

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
 Data File : BP014740.D
 Acq On : 19 Apr 2023 21:10
 Operator : CG/JU
 Sample : 02296-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBL2

Manual Integrations
 APPROVED

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

Quant Time: Apr 20 02:36:01 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	223689	20.000	ng/u1	0.00
20) Naphthalene-d8	10.993	136	929890	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.787	164	567943	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.534	188	1198393	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	1145744	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1288136	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	22072	3.922	ng/uL	0.00
4) Pyridine-d5	3.917	84	129512	8.452	ng/u1	0.00
7) Phenol-d5	7.287	99	107344	5.550	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	345955	28.995	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	326517	22.733	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	206350	13.686	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	197540	33.902	ng/u1	0.00
24) 2-Nitrophenol-d4	10.052	143	173127	32.897	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	369822	25.880	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	331292	15.190	ng/u1	0.00
46) Dimethylphthalate-d6	14.193	166	1342852	29.861	ng/u1	0.01
49) Acenaphthylene-d8	14.481	160	1559791	29.929	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	31971	4.470	ng/u1	0.00
60) Fluorene-d10	15.775	176	1179887	30.577	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	91577	18.883	ng/u1	0.00
73) Anthracene-d10	17.634	188	1865394	32.221	ng/u1	0.00
81) Pyrene-d10	19.845	212	2193370	33.418	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.010	264	2251528	33.724	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	11.046	128	28036842m	537.980	ng/u1	
36) 2-Methylnaphthalene	12.634	142	6378244	183.328	ng/u1	100
37) 1-Methylnaphthalene	12.857	142	9095104	263.691	ng/u1	100
43) 1,1'-Biphenyl	13.628	154	6048951	131.347	ng/u1	99
50) Acenaphthylene	14.504	152	287400	5.088	ng/u1#	83
52) Acenaphthene	14.869	153	11429767	296.789	ng/u1	98
56) Dibenzofuran	15.193	168	15122562	279.002	ng/u1	95
61) Fluorene	15.840	166	8169196	184.638	ng/u1	99
72) Phenanthrene	17.587	178	12671989	187.621	ng/u1	97
74) Anthracene	17.669	178	374815	5.474	ng/u1	99
77) Carbazole	17.928	167	3520377	58.565	ng/u1	100
80) Fluoranthene	19.522	202	1500252	19.647	ng/u1	99
82) Pyrene	19.875	202	786134	9.729	ng/u1	99

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

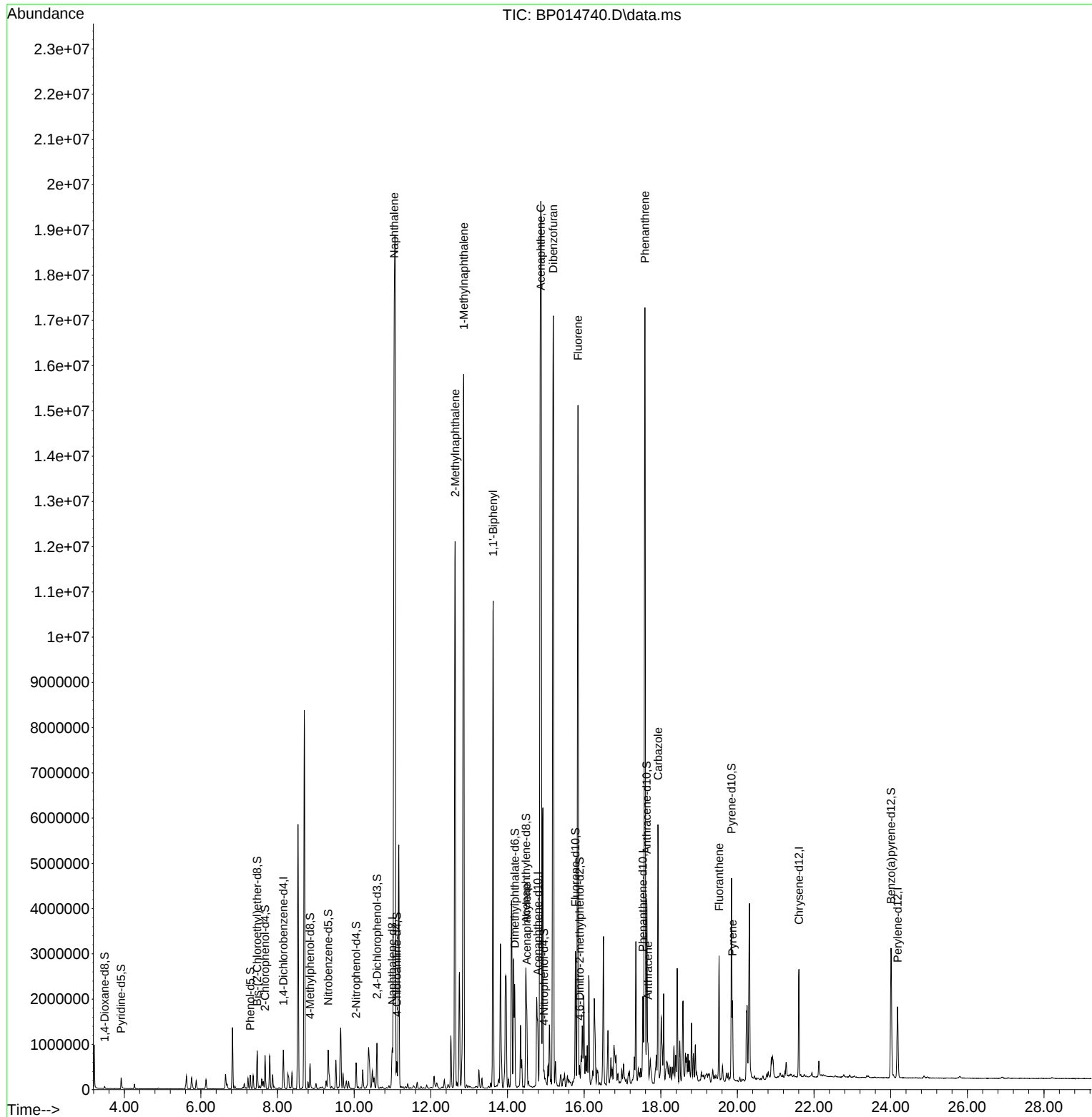
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Data File : BP014740.D
Acq On : 19 Apr 2023 21:10
Operator : CG/JU
Sample : 02296-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

