

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014953.D
 Acq On : 04 May 2023 15:33
 Operator : CG/JU
 Sample : 02447-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW905

Quant Time: May 04 22:43:42 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)

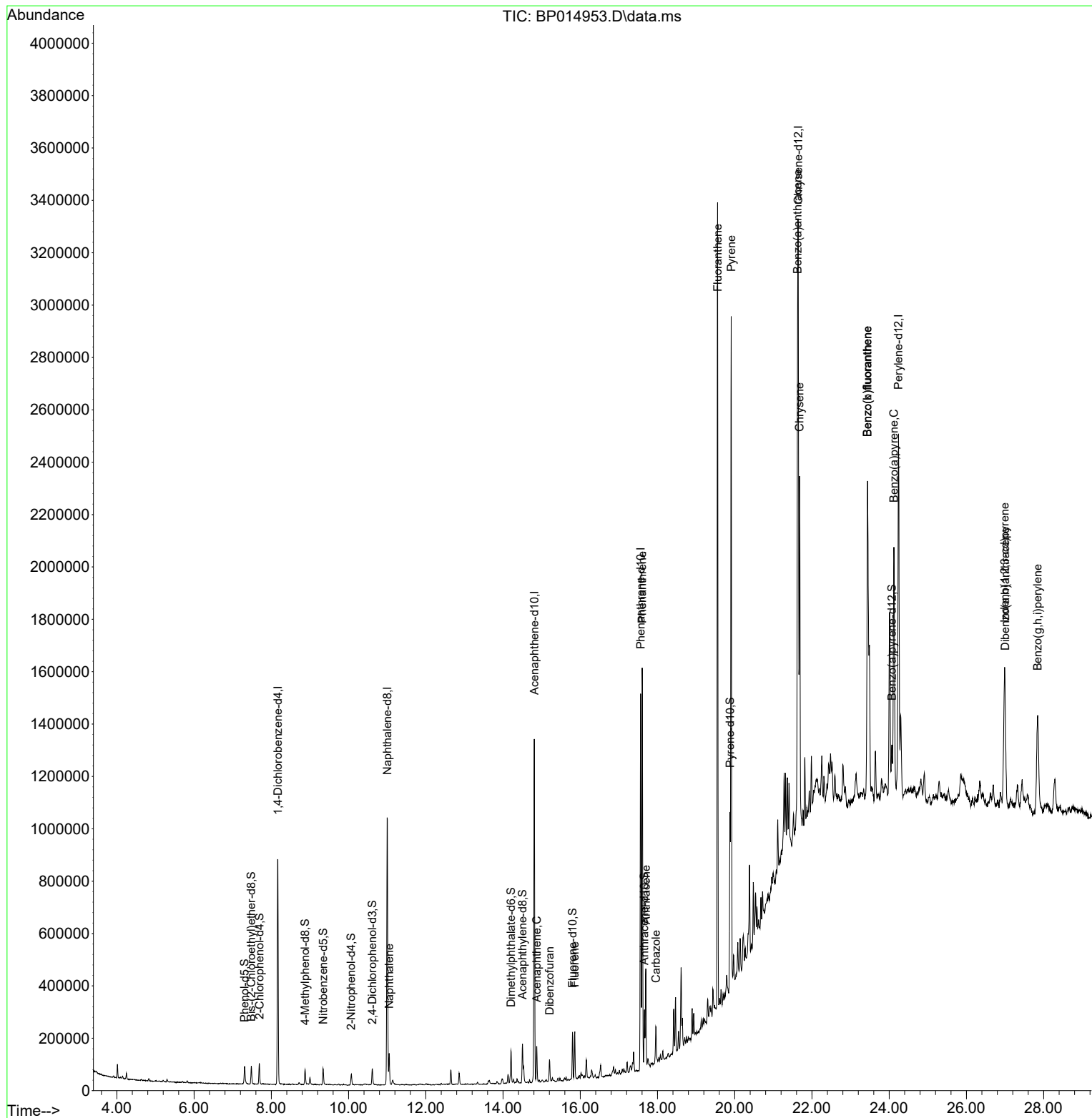
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	243824	20.000	ng/u1	0.00
20) Naphthalene-d8	11.005	136	869229	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	434719	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	861045	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	915655	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1114885	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	3227	0.492	ng/uL	0.00
4) Pyridine-d5	3.905	84	473	0.026	ng/u1	0.00
7) Phenol-d5	7.311	99	42850	2.027	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	30628	2.344	ng/u1	0.00
11) 2-Chlorophenol-d4	7.693	132	37236	2.396	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	23964	1.471	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	14935	2.416	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	14120	2.224	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	25387	2.037	ng/u1	0.00
31) 4-Chloroaniline-d4	11.146	131	10707	0.594	ng/u1	0.01
46) Dimethylphthalate-d6	14.210	166	83044	2.699	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	95740	2.595	ng/u1	0.00
54) 4-Nitrophenol-d4	14.993	143	256	0.048	ng/u1	0.00
60) Fluorene-d10	15.798	176	69620	2.630	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	628	0.130	ng/u1	0.00
73) Anthracene-d10	17.663	188	108415	2.802	ng/u1	0.00
81) Pyrene-d10	19.881	212	144677	2.343	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.069	264	157682	2.903	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	11.052	128	93628	1.960	ng/u1	99
52) Acenaphthene	14.875	153	56259	1.943	ng/u1	99
56) Dibenzofuran	15.204	168	48538	1.243	ng/u1	98
61) Fluorene	15.857	166	77171	2.504	ng/u1	98
72) Phenanthrene	17.604	178	915630	19.248	ng/u1	100
74) Anthracene	17.698	178	232848	4.917	ng/u1	99
77) Carbazole	17.963	167	87029	2.185	ng/u1	99
80) Fluoranthene	19.557	202	1759343	23.217	ng/u1	97
82) Pyrene	19.910	202	1490417	18.564	ng/u1	96
85) Benzo(a)anthracene	21.628	228	835814	13.676	ng/u1	99
87) Chrysene	21.680	228	799619	12.994	ng/u1	97
90) Benzo(b)fluoranthene	23.439	252	1168005	16.210	ng/u1	98
91) Benzo(k)fluoranthene	23.439	252	1168005	15.928	ng/u1	99
93) Benzo(a)pyrene	24.122	252	770051	12.186	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.992	276	563752	7.314	ng/u1	96
95) Dibenzo(a,h)anthracene	27.004	278	145885	2.309	ng/u1#	91
96) Benzo(g,h,i)perylene	27.845	276	534172	8.143	ng/u1	98

