

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010476.D
 Acq On : 23 May 2022 14:40
 Operator : CG/JU
 Sample : N2918-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTH1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/24/2022
 Supervised By :Yogesh Patel 05/26/2022

Quant Time: May 23 23:19:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	177264	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.699	136	777055	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.522	164	514745	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.275	188	1110475	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.357	240	1026487	20.000	ng/ul	# 0.00
88) Perylene-d12	23.780	264	807130	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	17373m	4.177	ng/uL	0.00
4) Pyridine-d5	3.764	84	113780	9.636	ng/ul	0.00
7) Phenol-d5	7.058	99	99251	6.671	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.217	67	335165	33.529	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.422	132	295198	25.929	ng/ul	-0.01
15) 4-Methylphenol-d8	8.599	113	204852	16.201	ng/ul	-0.01
21) Nitrobenzene-d5	9.052	128	213458	35.494	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	224431	35.214	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	362157	30.052	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	422918	23.603	ng/ul	-0.01
46) Dimethylphthalate-d6	13.934	166	1390008	36.652	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	1551685	35.471	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	39614	5.868	ng/ul	0.00
60) Fluorene-d10	15.516	176	1193535	36.174	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	251636	38.746	ng/ul	0.00
73) Anthracene-d10	17.375	188	1949445	38.769	ng/ul	0.00
81) Pyrene-d10	19.604	212	2304188	42.268	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.622	264	1594415	39.340	ng/ul	-0.01
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	9.899	107	56043m	3.691	ng/ul	
30) Naphthalene	10.752	128	26465909m	652.081	ng/ul	
36) 2-Methylnaphthalene	12.352	142	2204551	76.726	ng/ul	89
37) 1-Methylnaphthalene	12.569	142	1203906	41.498	ng/ul#	96
42) 2,4,5-Trichlorophenol	13.034	196	30418	2.782	ng/ul#	79
43) 1,1'-Biphenyl	13.357	154	609418	16.130	ng/ul#	93
50) Acenaphthylene	14.246	152	168167	3.554	ng/ul	96
52) Acenaphthene	14.587	153	1531396	49.605	ng/ul	97
56) Dibenzofuran	14.922	168	1886975	41.708	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.151	232	66475	7.071	ng/ul#	81
61) Fluorene	15.569	166	1020766	27.589	ng/ul	92
71) Pentachlorophenol	16.928	266	192013m	23.263	ng/ul	
72) Phenanthrene	17.316	178	1190397	20.086	ng/ul	98
74) Anthracene	17.410	178	106756m	1.796	ng/ul	
77) Carbazole	17.687	167	4911764	94.006	ng/ul#	96

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

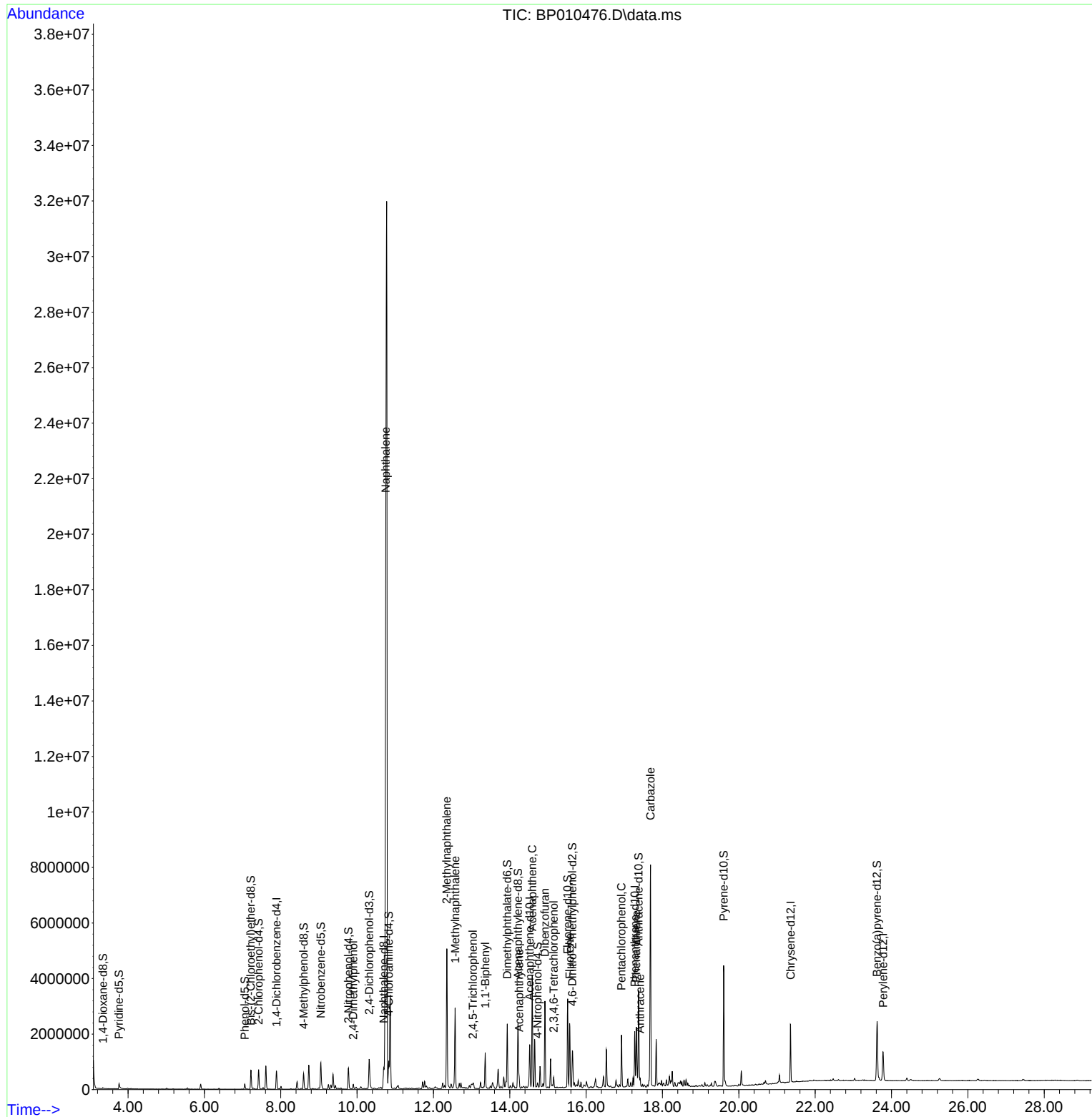
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
Data File : BP010476.D
Acq On : 23 May 2022 14:40
Operator : CG/JU
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ALS Vial : 6 Sample Multiplier: 1

