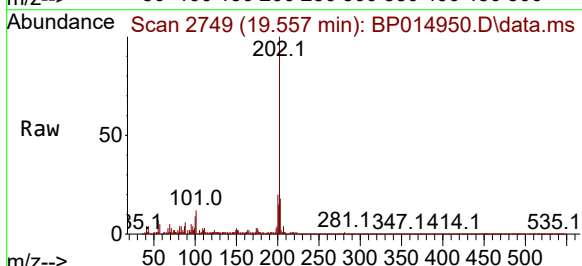
Tgt Ion:202 Resp: 883651

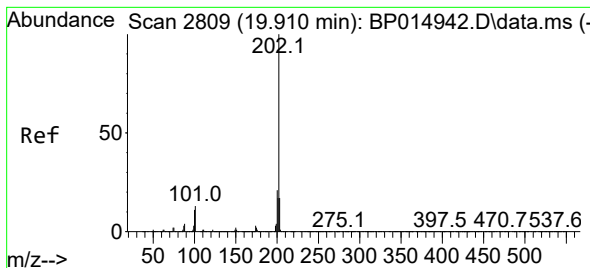
Ion Ratio Lower Upper

202 100

101 11.8 10.1 15.1

100 8.9 7.7 11.5





#82

Pyrene

Concen: 9.676 ng/ul

RT: 19.910 min Scan# 2809

Delta R.T. -0.000 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

Instrument :

BNA_P

ClientSampleId :

EW935

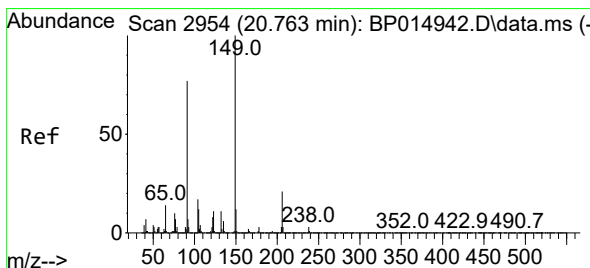
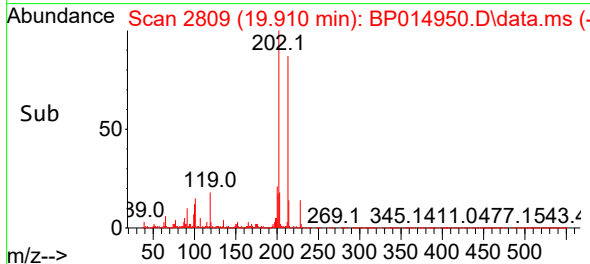
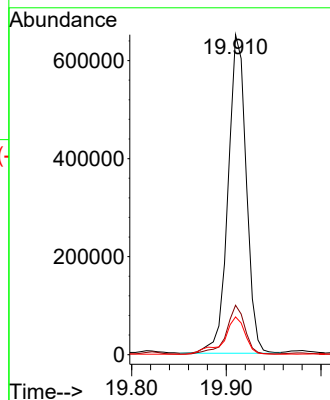
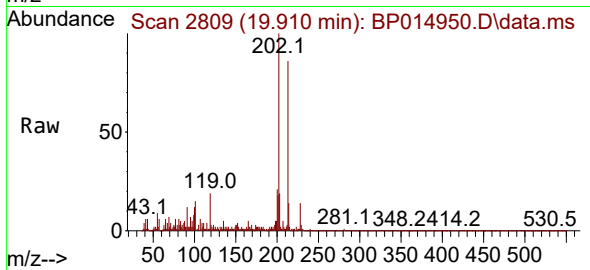
Tgt Ion:202 Resp: 868348