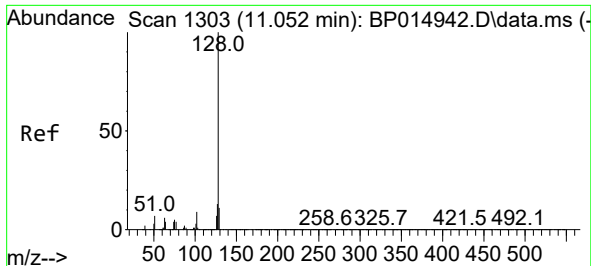
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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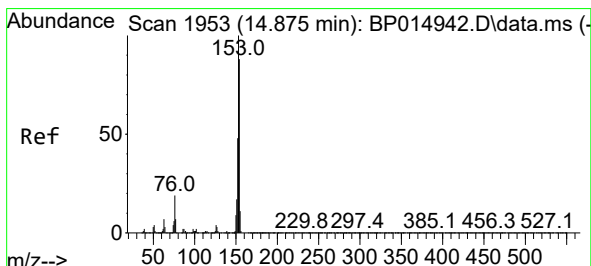
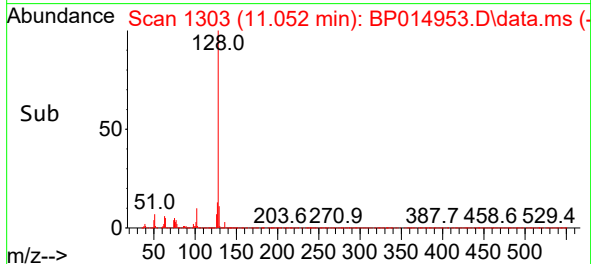
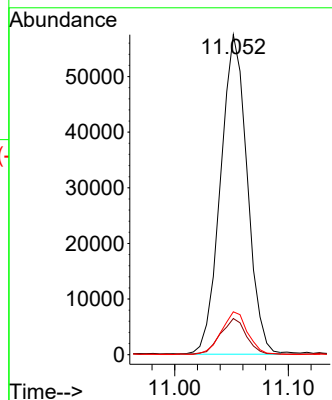
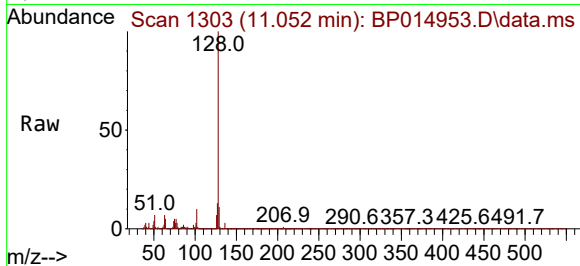




#30
Naphthalene
Concen: 1.960 ng/ul
RT: 11.052 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP014953.D
Acq: 04 May 2023 15:33

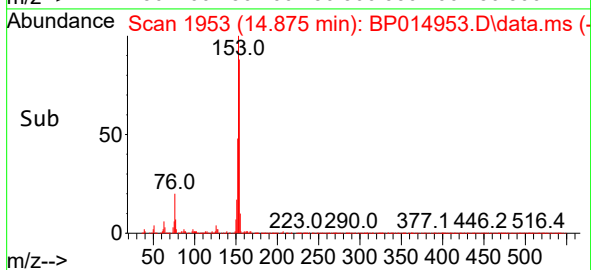
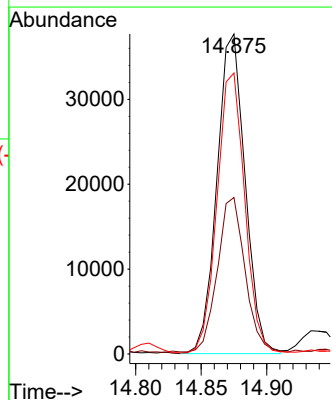
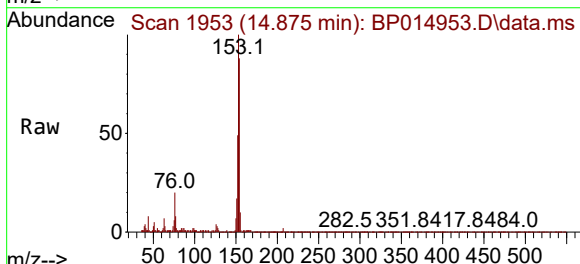
Instrument :
BNA_P
ClientSampleId :
EW905

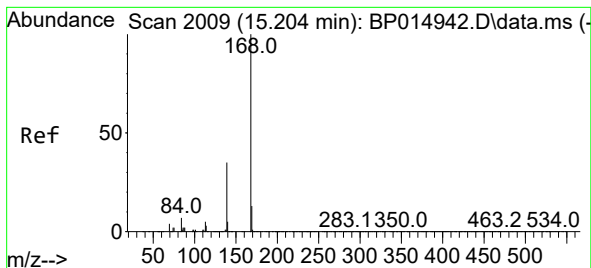
Tgt Ion:	128	Resp:	93628
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.7	13.1
127	13.4	10.4	15.6



#52
Acenaphthene
Concen: 1.943 ng/ul
RT: 14.875 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP014953.D
Acq: 04 May 2023 15:33

