

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
 Data File : BM049504.D
 Acq On : 29 Jan 2025 14:59
 Operator : RC/JU
 Sample : Q1184-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2966

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 02/05/2025

Quant Time: Jan 30 07:44:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 28 14:45:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	205258	20.000	ng/u1	0.00
20) Naphthalene-d8	10.263	136	2204119m	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.192	164	660048	20.000	ng/u1	0.04
64) Phenanthrene-d10	16.916	188	1257392	20.000	ng/u1	0.01
79) Chrysene-d12	21.139	240	1229175	20.000	ng/u1	0.00
88) Perylene-d12	23.921	264	1321620	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	22680	4.094	ng/uL	0.00
4) Pyridine-d5	3.528	84	143485	8.815	ng/u1	0.02
7) Phenol-d5	6.863	99	675272m	40.542	ng/u1	0.15
9) Bis-(2-Chloroethyl)eth...	6.863	67	770606	67.659	ng/u1	0.00
11) 2-Chlorophenol-d4	7.063	132	484552	37.594	ng/u1	0.01
15) 4-Methylphenol-d8	8.357	113	395099m	32.376	ng/u1	0.13
21) Nitrobenzene-d5	8.693	128	256580	15.216	ng/u1	0.04
24) 2-Nitrophenol-d4	9.387	143	309304	16.817	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	9.975	165	556780	14.834	ng/u1	0.07
31) 4-Chloroaniline-d4	10.557	131	232339m	4.826	ng/u1	0.14
46) Dimethylphthalate-d6	13.651	166	1549213	32.011	ng/u1	0.08
49) Acenaphthylene-d8	13.892	160	2168095	38.129	ng/u1	0.05
54) 4-Nitrophenol-d4	14.422	143	107763	13.574	ng/u1	0.04
60) Fluorene-d10	15.174	176	1674775	39.352	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.304	200	320406	40.437	ng/u1	0.02
73) Anthracene-d10	17.010	188	2625087	41.807	ng/u1	0.00
81) Pyrene-d10	19.315	212	3032814	42.207	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	3008215	42.676	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	6.846	94	22492390m	1286.547	ng/u1	
13) 2-Methylphenol	8.104	108	261779m	21.367	ng/u1	
18) 4-Methylphenol	8.398	108	7254221m	548.611	ng/u1	
26) 2,4-Dimethylphenol	9.581	107	24347128m	647.840	ng/u1	
30) Naphthalene	10.339	128	1681588	14.330	ng/u1	100
36) 2-Methylnaphthalene	11.986	142	209615	2.619	ng/u1	99
37) 1-Methylnaphthalene	12.216	142	185269m	2.348	ng/u1	
42) 2,4,5-Trichlorophenol	12.704	196	99650	6.608	ng/u1	97
43) 1,1'-Biphenyl	13.004	154	79988	1.597	ng/u1#	91
52) Acenaphthene	14.257	153	161917	3.882	ng/u1#	78
56) Dibenzofuran	14.580	168	110818	1.863	ng/u1#	79
59) Diethylphthalate	15.027	149	239174	5.241	ng/u1#	72
62) 4-Chlorophenyl-phenyle...	15.204	204	99981m	3.836	ng/u1	
72) Phenanthrene	16.957	178	129611	1.831	ng/u1#	84
77) Carbazole	17.321	167	684705	10.746	ng/u1#	82

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

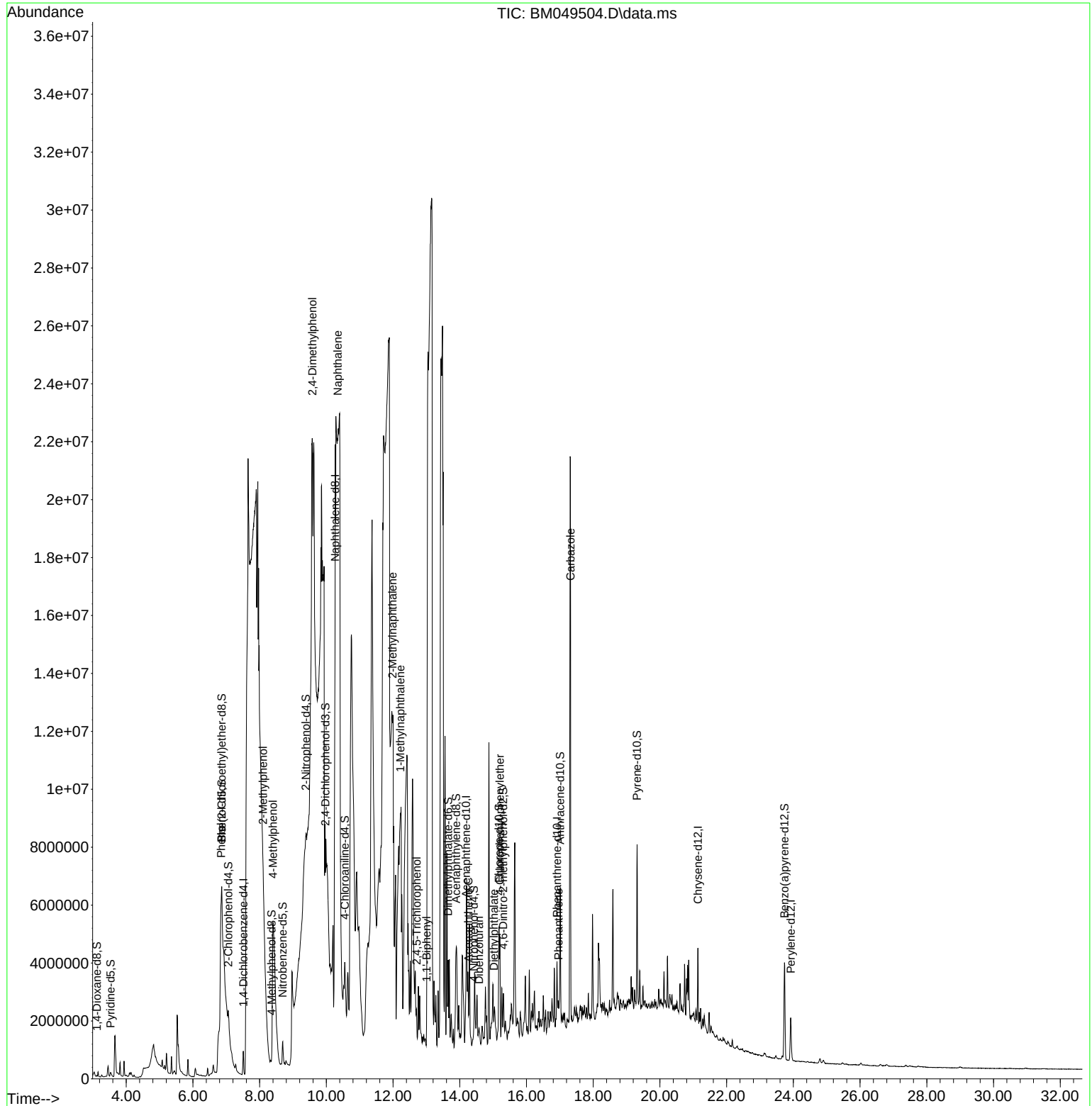
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049504.D
Acq On : 29 Jan 2025 14:59
Operator : RC/JU
Sample : Q1184-15
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ALS Vial : 6 Sample Multiplier: 1

