

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
 Data File : BP014743.D
 Acq On : 19 Apr 2023 22:51
 Operator : CG/JU
 Sample : 02296-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBL0

Quant Time: Apr 20 02:36:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 20 02:32:50 2023
 Response via : Initial Calibration

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

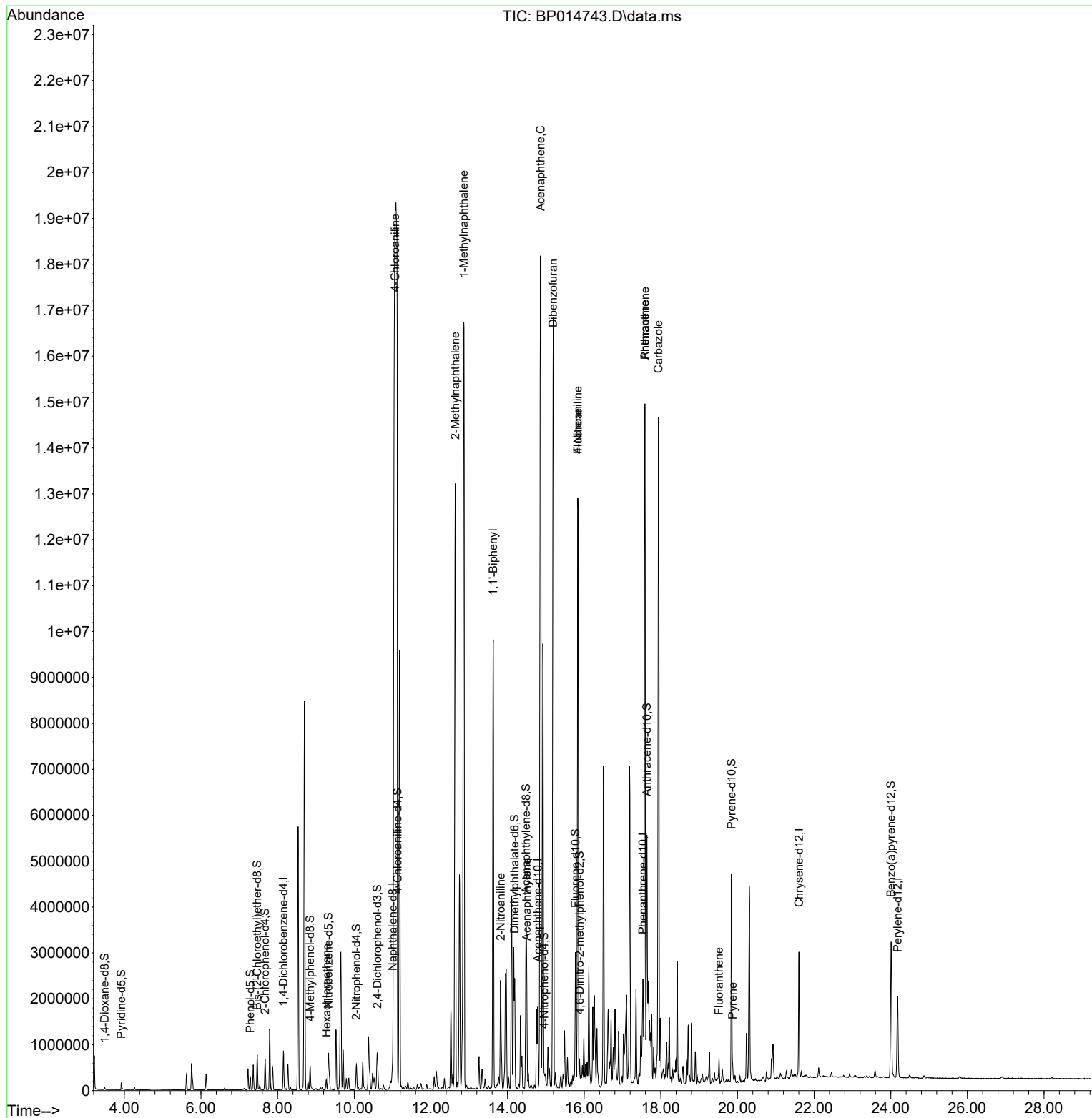
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	232823	20.000	ng/ul	0.00
20) Naphthalene-d8	11.010	136	869632	20.000	ng/ul	0.03
38) Acenaphthene-d10	14.787	164	623527	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.534	188	1326590	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	1294912	20.000	ng/ul	0.00
88) Perylene-d12	24.180	264	1429130	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	24101	4.114	ng/uL	0.00
4) Pyridine-d5	3.922	84	84467	5.296	ng/ul	0.00
7) Phenol-d5	7.287	99	101028	5.019	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	317320	25.552	ng/ul	0.00
11) 2-Chlorophenol-d4	7.675	132	313072	20.941	ng/ul	0.00
15) 4-Methylphenol-d8	8.852	113	204778	13.049	ng/ul	0.00
21) Nitrobenzene-d5	9.328	128	202486	37.158	ng/ul	0.00
24) 2-Nitrophenol-d4	10.057	143	189994	38.603	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.599	165	375542	28.102	ng/ul	0.00
31) 4-Chloroaniline-d4	11.128	131	189793	9.305	ng/ul	0.02
46) Dimethylphthalate-d6	14.187	166	1349650	27.337	ng/ul	0.00
49) Acenaphthylene-d8	14.481	160	1487436	25.997	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	37437	4.767	ng/ul	0.00
60) Fluorene-d10	15.775	176	1158254	27.341	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	126300	23.526	ng/ul	0.00
73) Anthracene-d10	17.634	188	1834203	28.621	ng/ul	0.00
81) Pyrene-d10	19.845	212	2296809	30.963	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	2295467	30.990	ng/ul	0.00
Target Compounds						
					Qvalue	
19) Hexachloroethane	9.275	117	25955	3.941	ng/ul#	7
32) 4-Chloroaniline	11.069	127	4353946	210.707	ng/ul#	11
36) 2-Methylnaphthalene	12.634	142	7123511	218.937	ng/ul	100
37) 1-Methylnaphthalene	12.857	142	10377904	321.732	ng/ul	99
43) 1,1'-Biphenyl	13.628	154	5820818	115.126	ng/ul	98
45) 2-Nitroaniline	13.822	65	18497	2.473	ng/ul#	26
50) Acenaphthylene	14.504	152	137035	2.210	ng/ul#	51
52) Acenaphthene	14.863	153	10476424	247.784	ng/ul	99
56) Dibenzofuran	15.187	168	12777277	214.719	ng/ul	97
61) Fluorene	15.834	166	6814054	140.280	ng/ul	99
63) 4-Nitroaniline	15.834	138	76659	9.941	ng/ul#	23
72) Phenanthrene	17.586	178	10126885	135.449	ng/ul	98
74) Anthracene	17.586	178	10126885	133.605	ng/ul	98
77) Carbazole	17.939	167	11706709	175.934	ng/ul	98
80) Fluoranthene	19.516	202	305351	3.538	ng/ul	98
82) Pyrene	19.875	202	125505	1.374	ng/ul	98