Ion Ratio Lower Upper

202 100

101 15.4 11.9 17.9

100 11.8 9.7 14.5



#83

Butylbenzylphthalate

Concen: 3.703 ng/ul

RT: 20.763 min Scan# 2954

Delta R.T. -0.000 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

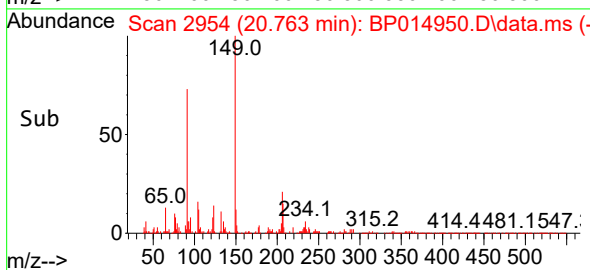
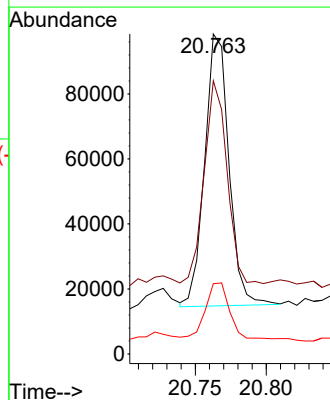
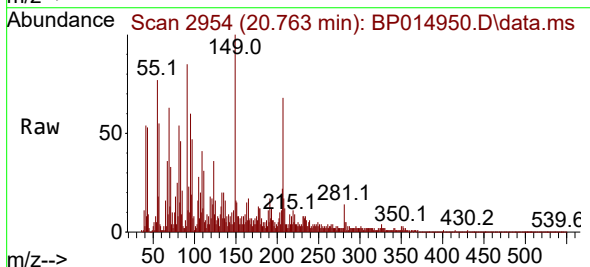
Tgt Ion:149 Resp: 99775

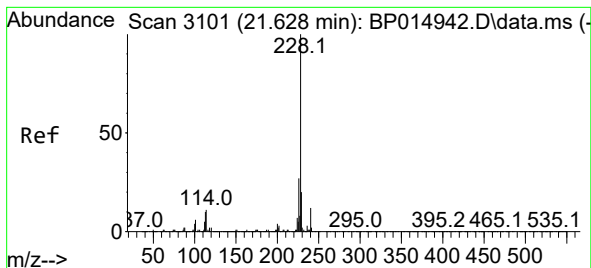
Ion Ratio Lower Upper

149 100

91 85.3 60.1 90.1

206 21.9 16.0 24.0





#85

Benzo(a)anthracene

Concen: 9.512 ng/ul

RT: 21.627 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

Instrument :

BNA_P

ClientSampleId :

EW935

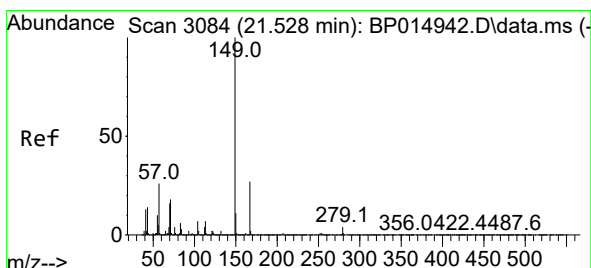
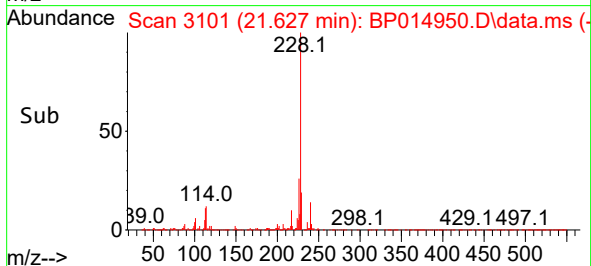
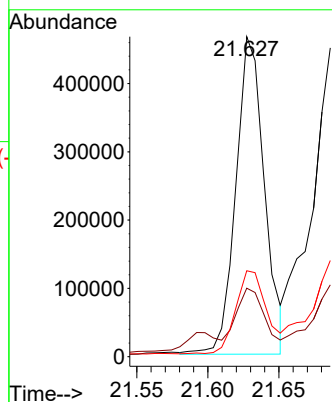
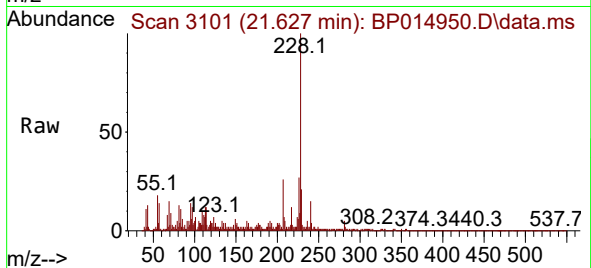
Tgt Ion:228 Resp: 649804