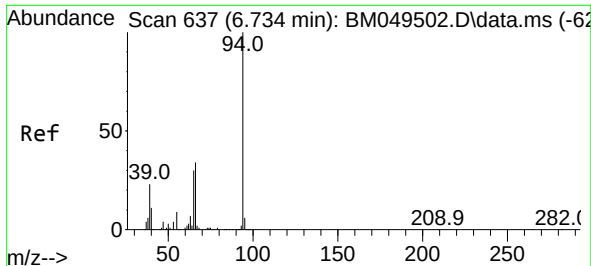
Instrument :
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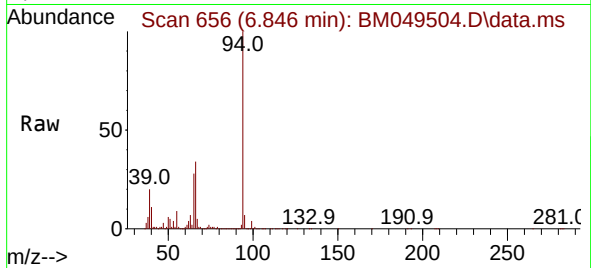
Quant Time: Jan 30 07:44:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration





#8
Phenol
Concen: 1286.547 ng/ul m
RT: 6.846 min Scan# 6
Delta R.T. 0.112 min
Lab File: BM049504.D
Acq: 29 Jan 2025 14:59

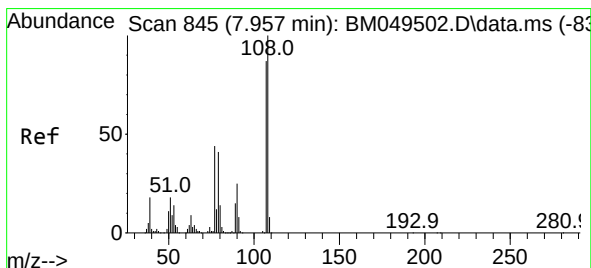
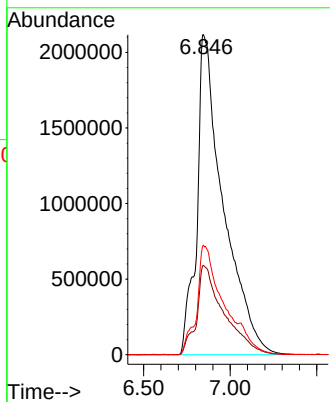
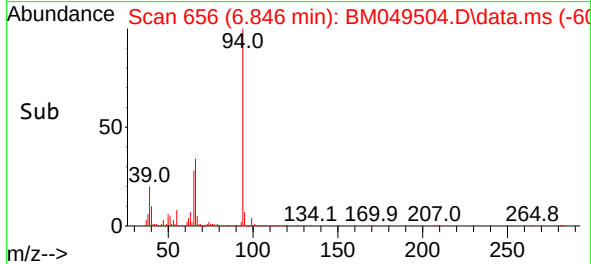
Instrument :
BNA_M
ClientSampleId :
E2966



Tgt Ion: 94 Resp: 22492390
Ion Ratio Lower Upper
94 100
65 27.9 23.4 35.0
66 34.2 27.8 41.8