Tgt Ion:	153	Resp:	56259
Ion Ratio	Lower	Upper	
153	100		
152	48.9	38.8	58.2
154	87.8	69.6	104.4





#56

Dibenzenofuran

Concen: 1.243 ng/ul

RT: 15.204 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BP014953.D

Acq: 04 May 2023 15:33

Instrument :

BNA_P

ClientSampleId :

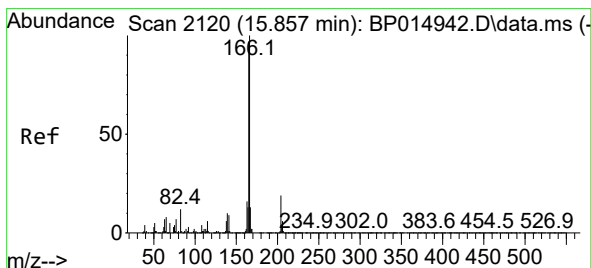
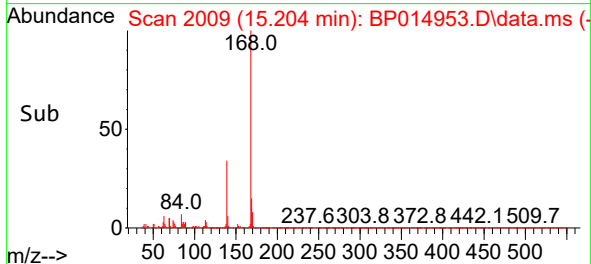
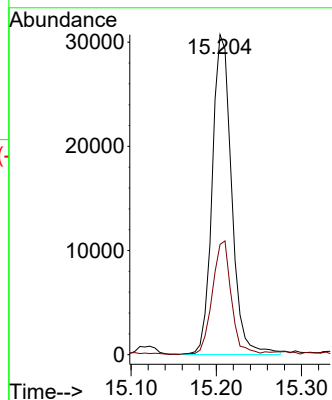
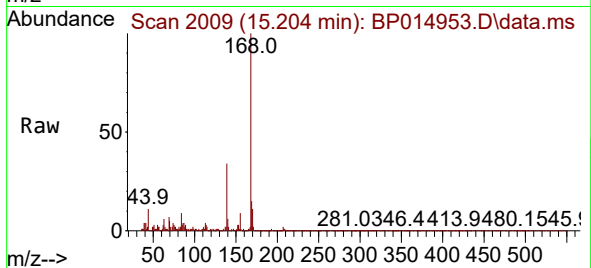
EW905

Tgt Ion:168 Resp: 48538

Ion Ratio Lower Upper

168 100

139 34.5 28.6 42.8



#61

Fluorene

Concen: 2.504 ng/ul

RT: 15.857 min Scan# 2120

Delta R.T. 0.000 min

Lab File: BP014953.D

Acq: 04 May 2023 15:33

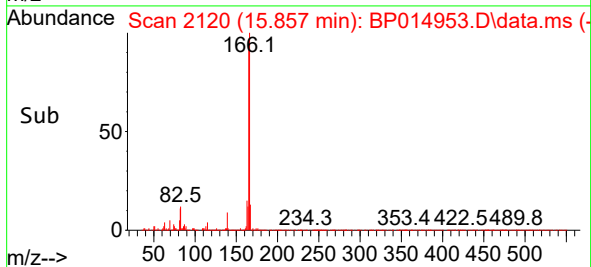
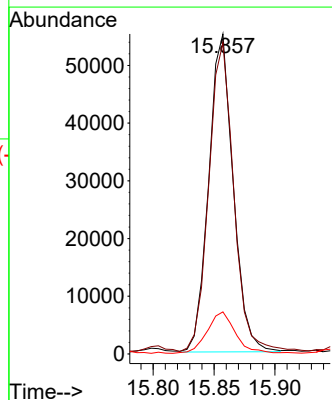
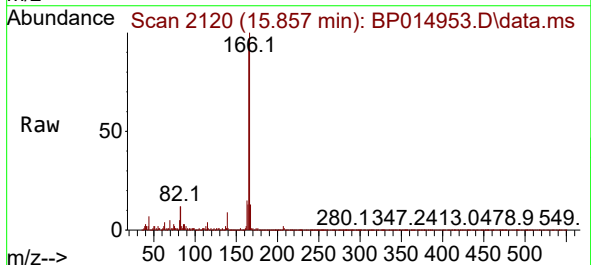
Tgt Ion:166 Resp: 77171

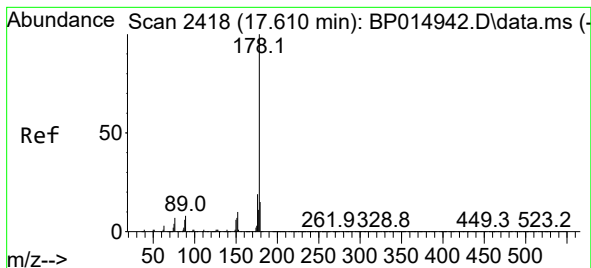
Ion Ratio Lower Upper

166 100

165 97.3 79.3 118.9

167 13.2 10.7 16.1





#72

Phenanthrene

Concen: 19.248 ng/ul

RT: 17.604 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BP014953.D

Acq: 04 May 2023 15:33

Instrument :

BNA_P

ClientSampleId :