Ion Ratio Lower Upper

228 100

229 21.4 15.9 23.9

226 26.9 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 65.004 ng/ul

RT: 21.527 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

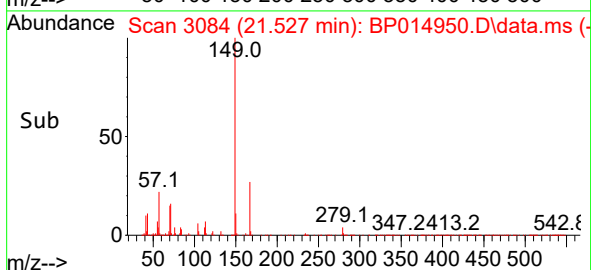
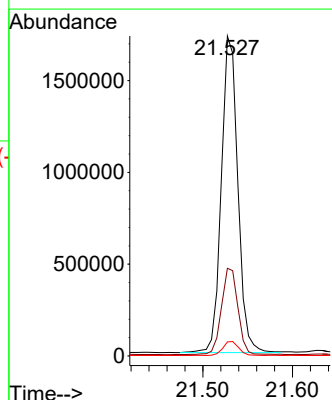
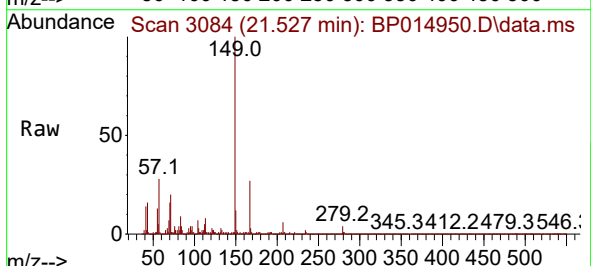
Tgt Ion:149 Resp: 2203741

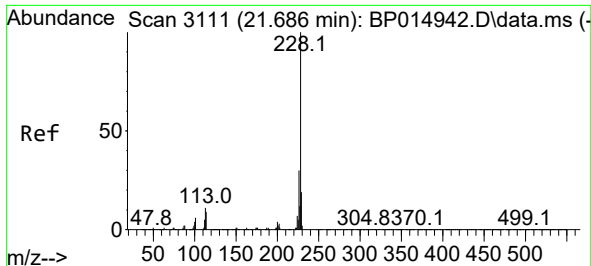
Ion Ratio Lower Upper

149 100

167 27.4 22.0 33.0

279 4.4 2.9 4.3#





#87

Chrysene

Concen: 10.559 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

Instrument :

BNA_P

ClientSampleId :