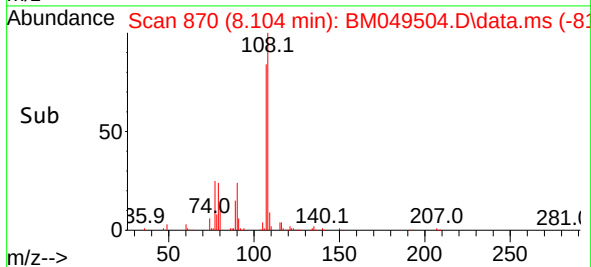
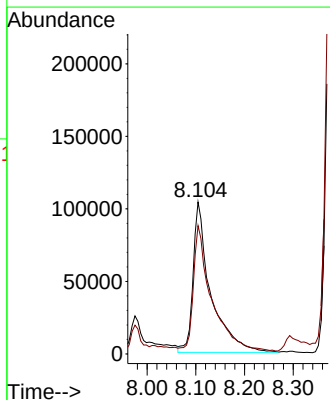
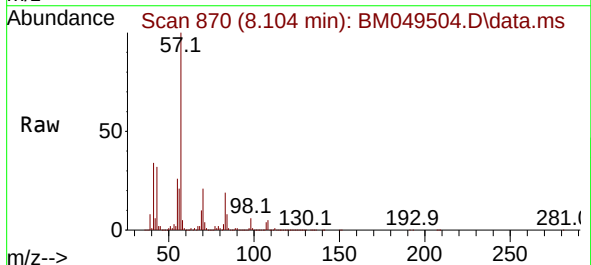
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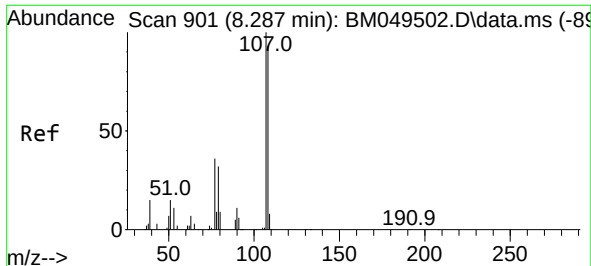
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025



#13
2-Methylphenol
Concen: 21.367 ng/ul m
RT: 8.104 min Scan# 870
Delta R.T. 0.141 min
Lab File: BM049504.D
Acq: 29 Jan 2025 14:59

Tgt Ion: 108 Resp: 261779
Ion Ratio Lower Upper
108 100
107 84.4 69.7 104.5





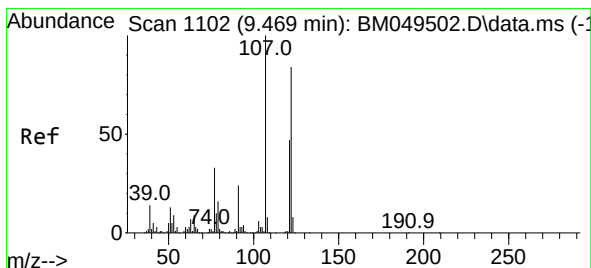
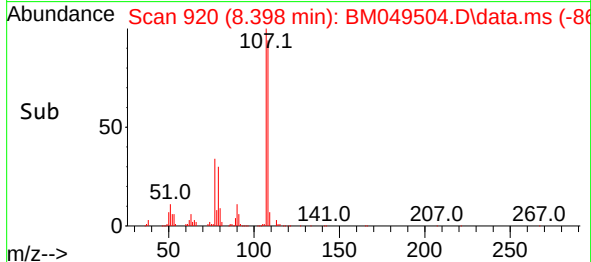
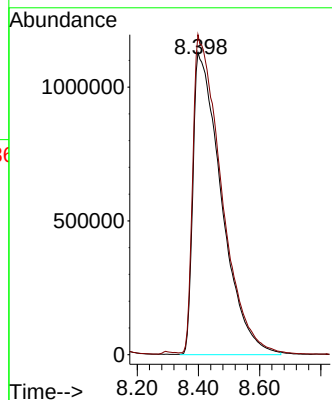
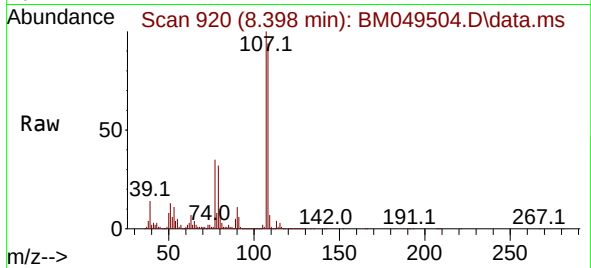
#18
4-Methylphenol
Concen: 548.611 ng/ul m
RT: 8.398 min Scan# 91
Delta R.T. 0.112 min
Lab File: BM049504.D
Acq: 29 Jan 2025 14:59