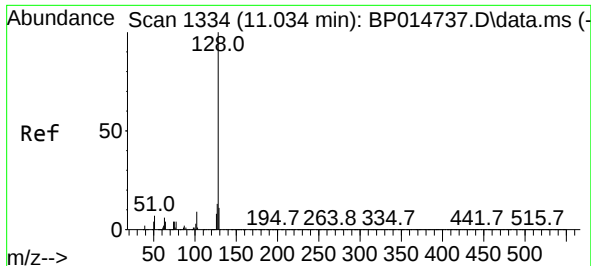
Instrument :
BNA_P
ClientSampleId :
DCBL2

Quant Time: Apr 20 02:36:01 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

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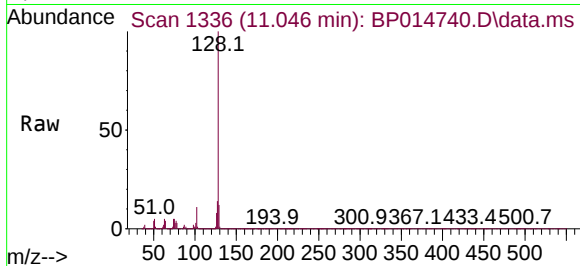
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023





#30
Naphthalene
Concen: 537.980 ng/ul m
RT: 11.046 min Scan# 1334
Delta R.T. 0.012 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

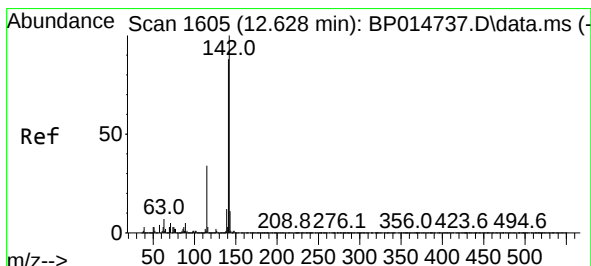
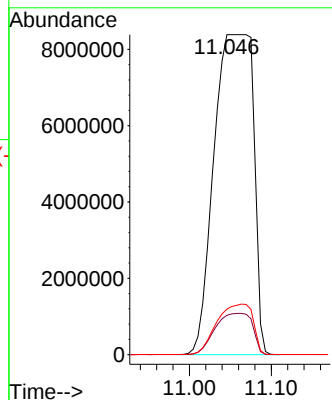
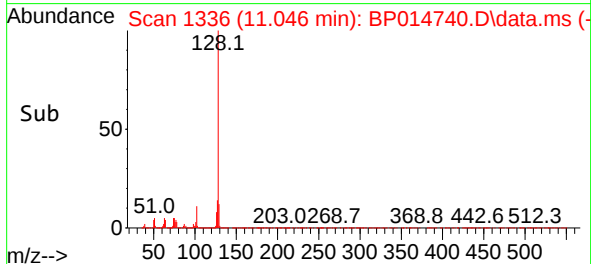
Instrument :
BNA_P
ClientSampleId :
DCBL2