EW935

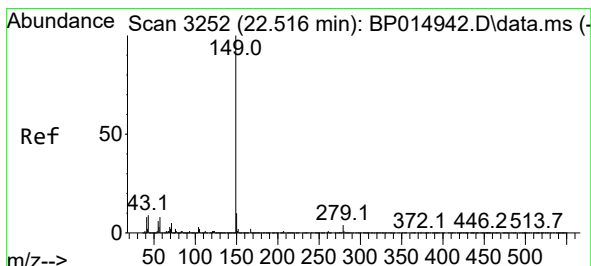
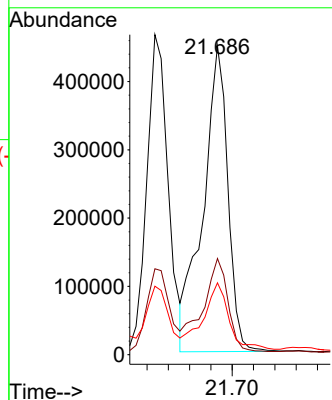
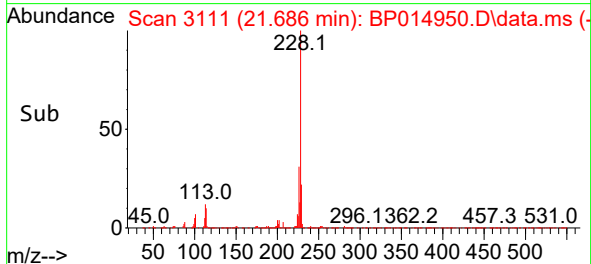
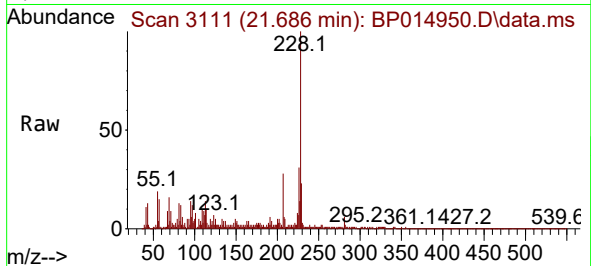
Tgt Ion:228 Resp: 726313

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

229 23.3 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 2.106 ng/ul

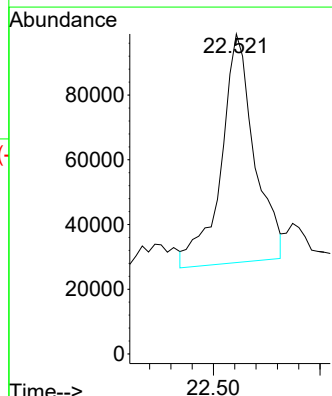
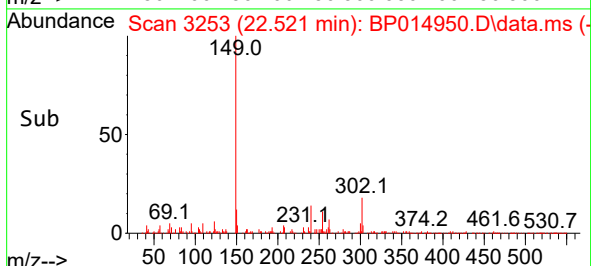
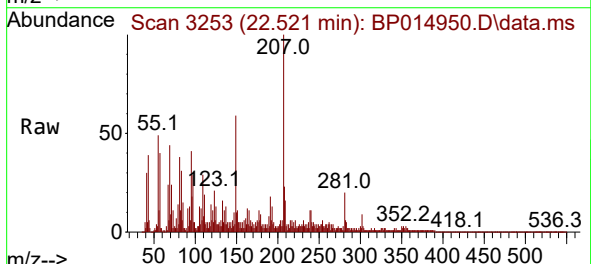
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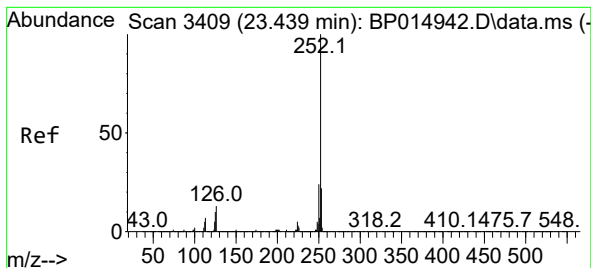
Delta R.T. 0.006 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

Tgt Ion:149 Resp: 152788





#90

Benzo(b)fluoranthene

Concen: 16.147 ng/ul

RT: 23.451 min Scan# 3411

Delta R.T. 0.012 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

Instrument :

BNA_P

ClientSampleId :

