

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014959.D
 Acq On : 04 May 2023 18:54
 Operator : CG/JU
 Sample : 02447-08 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW913

Quant Time: May 05 00:18:29 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

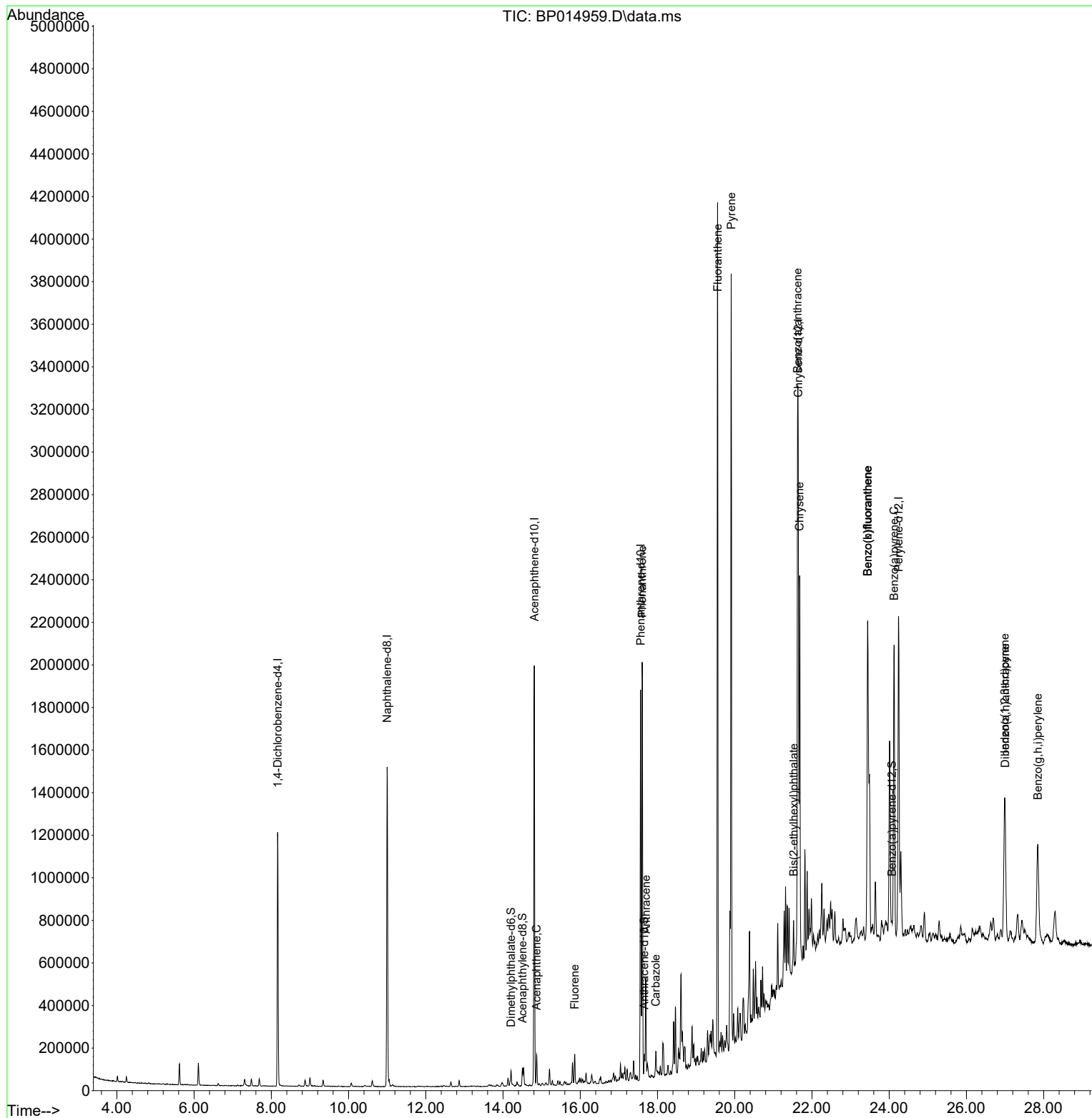
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	323430	20.000	ng/ul	0.00
20) Naphthalene-d8	10.999	136	1254122	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	638380	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	1064866	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	982102	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1238360	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	1180	0.136	ng/uL	0.00
4) Pyridine-d5	3.899	84	262	0.011	ng/ul	0.00
7) Phenol-d5	7.311	99	17502	0.624	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	14901	0.860	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	16108	0.781	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	12844	0.594	ng/ul	0.00
21) Nitrobenzene-d5	9.346	128	7623	0.855	ng/ul	0.00
24) 2-Nitrophenol-d4	10.075	143	6272	0.685	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	11043	0.614	ng/ul	0.00
31) 4-Chloroaniline-d4	11.140	131	4723	0.182	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	48231	1.068	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	54545	1.007	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	165	0.021	ng/ul	0.01
60) Fluorene-d10	15.798	176	38543	0.992	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	788	0.131	ng/ul	0.00
73) Anthracene-d10	17.663	188	55313	1.156	ng/ul	0.00
81) Pyrene-d10	19.880	212	61424	0.927	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.068	264	69770	1.156	ng/ul	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.869	153	55928	1.316	ng/ul	99
61) Fluorene	15.857	166	61187	1.352	ng/ul	100
72) Phenanthrene	17.604	178	1168874	19.869	ng/ul	100
74) Anthracene	17.698	178	293511	5.011	ng/ul	98
77) Carbazole	17.957	167	73774	1.498	ng/ul	98
80) Fluoranthene	19.557	202	2242279	27.587	ng/ul	98
82) Pyrene	19.910	202	2027669	23.547	ng/ul	98
85) Benzo(a)anthracene	21.627	228	1136694	17.340	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	56026	1.722	ng/ul#	97
87) Chrysene	21.680	228	1066083	16.152	ng/ul	98
90) Benzo(b)fluoranthene	23.445	252	1465464	18.311	ng/ul	98
91) Benzo(k)fluoranthene	23.445	252	1465464	17.992	ng/ul	99
93) Benzo(a)pyrene	24.127	252	1083033	15.430	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.992	276	747991	8.736	ng/ul	96
95) Dibenzo(a,h)anthracene	27.004	278	192961	2.750	ng/ul#	82
96) Benzo(g,h,i)perylene	27.851	276	682499	9.366	ng/ul	96

