

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

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/20/2023
 Supervised By : Jagrut Upadhyay 04/20/2023

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/u1	0.00
20) Naphthalene-d8	11.010	136	869632	20.000	ng/u1	0.03
38) Acenaphthene-d10	14.787	164	623527	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.534	188	1326590	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	1294912	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1429130	20.000	ng/u1	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/u1	0.00
7) Phenol-d5	7.287	99	101028	5.019	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	317320	25.552	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	313072	20.941	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	204778	13.049	ng/u1	0.00
21) Nitrobenzene-d5	9.328	128	202486	37.158	ng/u1	0.00
24) 2-Nitrophenol-d4	10.057	143	189994	38.603	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.599	165	375542	28.102	ng/u1	0.00
31) 4-Chloroaniline-d4	11.128	131	246071m	12.064	ng/u1	0.02
46) Dimethylphthalate-d6	14.187	166	1349650	27.337	ng/u1	0.00
49) Acenaphthylene-d8	14.481	160	1487436	25.997	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	37437	4.767	ng/u1	0.00
60) Fluorene-d10	15.775	176	1158254	27.341	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	126300	23.526	ng/u1	0.00
73) Anthracene-d10	17.634	188	1834203	28.621	ng/u1	0.00
81) Pyrene-d10	19.845	212	2296809	30.963	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.010	264	2295467	30.990	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	11.052	128	50157729m	1029.132	ng/u1	
36) 2-Methylnaphthalene	12.634	142	7123511	218.937	ng/u1	100
37) 1-Methylnaphthalene	12.857	142	10377904	321.732	ng/u1	99
43) 1,1'-Biphenyl	13.628	154	5820818	115.126	ng/u1	98
52) Acenaphthene	14.863	153	10476424	247.784	ng/u1	99
56) Dibenzofuran	15.187	168	12777277	214.719	ng/u1	97
61) Fluorene	15.834	166	6814054	140.280	ng/u1	99
72) Phenanthrene	17.586	178	10126885	135.449	ng/u1	98
77) Carbazole	17.939	167	11706709	175.934	ng/u1	98
80) Fluoranthene	19.516	202	305351	3.538	ng/u1	98
82) Pyrene	19.875	202	125505	1.374	ng/u1	98

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

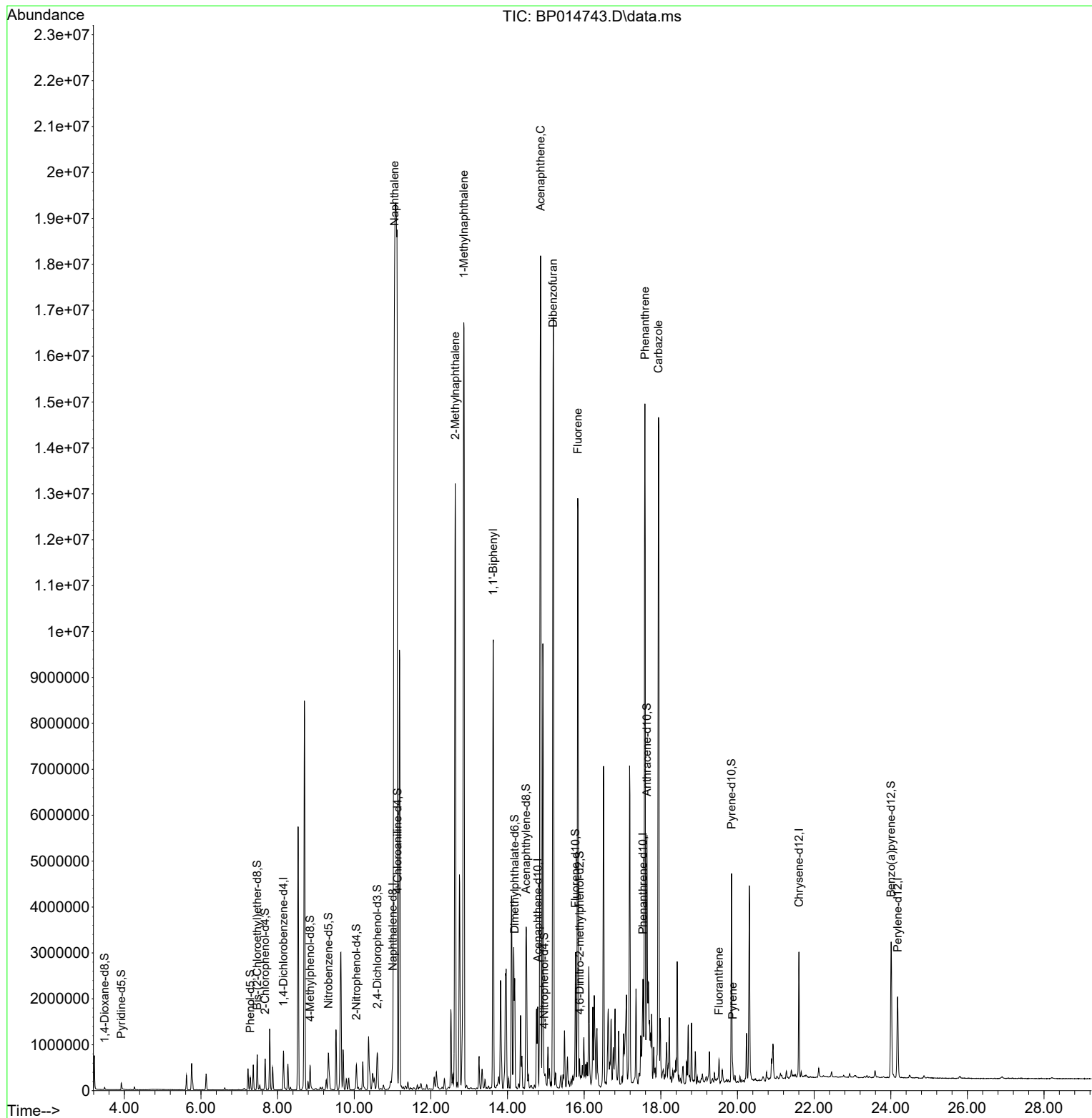
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