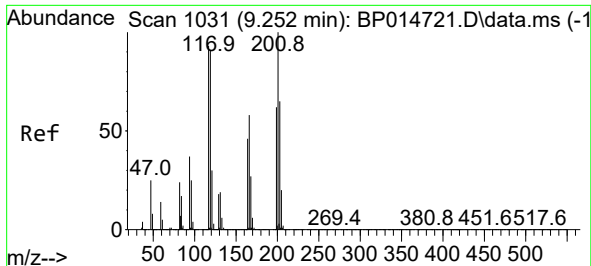
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

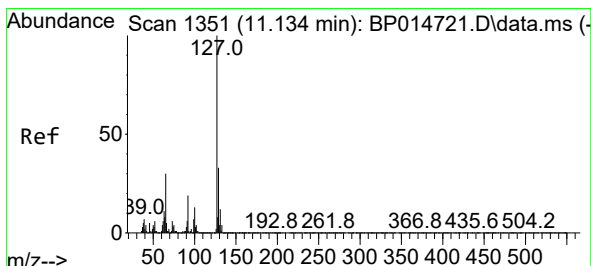
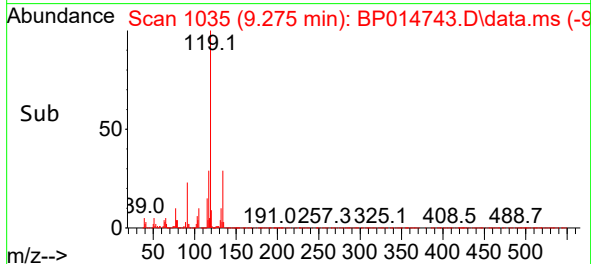
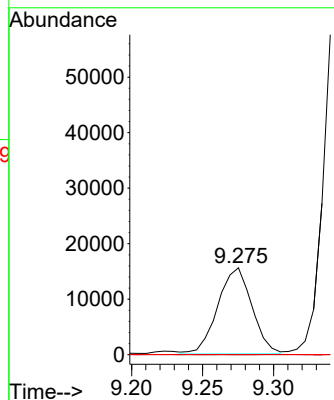
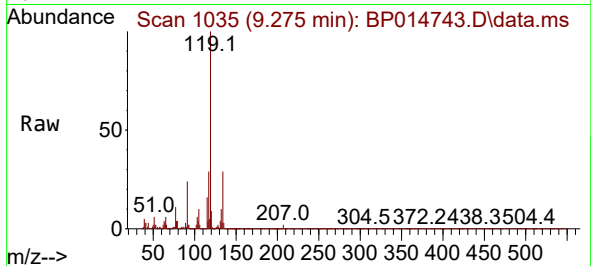




#19
Hexachloroethane
Concen: 3.941 ng/ul
RT: 9.275 min Scan# 1035
Delta R.T. 0.023 min
Lab File: BP014743.D
Acq: 19 Apr 2023 22:51

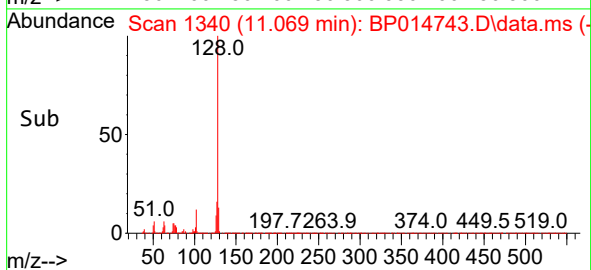
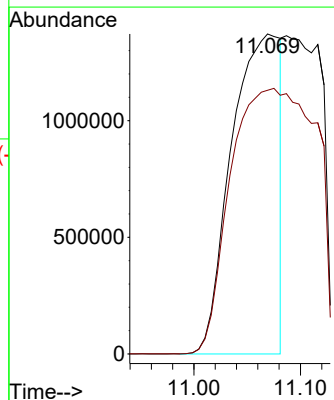
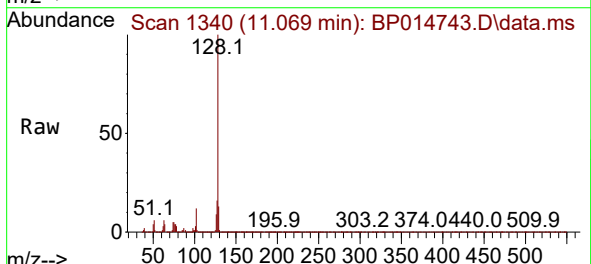
Instrument :
BNA_P
ClientSampleId :
DCBL0