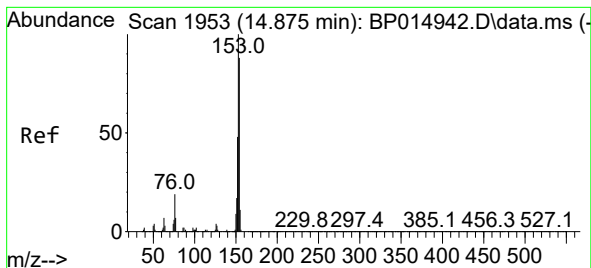
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#52

Acenaphthene

Concen: 1.316 ng/ul

RT: 14.869 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BP014959.D

Acq: 04 May 2023 18:54

Instrument :

BNA_P

ClientSampleId :

EW913

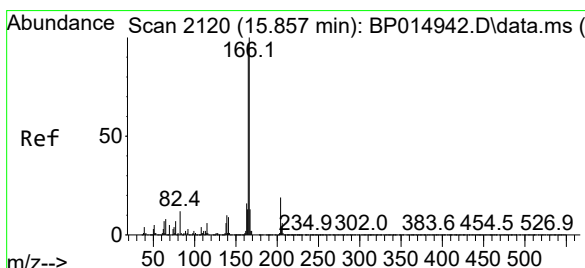
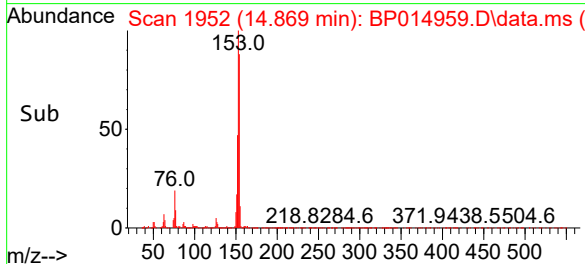
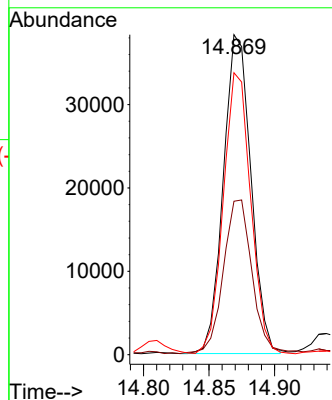
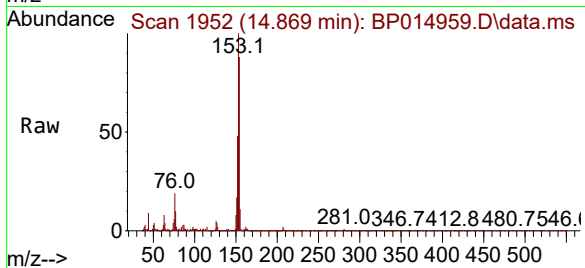
Tgt Ion:153 Resp: 55928

Ion Ratio Lower Upper

153 100

152 48.0 38.8 58.2

154 88.1 69.6 104.4



#61

Fluorene

Concen: 1.352 ng/ul

RT: 15.857 min Scan# 2120

Delta R.T. -0.000 min

Lab File: BP014959.D

Acq: 04 May 2023 18:54

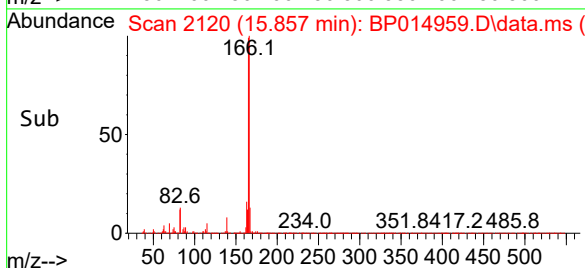
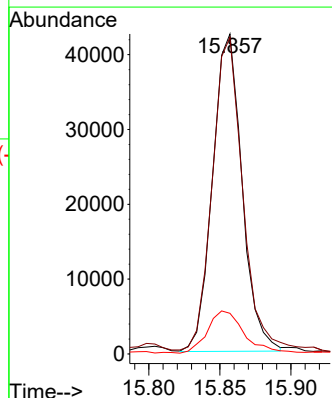
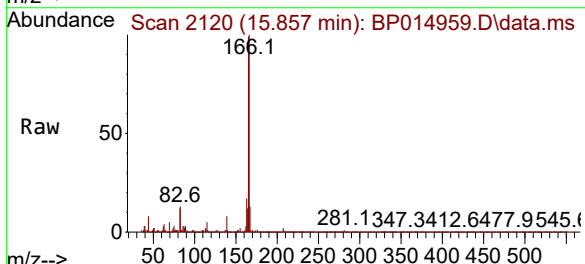
Tgt Ion:166 Resp: 61187