Instrument :
BNA_M
ClientSampleId :
E2966

Tgt Ion:108 Resp: 725422
Ion Ratio Lower Upper
108 100
107 105.8 90.0 135.0

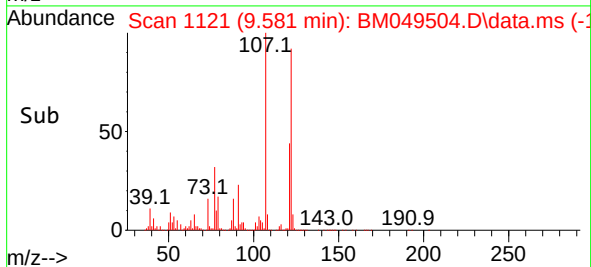
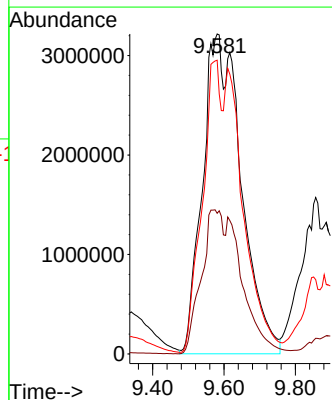
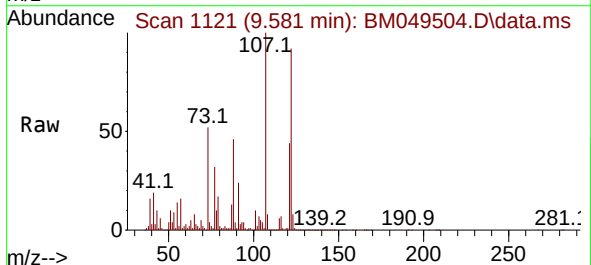
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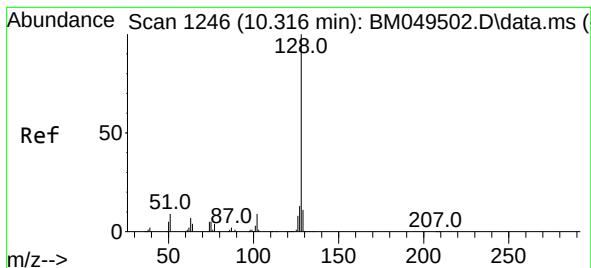
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025



#26
2,4-Dimethylphenol
Concen: 647.840 ng/ul m
RT: 9.581 min Scan# 1121
Delta R.T. 0.106 min
Lab File: BM049504.D
Acq: 29 Jan 2025 14:59

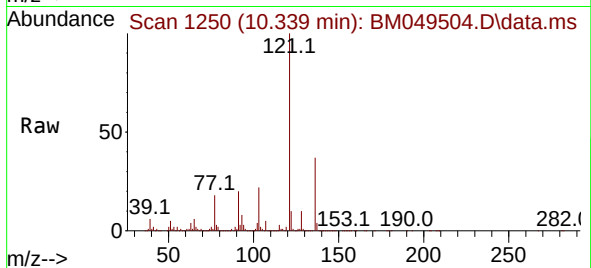
Tgt Ion:107 Resp:24347128
Ion Ratio Lower Upper
107 100
121 44.0 39.6 59.4
122 91.8 68.7 103.1





#30
Naphthalene
Concen: 14.330 ng/ul
RT: 10.339 min Scan# 11
Delta R.T. 0.018 min
Lab File: BM049504.D
Acq: 29 Jan 2025 14:59

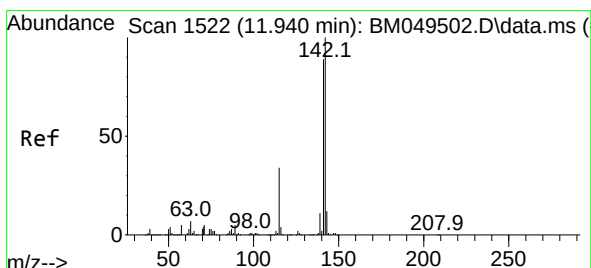
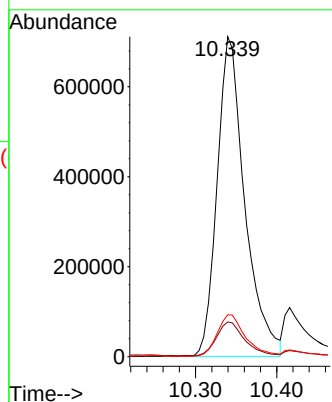
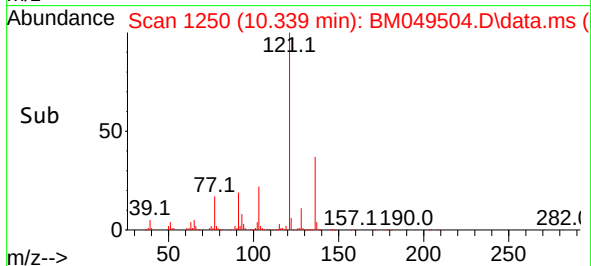
Instrument :
BNA_M
ClientSampleId :
E2966



Tgt Ion:128 Resp: 168158
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.6 15.8

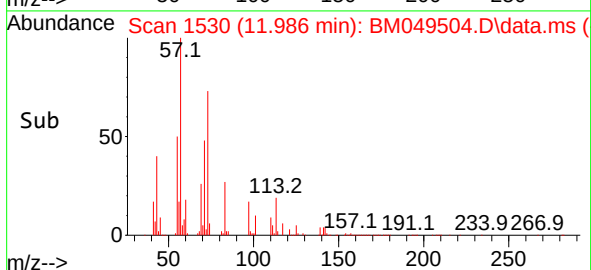
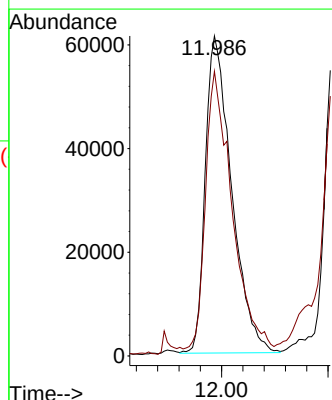
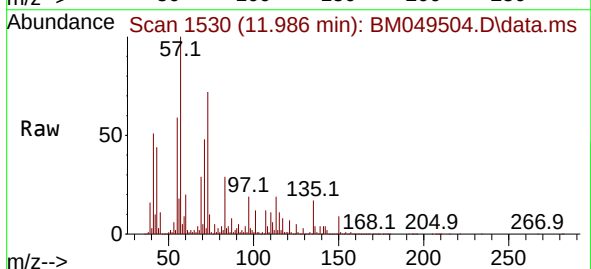
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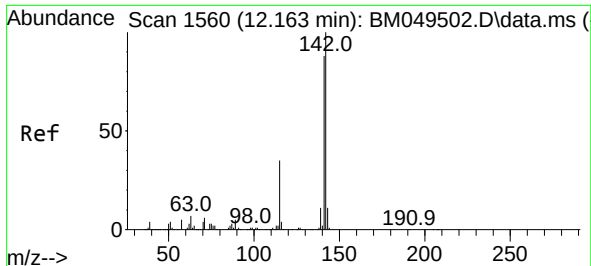
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025