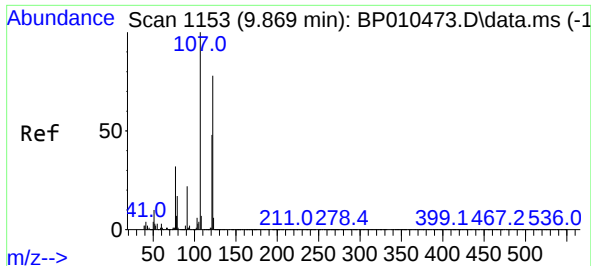
Instrument :
BNA_P
ClientSampleId :
DBTH1

Quant Time: May 23 23:19:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION
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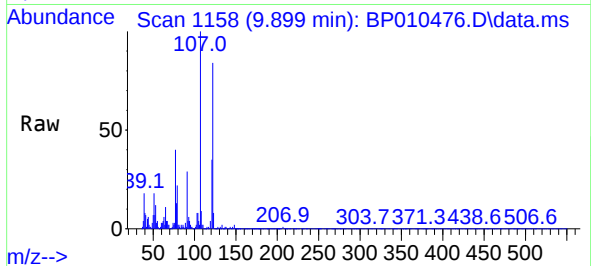
Reviewed By :Jagrut Upadhyay 05/24/2022
Supervised By :Yogesh Patel 05/26/2022





#26
2,4-Dimethylphenol
Concen: 3.691 ng/ul m
RT: 9.899 min Scan# 1153
Delta R.T. 0.024 min
Lab File: BP010476.D
Acq: 23 May 2022 14:40

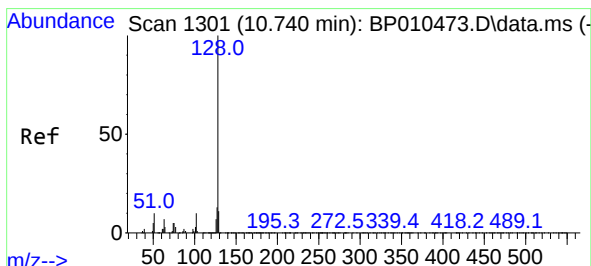
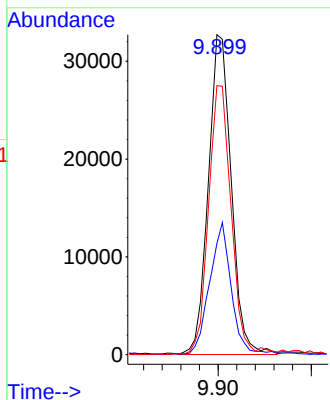
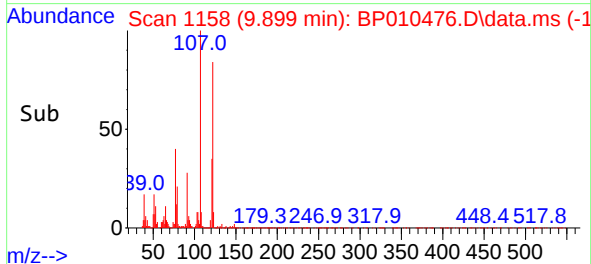
Instrument :
BNA_P
ClientSampleId :
DBTH1



Tgt Ion:107 Resp: 5604
Ion Ratio Lower Upper
107 100
121 34.8 34.1 51.1
122 84.0 46.3 69.5