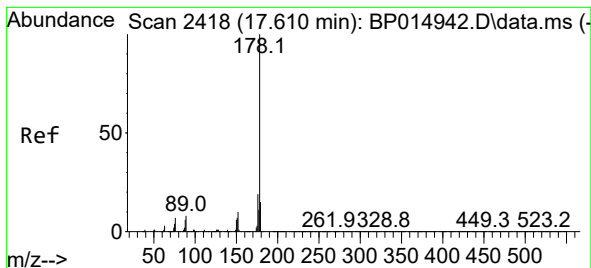
Ion Ratio Lower Upper

166 100

165 99.0 79.3 118.9

167 12.7 10.7 16.1





#72

Phenanthrene

Concen: 19.869 ng/ul

RT: 17.604 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BP014959.D

Acq: 04 May 2023 18:54

Instrument :

BNA_P

ClientSampleId :

EW913

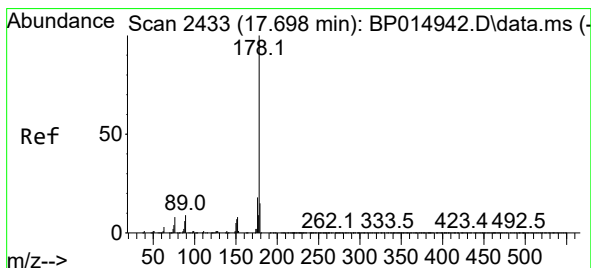
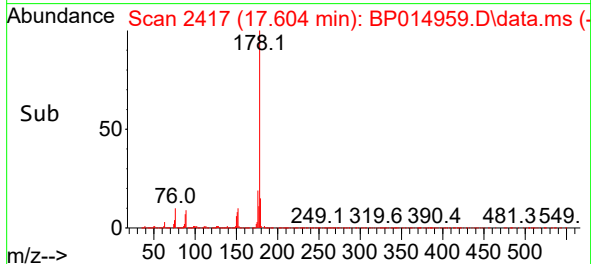
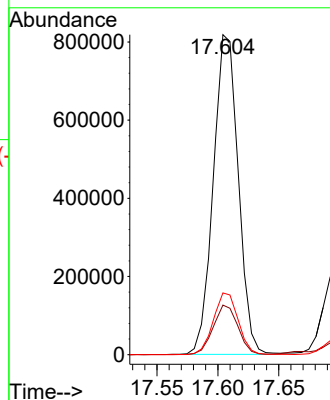
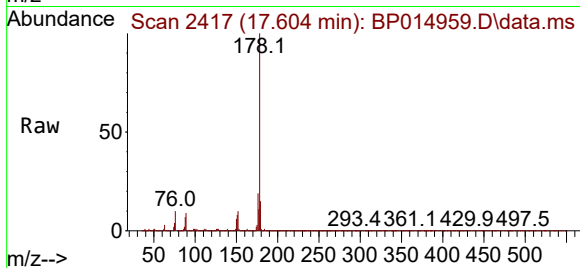
Tgt Ion:178 Resp: 1168874

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 19.3 15.4 23.0



#74

Anthracene

Concen: 5.011 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP014959.D

Acq: 04 May 2023 18:54

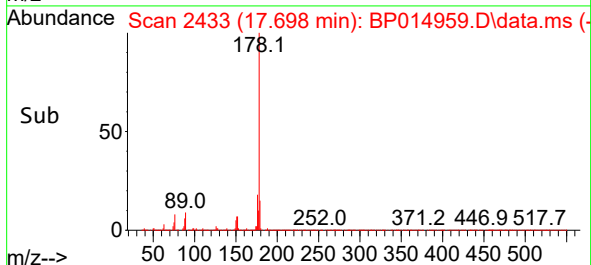
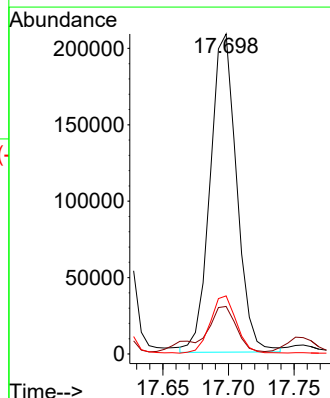
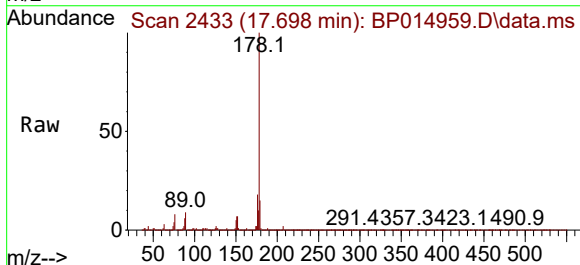
Tgt Ion:178 Resp: 293511

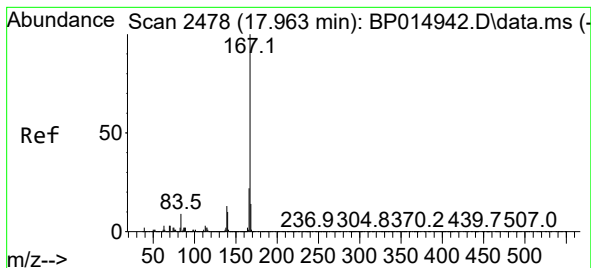
Ion Ratio Lower Upper

178 100

179 14.8 12.6 18.8

176 18.1 15.0 22.4





#77

Carbazole

Concen: 1.498 ng/ul

RT: 17.957 min Scan# 2478

Delta R.T. -0.006 min

Lab File: BP014959.D

Acq: 04 May 2023 18:54

Instrument :