#36
2-Methylnaphthalene
Concen: 2.619 ng/ul
RT: 11.986 min Scan# 1530
Delta R.T. 0.041 min
Lab File: BM049504.D
Acq: 29 Jan 2025 14:59

Tgt Ion:142 Resp: 209615
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6





#37

1-Methylnaphthalene

Concen: 2.348 ng/ul m

RT: 12.216 min Scan# 1

Delta R.T. 0.053 min

Lab File: BM049504.D

Acq: 29 Jan 2025 14:59

Instrument :

BNA_M

ClientSampleId :

E2966

Tgt Ion:142 Resp: 185269

Ion Ratio Lower Upper

142 100

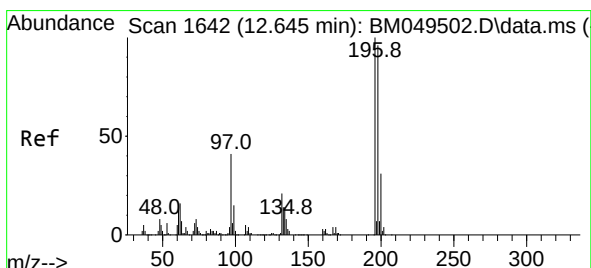
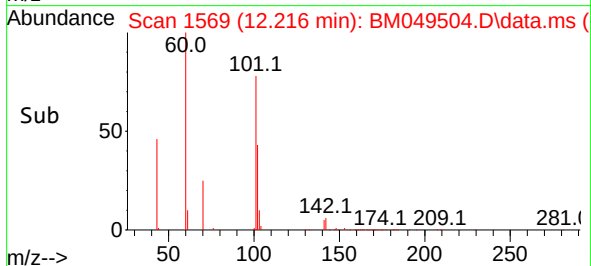
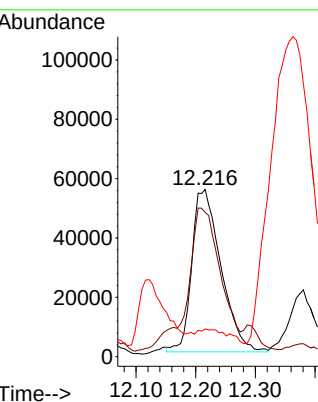
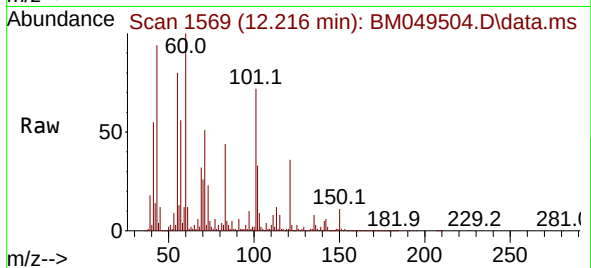
141 86.3 72.8 109.2

116 16.5 3.0 4.6

Manual Integrations

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Supervised By :mohammad ahmed 02/05/2025



#42

2,4,5-Trichlorophenol

Concen: 6.608 ng/ul

RT: 12.704 min Scan# 1652

Delta R.T. 0.059 min

Lab File: BM049504.D

Acq: 29 Jan 2025 14:59

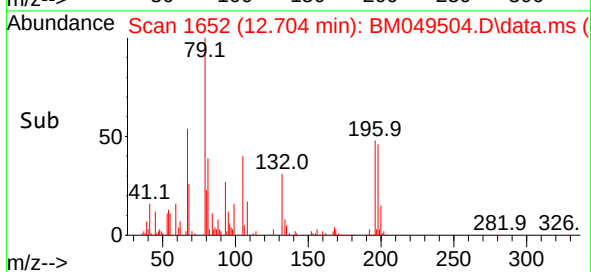
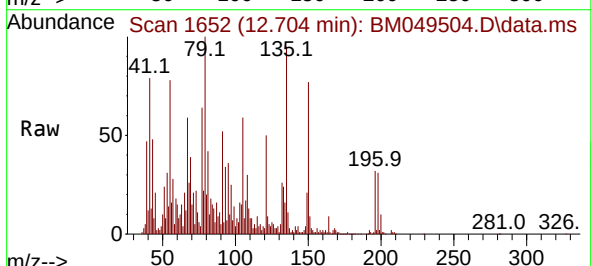
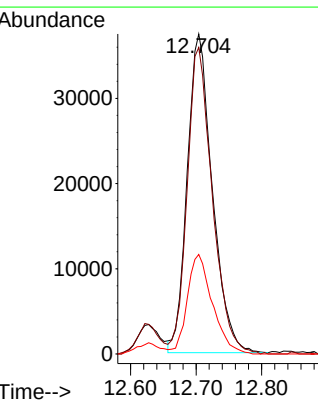
Tgt Ion:196 Resp: 99650

