

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
 Data File : BP017312.D
 Acq On : 25 Sep 2023 10:03
 Operator : MA/JU
 Sample : 04429-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBBM3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 26 00:59:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 23:51:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	170015	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.751	136	704086	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.592	164	417695	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	964367	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	932800	20.000	ng/u1	0.00
88) Perylene-d12	23.986	264	1063685	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	12706	3.070	ng/uL	0.00
4) Pyridine-d5	3.740	84	118288	10.222	ng/u1	0.00
7) Phenol-d5	7.087	99	34287	2.456	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.269	67	47213	5.603	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.452	132	39218	3.541	ng/u1	-0.01
15) 4-Methylphenol-d8	8.646	113	39460	3.635	ng/u1	-0.01
21) Nitrobenzene-d5	9.128	128	21812	4.285	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.840	143	14806	2.679	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.369	165	36441	3.490	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.916	131	224664	14.853	ng/u1	-0.01
46) Dimethylphthalate-d6	14.004	166	141104	4.716	ng/u1	-0.01
49) Acenaphthylene-d8	14.287	160	132077	3.838	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.839	143	8933	1.714	ng/u1	0.01
60) Fluorene-d10	15.586	176	120513	4.678	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.716	200	6538	1.203	ng/u1	-0.01
73) Anthracene-d10	17.463	188	197904	4.627	ng/u1	0.00
81) Pyrene-d10	19.704	212	246247	4.882	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.815	264	229344	4.478	ng/u1	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.334	88	9370	2.210	ng/uL	92
8) Phenol	7.116	94	461848	32.885	ng/u1	97
13) 2-Methylphenol	8.375	108	60785	5.849	ng/u1	96
18) 4-Methylphenol	8.705	108	202734	18.207	ng/u1	96
26) 2,4-Dimethylphenol	9.916	107	236352m	19.807	ng/u1	
30) Naphthalene	10.804	128	430541	11.744	ng/u1	98
36) 2-Methylnaphthalene	12.410	142	132457	5.536	ng/u1	98
37) 1-Methylnaphthalene	12.628	142	78450	3.207	ng/u1	95
43) 1,1'-Biphenyl	13.422	154	39793	1.256	ng/u1	99
59) Diethylphthalate	15.404	149	94624	3.247	ng/u1	98
71) Pentachlorophenol	16.992	266	7231	1.041	ng/u1	94