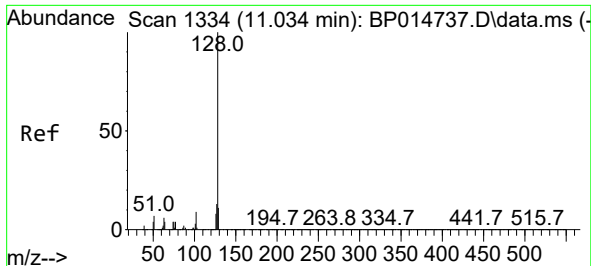
Instrument :
BNA_P
ClientSampleId :
DCBL0

Quant Time: Apr 20 02:36:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
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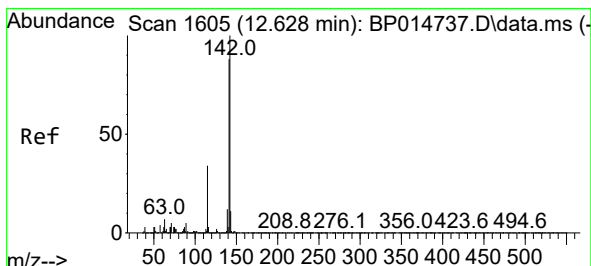
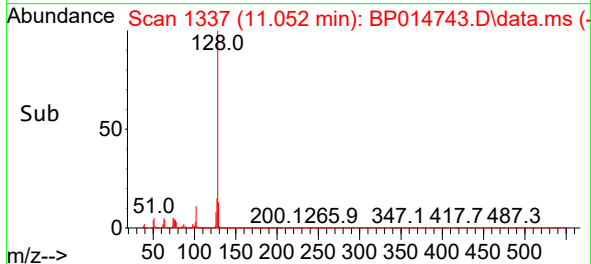
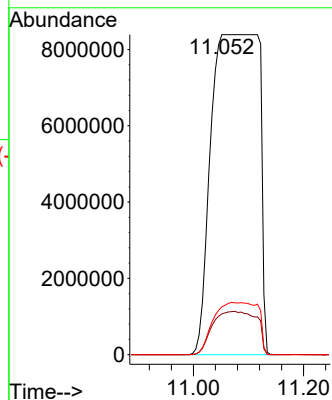
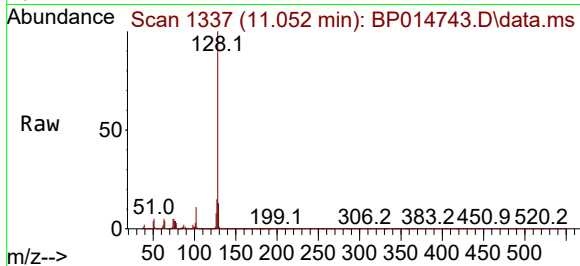
#30
Naphthalene
Concen: 1029.132 ng/ul m
RT: 11.052 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP014743.D
Acq: 19 Apr 2023 22:51