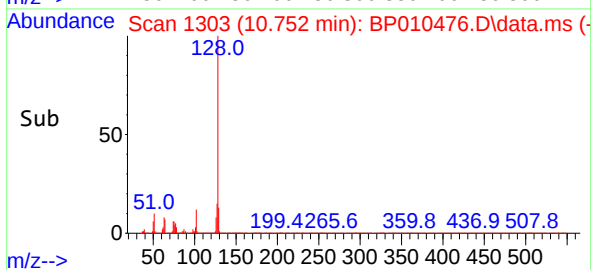
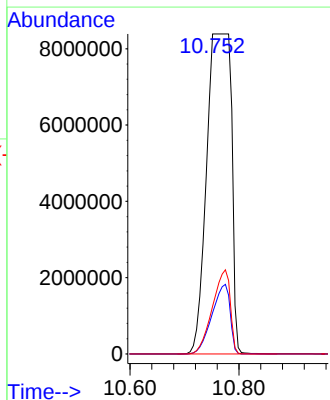
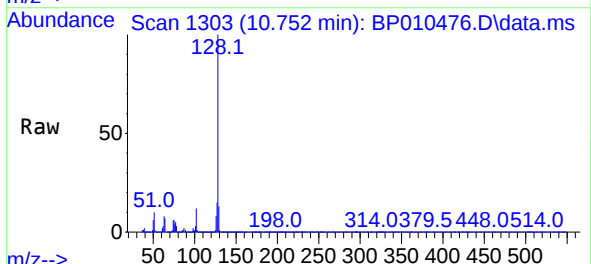
Manual Integrations
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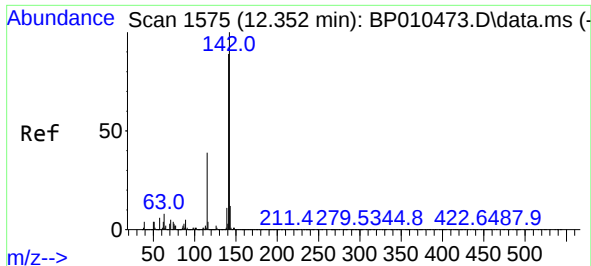
Reviewed By :Jagrut Upadhyay 05/24/2022
Supervised By :Yogesh Patel 05/26/2022



#30
Naphthalene
Concen: 652.081 ng/ul m
RT: 10.752 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BP010476.D
Acq: 23 May 2022 14:40

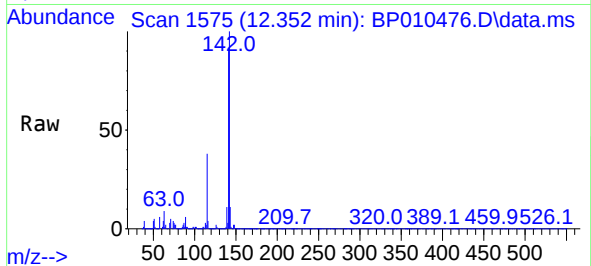
Tgt Ion:128 Resp:26465909
Ion Ratio Lower Upper
128 100
129 12.9 8.6 13.0
127 14.9 12.2 18.4





#36
2-Methylnaphthalene
Concen: 76.726 ng/ul
RT: 12.352 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BP010476.D
Acq: 23 May 2022 14:40

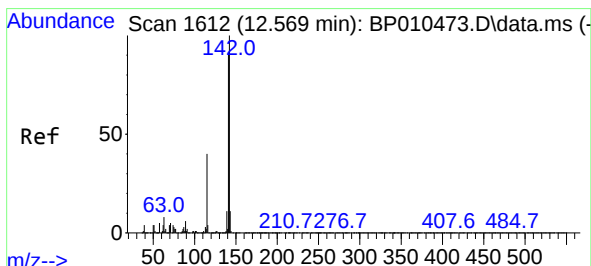
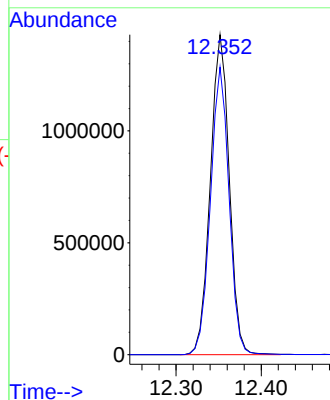
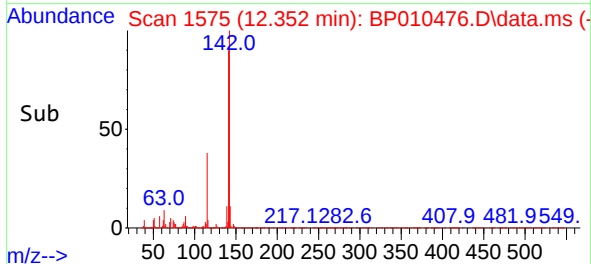
Instrument :
BNA_P
ClientSampleId :
DBTH1



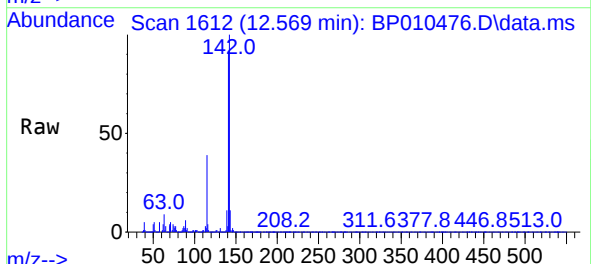
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Ion Ratio Lower Upper
142 100
141 89.9 64.3 96.5

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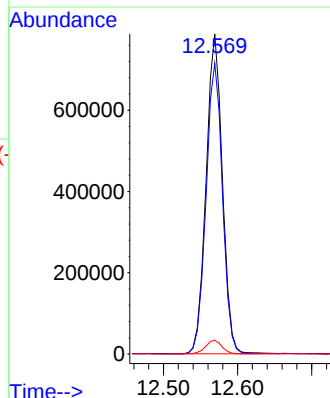
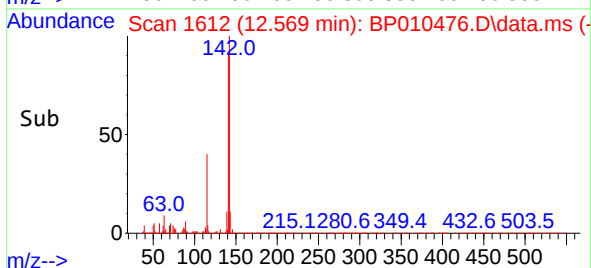
Reviewed By :Jagrut Upadhyay 05/24/2022
Supervised By :Yogesh Patel 05/26/2022