EW935

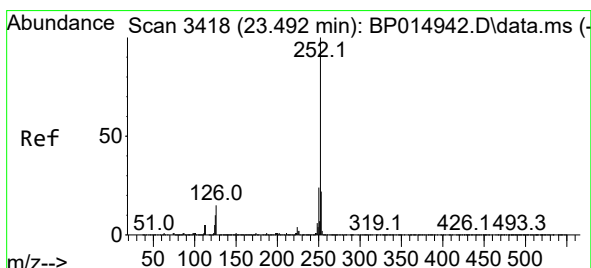
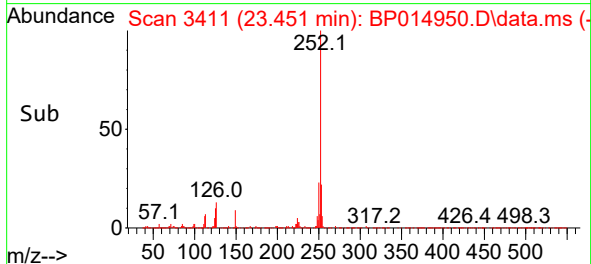
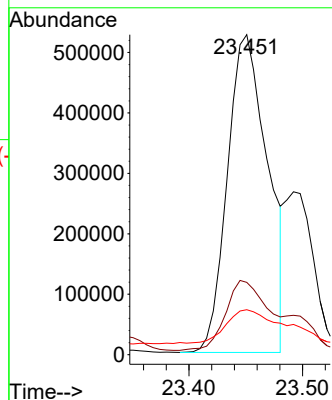
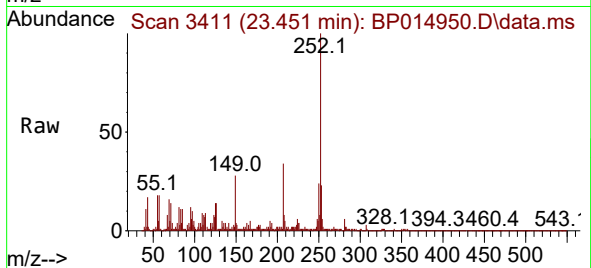
Tgt Ion:252 Resp: 1296794

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 14.1 8.4 12.6#



#91

Benzo(k)fluoranthene

Concen: 15.866 ng/ul

RT: 23.451 min Scan# 3411

Delta R.T. -0.041 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

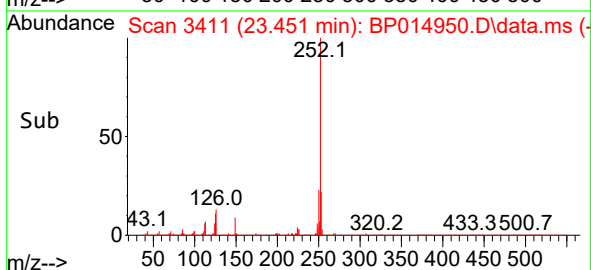
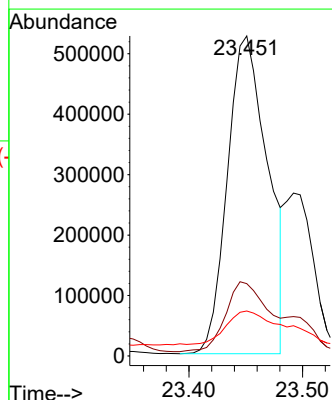
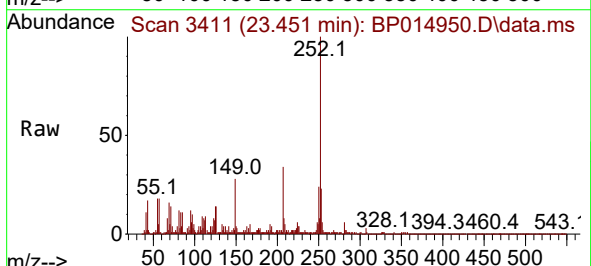
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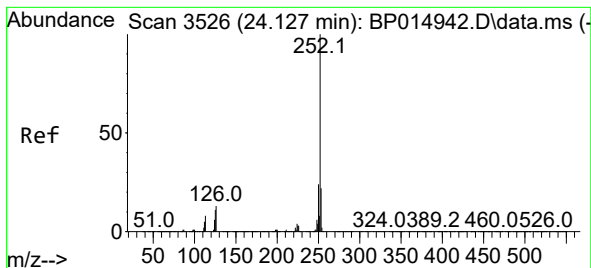
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 14.1 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 11.619 ng/ul