BNA_P

ClientSampleId :

EW913

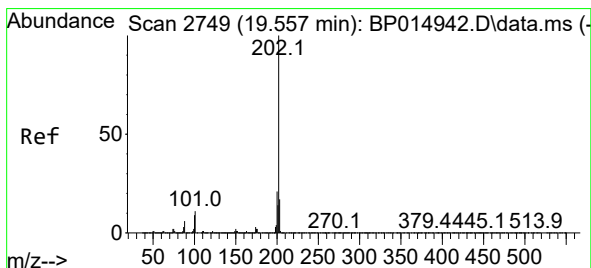
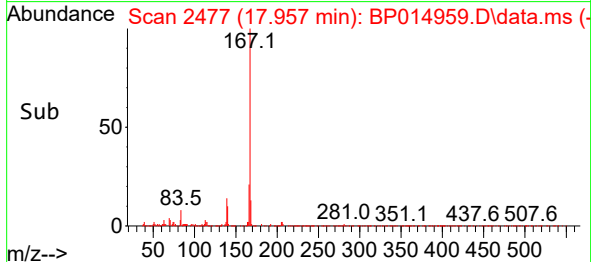
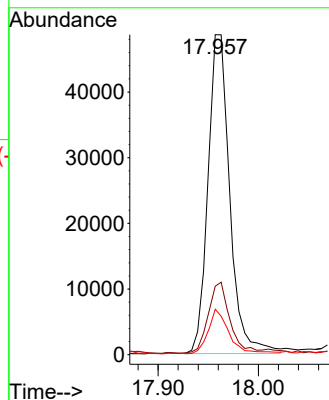
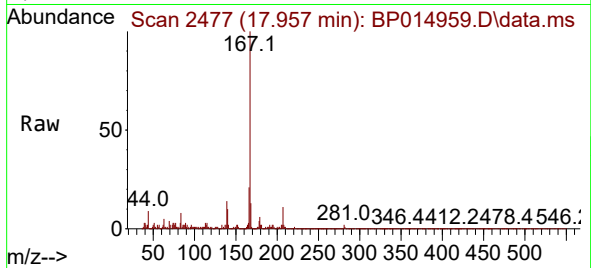
Tgt Ion:167 Resp: 73774

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

139 14.2 10.1 15.1



#80

Fluoranthene

Concen: 27.587 ng/ul

RT: 19.557 min Scan# 2749

Delta R.T. -0.000 min

Lab File: BP014959.D

Acq: 04 May 2023 18:54

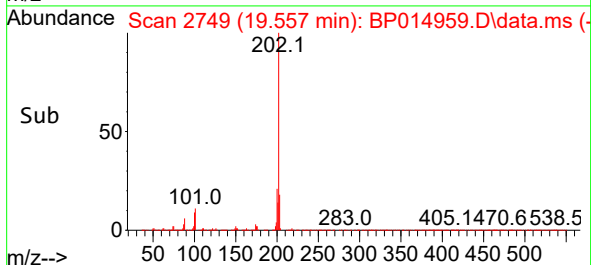
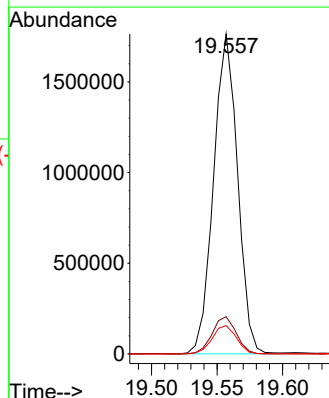
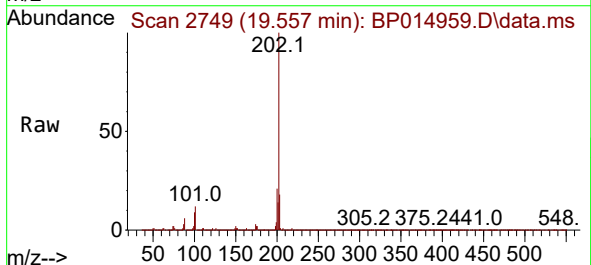
Tgt Ion:202 Resp: 2242279

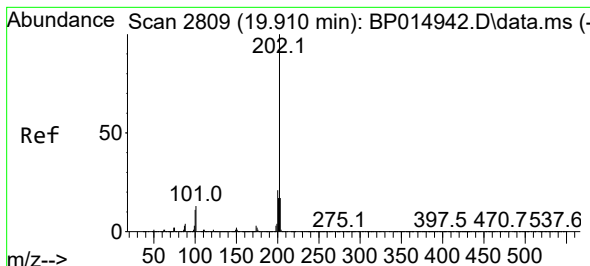
Ion Ratio Lower Upper

202 100

101 11.7 10.1 15.1

100 8.9 7.7 11.5





#82

Pyrene

Concen: 23.547 ng/ul

RT: 19.910 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014959.D

Acq: 04 May 2023 18:54

Instrument :

BNA_P

ClientSampleId :