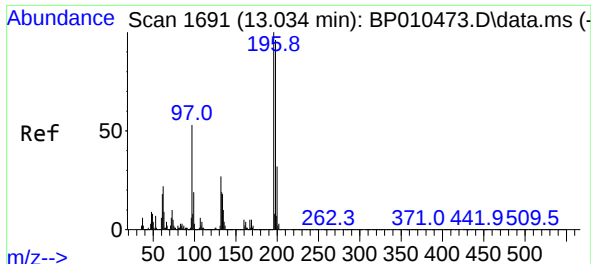


#37
1-Methylnaphthalene
Concen: 41.498 ng/ul
RT: 12.569 min Scan# 1612
Delta R.T. -0.011 min
Lab File: BP010476.D
Acq: 23 May 2022 14:40



Tgt Ion:142 Resp: 1203906
Ion Ratio Lower Upper
142 100
141 90.9 69.8 104.8
116 4.3 5.6 8.4#





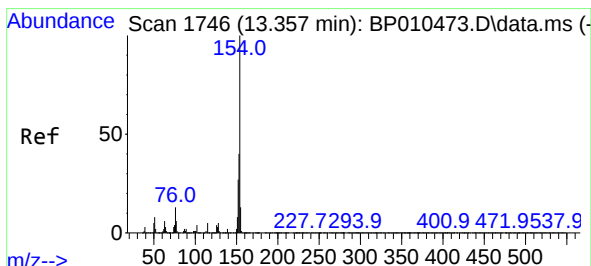
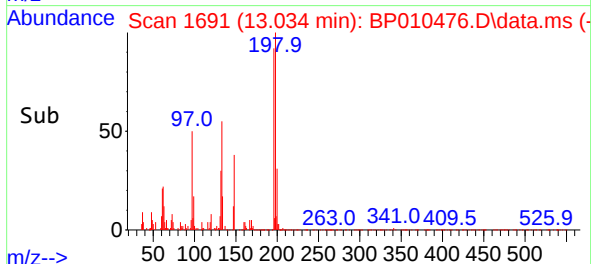
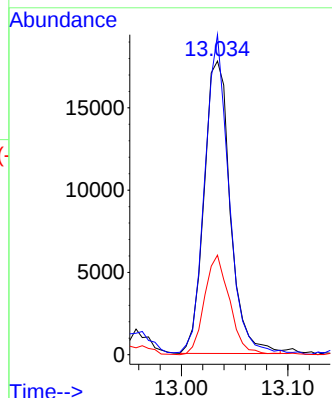
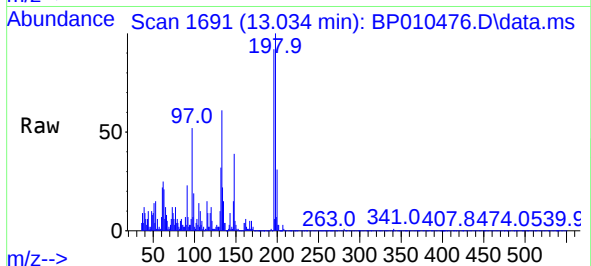
#42
2,4,5-Trichlorophenol
Concen: 2.782 ng/ul
RT: 13.034 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP010476.D
Acq: 23 May 2022 14:40

Instrument :
BNA_P
ClientSampleId :
DBTH1

Tgt Ion:196 Resp: 30418
Ion Ratio Lower Upper
196 100
198 109.0 68.6 103.0
200 33.9 32.8 49.2

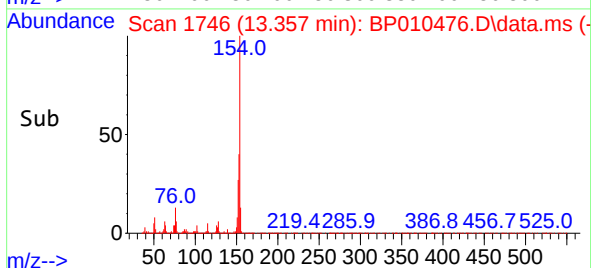
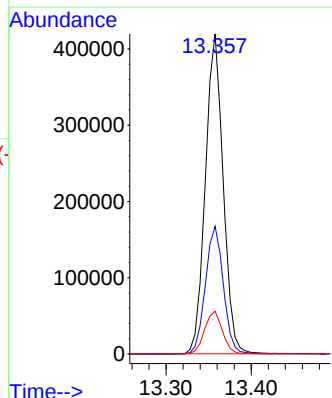
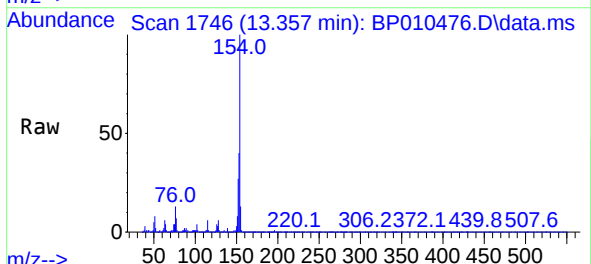
Manual Integrations
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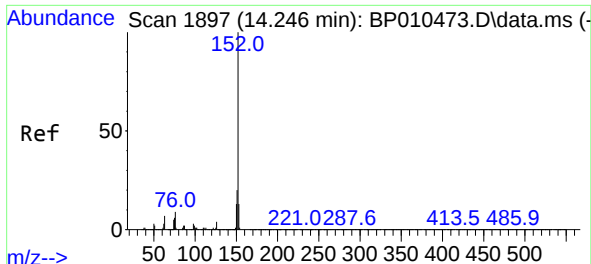
Reviewed By :Jagrut Upadhyay 05/24/2022
Supervised By :Yogesh Patel 05/26/2022