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

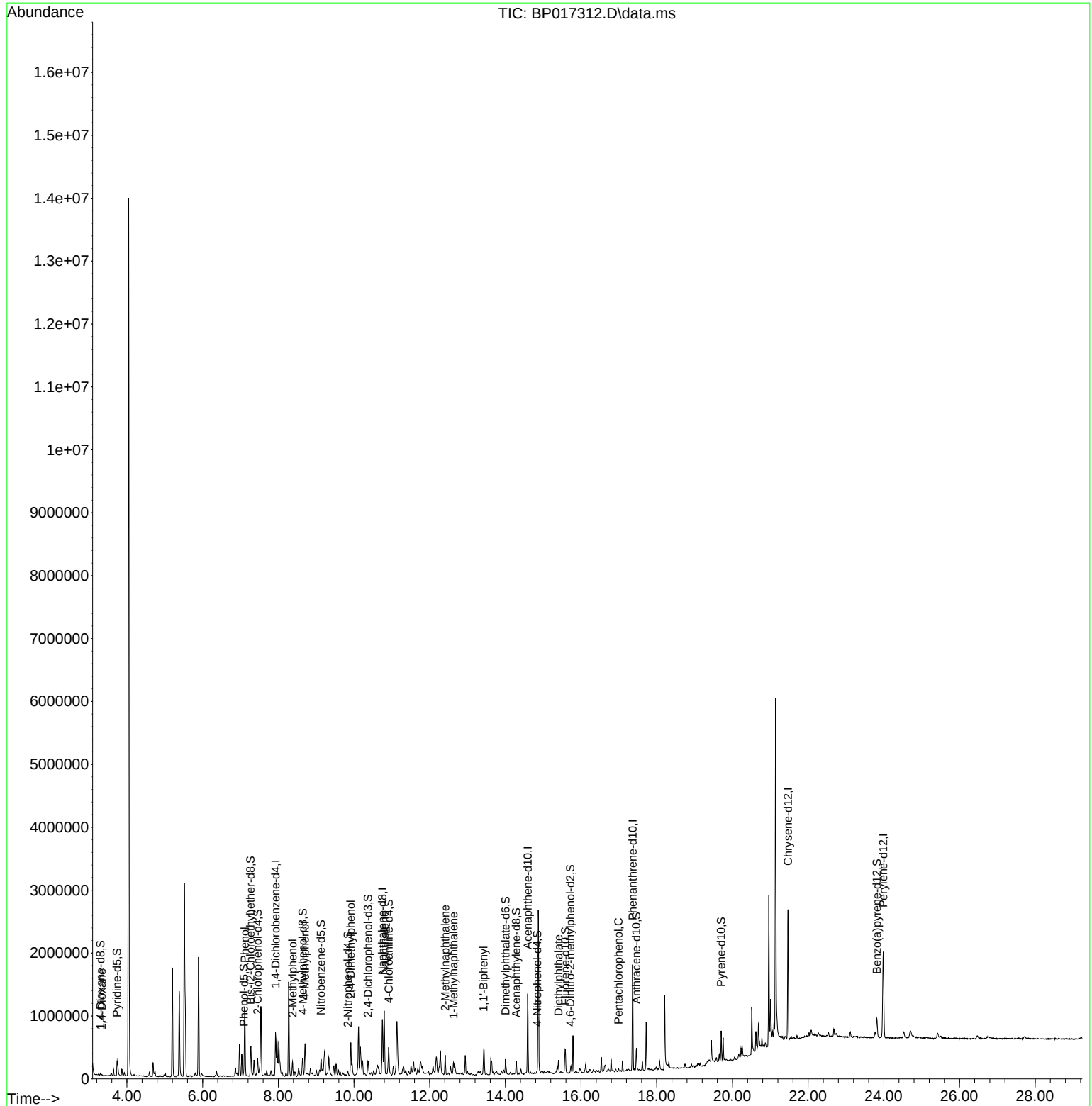
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017312.D
Acq On : 25 Sep 2023 10:03
Operator : MA/JU
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ALS Vial : 4 Sample Multiplier: 1

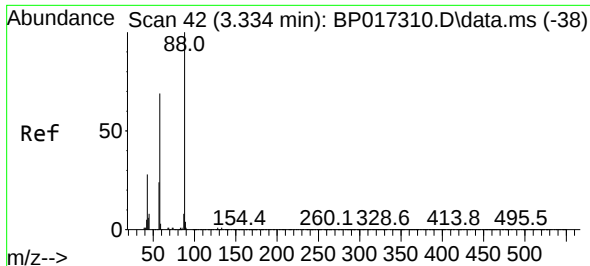
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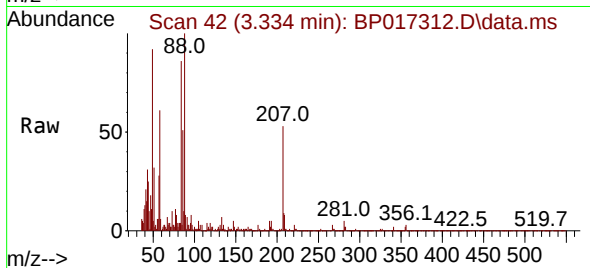
Quant Time: Sep 26 00:59:50 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 23:51:07 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.210 ng/uL
RT: 3.334 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP017312.D
Acq: 25 Sep 2023 10:03