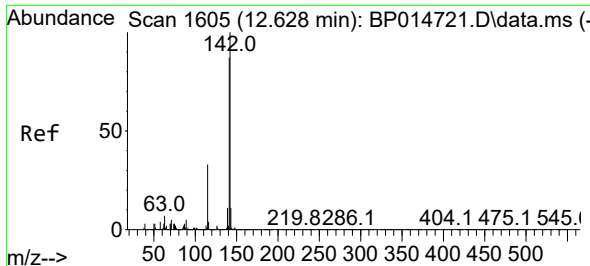
Tgt Ion:117 Resp: 25955
Ion Ratio Lower Upper
117 100
201 0.1 81.0 121.4#
199 0.1 51.5 77.3#



#32
4-Chloroaniline
Concen: 210.707 ng/ul
RT: 11.069 min Scan# 1340
Delta R.T. -0.065 min
Lab File: BP014743.D
Acq: 19 Apr 2023 22:51

Tgt Ion:127 Resp: 4353946
Ion Ratio Lower Upper
127 100
129 82.4 26.0 39.0#

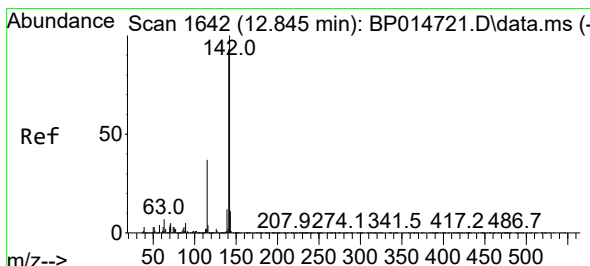
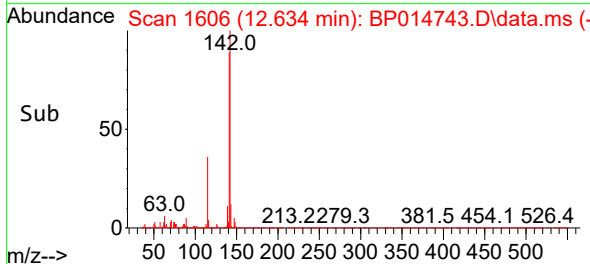
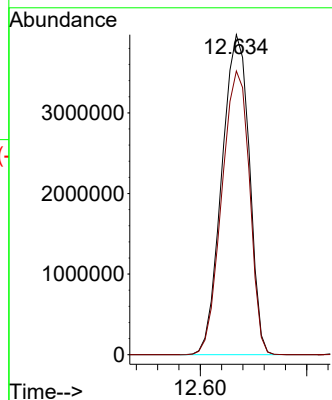
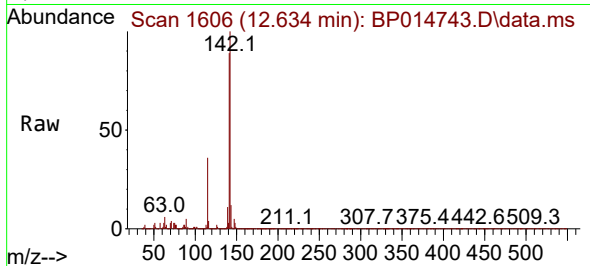




#36
2-Methylnaphthalene
Concen: 218.937 ng/ul
RT: 12.634 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BP014743.D
Acq: 19 Apr 2023 22:51

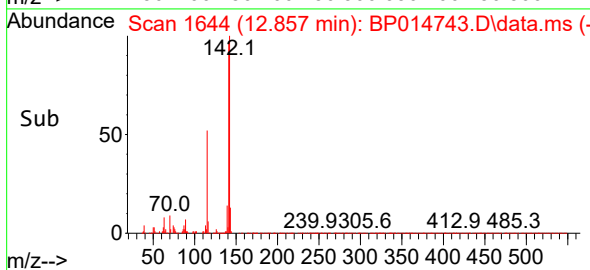
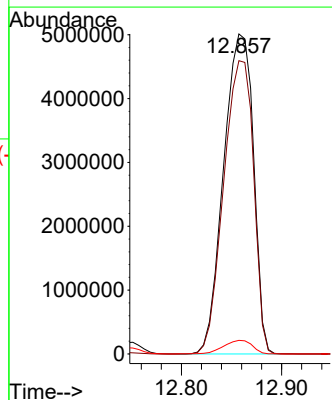
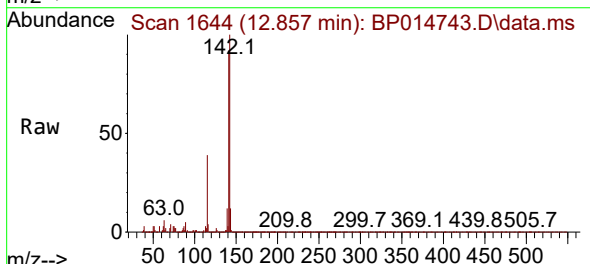
Instrument :
BNA_P
ClientSampleId :
DCBL0