#43
1,1'-Biphenyl
Concen: 16.130 ng/ul
RT: 13.357 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BP010476.D
Acq: 23 May 2022 14:40

Tgt Ion:154 Resp: 609418
Ion Ratio Lower Upper
154 100
153 39.9 28.6 43.0
76 13.3 8.5 12.7





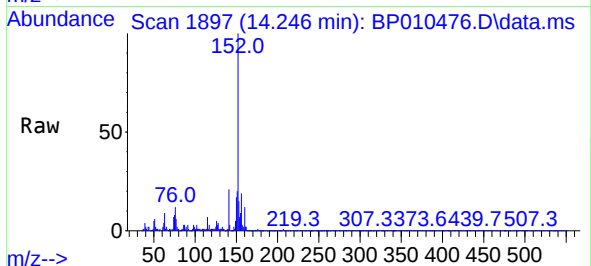
#50
Acenaphthylene
Concen: 3.554 ng/ul
RT: 14.246 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP010476.D
Acq: 23 May 2022 14:40

Instrument :

BNA_P

ClientSampleId :

DBTH1

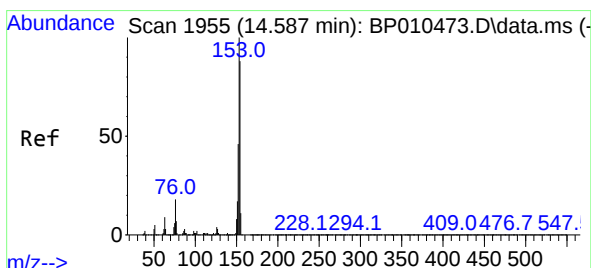
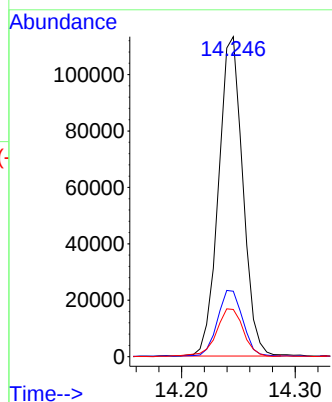
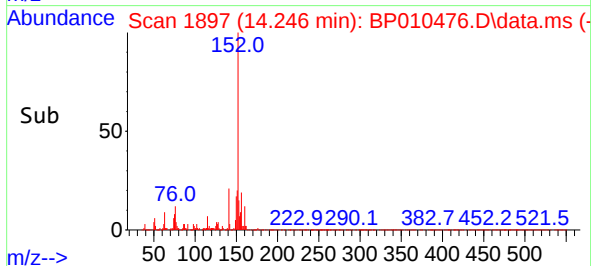


Tgt Ion:152 Resp: 16816
Ion Ratio Lower Upper
152 100
151 20.4 18.3 27.5
153 14.7 11.0 16.6

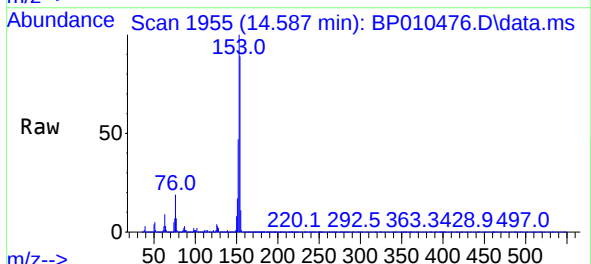
Manual Integrations

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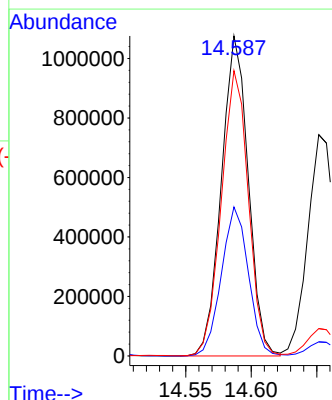
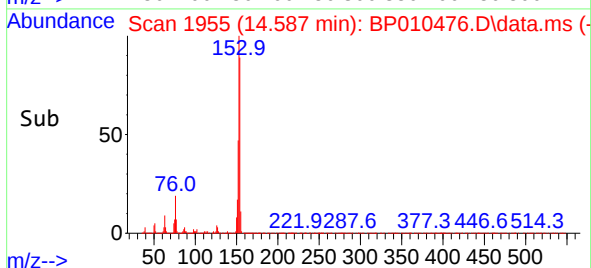
Reviewed By :Jagrut Upadhyay 05/24/2022
Supervised By :Yogesh Patel 05/26/2022

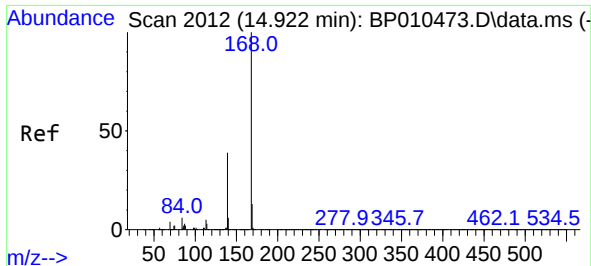


#52
Acenaphthene
Concen: 49.605 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BP010476.D
Acq: 23 May 2022 14:40