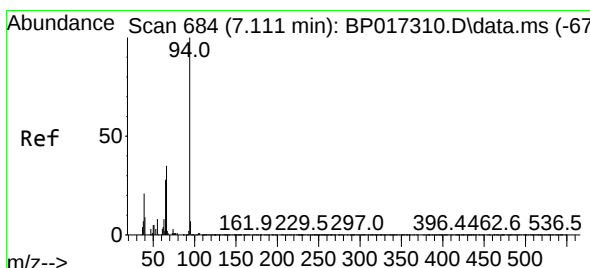
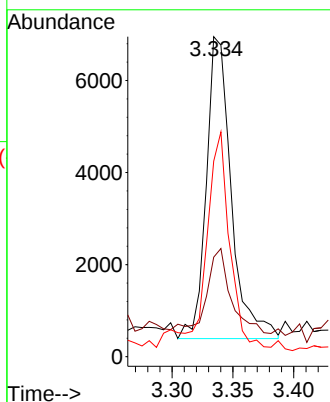
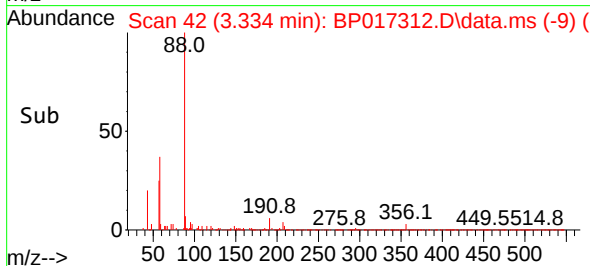
Instrument :
BNA_P
ClientSampleId :
BBBM3



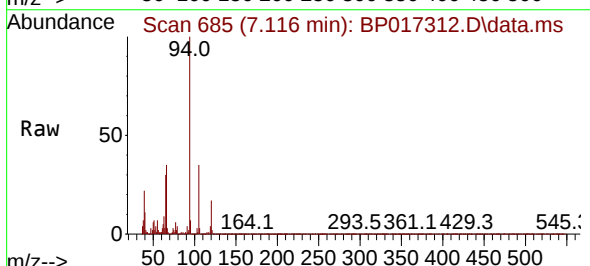
Tgt Ion: 88 Resp: 9370
Ion Ratio Lower Upper
88 100
43 31.1 25.0 37.4
58 61.1 56.6 84.8

Manual Integrations
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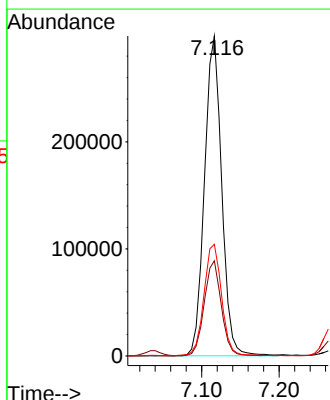
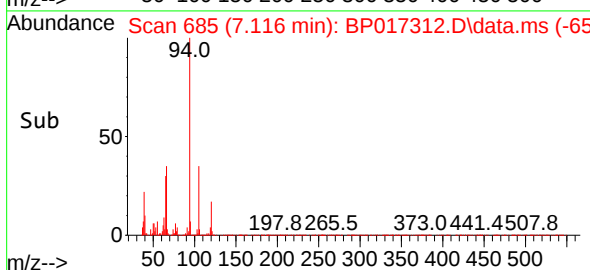
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/29/2023

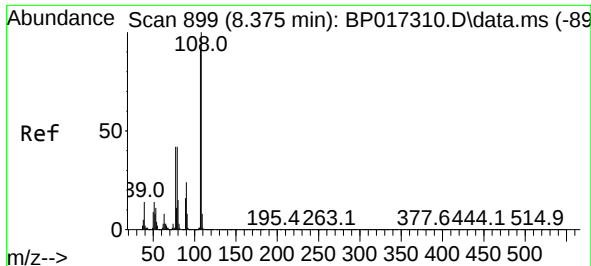


#8
Phenol
Concen: 32.885 ng/uL
RT: 7.116 min Scan# 685
Delta R.T. -0.012 min
Lab File: BP017312.D
Acq: 25 Sep 2023 10:03



Tgt Ion: 94 Resp: 461848
Ion Ratio Lower Upper
94 100
65 29.7 21.4 32.2
66 34.9 28.2 42.2