Tgt Ion:128 Resp:2803684
Ion Ratio Lower Upper
128 100
129 12.3 8.9 13.3
127 14.2 10.4 15.6

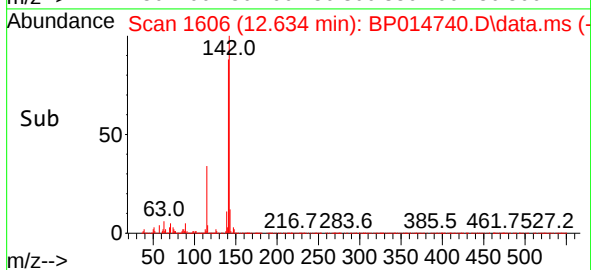
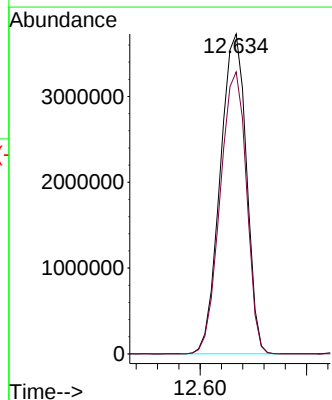
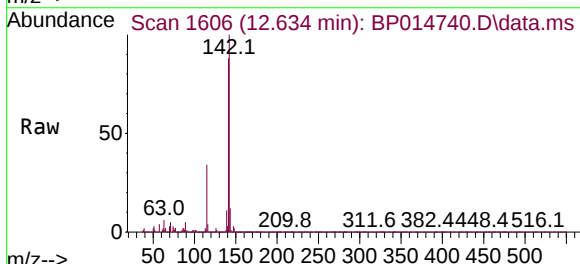
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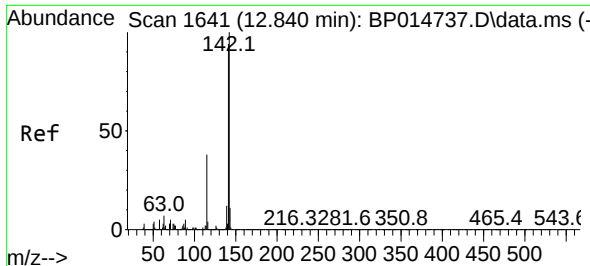
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#36
2-Methylnaphthalene
Concen: 183.328 ng/ul
RT: 12.634 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

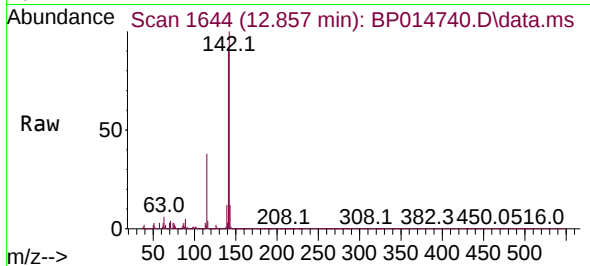
Tgt Ion:142 Resp: 6378244
Ion Ratio Lower Upper
142 100
141 88.1 70.9 106.3





#37
1-Methylnaphthalene
Concen: 263.691 ng/ul
RT: 12.857 min Scan# 1644
Delta R.T. 0.018 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

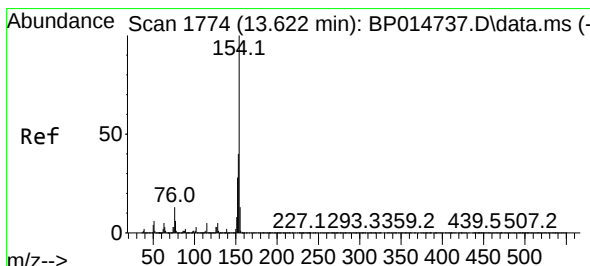
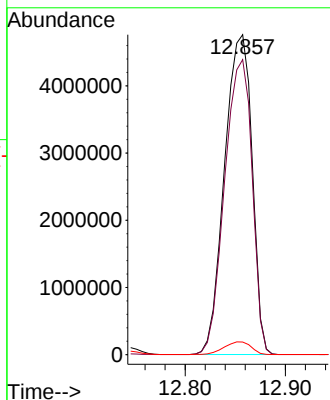
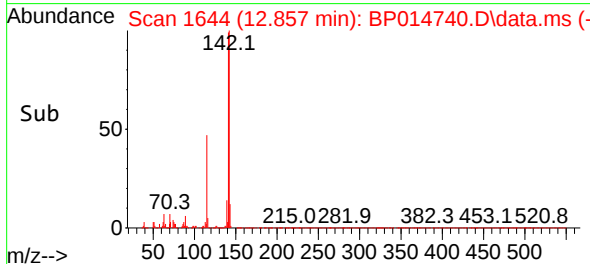
Instrument :
BNA_P
ClientSampleId :
DCBL2