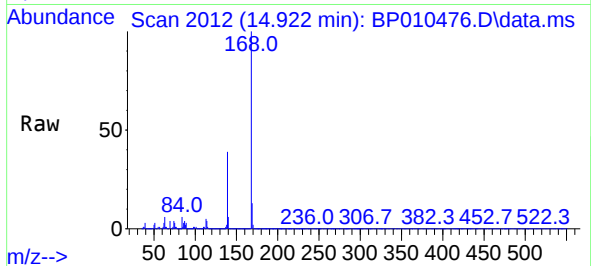
Tgt Ion:153 Resp: 1531396
Ion Ratio Lower Upper
153 100
152 46.5 34.3 51.5
154 89.2 70.0 105.0





#56
Dibenzenofuran
Concen: 41.708 ng/ul
RT: 14.922 min Scan# 2012
Delta R.T. -0.011 min
Lab File: BP010476.D
Acq: 23 May 2022 14:40

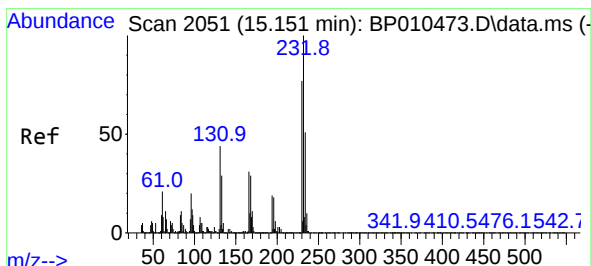
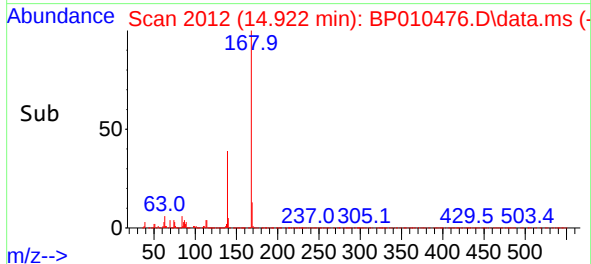
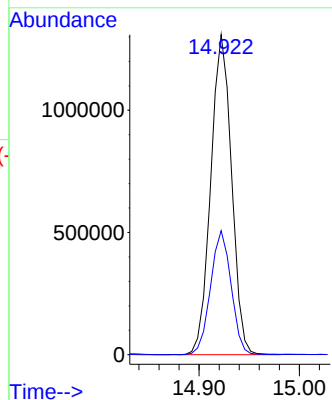
Instrument :
BNA_P
ClientSampleId :
DBTH1



Tgt Ion:168 Resp: 188697
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1

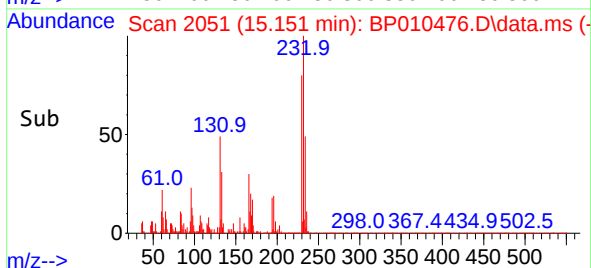
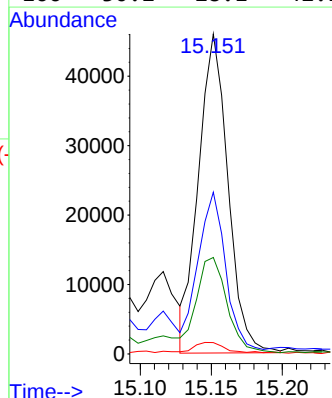
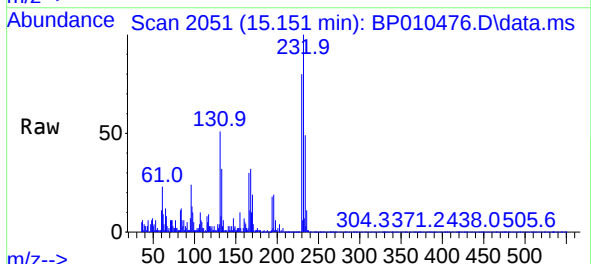
Manual Integrations
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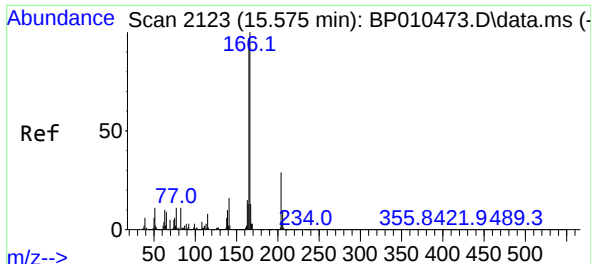
Reviewed By :Jagrut Upadhyay 05/24/2022
Supervised By :Yogesh Patel 05/26/2022



#58
2,3,4,6-Tetrachlorophenol
Concen: 7.071 ng/ul
RT: 15.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BP010476.D
Acq: 23 May 2022 14:40

Tgt Ion:232 Resp: 66475
Ion Ratio Lower Upper
232 100
131 50.5 25.4 38.2#
130 3.5 4.2 6.2#
166 30.2 28.1 42.1