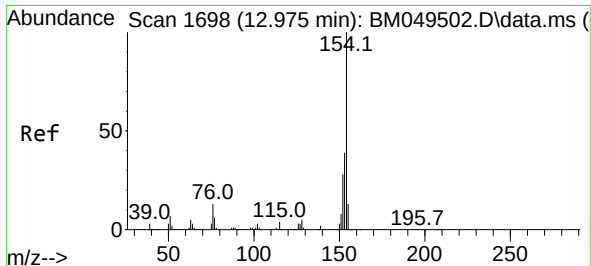
Ion Ratio Lower Upper

196 100

198 95.8 79.4 119.0

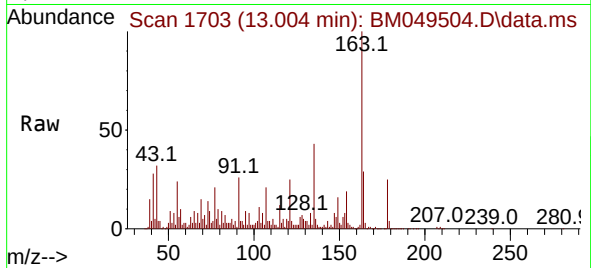
200 31.1 25.1 37.7





#43
1,1'-Biphenyl
Concen: 1.597 ng/ul
RT: 13.004 min Scan# 1703
Delta R.T. 0.024 min
Lab File: BM049504.D
Acq: 29 Jan 2025 14:59

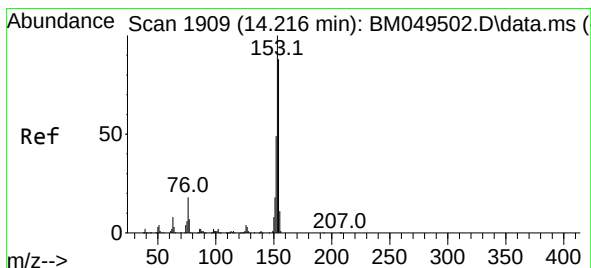
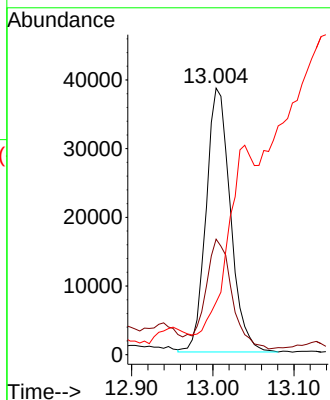
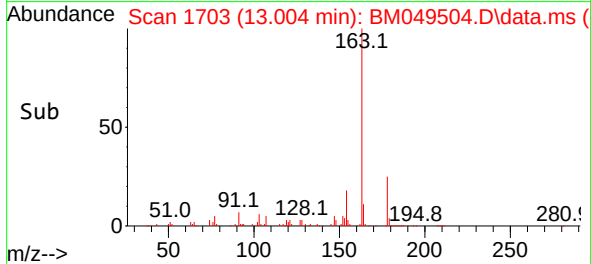
Instrument :
BNA_M
ClientSampleId :
E2966



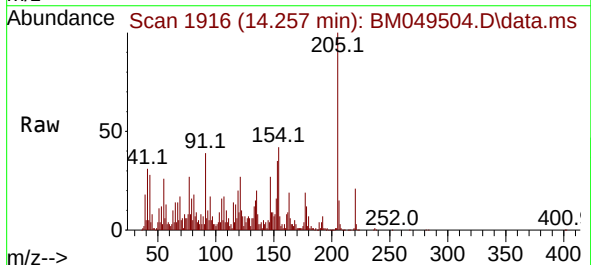
Tgt Ion:154 Resp: 7998
Ion Ratio Lower Upper
154 100
153 43.3 31.7 47.5
76 19.7 9.8 14.8

Manual Integrations
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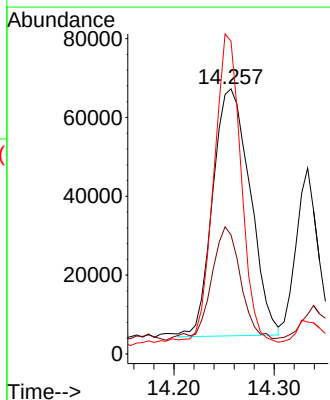
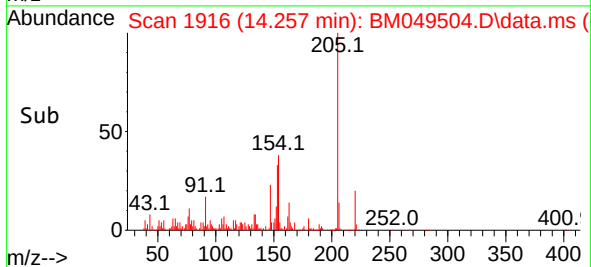
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025

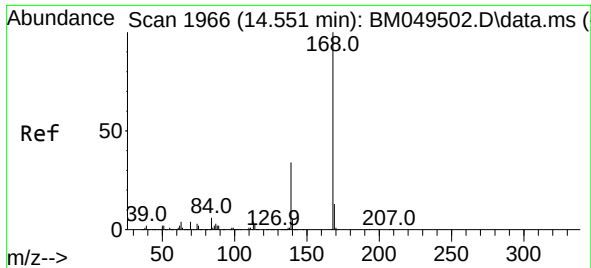


#52
Acenaphthene
Concen: 3.882 ng/ul
RT: 14.257 min Scan# 1916
Delta R.T. 0.041 min
Lab File: BM049504.D
Acq: 29 Jan 2025 14:59



Tgt Ion:153 Resp: 161917
Ion Ratio Lower Upper
153 100
152 44.9 39.0 58.4
154 118.0 71.5 107.3