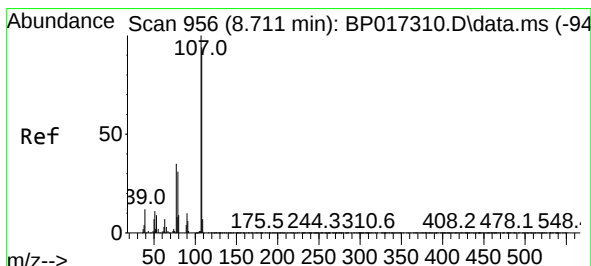
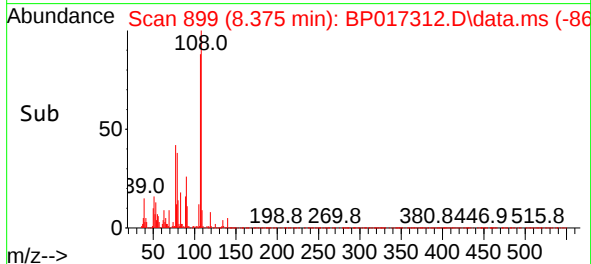
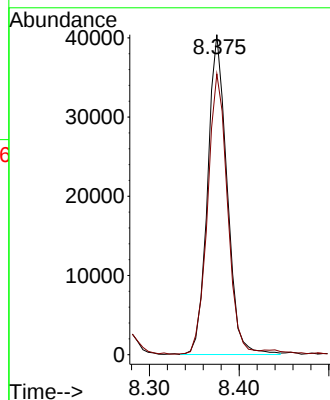
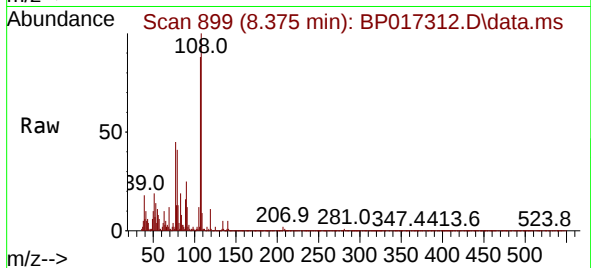
#13
2-Methylphenol
Concen: 5.849 ng/ul
RT: 8.375 min Scan# 899
Delta R.T. -0.012 min
Lab File: BP017312.D
Acq: 25 Sep 2023 10:03

Instrument :
BNA_P
ClientSampleId :
BBBM3

Tgt Ion:108 Resp: 60785
Ion Ratio Lower Upper
108 100
107 87.7 73.5 110.3

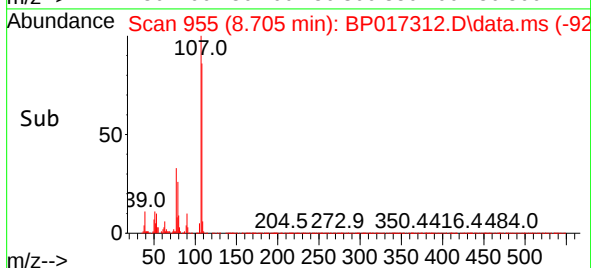
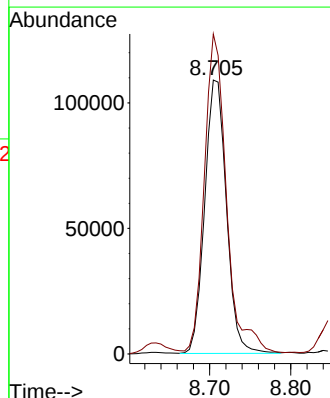
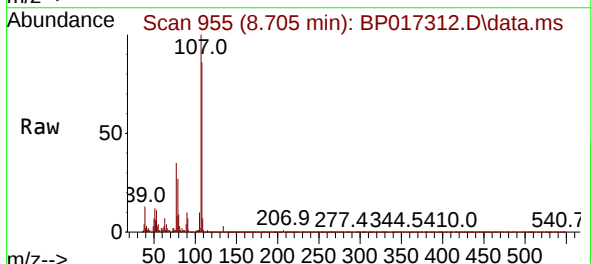
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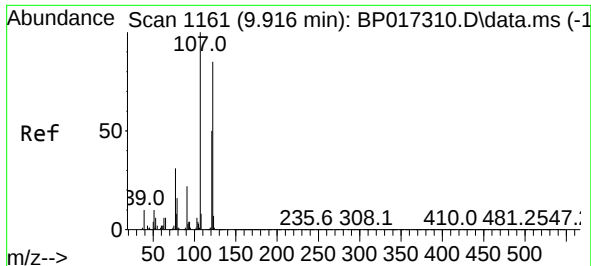
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/29/2023