Tgt Ion:142 Resp: 9095104
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6
116 3.9 3.3 4.9

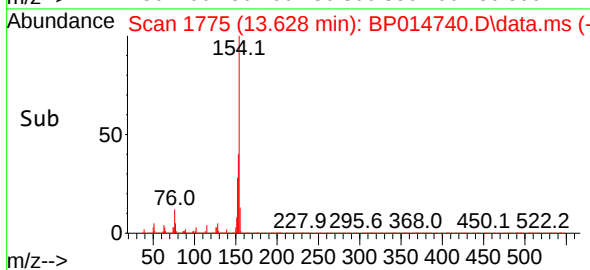
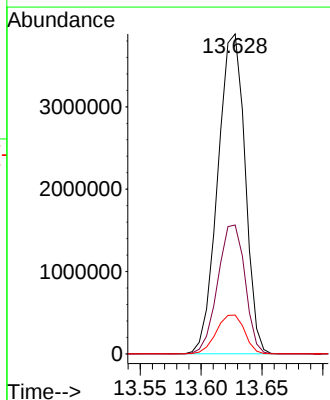
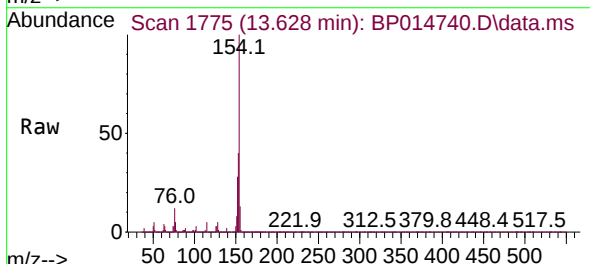
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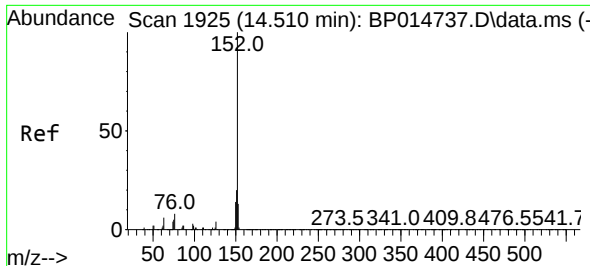
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#43
1,1'-Biphenyl
Concen: 131.347 ng/ul
RT: 13.628 min Scan# 1775
Delta R.T. 0.006 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

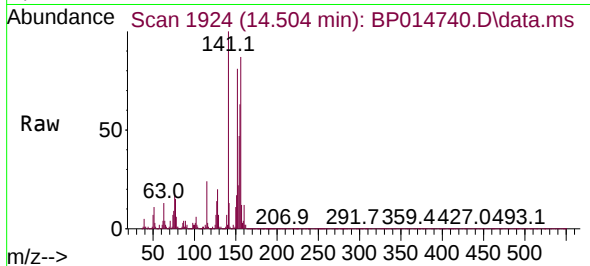
Tgt Ion:154 Resp: 6048951
Ion Ratio Lower Upper
154 100
153 40.3 31.9 47.9
76 12.1 10.8 16.2





#50
Acenaphthylene
Concen: 5.088 ng/ul
RT: 14.504 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

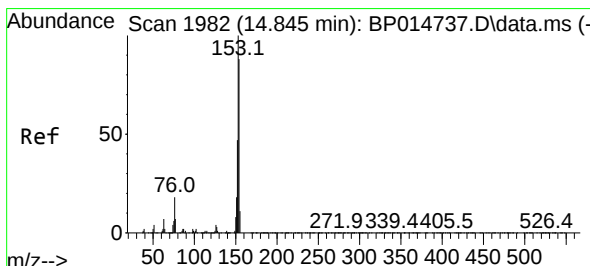
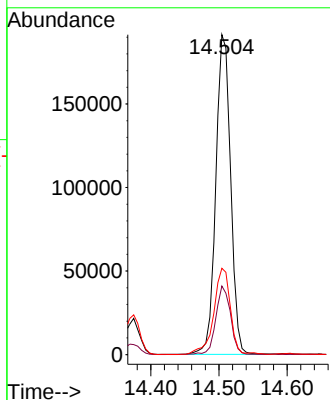
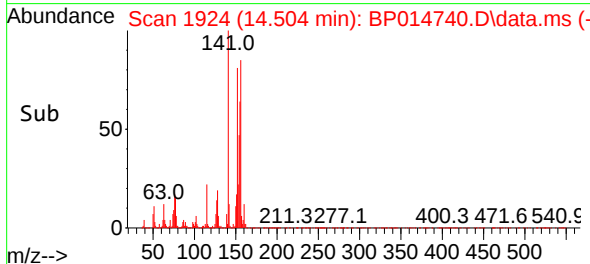
Instrument :
BNA_P
ClientSampleId :
DCBL2