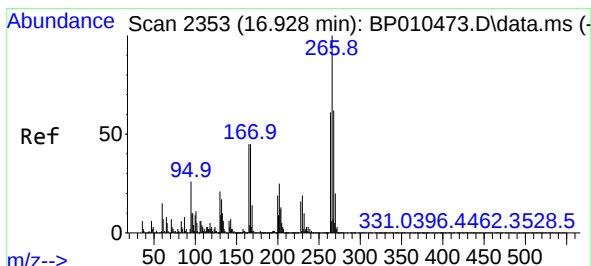
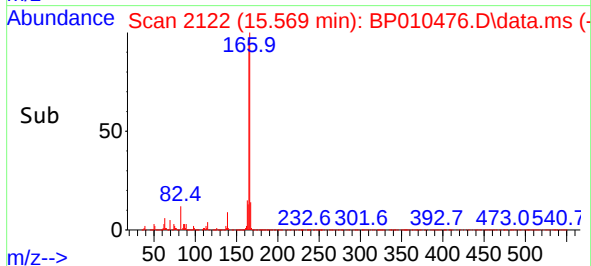
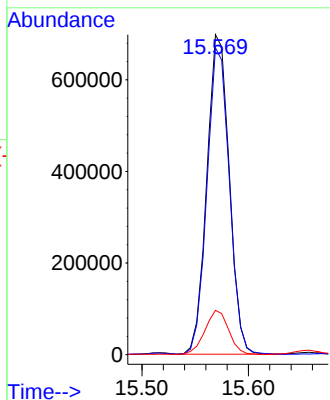
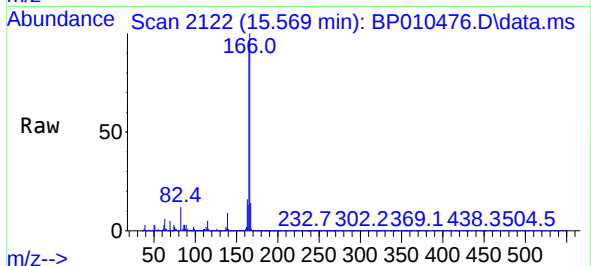
#61
Fluorene
Concen: 27.589 ng/ul
RT: 15.569 min Scan# 2123
Delta R.T. -0.011 min
Lab File: BP010476.D
Acq: 23 May 2022 14:40

Instrument :
BNA_P
ClientSampleId :
DBTH1

Tgt Ion:166 Resp: 1020760
Ion Ratio Lower Upper
166 100
165 95.9 70.3 105.5
167 13.8 9.5 14.3

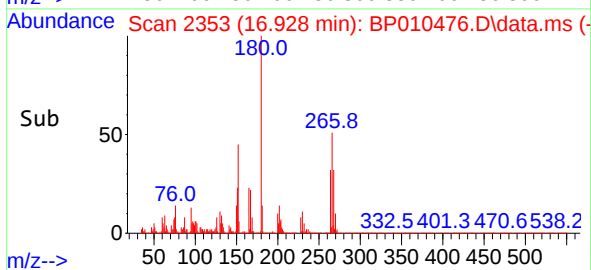
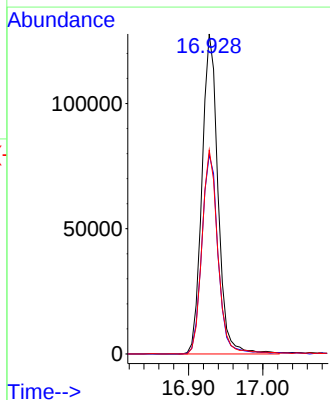
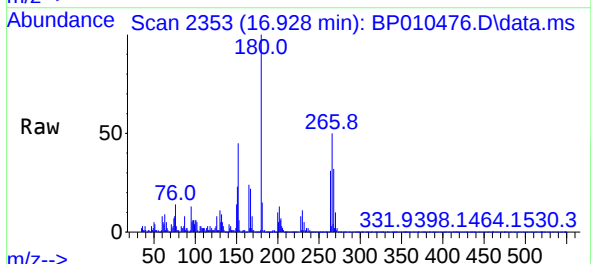
Manual Integrations
APPROVED

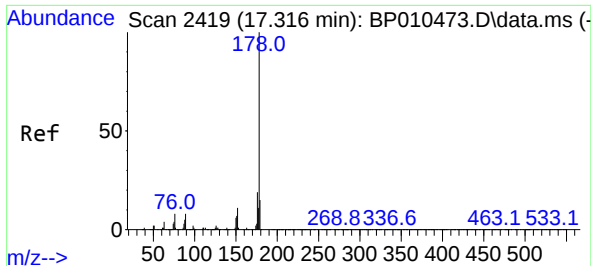
Reviewed By :Jagrut Upadhyay 05/24/2022
Supervised By :Yogesh Patel 05/26/2022



#71
Pentachlorophenol
Concen: 23.263 ng/ul m
RT: 16.928 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BP010476.D
Acq: 23 May 2022 14:40

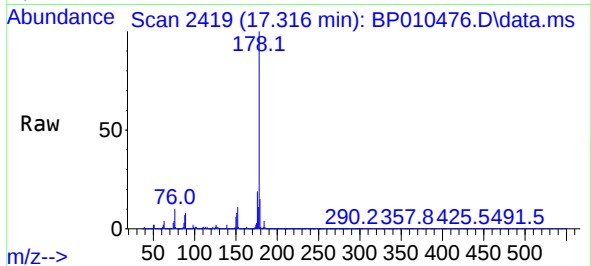
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Ion Ratio Lower Upper
266 100
264 62.3 57.3 85.9
268 63.7 65.7 98.5#