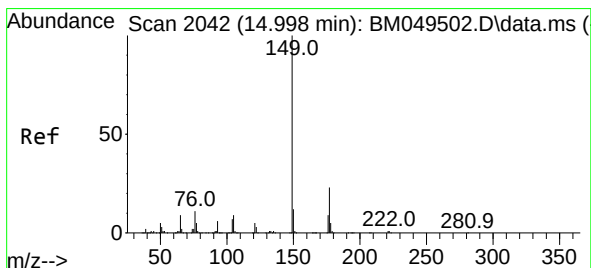
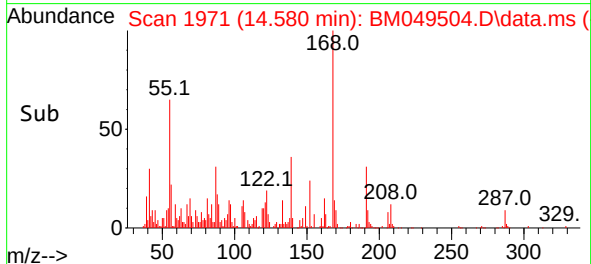
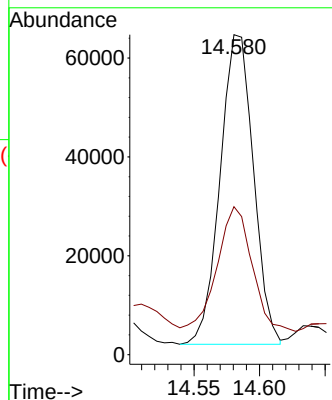
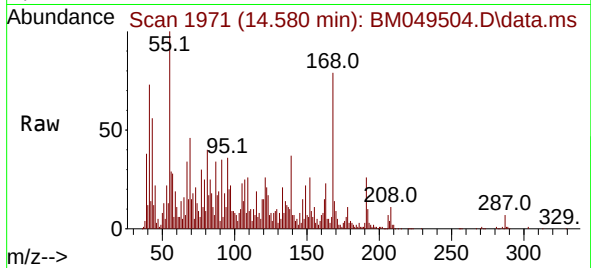
#56
Dibenzenofuran
Concen: 1.863 ng/ul
RT: 14.580 min Scan# 1966
Delta R.T. 0.024 min
Lab File: BM049504.D
Acq: 29 Jan 2025 14:59

Instrument :
BNA_M
ClientSampleId :
E2966

Tgt Ion:168 Resp: 110818
Ion Ratio Lower Upper
168 100
139 46.3 27.4 41.0

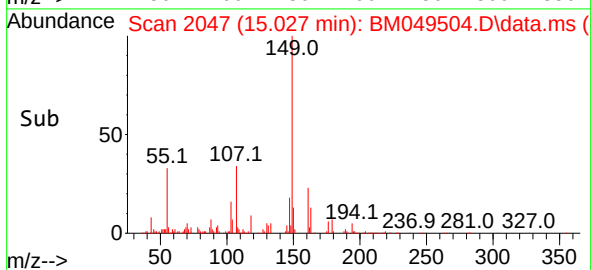
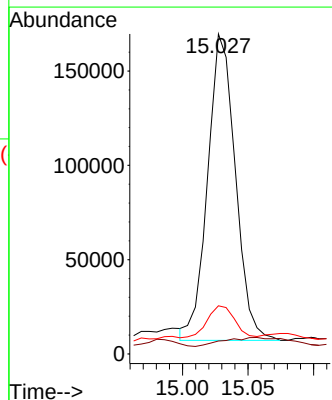
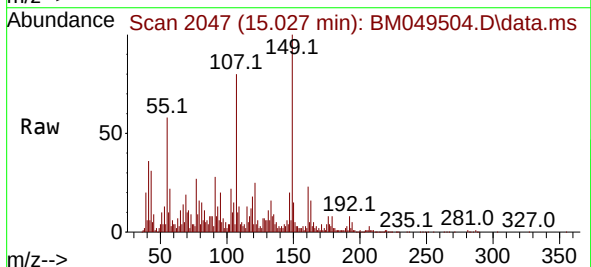
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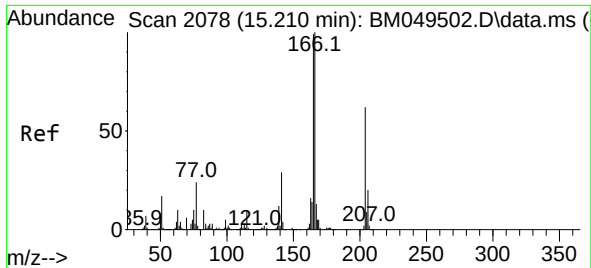
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025



#59
Diethylphthalate
Concen: 5.241 ng/ul
RT: 15.027 min Scan# 2047
Delta R.T. 0.029 min
Lab File: BM049504.D
Acq: 29 Jan 2025 14:59

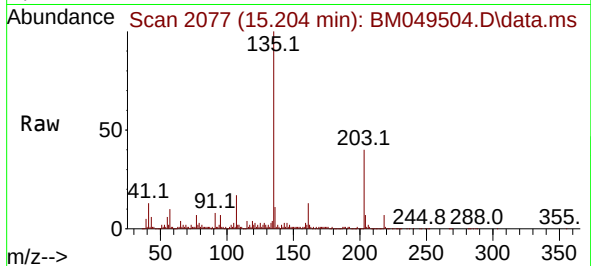
Tgt Ion:149 Resp: 239174
Ion Ratio Lower Upper
149 100
177 4.0 18.3 27.5#
150 15.1 9.9 14.9#