Instrument :
BNA_P
ClientSampleId :
DCBL0

Tgt Ion:128 Resp:50157729
Ion Ratio Lower Upper
128 100
129 12.7 8.9 13.3
127 14.9 10.4 15.6

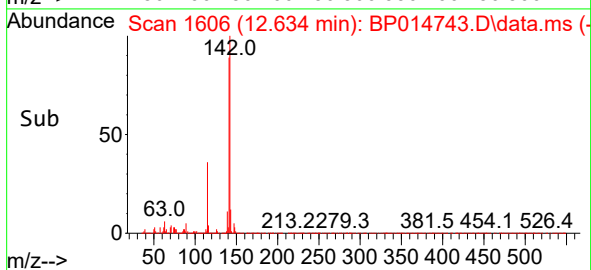
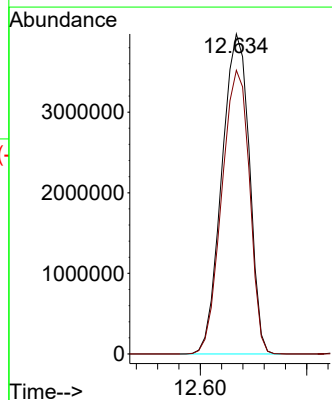
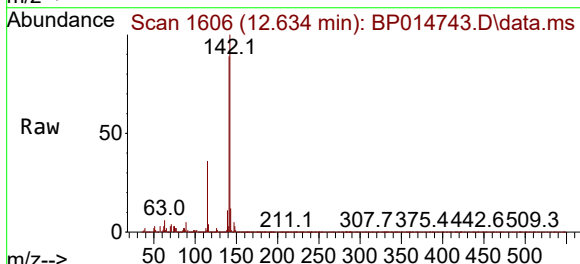
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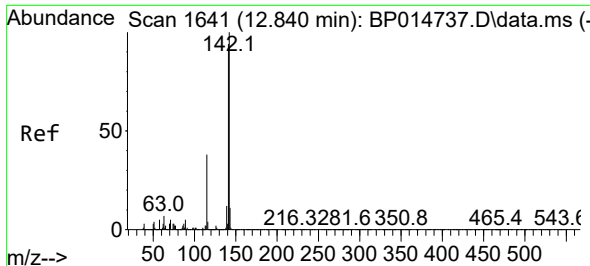
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#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

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

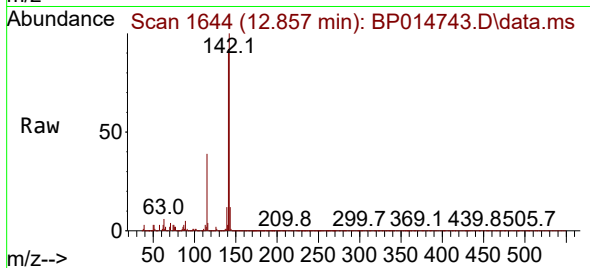
Acq: 19 Apr 2023 22:51

Instrument :

BNA_P

ClientSampleId :

DCBL0



Tgt Ion:142 Resp:10377904

Ion Ratio Lower Upper

142 100

141 91.7 73.8 110.6

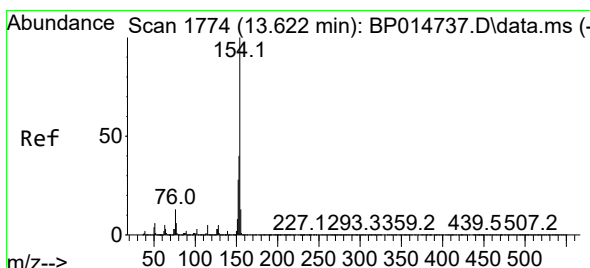
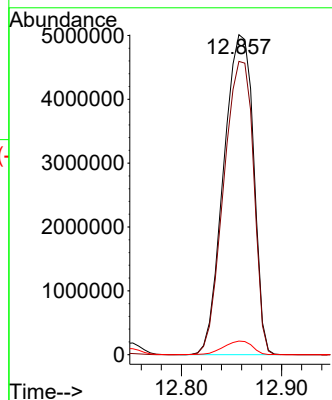
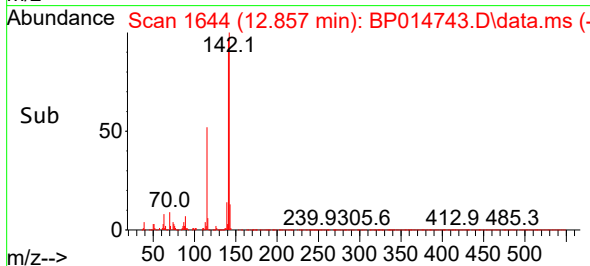
116 4.2 3.3 4.9