EW905

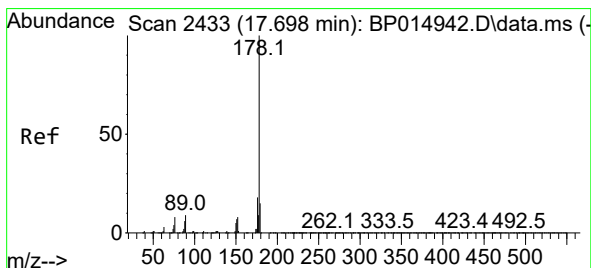
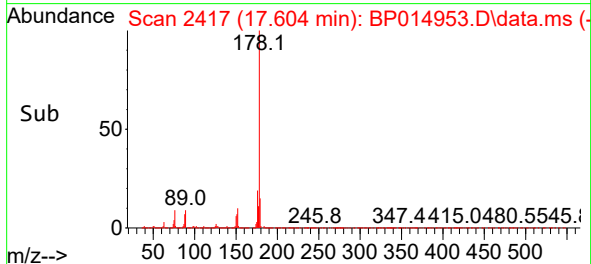
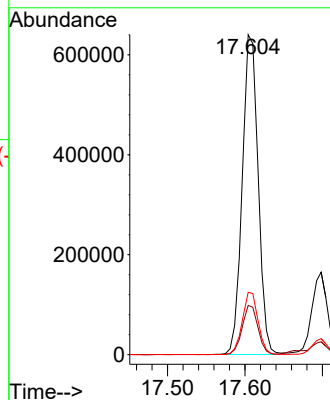
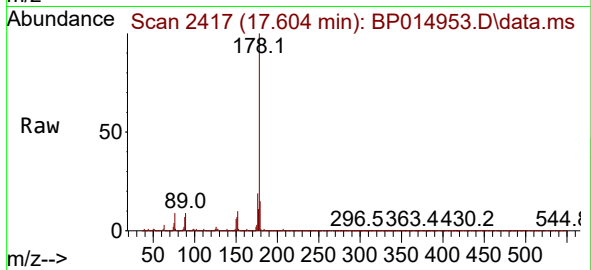
Tgt Ion:178 Resp: 915630

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.5 15.4 23.0



#74

Anthracene

Concen: 4.917 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP014953.D

Acq: 04 May 2023 15:33

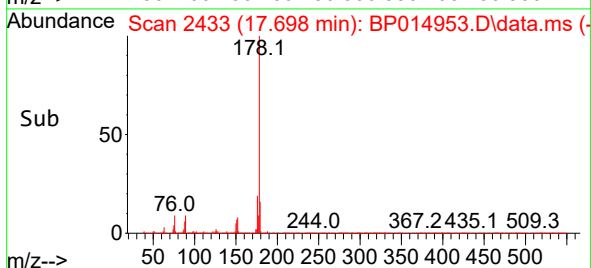
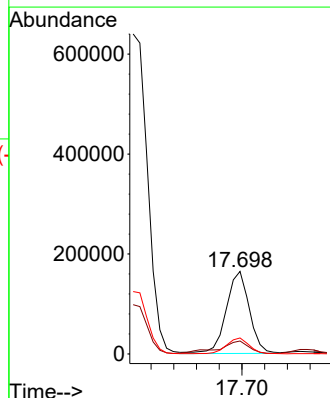
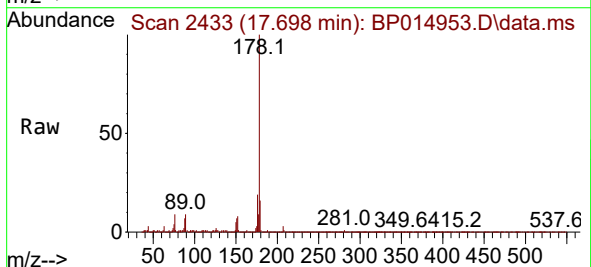
Tgt Ion:178 Resp: 232848

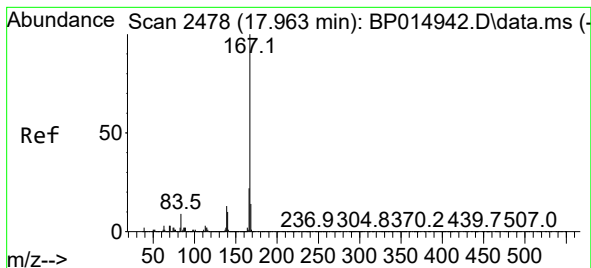
Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

176 19.4 15.0 22.4





#77

Carbazole

Concen: 2.185 ng/ul

RT: 17.963 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BP014953.D

Acq: 04 May 2023 15:33

Instrument :

BNA_P

ClientSampleId :

EW905

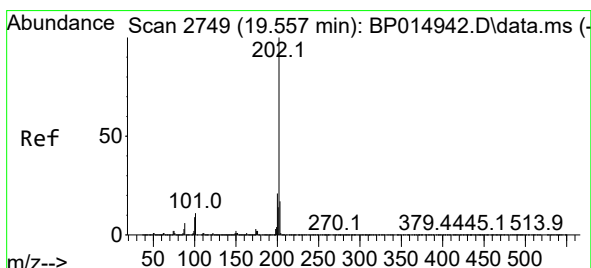
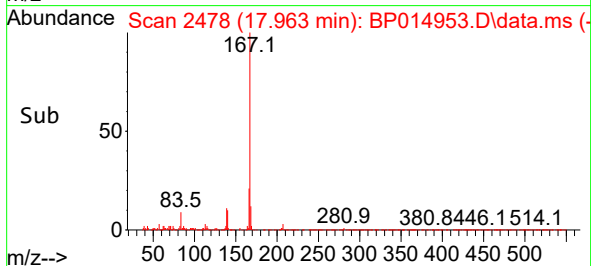
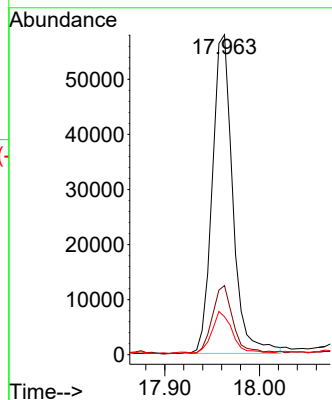
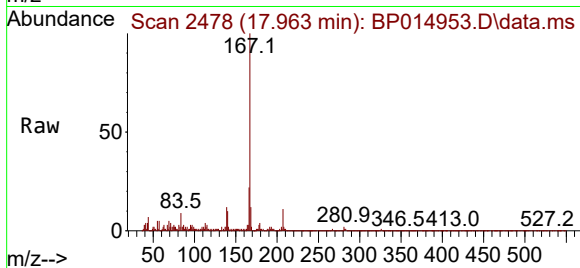
Tgt Ion:167 Resp: 87029