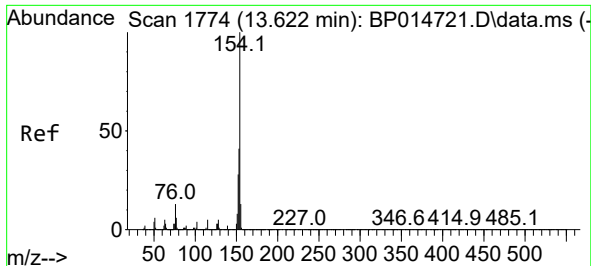
Tgt Ion:142 Resp: 7123511
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3



#37
1-Methylnaphthalene
Concen: 321.732 ng/ul
RT: 12.857 min Scan# 1644
Delta R.T. 0.018 min
Lab File: BP014743.D
Acq: 19 Apr 2023 22:51

Tgt Ion:142 Resp:10377904
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.6
116 4.2 3.3 4.9

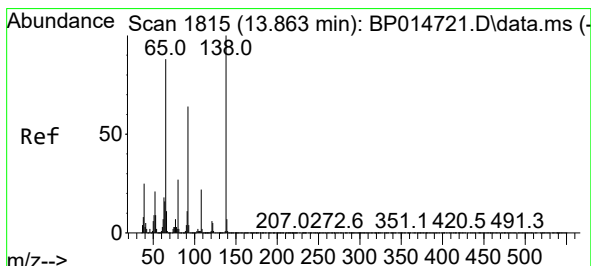
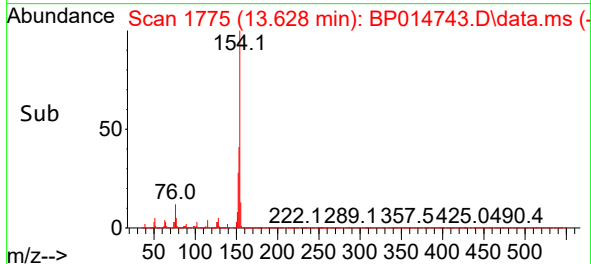
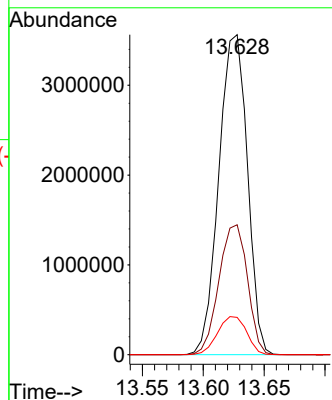
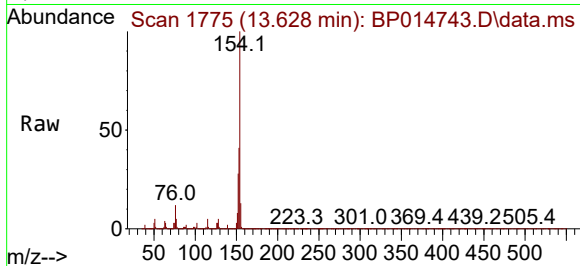




#43
1,1'-Biphenyl
Concen: 115.126 ng/ul
RT: 13.628 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP014743.D
Acq: 19 Apr 2023 22:51

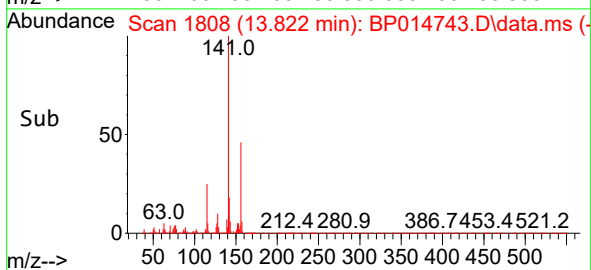
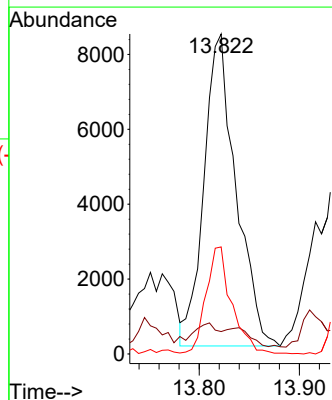
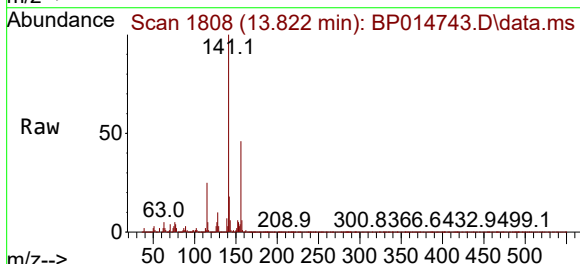
Instrument :
BNA_P
ClientSampleId :
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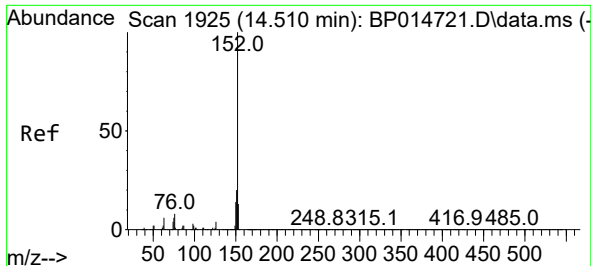
Tgt Ion:154 Resp: 5820818
Ion Ratio Lower Upper
154 100
153 40.6 31.9 47.9
76 11.7 10.8 16.2



#45
2-Nitroaniline
Concen: 2.473 ng/ul
RT: 13.822 min Scan# 1808
Delta R.T. -0.035 min
Lab File: BP014743.D
Acq: 19 Apr 2023 22:51

Tgt Ion: 65 Resp: 18497
Ion Ratio Lower Upper
65 100
92 7.0 57.0 85.4#
138 33.5 86.8 130.2#