Manual Integrations

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#43

1,1'-Biphenyl

Concen: 115.126 ng/ul

RT: 13.628 min Scan# 1775

Delta R.T. 0.006 min

Lab File: BP014743.D

Acq: 19 Apr 2023 22:51

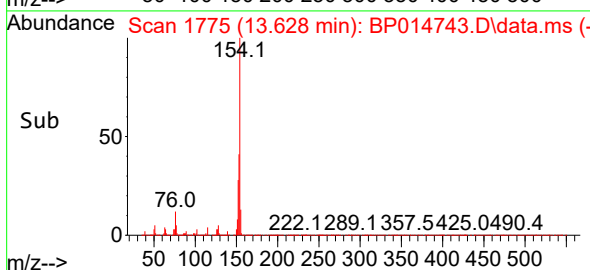
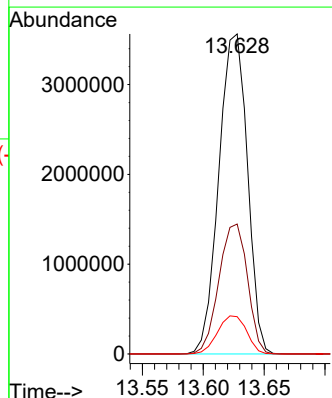
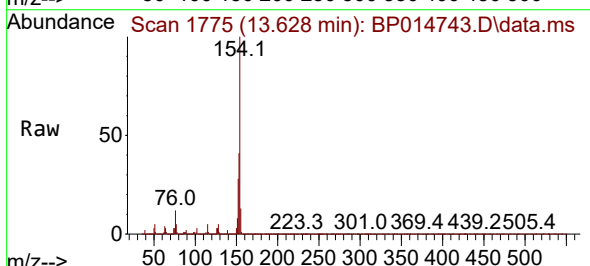
Tgt Ion:154 Resp: 5820818