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 11.8 10.1 15.1



#80

Fluoranthene

Concen: 23.217 ng/ul

RT: 19.557 min Scan# 2749

Delta R.T. 0.000 min

Lab File: BP014953.D

Acq: 04 May 2023 15:33

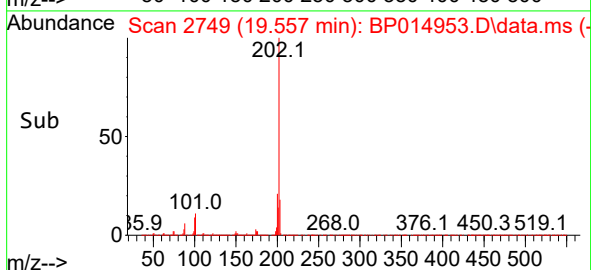
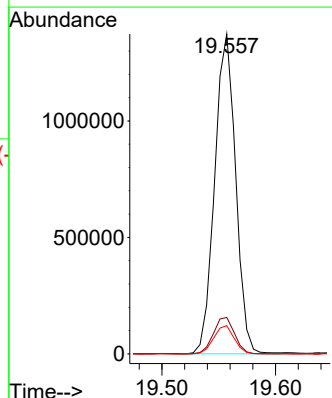
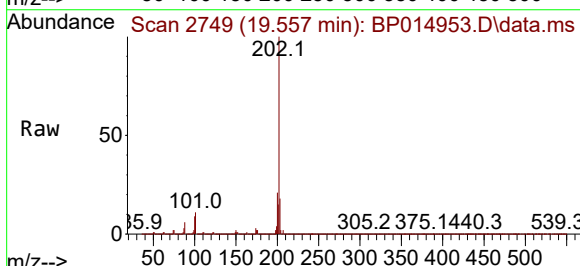
Tgt Ion:202 Resp: 1759343

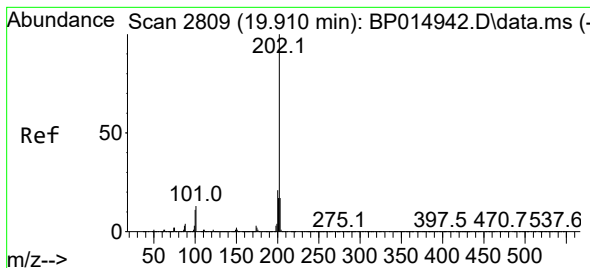
Ion Ratio Lower Upper

202 100

101 11.4 10.1 15.1

100 8.8 7.7 11.5





#82

Pyrene

Concen: 18.564 ng/ul

RT: 19.910 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BP014953.D

Acq: 04 May 2023 15:33

Instrument :

BNA_P

ClientSampleId :

EW905

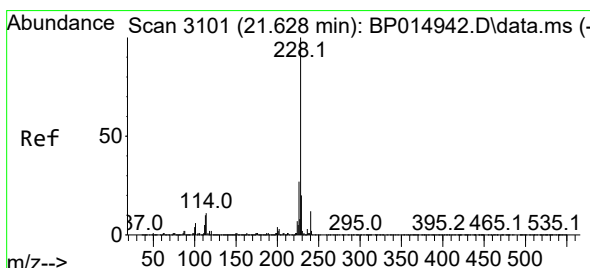
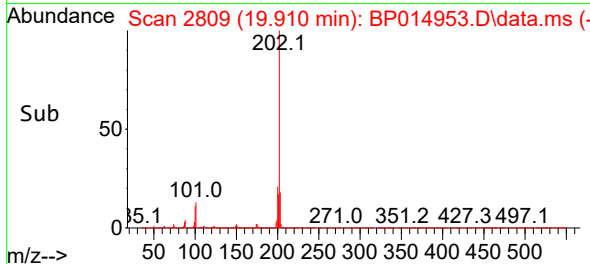
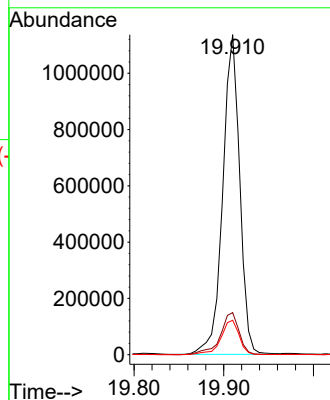
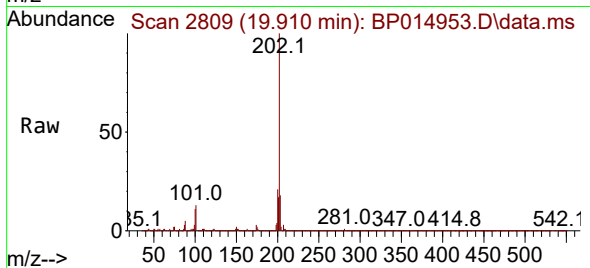
Tgt Ion:202 Resp: 1490417