#62
4-Chlorophenyl-phenylether
Concen: 3.836 ng/ul m
RT: 15.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM049504.D
Acq: 29 Jan 2025 14:59

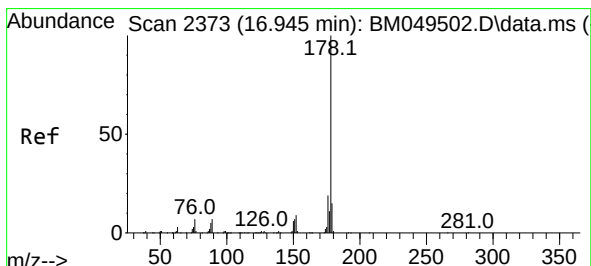
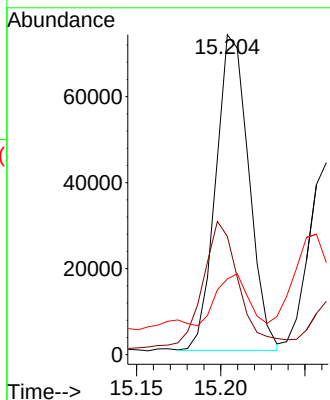
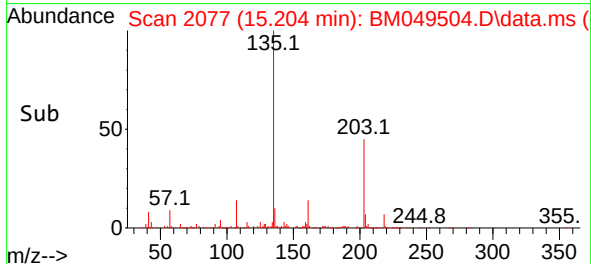
Instrument :
BNA_M
ClientSampleId :
E2966



Tgt Ion:204 Resp: 9998
Ion Ratio Lower Upper
204 100
206 37.0 27.0 40.6
141 23.6 41.2 61.8

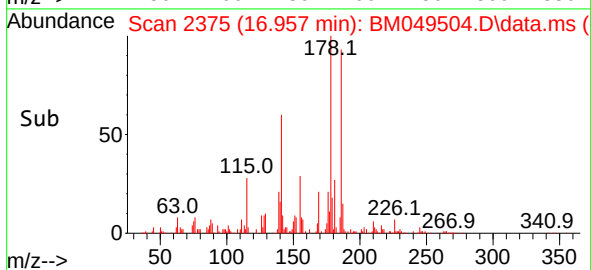
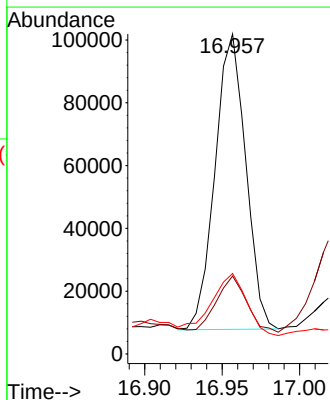
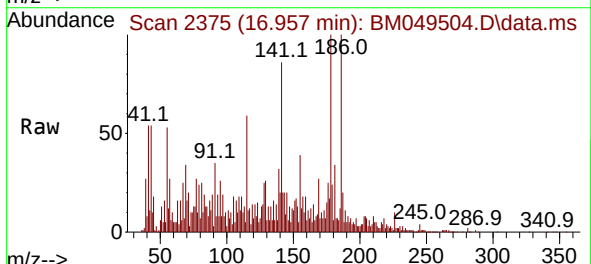
Manual Integrations
APPROVED

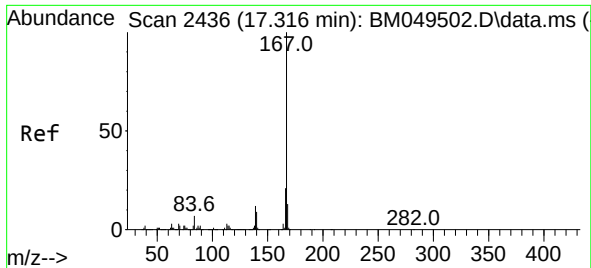
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025



#72
Phenanthrene
Concen: 1.831 ng/ul
RT: 16.957 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BM049504.D
Acq: 29 Jan 2025 14:59

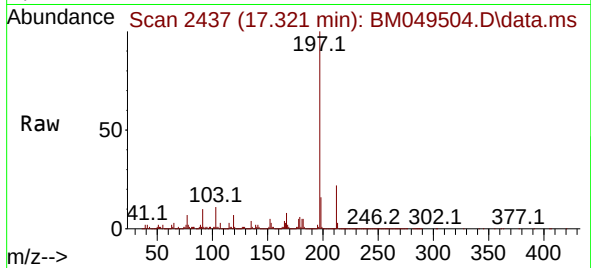
Tgt Ion:178 Resp: 129611
Ion Ratio Lower Upper
178 100
179 24.3 12.4 18.6#
176 25.1 15.6 23.4#





#77
 Carbazole
 Concen: 10.746 ng/ul
 RT: 17.321 min Scan# 2437
 Delta R.T. 0.006 min
 Lab File: BM049504.D
 Acq: 29 Jan 2025 14:59

Instrument :
 BNA_M
 ClientSampleId :
 E2966



Tgt Ion:167 Resp: 68470
 Ion Ratio Lower Upper
 167 100
 166 29.6 17.2 25.8
 139 19.6 9.3 13.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 02/05/2025