#72
Phenanthrene
Concen: 20.086 ng/u1
RT: 17.316 min Scan# 2419
Delta R.T. -0.011 min
Lab File: BP010476.D
Acq: 23 May 2022 14:40

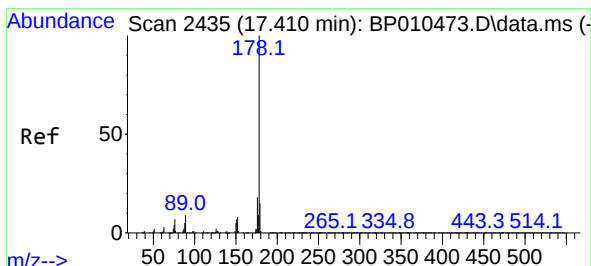
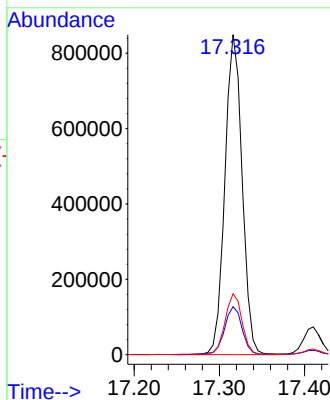
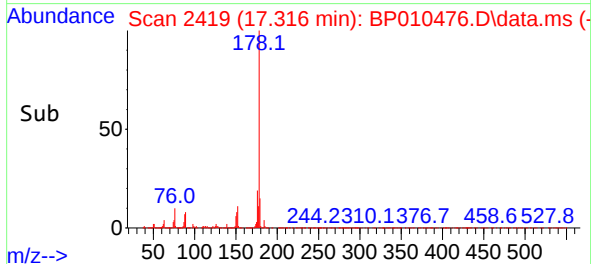
Instrument :
BNA_P
ClientSampleId :
DBTH1



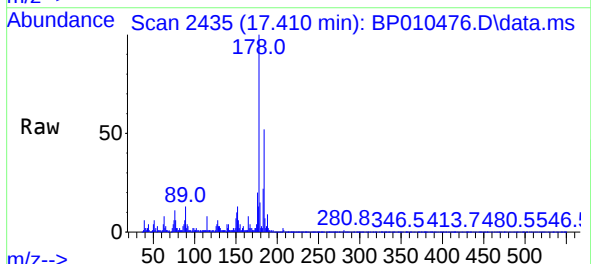
Tgt Ion:178 Resp: 1190397
Ion Ratio Lower Upper
178 100
179 15.0 11.7 17.5
176 19.0 14.5 21.7

Manual Integrations
APPROVED

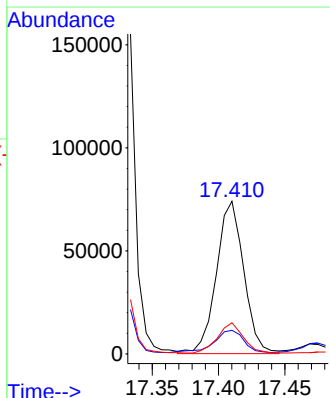
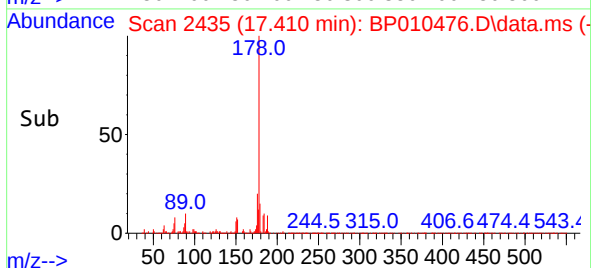
Reviewed By :Jagrut Upadhyay 05/24/2022
Supervised By :Yogesh Patel 05/26/2022

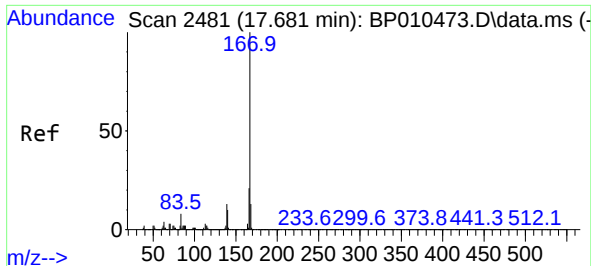


#74
Anthracene
Concen: 1.796 ng/u1 m
RT: 17.410 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP010476.D
Acq: 23 May 2022 14:40



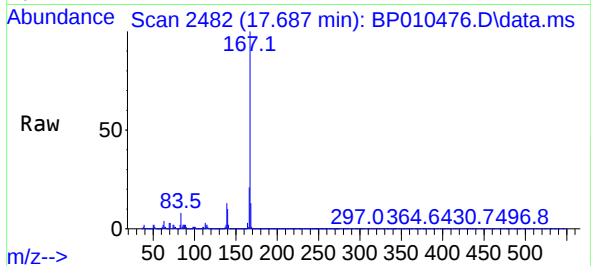
Tgt Ion:178 Resp: 106756
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 20.5 13.4 20.2#





#77
Carbazole
Concen: 94.006 ng/ul
RT: 17.687 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP010476.D
Acq: 23 May 2022 14:40

Instrument :
BNA_P
ClientSampleId :
DBTH1



Tgt Ion:167 Resp: 4911764
Ion Ratio Lower Upper
167 100
166 21.2 15.8 23.8
139 13.0 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/24/2022
Supervised By :Yogesh Patel 05/26/2022