Ion Ratio Lower Upper

202 100

101 13.2 11.9 17.9

100 10.7 9.7 14.5



#85

Benzo(a)anthracene

Concen: 13.676 ng/ul

RT: 21.628 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP014953.D

Acq: 04 May 2023 15:33

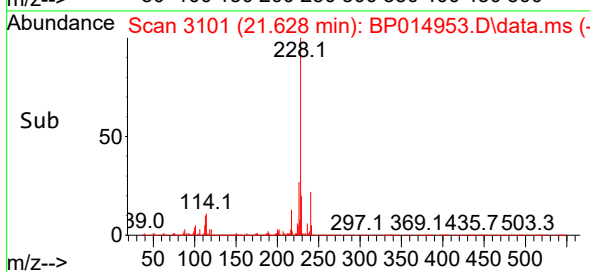
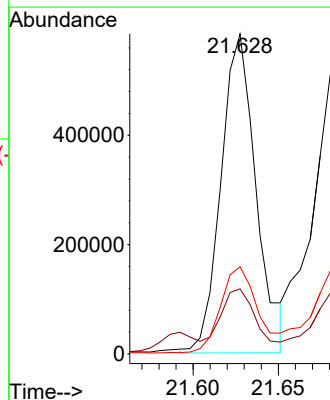
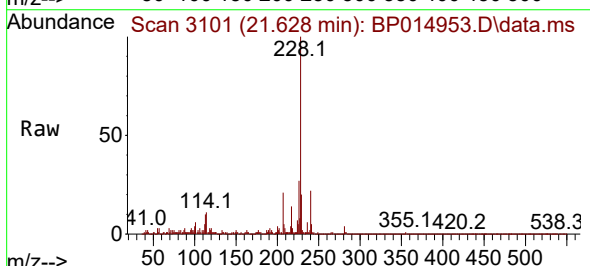
Tgt Ion:228 Resp: 835814

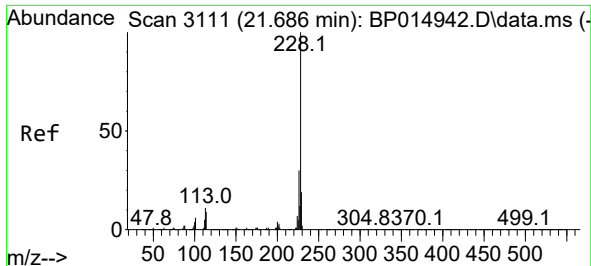
Ion Ratio Lower Upper

228 100

229 20.4 15.9 23.9

226 27.3 22.1 33.1

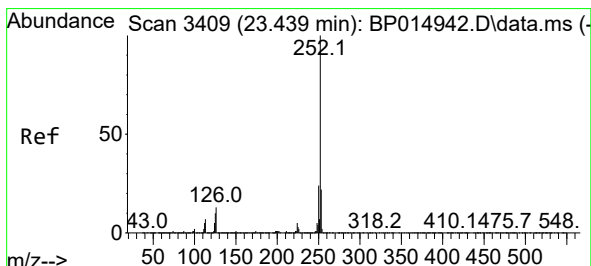
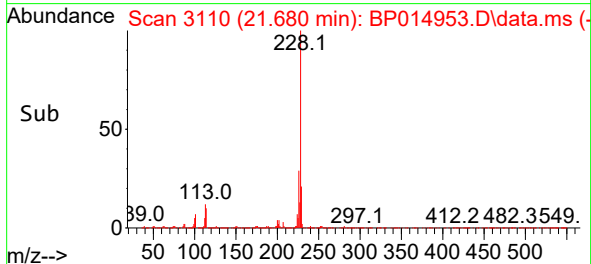
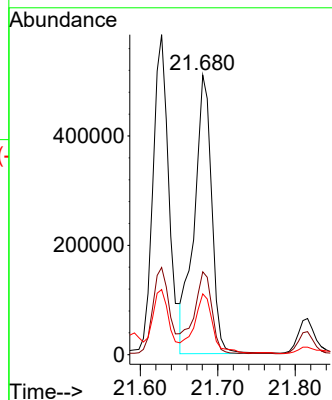
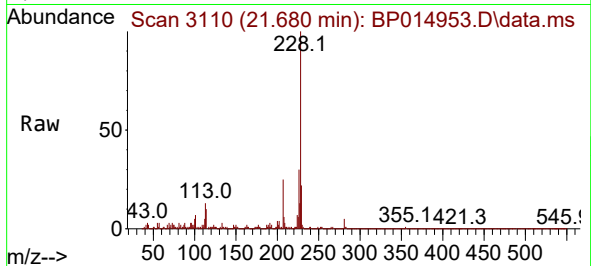




#87
Chrysene
Concen: 12.994 ng/ul
RT: 21.680 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP014953.D
Acq: 04 May 2023 15:33

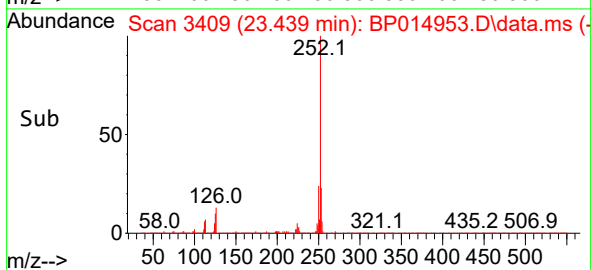
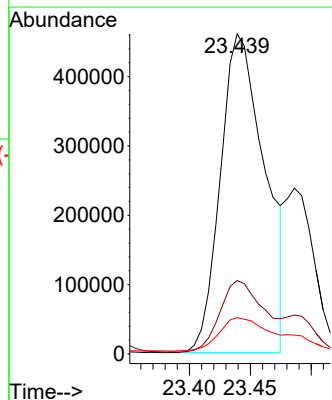
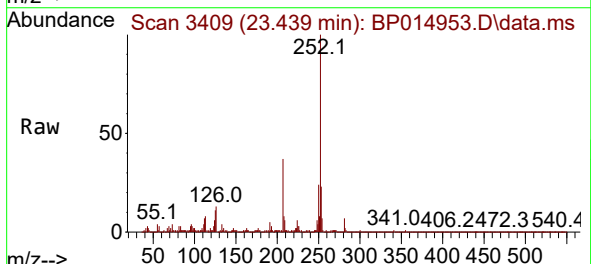
Instrument :
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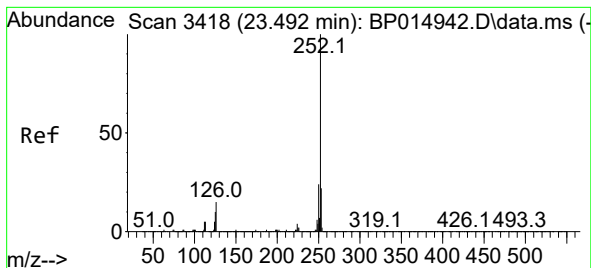
Tgt Ion:228 Resp: 799619
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 21.8 15.8 23.8