#18
4-Methylphenol
Concen: 18.207 ng/ul
RT: 8.705 min Scan# 955
Delta R.T. -0.018 min
Lab File: BP017312.D
Acq: 25 Sep 2023 10:03

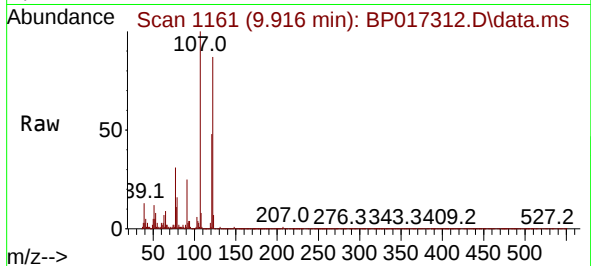
Tgt Ion:108 Resp: 202734
Ion Ratio Lower Upper
108 100
107 116.8 90.0 135.0





#26
2,4-Dimethylphenol
Concen: 19.807 ng/ul m
RT: 9.916 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BP017312.D
Acq: 25 Sep 2023 10:03

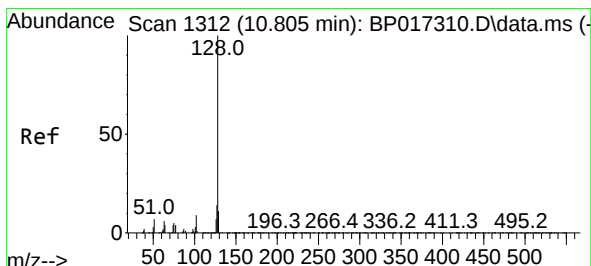
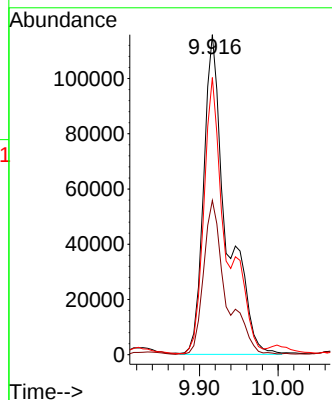
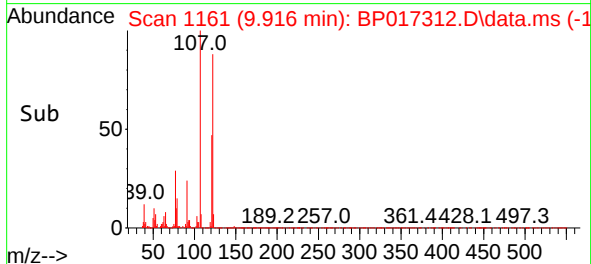
Instrument :
BNA_P
ClientSampleId :
BBBM3



Tgt Ion:107 Resp: 236352
Ion Ratio Lower Upper
107 100
121 48.2 41.1 61.7
122 86.6 69.4 104.0