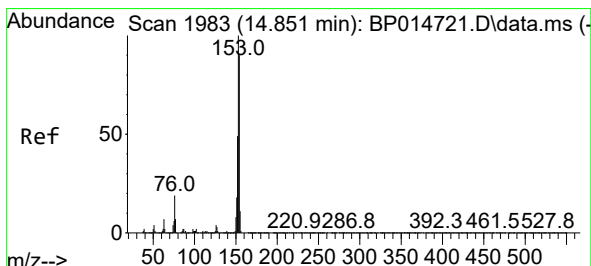
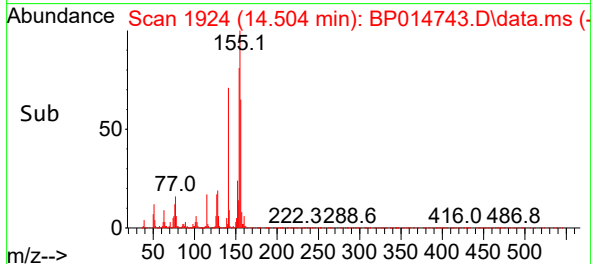
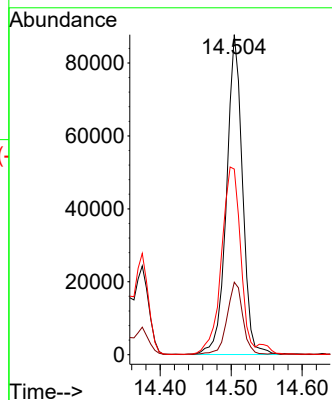
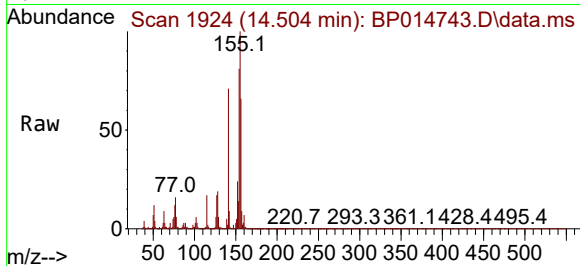




#50
Acenaphthylene
Concen: 2.210 ng/ul
RT: 14.504 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BP014743.D
Acq: 19 Apr 2023 22:51

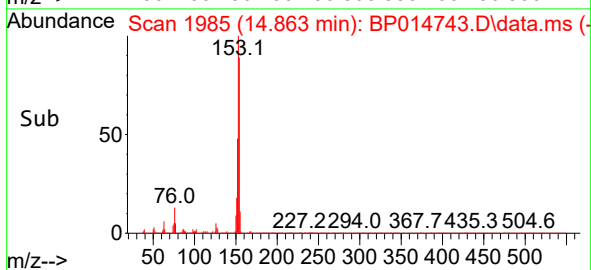
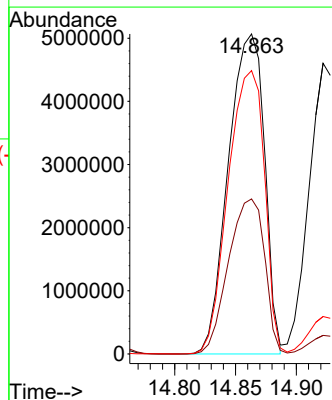
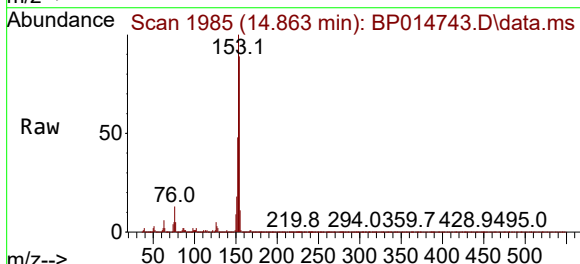
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ClientSampleId :
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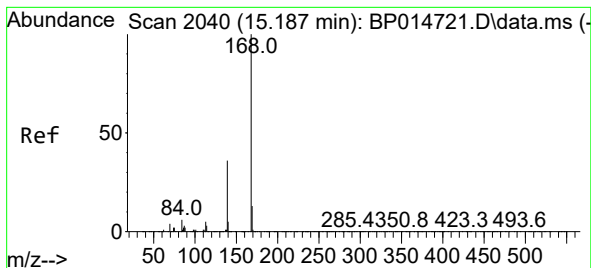
Tgt Ion:152 Resp: 137035
Ion Ratio Lower Upper
152 100
151 22.7 15.7 23.5
153 58.0 10.0 15.0#



#52
Acenaphthene
Concen: 247.784 ng/ul
RT: 14.863 min Scan# 1985
Delta R.T. 0.018 min
Lab File: BP014743.D
Acq: 19 Apr 2023 22:51

Tgt Ion:153 Resp:10476424
Ion Ratio Lower Upper
153 100
152 48.4 38.4 57.6
154 88.5 69.8 104.8