EW913

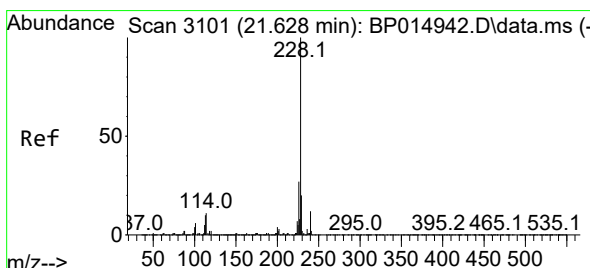
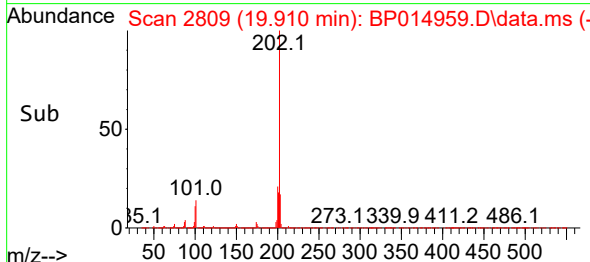
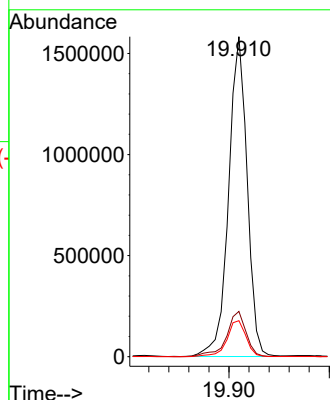
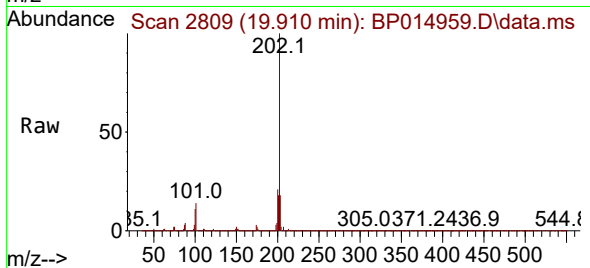
Tgt Ion:202 Resp: 2027669

Ion Ratio Lower Upper

202 100

101 14.2 11.9 17.9

100 11.3 9.7 14.5



#85

Benzo(a)anthracene

Concen: 17.340 ng/ul

RT: 21.627 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP014959.D

Acq: 04 May 2023 18:54

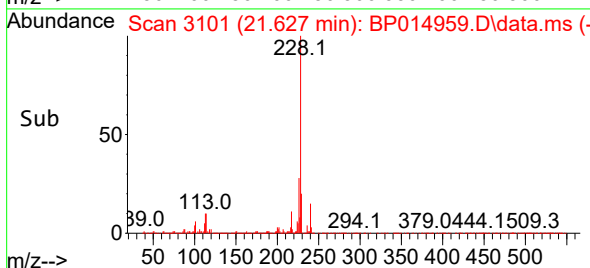
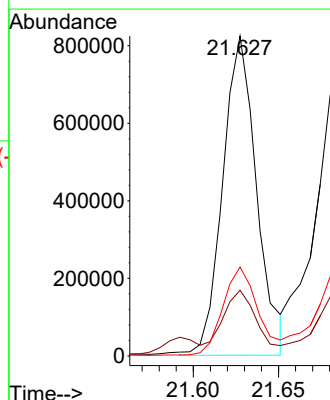
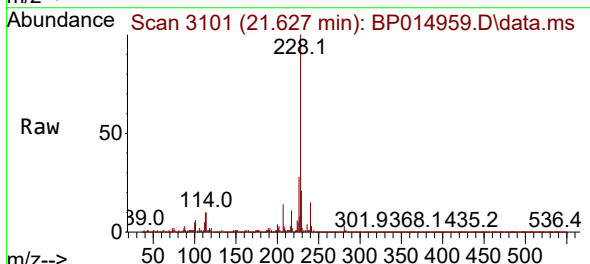
Tgt Ion:228 Resp: 1136694