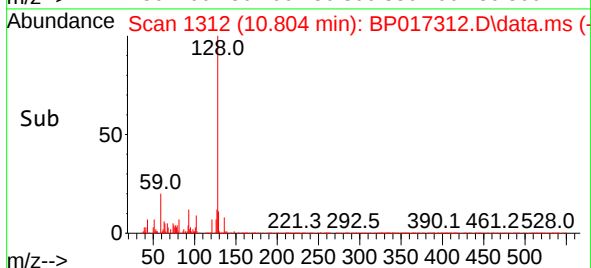
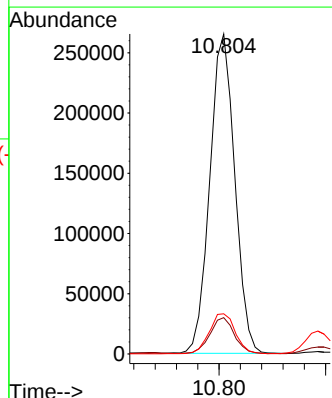
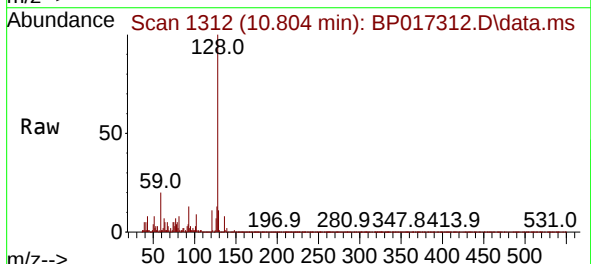
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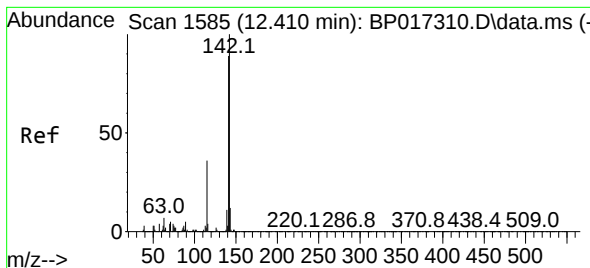
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/29/2023



#30
Naphthalene
Concen: 11.744 ng/ul
RT: 10.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BP017312.D
Acq: 25 Sep 2023 10:03

Tgt Ion:128 Resp: 430541
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 12.6 10.6 15.8





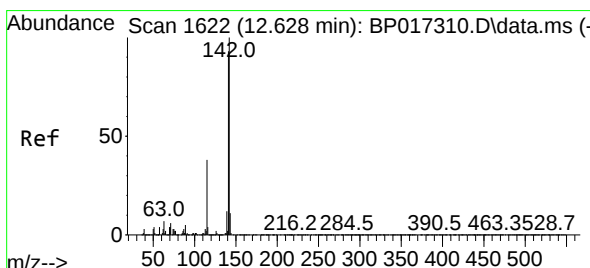
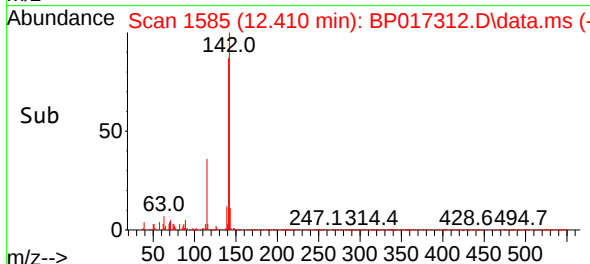
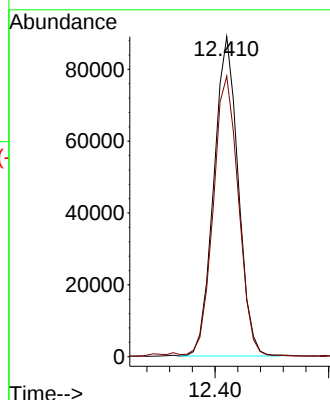
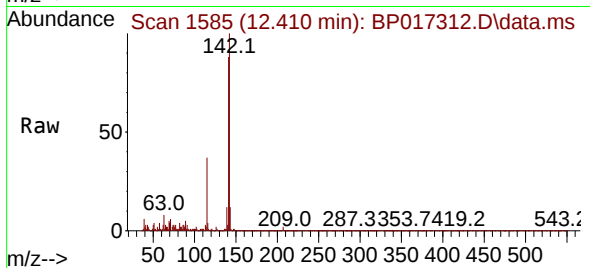
#36
2-Methylnaphthalene
Concen: 5.536 ng/ul
RT: 12.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BP017312.D
Acq: 25 Sep 2023 10:03

Instrument :
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ClientSampleId :
BBBM3