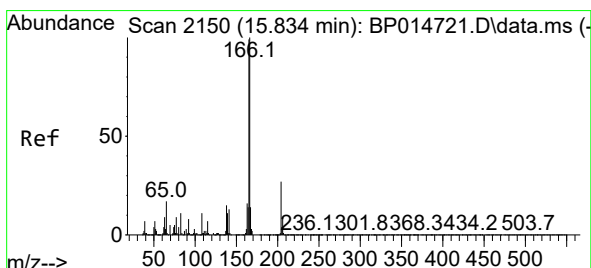
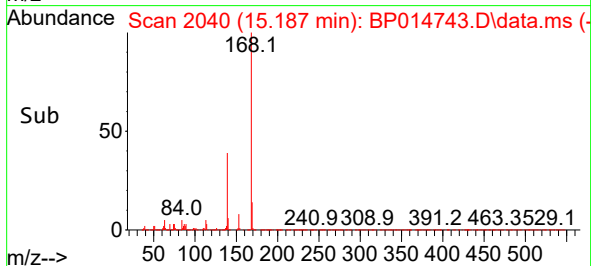
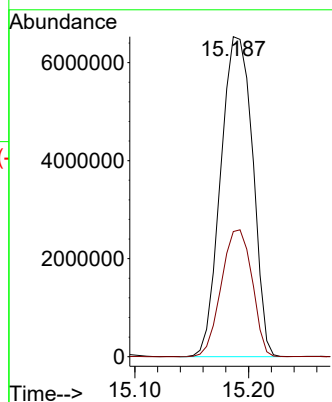
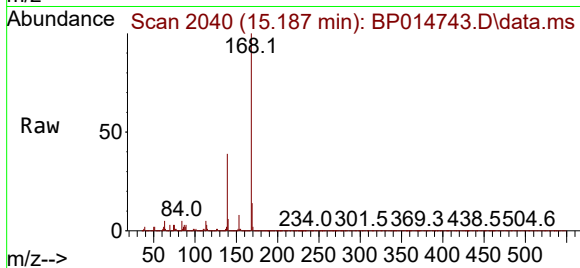




#56
Dibenzenofuran
Concen: 214.719 ng/ul
RT: 15.187 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BP014743.D
Acq: 19 Apr 2023 22:51

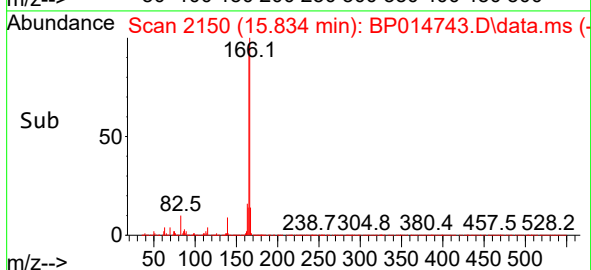
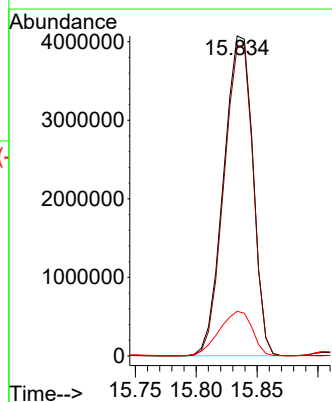
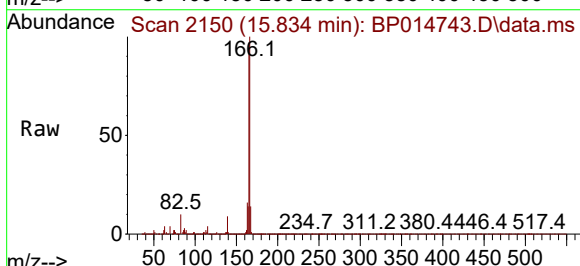
Instrument :
BNA_P
ClientSampleId :
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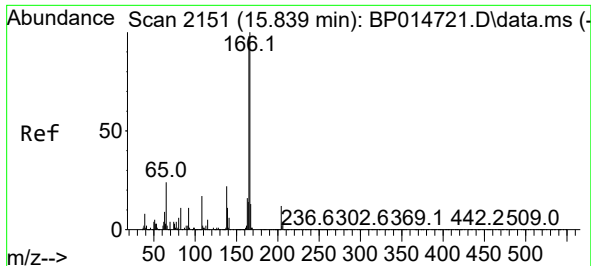
Tgt Ion:168 Resp:12777277
Ion Ratio Lower Upper
168 100
139 39.1 29.8 44.8



#61
Fluorene
Concen: 140.280 ng/ul
RT: 15.834 min Scan# 2150
Delta R.T. 0.006 min
Lab File: BP014743.D
Acq: 19 Apr 2023 22:51

Tgt Ion:166 Resp: 6814054
Ion Ratio Lower Upper
166 100
165 96.8 78.6 117.8
167 14.0 10.5 15.7

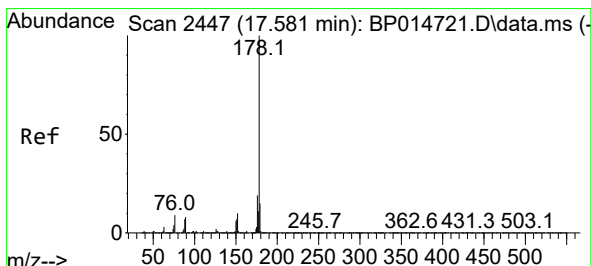
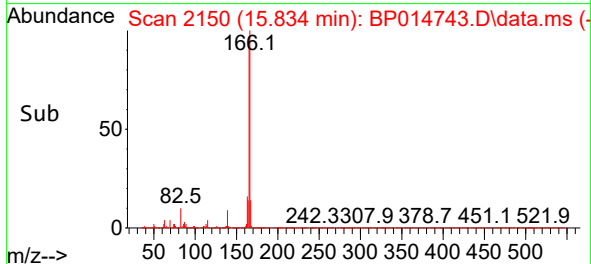
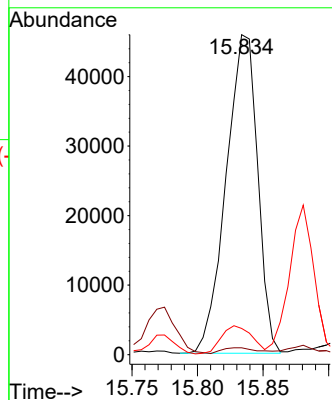
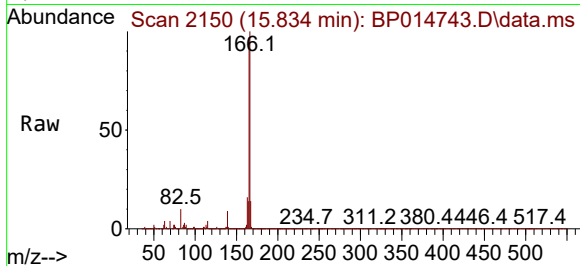