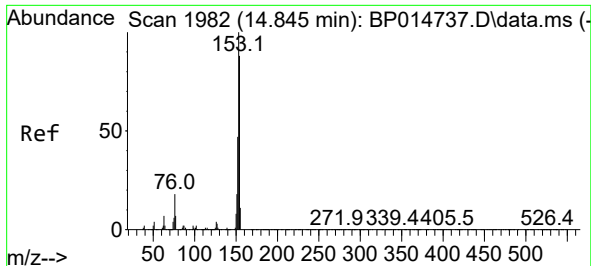
Ion Ratio Lower Upper

154 100

153 40.6 31.9 47.9

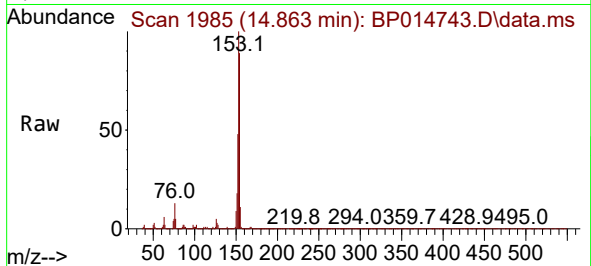
76 11.7 10.8 16.2





#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

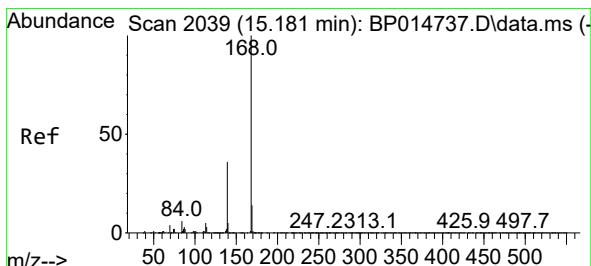
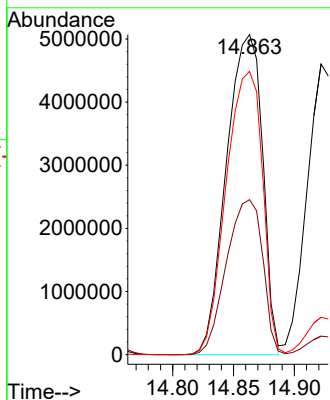
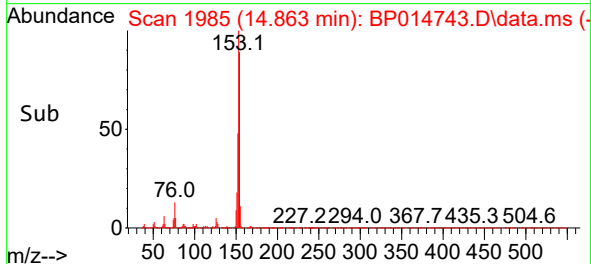
Instrument :
BNA_P
ClientSampleId :
DCBL0



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

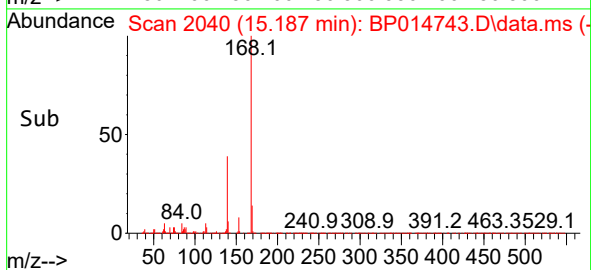
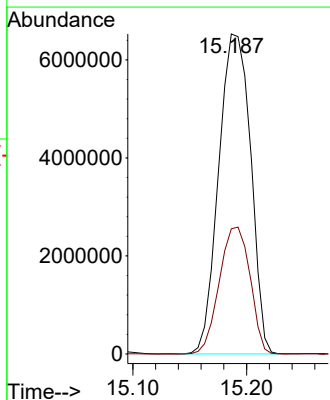
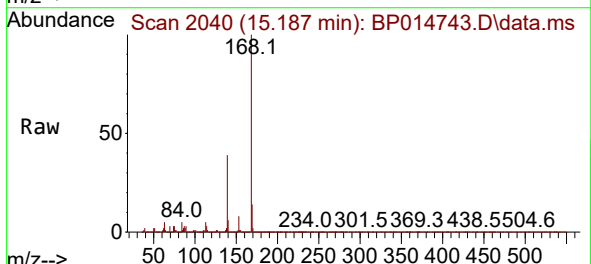
Manual Integrations
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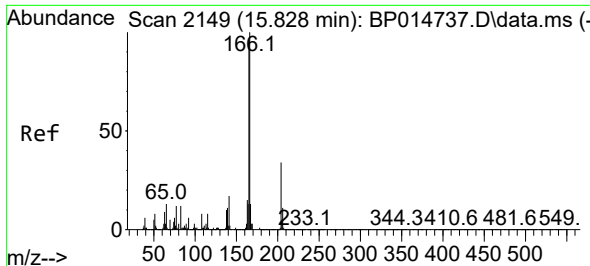
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#56
Dibenzofuran
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

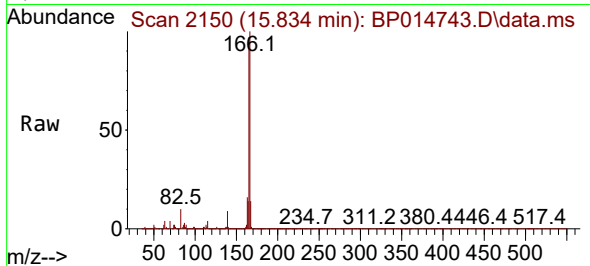
Tgt Ion:168 Resp:12777277
Ion Ratio Lower Upper
168 100
139 39.1 29.8 44.8





#61
Fluorene
Concen: 140.280 ng/ul
RT: 15.834 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BP014743.D
Acq: 19 Apr 2023 22:51