Tgt Ion:142 Resp: 13245
Ion Ratio Lower Upper
142 100
141 87.7 71.9 107.9

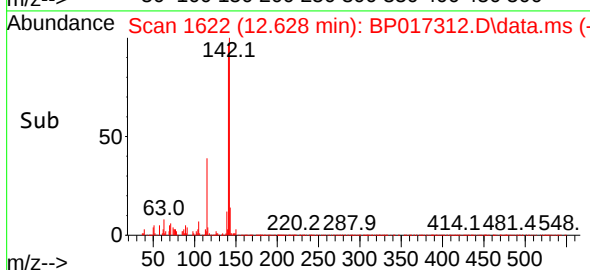
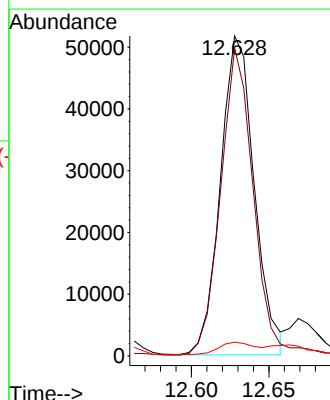
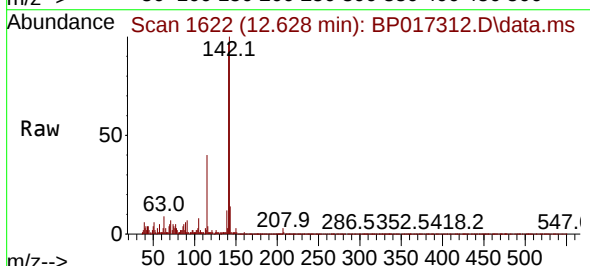
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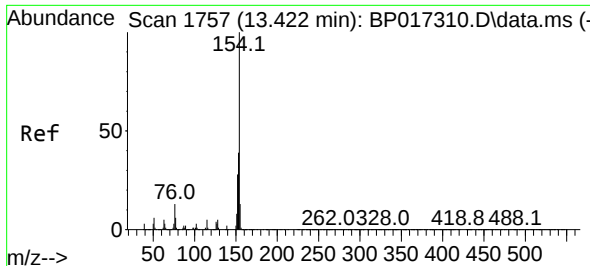
Reviewed By :Yogesh Patel 09/26/2023
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#37
1-Methylnaphthalene
Concen: 3.207 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. -0.012 min
Lab File: BP017312.D
Acq: 25 Sep 2023 10:03

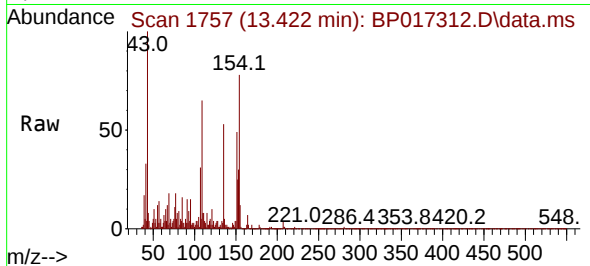
Tgt Ion:142 Resp: 78450
Ion Ratio Lower Upper
142 100
141 96.4 73.4 110.2
116 4.3 3.1 4.7





#43
1,1'-Biphenyl
Concen: 1.256 ng/ul
RT: 13.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP017312.D
Acq: 25 Sep 2023 10:03