#90
Benzo(b)fluoranthene
Concen: 16.210 ng/ul
RT: 23.439 min Scan# 3409
Delta R.T. 0.000 min
Lab File: BP014953.D
Acq: 04 May 2023 15:33

Tgt Ion:252 Resp: 1168005
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 11.4 8.4 12.6





#91

Benzo(k)fluoranthene

Concen: 15.928 ng/ul

RT: 23.439 min Scan# 3418

Delta R.T. -0.053 min

Lab File: BP014953.D

Acq: 04 May 2023 15:33

Instrument :

BNA_P

ClientSampleId :

EW905

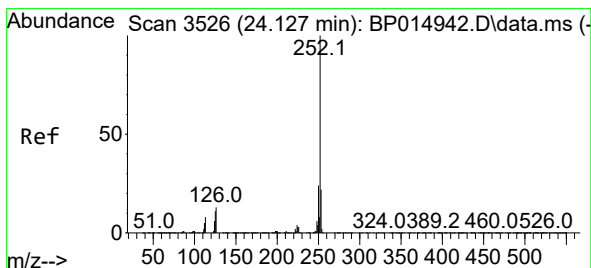
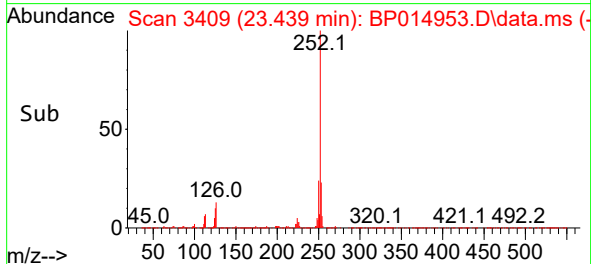
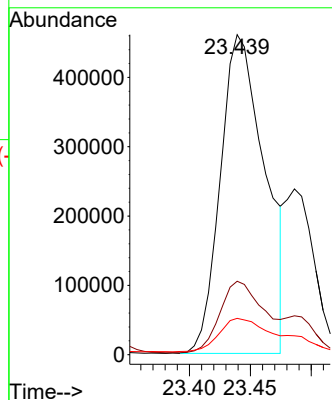
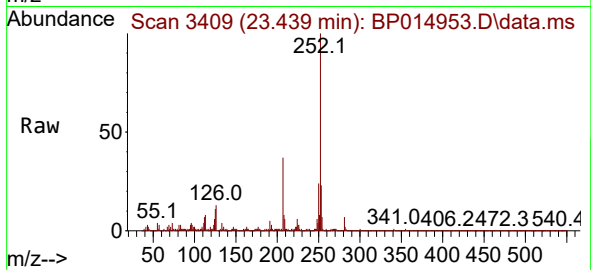
Tgt Ion:252 Resp: 1168005

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 11.4 8.9 13.3



#93

Benzo(a)pyrene

Concen: 12.186 ng/ul

RT: 24.122 min Scan# 3525

Delta R.T. -0.006 min

Lab File: BP014953.D

Acq: 04 May 2023 15:33

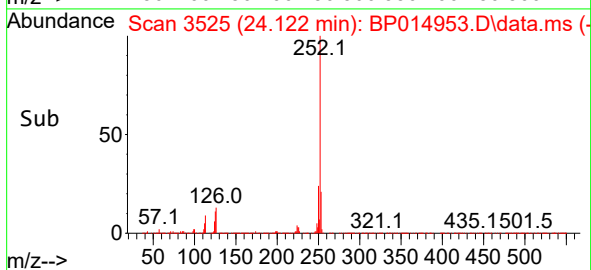
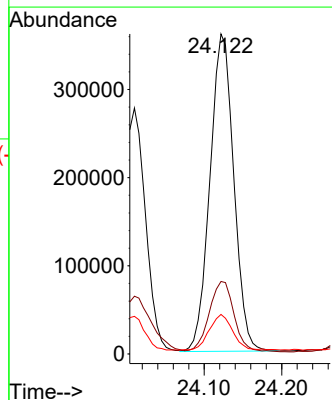
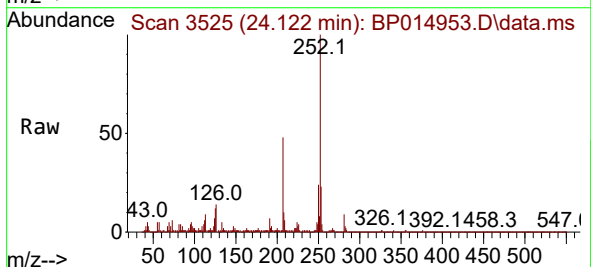
Tgt Ion:252 Resp: 770051

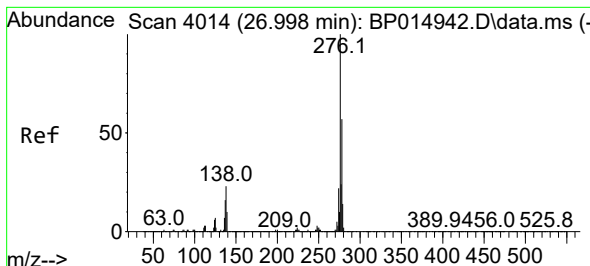
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 12.4 9.4 14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.314 ng/ul