#63
4-Nitroaniline
Concen: 9.941 ng/ul
RT: 15.834 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BP014743.D
Acq: 19 Apr 2023 22:51

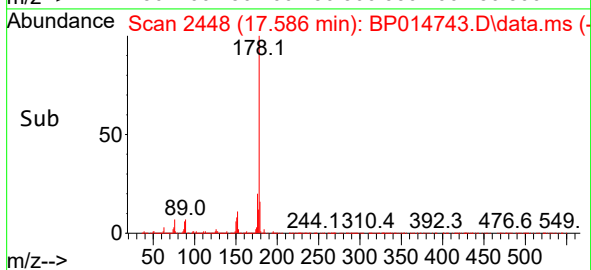
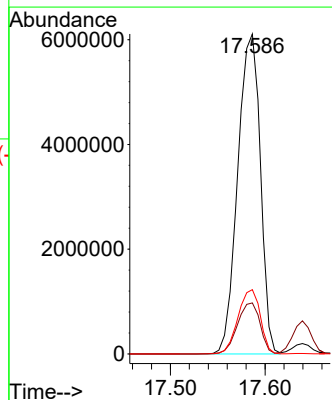
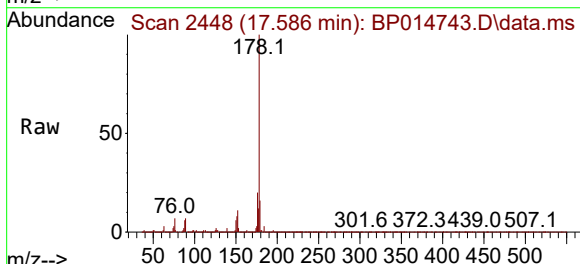
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ClientSampleId :
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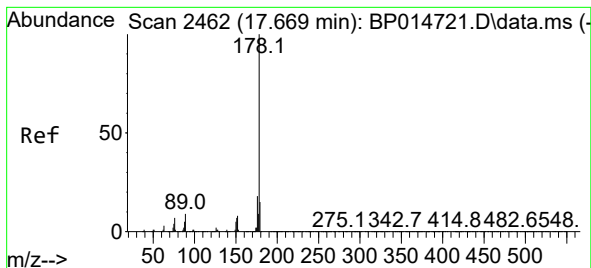
Tgt Ion:138 Resp: 76659
Ion Ratio Lower Upper
138 100
92 2.1 40.9 61.3#
108 8.2 63.8 95.6#



#72
Phenanthrene
Concen: 135.449 ng/ul
RT: 17.586 min Scan# 2448
Delta R.T. 0.012 min
Lab File: BP014743.D
Acq: 19 Apr 2023 22:51

Tgt Ion:178 Resp:10126885
Ion Ratio Lower Upper
178 100
179 16.0 12.1 18.1
176 20.1 15.3 22.9





#74

Anthracene

Concen: 133.605 ng/ul

RT: 17.586 min Scan# 2462

Delta R.T. -0.082 min

Lab File: BP014743.D

Acq: 19 Apr 2023 22:51

Instrument :

BNA_P

ClientSampleId :

DCBL0

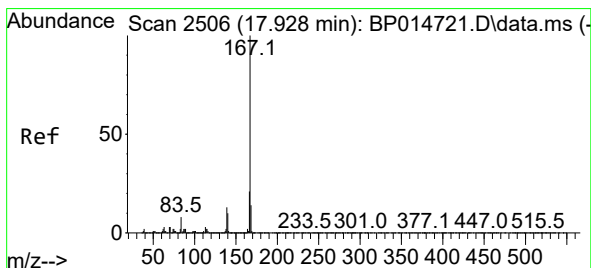
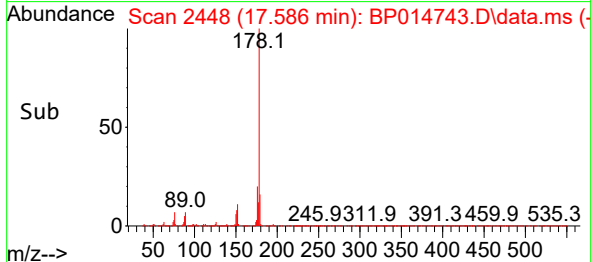
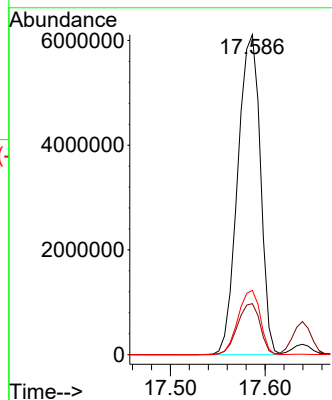
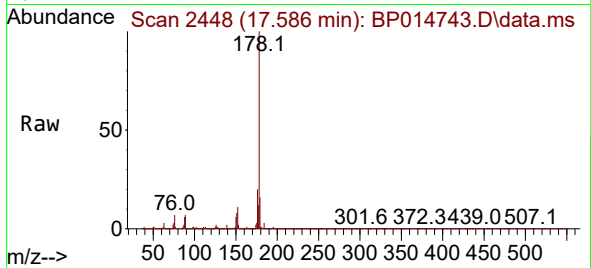
Tgt Ion:178 Resp:10126885

Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

176 20.1 15.1 22.7



#77

Carbazole

Concen: 175.934 ng/ul

RT: 17.939 min Scan# 2508

Delta R.T. 0.012 min

Lab File: BP014743.D

Acq: 19 Apr 2023 22:51

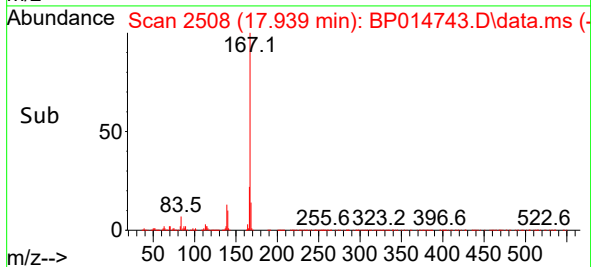
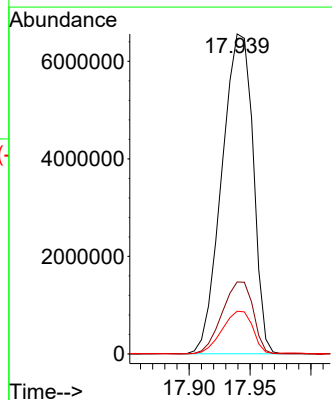
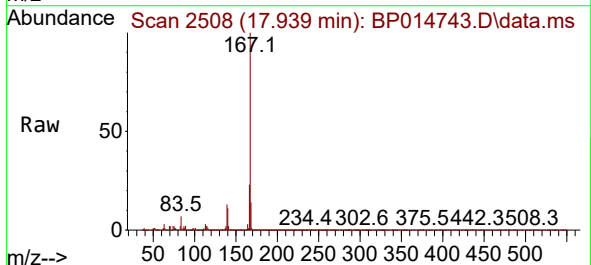
Tgt Ion:167 Resp:11706709

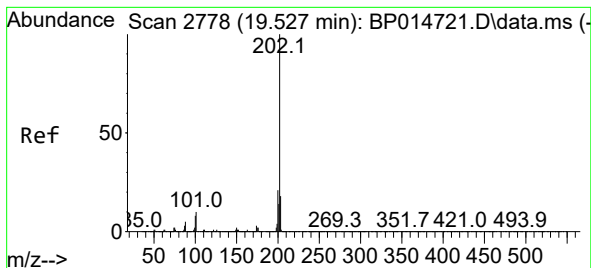
Ion Ratio Lower Upper

167 100

166 22.5 17.0 25.4

139 13.3 10.2 15.2





#80

Fluoranthene

Concen: 3.538 ng/ul

RT: 19.516 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014743.D

Acq: 19 Apr 2023 22:51

Instrument :

BNA_P

ClientSampleId :

DCBL0

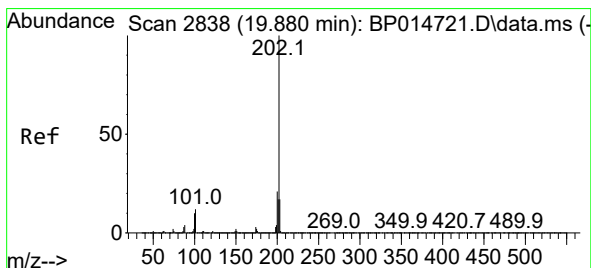
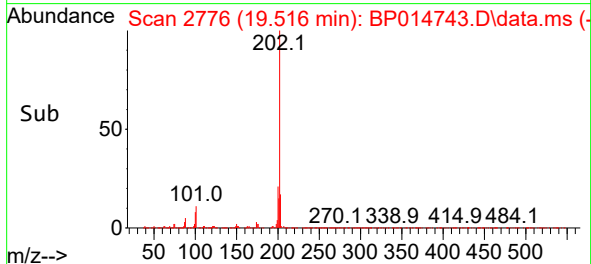
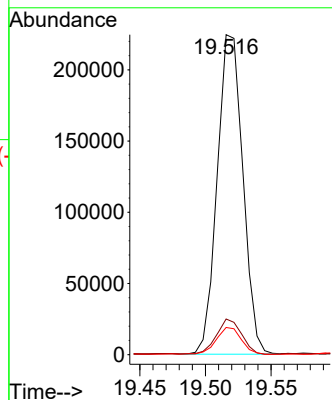
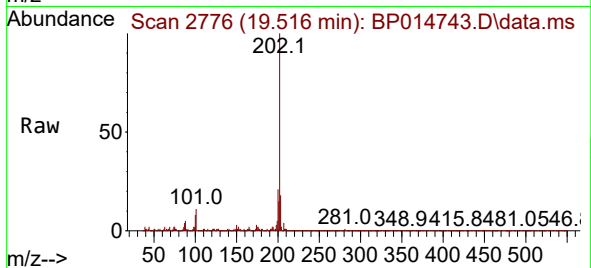
Tgt Ion:202 Resp: 305351

Ion Ratio Lower Upper

202 100

101 11.2 8.4 12.6

100 8.5 6.4 9.6



#82

Pyrene

Concen: 1.374 ng/ul

RT: 19.875 min Scan# 2837

Delta R.T. -0.000 min

Lab File: BP014743.D

Acq: 19 Apr 2023 22:51

Tgt Ion:202 Resp: 125505

Ion Ratio Lower Upper

202 100

101 12.3 9.4 14.0

100 11.0 8.0 12.0