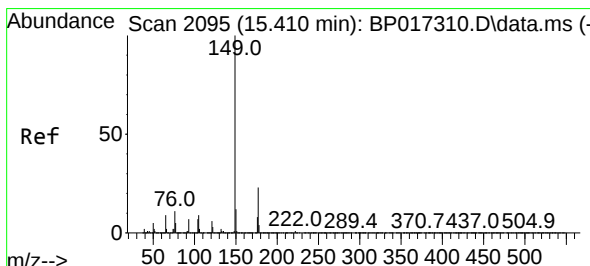
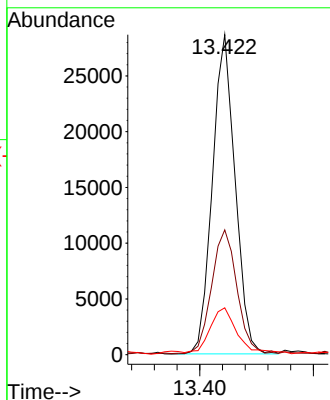
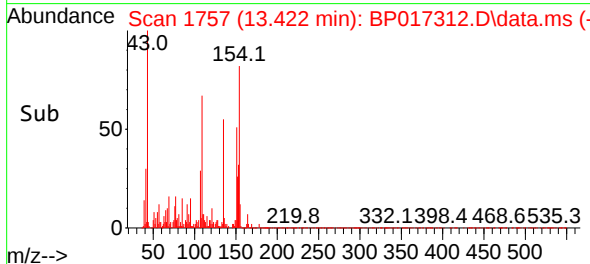
Instrument :
BNA_P
ClientSampleId :
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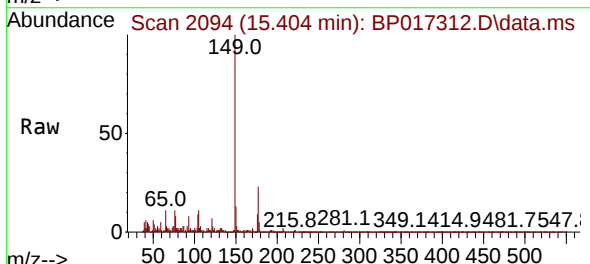
Tgt Ion:154 Resp: 3979
Ion Ratio Lower Upper
154 100
153 39.0 31.5 47.3
76 14.7 11.0 16.6

Manual Integrations
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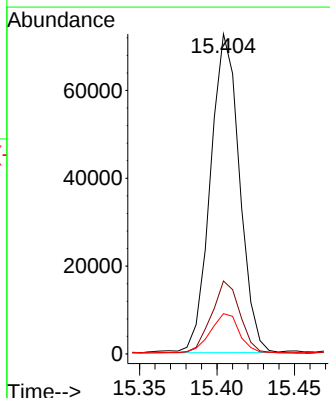
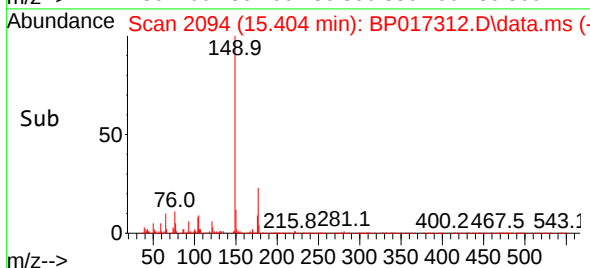
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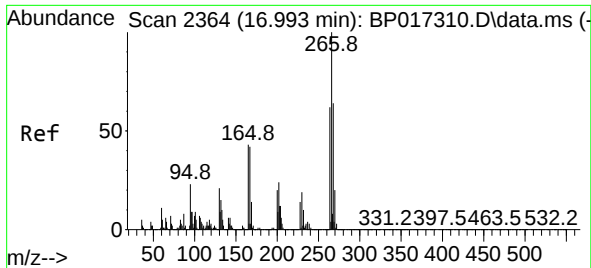


#59
Diethylphthalate
Concen: 3.247 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BP017312.D
Acq: 25 Sep 2023 10:03



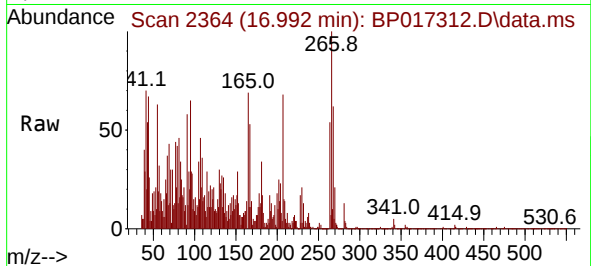
Tgt Ion:149 Resp: 94624
Ion Ratio Lower Upper
149 100
177 22.8 17.0 25.6
150 12.6 9.8 14.6





#71
 Pentachlorophenol
 Concen: 1.041 ng/ul
 RT: 16.992 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP017312.D
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Tgt Ion	Ratio	Lower	Upper
266	100		
264	54.3	48.9	73.3
268	66.9	51.6	77.4

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