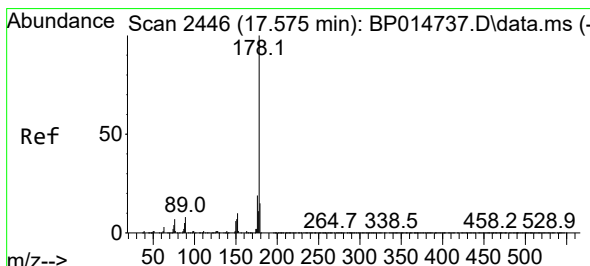
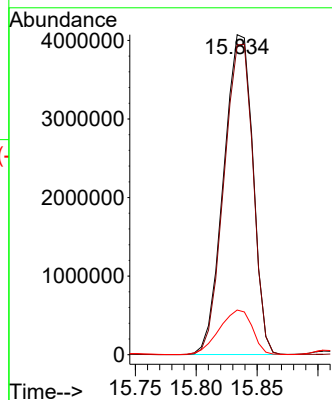
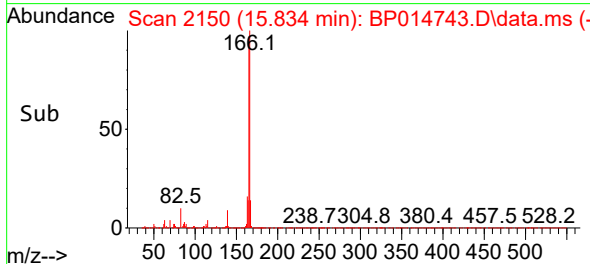
Instrument :
BNA_P
ClientSampleId :
DCBL0



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

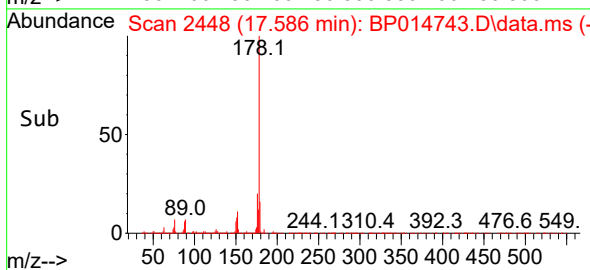
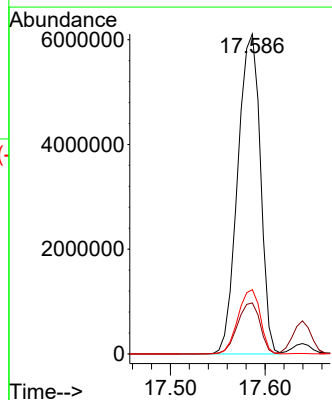
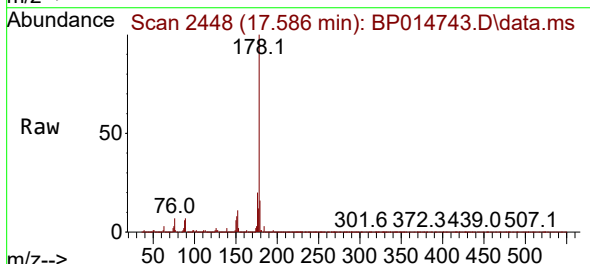
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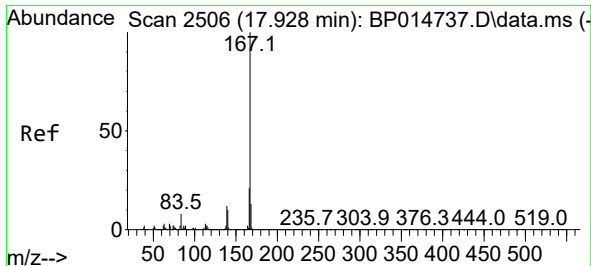
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#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

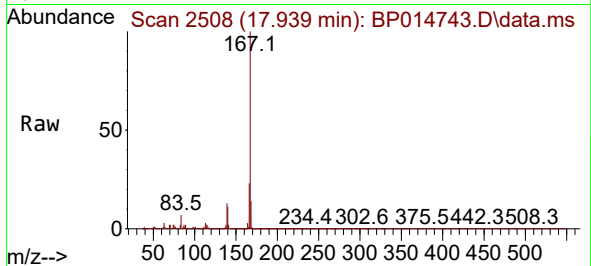
Tgt Ion:178 Resp:10126885
Ion Ratio Lower Upper
178 100
179 16.0 12.1 18.1
176 20.1 15.3 22.9