Tgt Ion:152 Resp: 287400
Ion Ratio Lower Upper
152 100
151 21.4 15.7 23.5
153 27.0 10.0 15.0

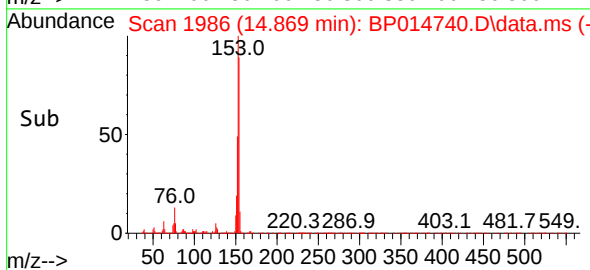
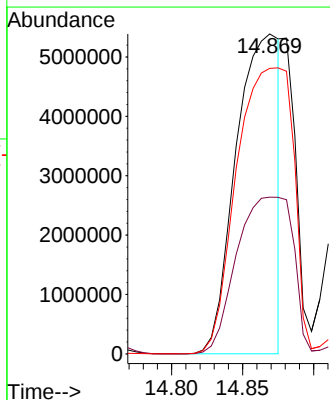
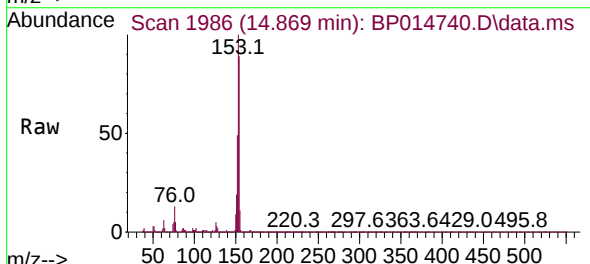
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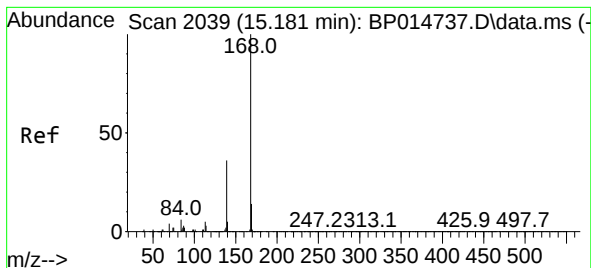
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#52
Acenaphthene
Concen: 296.789 ng/ul
RT: 14.869 min Scan# 1986
Delta R.T. 0.024 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

Tgt Ion:153 Resp:11429767
Ion Ratio Lower Upper
153 100
152 49.0 38.4 57.6
154 89.2 69.8 104.8





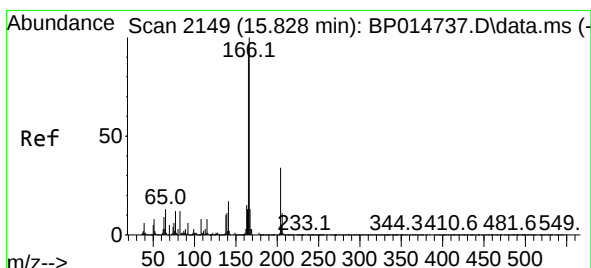
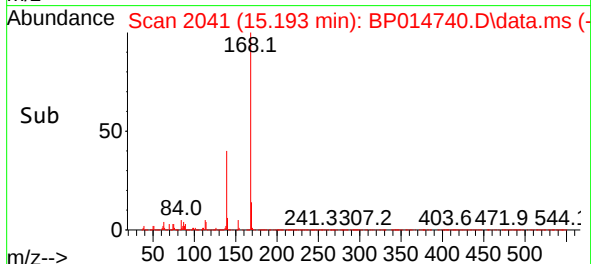
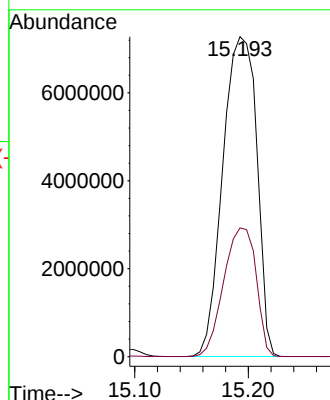
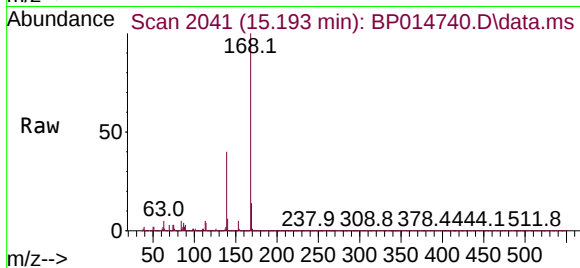
#56
Dibenzenofuran
Concen: 279.002 ng/ul
RT: 15.193 min Scan# 2039
Delta R.T. 0.012 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