RT: 26.992 min Scan# 4013

Delta R.T. -0.006 min

Lab File: BP014953.D

Acq: 04 May 2023 15:33

Instrument :

BNA_P

ClientSampleId :

EW905

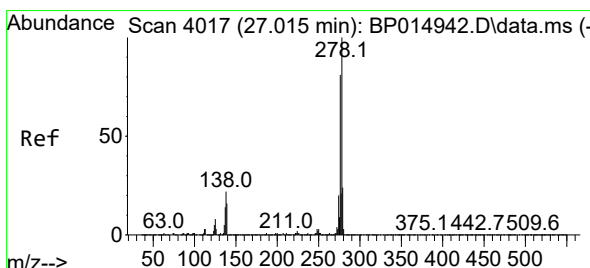
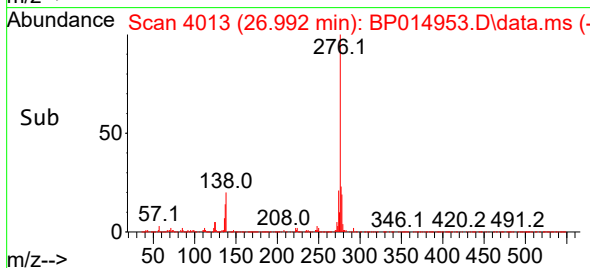
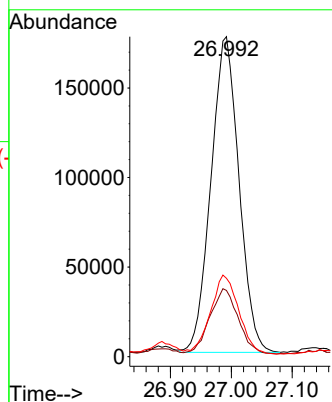
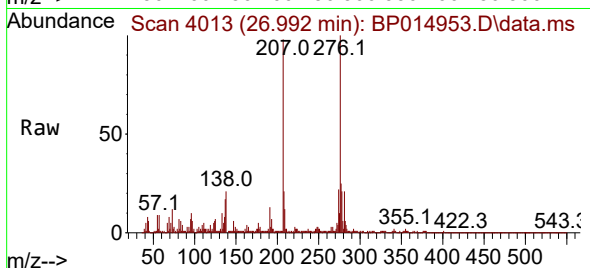
Tgt Ion:276 Resp: 563752

Ion Ratio Lower Upper

276 100

138 20.7 19.4 29.0

277 24.5 19.4 29.2



#95

Dibenzo(a,h)anthracene

Concen: 2.309 ng/ul

RT: 27.004 min Scan# 4015

Delta R.T. -0.012 min

Lab File: BP014953.D

Acq: 04 May 2023 15:33

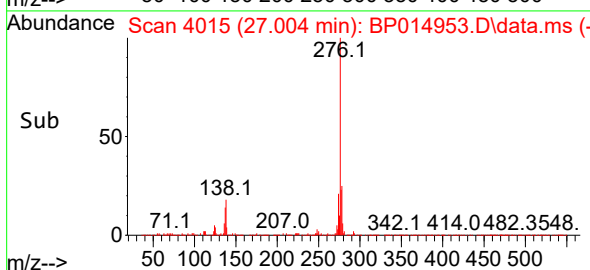
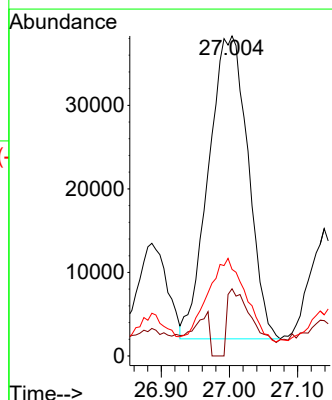
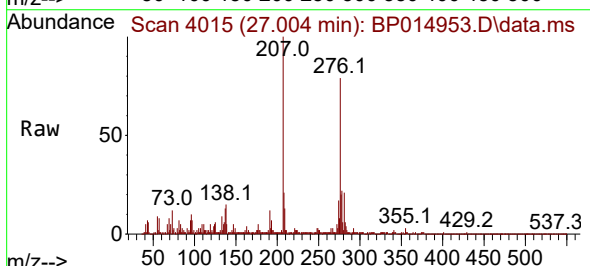
Tgt Ion:278 Resp: 145885

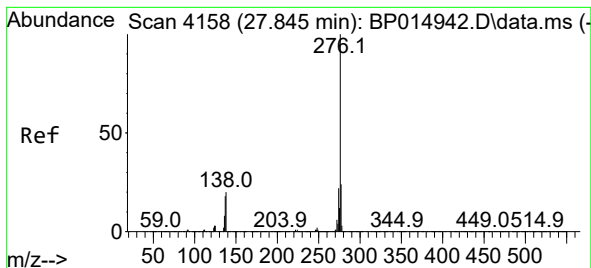
Ion Ratio Lower Upper

278 100

139 21.0 12.9 19.3#

279 27.1 19.0 28.6





#96

Benzo(g,h,i)perylene

Concen: 8.143 ng/ul

RT: 27.845 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP014953.D

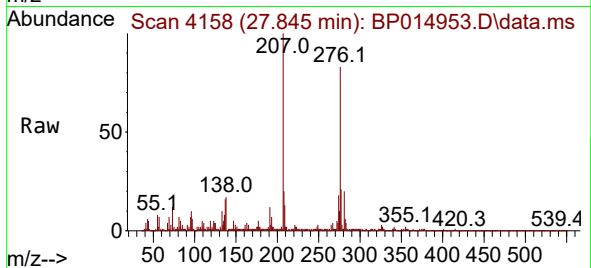
Acq: 04 May 2023 15:33

Instrument :

BNA_P

ClientSampleId :

EW905



Tgt Ion:276 Resp: 534172

Ion Ratio Lower Upper

276 100

138 20.7 18.0 27.0

277 24.9 19.8 29.8