RT: 24.133 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

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EW935

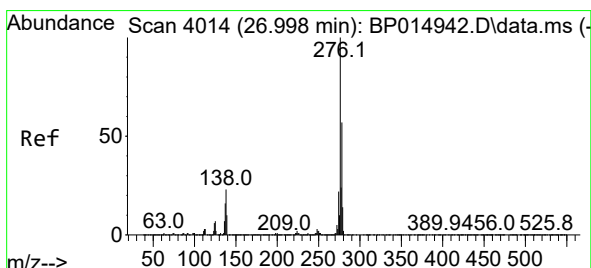
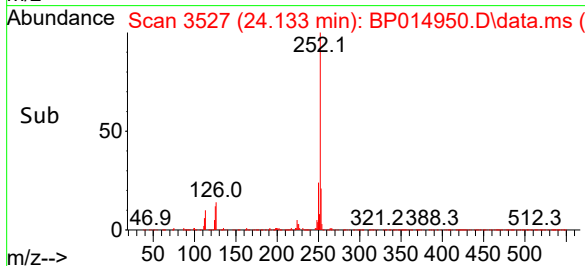
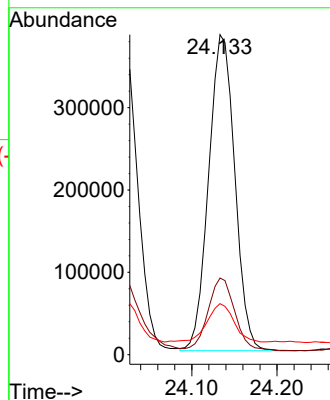
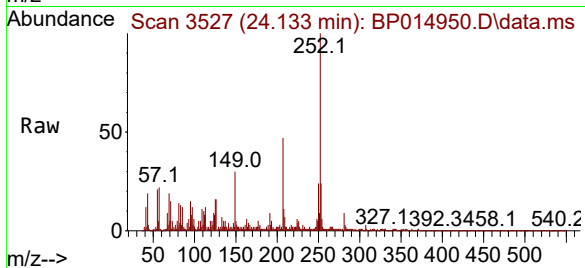
Tgt Ion:252 Resp: 818368

Ion Ratio Lower Upper

252 100

253 23.9 17.5 26.3

125 16.0 9.4 14.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.936 ng/ul

RT: 27.009 min Scan# 4016

Delta R.T. 0.012 min

Lab File: BP014950.D

Acq: 04 May 2023 13:53

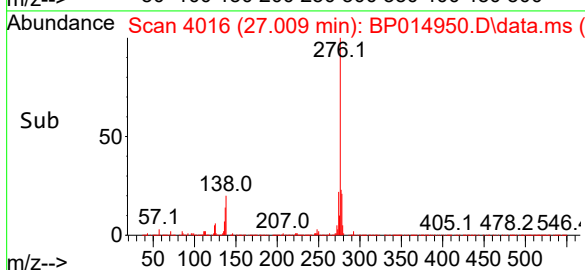
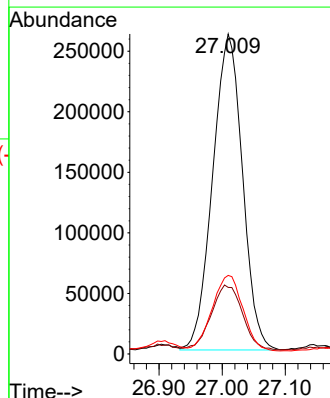
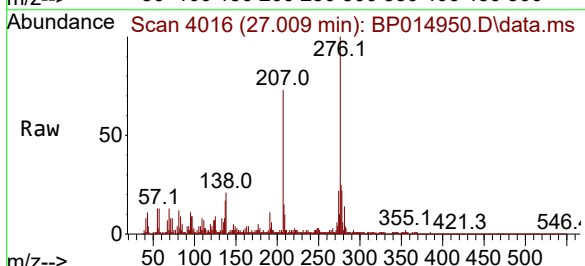
Tgt Ion:276 Resp: 853594