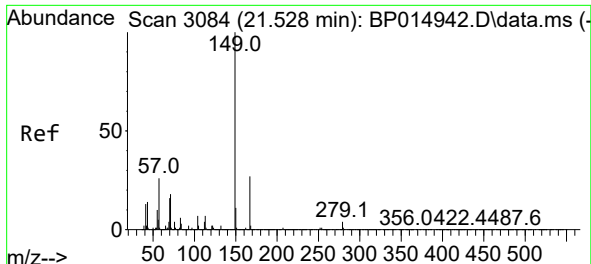
Ion Ratio Lower Upper

228 100

229 20.5 15.9 23.9

226 27.8 22.1 33.1

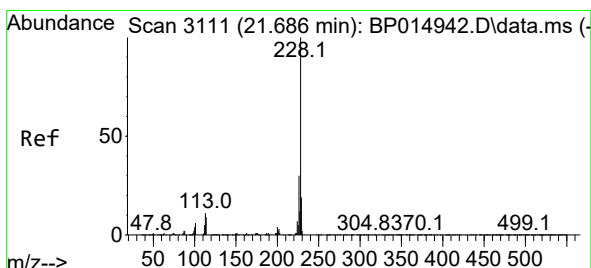
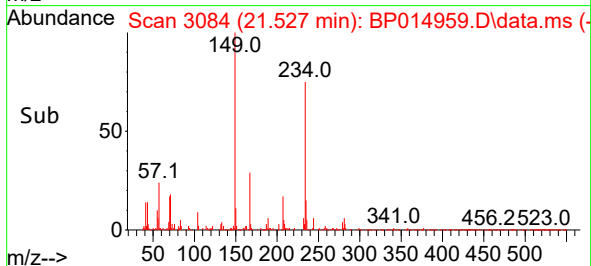
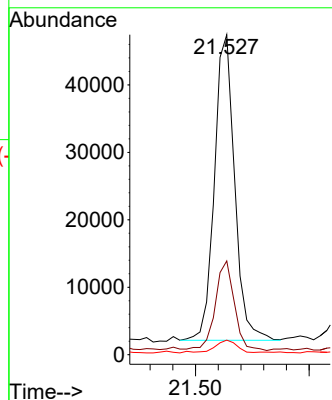
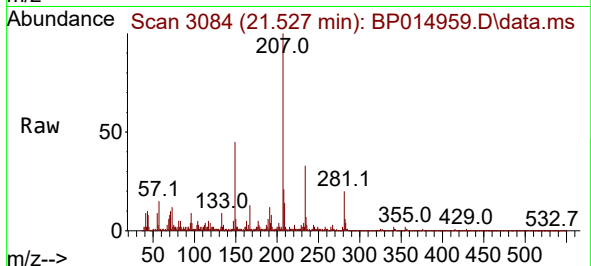




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.722 ng/ul
 RT: 21.527 min Scan# 3084
 Delta R.T. -0.000 min
 Lab File: BP014959.D
 Acq: 04 May 2023 18:54

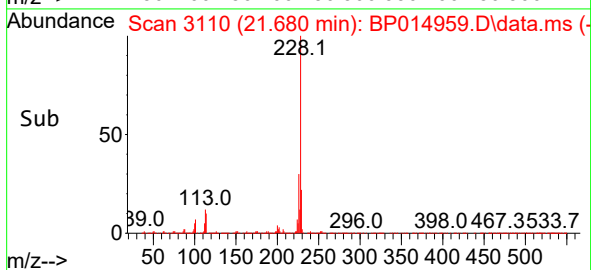
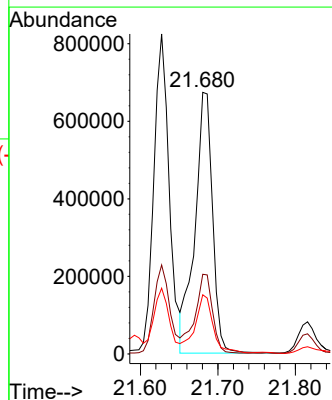
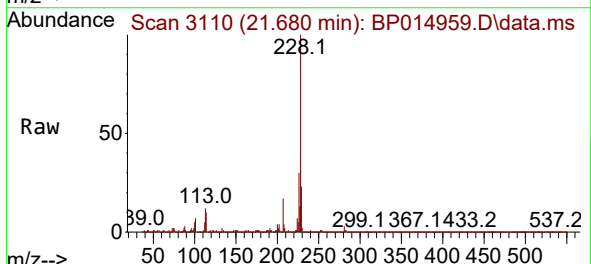
Instrument :
 BNA_P
 ClientSampleId :
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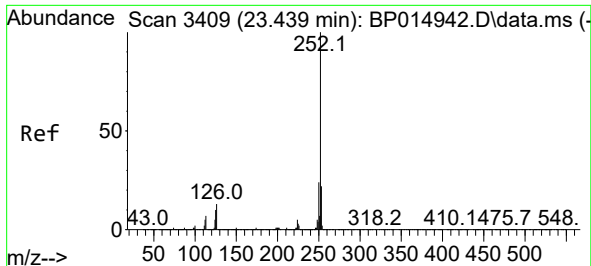
Tgt Ion:149 Resp: 56026
 Ion Ratio Lower Upper
 149 100
 167 29.3 22.0 33.0
 279 4.5 2.9 4.3#



#87
 Chrysene
 Concen: 16.152 ng/ul
 RT: 21.680 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BP014959.D
 Acq: 04 May 2023 18:54

Tgt Ion:228 Resp: 1066083
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 22.6 15.8 23.8

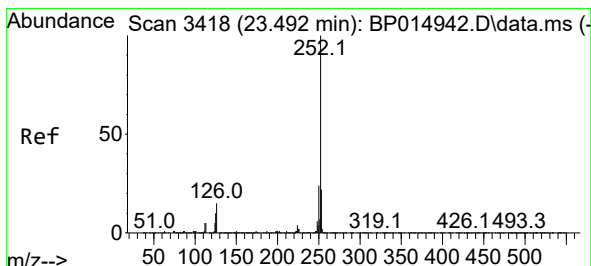
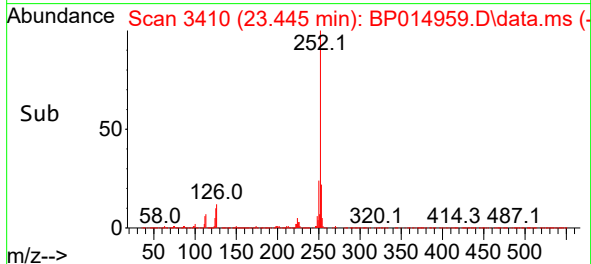
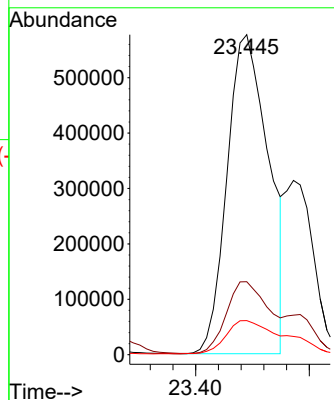
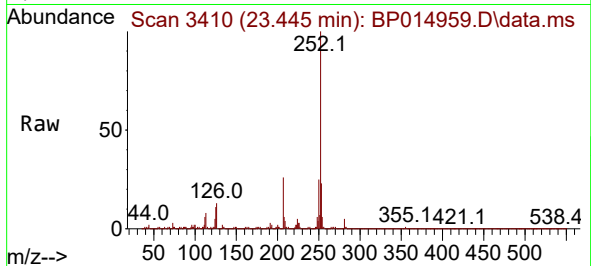