Instrument :
BNA_P
ClientSampleId :
DCBL2

Tgt Ion:168 Resp:15122562
Ion Ratio Lower Upper
168 100
139 40.2 29.8 44.8

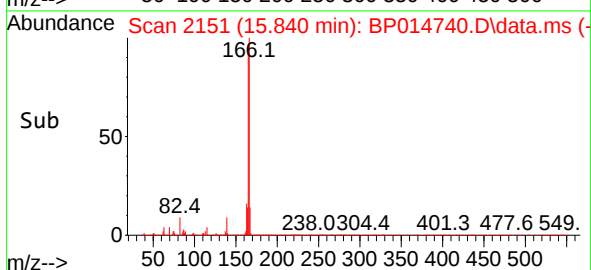
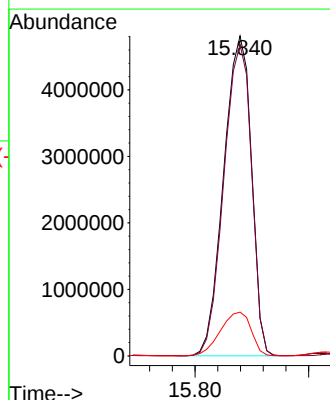
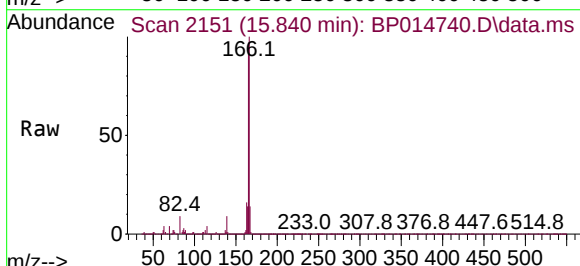
Manual Integrations
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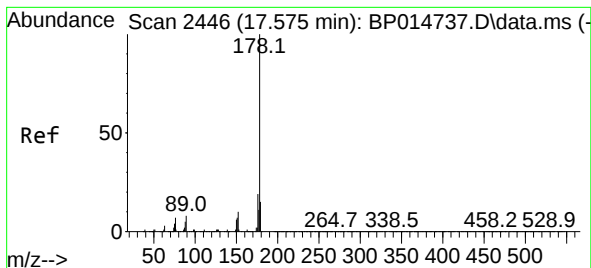
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#61
Fluorene
Concen: 184.638 ng/ul
RT: 15.840 min Scan# 2151
Delta R.T. 0.012 min
Lab File: BP014740.D
Acq: 19 Apr 2023 21:10

Tgt Ion:166 Resp: 8169196
Ion Ratio Lower Upper
166 100
165 97.3 78.6 117.8
167 13.7 10.5 15.7





#72

Phenanthrene

Concen: 187.621 ng/ul

RT: 17.587 min Scan# 2446

Delta R.T. 0.012 min

Lab File: BP014740.D

Acq: 19 Apr 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCBL2

Tgt Ion:178 Resp:12671989

Ion Ratio Lower Upper

178 100

179 16.3 12.1 18.1

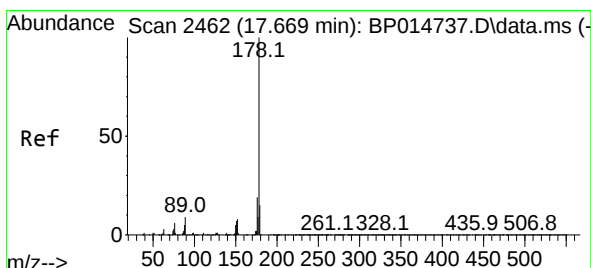
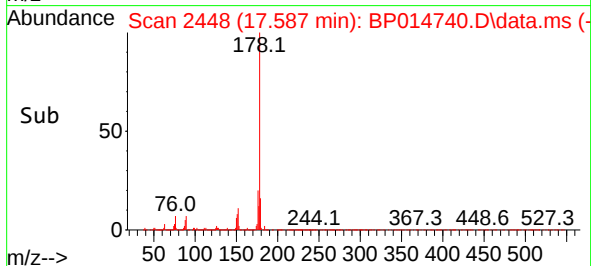
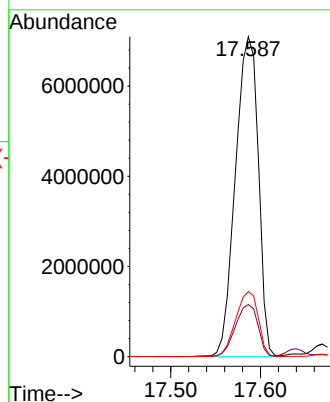
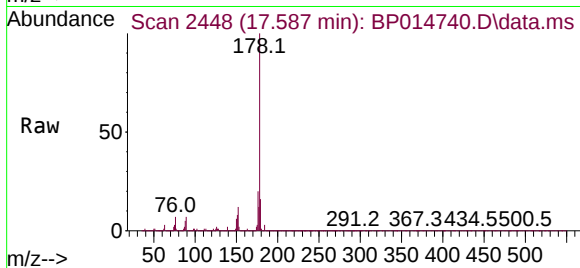
176 20.4 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/20/2023