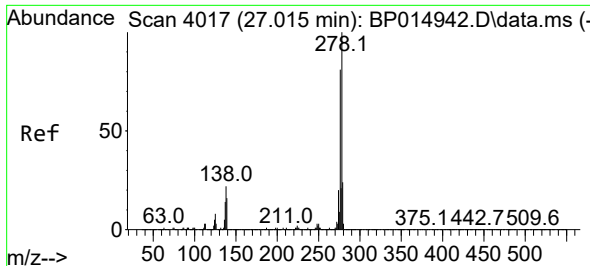
Ion Ratio Lower Upper

276 100

138 20.8 19.4 29.0

277 24.5 19.4 29.2

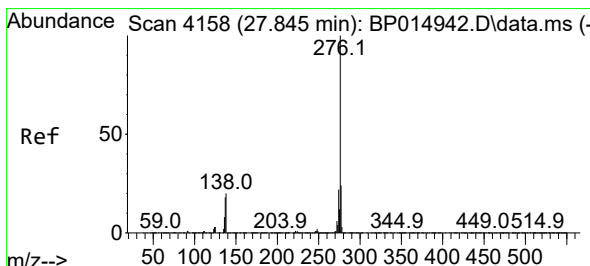
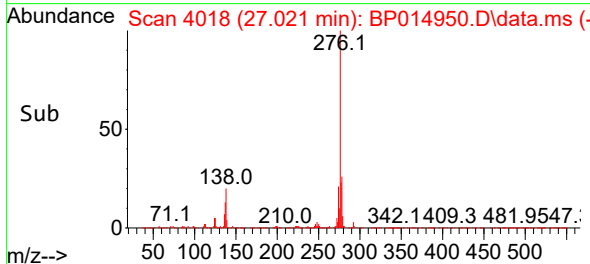
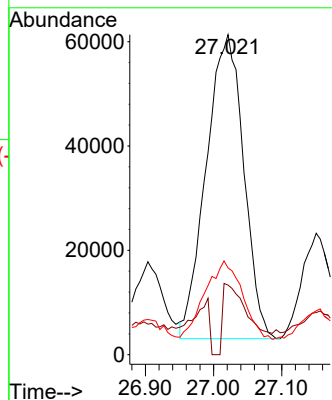
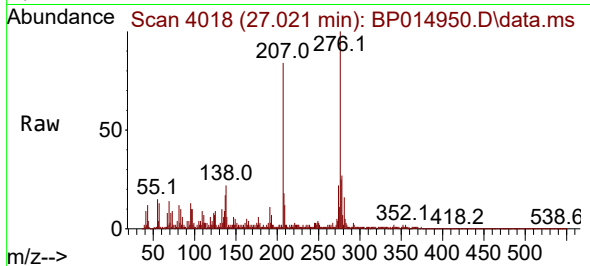




#95
Dibenzo(a,h)anthracene
Concen: 3.160 ng/ul
RT: 27.021 min Scan# 4017
Delta R.T. 0.006 min
Lab File: BP014950.D
Acq: 04 May 2023 13:53

Instrument :
BNA_P
ClientSampleId :
EW935

Tgt Ion:278 Resp: 222502
Ion Ratio Lower Upper
278 100
139 21.7 12.9 19.3#
279 27.1 19.0 28.6



#96
Benzo(g,h,i)perylene
Concen: 12.224 ng/ul
RT: 27.862 min Scan# 4161
Delta R.T. 0.017 min
Lab File: BP014950.D
Acq: 04 May 2023 13:53

Tgt Ion:276 Resp: 893830
Ion Ratio Lower Upper
276 100
138 21.7 18.0 27.0
277 23.2 19.8 29.8