#90
Benzo(b)fluoranthene
Concen: 18.311 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP014959.D
Acq: 04 May 2023 18:54

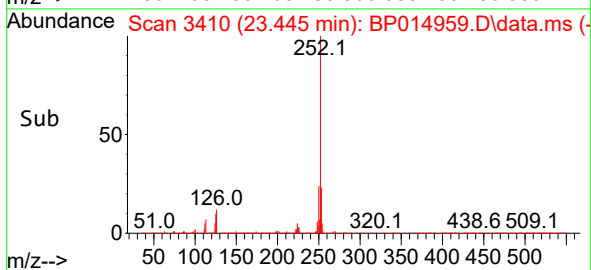
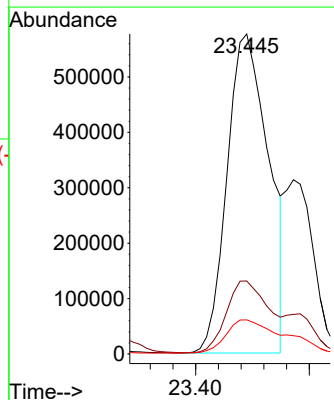
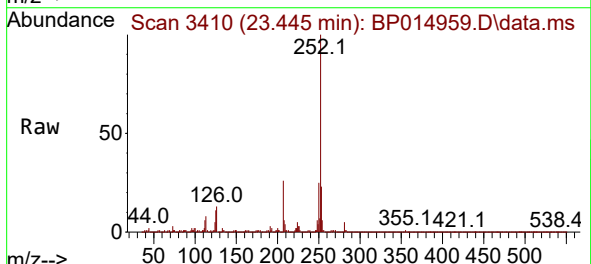
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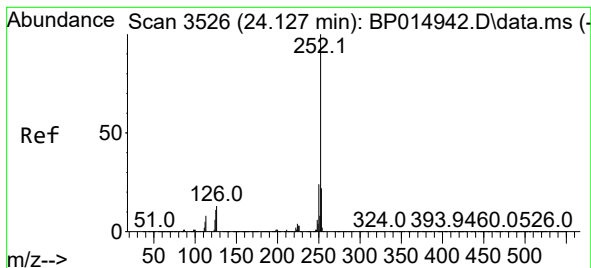
Tgt Ion:252 Resp: 1465464
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.7 8.4 12.6



#91
Benzo(k)fluoranthene
Concen: 17.992 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. -0.047 min
Lab File: BP014959.D
Acq: 04 May 2023 18:54

Tgt Ion:252 Resp: 1465464
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 10.7 8.9 13.3





#93

Benzo(a)pyrene

Concen: 15.430 ng/ul

RT: 24.127 min Scan# 3526

Delta R.T. -0.000 min

Lab File: BP014959.D

Acq: 04 May 2023 18:54

Instrument :

BNA_P

ClientSampleId :

EW913

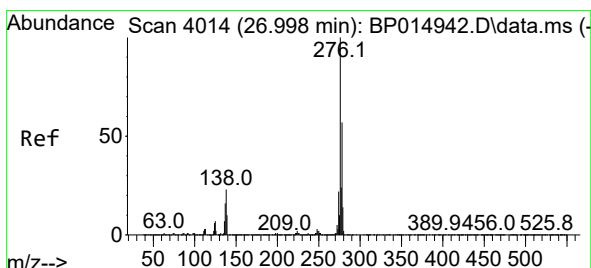
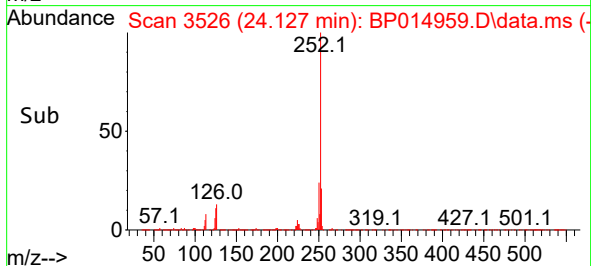
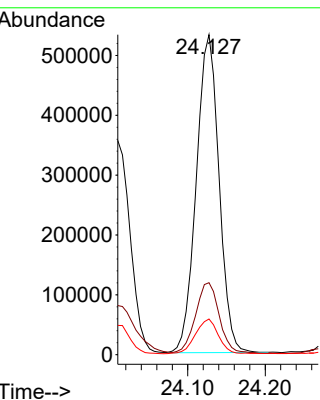
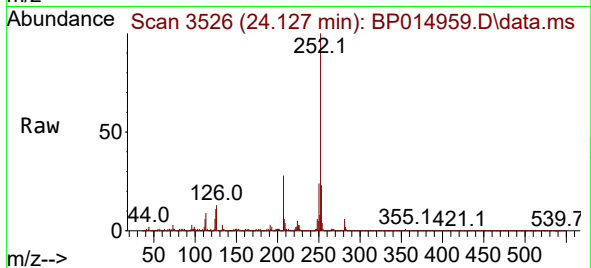
Tgt Ion:252 Resp: 1083033