Supervised By :Jagrut Upadhyay 04/20/2023



#74

Anthracene

Concen: 5.474 ng/ul

RT: 17.669 min Scan# 2462

Delta R.T. 0.000 min

Lab File: BP014740.D

Acq: 19 Apr 2023 21:10

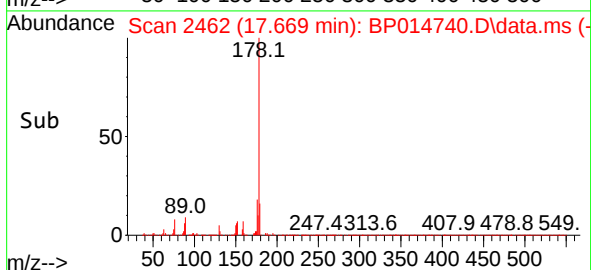
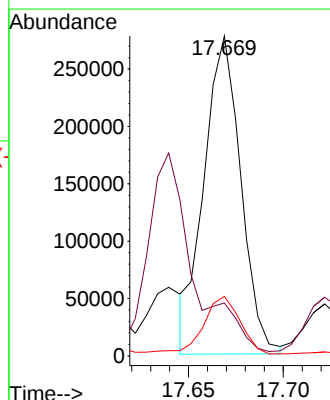
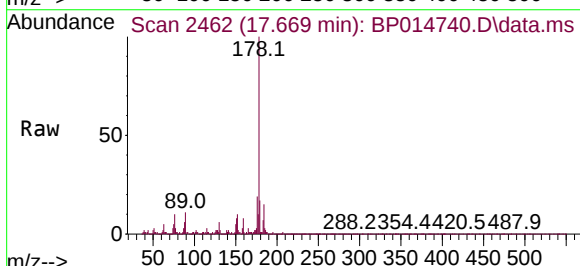
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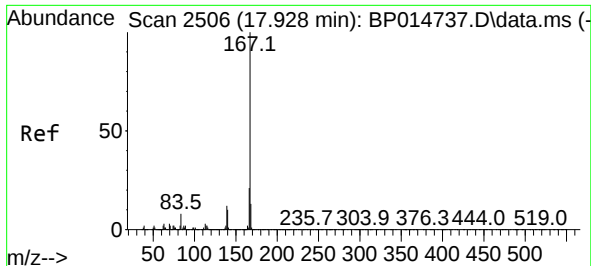
Ion Ratio Lower Upper

178 100

179 16.5 12.4 18.6

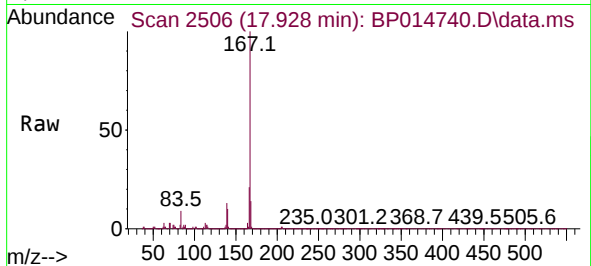
176 18.6 15.1 22.7





#77
 Carbazole
 Concen: 58.565 ng/ul
 RT: 17.928 min Scan# 2506
 Delta R.T. 0.000 min
 Lab File: BP014740.D
 Acq: 19 Apr 2023 21:10