#77
Carbazole
Concen: 175.934 ng/ul
RT: 17.939 min Scan# 2506
Delta R.T. 0.012 min
Lab File: BP014743.D
Acq: 19 Apr 2023 22:51

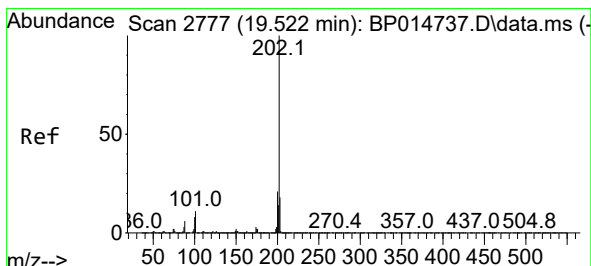
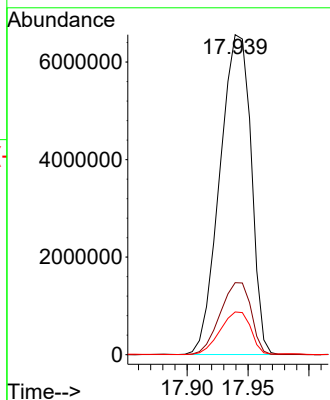
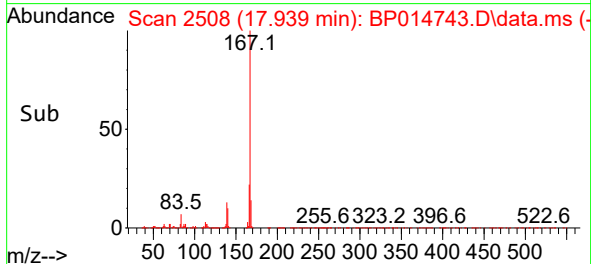
Instrument :
BNA_P
ClientSampleId :
DCBL0



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

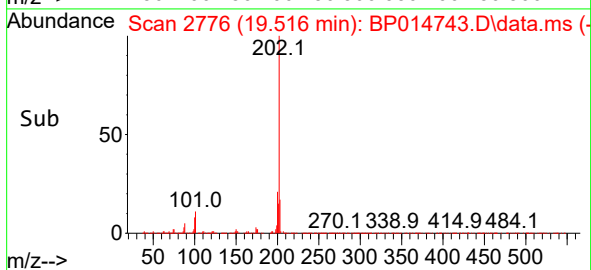
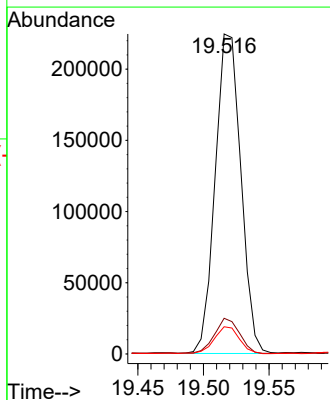
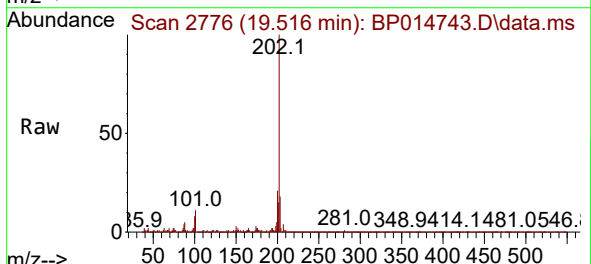
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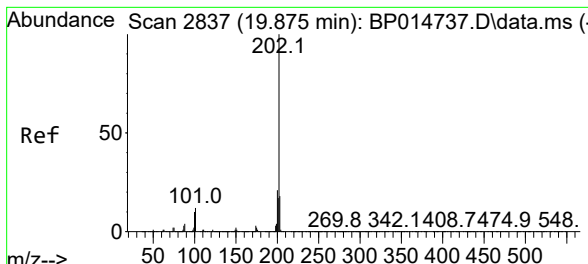
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#80
Fluoranthene
Concen: 3.538 ng/ul
RT: 19.516 min Scan# 2776
Delta R.T. -0.006 min
Lab File: BP014743.D
Acq: 19 Apr 2023 22:51

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

Instrument : BNA_P
 ClientSampleId : DCBL0

Tgt Ion:	202	Resp:	12550
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.4	14.0
100	11.0	8.0	12.0

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