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 11.1 9.4 14.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 8.736 ng/ul

RT: 26.992 min Scan# 4013

Delta R.T. -0.006 min

Lab File: BP014959.D

Acq: 04 May 2023 18:54

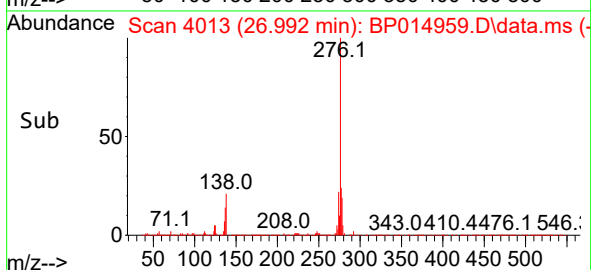
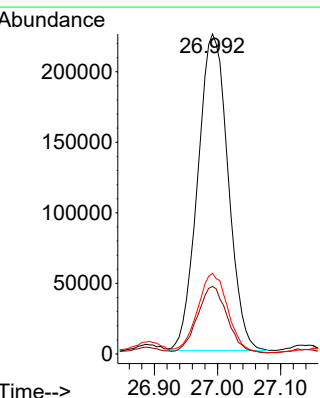
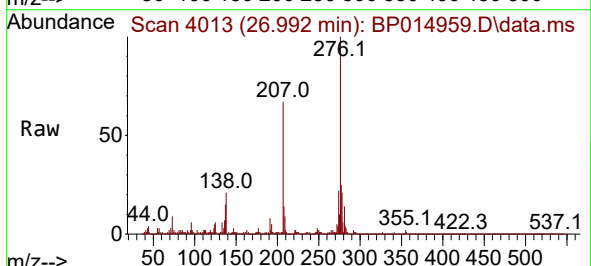
Tgt Ion:276 Resp: 747991

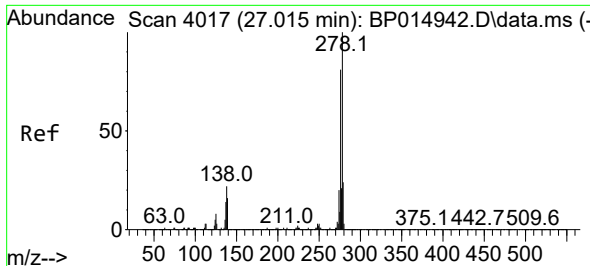
Ion Ratio Lower Upper

276 100

138 21.1 19.4 29.0

277 25.2 19.4 29.2

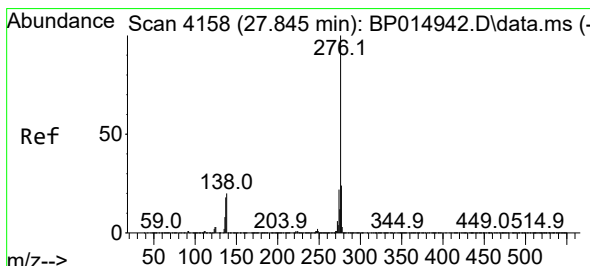
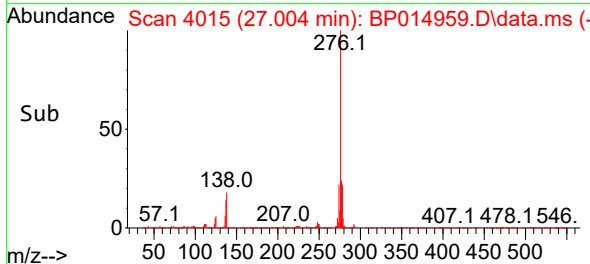
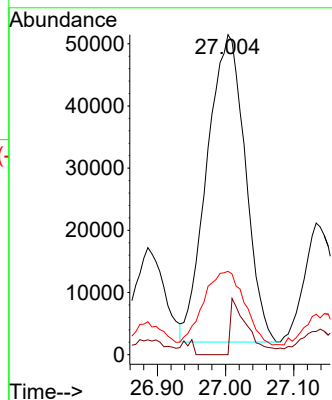
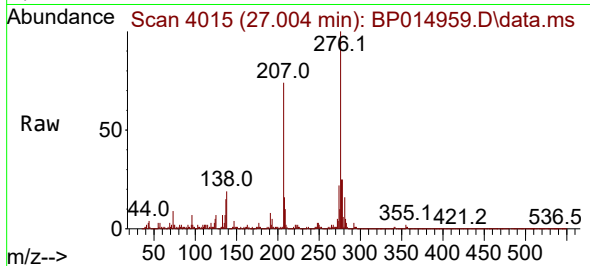




#95
 Dibenzo(a,h)anthracene
 Concen: 2.750 ng/ul
 RT: 27.004 min Scan# 4017
 Delta R.T. -0.012 min
 Lab File: BP014959.D
 Acq: 04 May 2023 18:54

Instrument :
 BNA_P
 ClientSampleId :
 EW913

Tgt Ion:278 Resp: 192961
 Ion Ratio Lower Upper
 278 100
 139 0.0 12.9 19.3#
 279 26.1 19.0 28.6



#96
 Benzo(g,h,i)perylene
 Concen: 9.366 ng/ul
 RT: 27.851 min Scan# 4159
 Delta R.T. 0.006 min
 Lab File: BP014959.D
 Acq: 04 May 2023 18:54

Tgt Ion:276 Resp: 682499
 Ion Ratio Lower Upper
 276 100
 138 19.3 18.0 27.0
 277 24.0 19.8 29.8