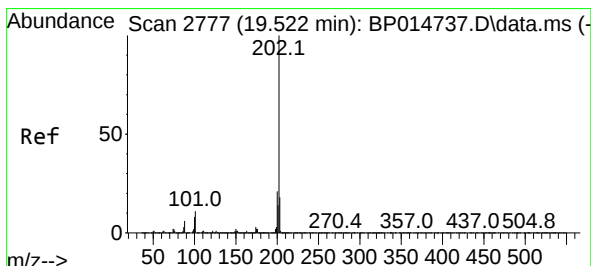
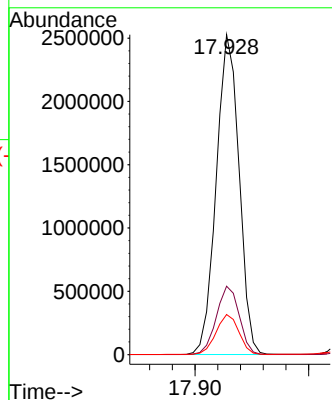
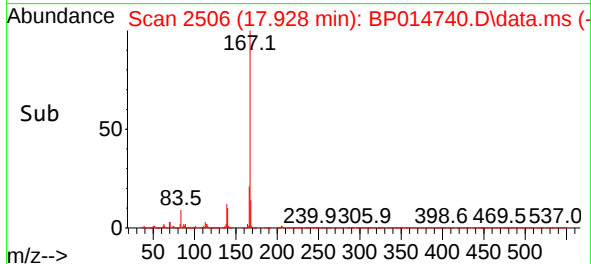
Instrument :
 BNA_P
 ClientSampleId :
 DCBL2



Tgt Ion:167 Resp: 352037
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 12.5 10.2 15.2

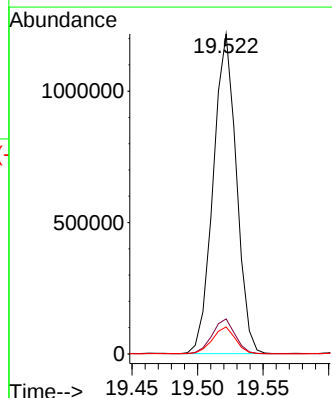
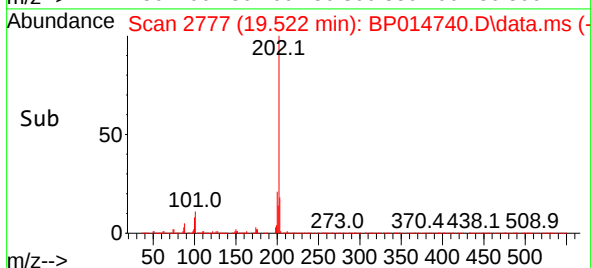
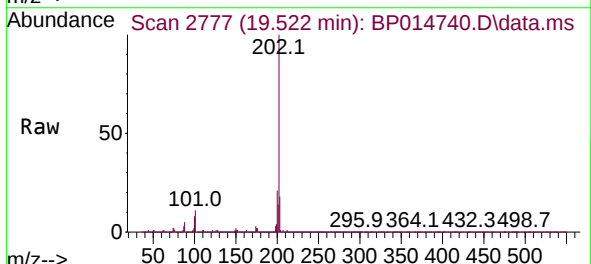
Manual Integrations
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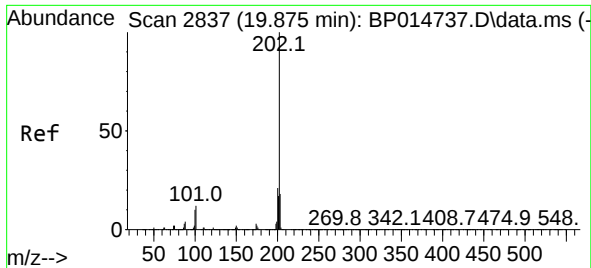
Reviewed By :Christian Giraldo 04/20/2023
 Supervised By :Jagrut Upadhyay 04/20/2023



#80
 Fluoranthene
 Concen: 19.647 ng/ul
 RT: 19.522 min Scan# 2777
 Delta R.T. 0.000 min
 Lab File: BP014740.D
 Acq: 19 Apr 2023 21:10

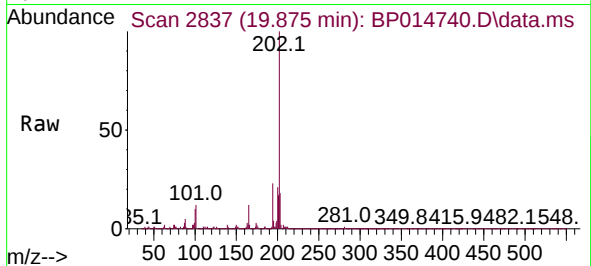
Tgt Ion:202 Resp: 1500252
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.4 12.6
 100 8.4 6.4 9.6





#82
 Pyrene
 Concen: 9.729 ng/ul
 RT: 19.875 min Scan# 2837
 Delta R.T. 0.000 min
 Lab File: BP014740.D
 Acq: 19 Apr 2023 21:10

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion: 202 Resp: 786134
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.4 14.0
 100 9.6 8.0 12.0

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

