

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
 Data File : BM049505.D
 Acq On : 29 Jan 2025 15:39
 Operator : RC/JU
 Sample : Q1184-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2965

Manual Integrations
 APPROVED

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

Quant Time: Jan 30 07:51:42 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	269649	20.000	ng/u1	0.00
20) Naphthalene-d8	10.281	136	4299094m	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.192	164	714432	20.000	ng/u1	0.04
64) Phenanthrene-d10	16.915	188	1371784	20.000	ng/u1	0.01
79) Chrysene-d12	21.139	240	1364155	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	1449123	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	32267	4.434	ng/uL	0.00
4) Pyridine-d5	3.534	84	132329	6.189	ng/u1	0.02
7) Phenol-d5	6.863	99	689657m	31.518	ng/u1	0.15
9) Bis-(2-Chloroethyl)eth...	6.863	67	746530	49.893	ng/u1	0.00
11) 2-Chlorophenol-d4	7.069	132	599606	35.412	ng/u1	0.02
15) 4-Methylphenol-d8	8.345	113	461273m	28.773	ng/u1	0.12
21) Nitrobenzene-d5	8.692	128	316070	9.610	ng/u1	0.04
24) 2-Nitrophenol-d4	9.392	143	351557	9.800	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	9.975	165	549721	7.509	ng/u1	0.07
31) 4-Chloroaniline-d4	10.569	131	285597	3.041	ng/u1	0.15
46) Dimethylphthalate-d6	13.651	166	1520116	29.019	ng/u1	0.08
49) Acenaphthylene-d8	13.892	160	2269270	36.870	ng/u1	0.05
54) 4-Nitrophenol-d4	14.439	143	118497	13.790	ng/u1	0.06
60) Fluorene-d10	15.174	176	1750848	38.007	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.304	200	348940	40.366	ng/u1	0.02
73) Anthracene-d10	17.009	188	2741513	40.020	ng/u1	0.00
81) Pyrene-d10	19.315	212	3157407	39.593	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.738	264	3166499	40.969	ng/u1	0.01
Target Compounds					Qvalue	
8) Phenol	6.834	94	29458579m	1282.635	ng/u1	
13) 2-Methylphenol	8.110	108	316365m	19.657	ng/u1	
18) 4-Methylphenol	8.404	108	8941327m	514.727	ng/u1	
26) 2,4-Dimethylphenol	9.592	107	26612153m	363.043	ng/u1	
30) Naphthalene	10.345	128	1566918	6.846	ng/u1	100
36) 2-Methylnaphthalene	11.992	142	178968	1.146	ng/u1	98
37) 1-Methylnaphthalene	12.216	142	181558	1.180	ng/u1#	97
42) 2,4,5-Trichlorophenol	12.716	196	111850	6.852	ng/u1	94
43) 1,1'-Biphenyl	13.010	154	86987	1.605	ng/u1#	93
52) Acenaphthene	14.263	153	164389	3.641	ng/u1#	77
56) Dibenzofuran	14.586	168	107281	1.667	ng/u1#	82
59) Diethylphthalate	15.033	149	243130	4.922	ng/u1#	72
62) 4-Chlorophenyl-phenyle...	15.210	204	94140m	3.337	ng/u1	
72) Phenanthrene	16.957	178	127414	1.650	ng/u1#	84
77) Carbazole	17.327	167	659524	9.487	ng/u1#	86

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

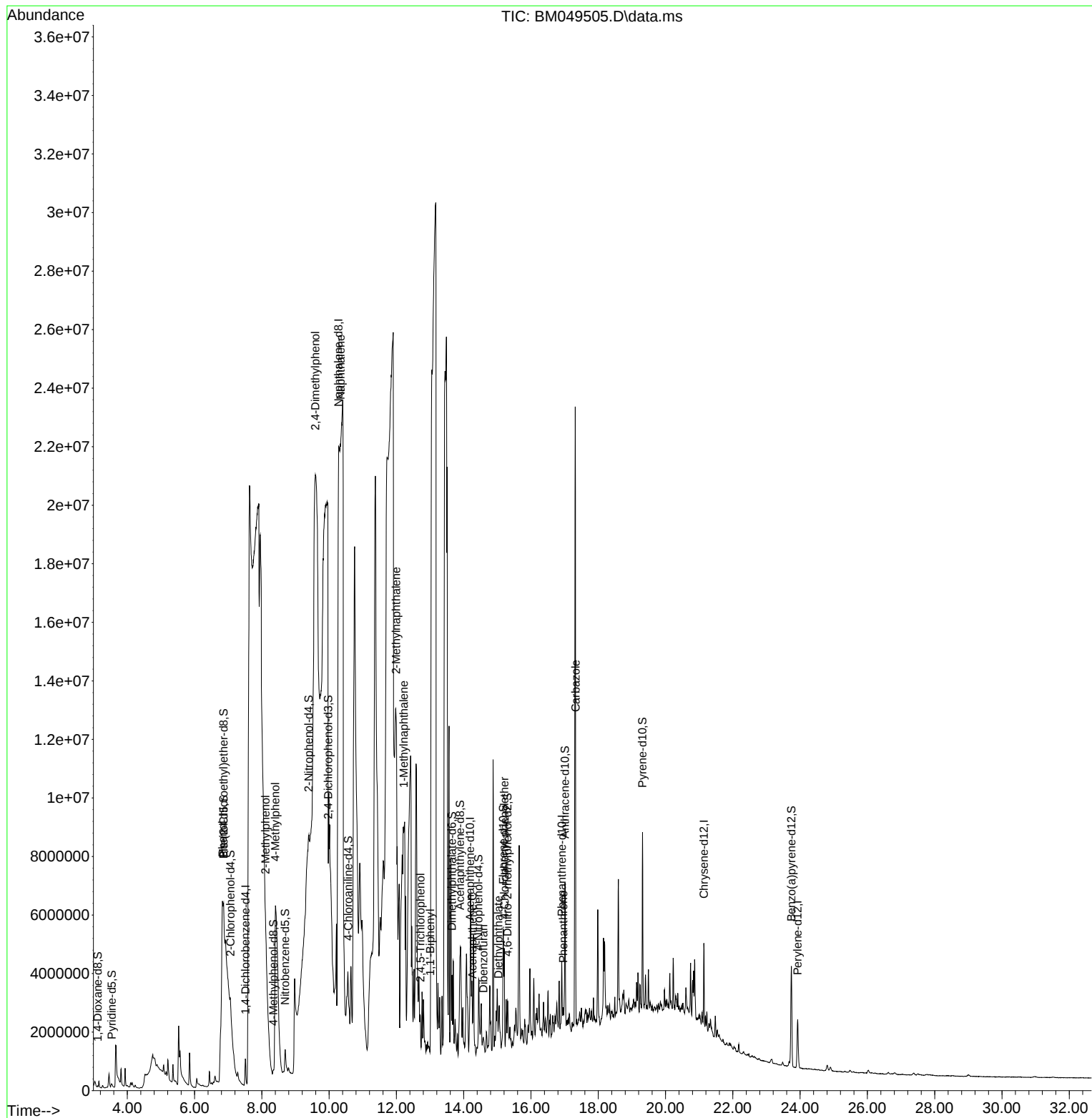
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049505.D
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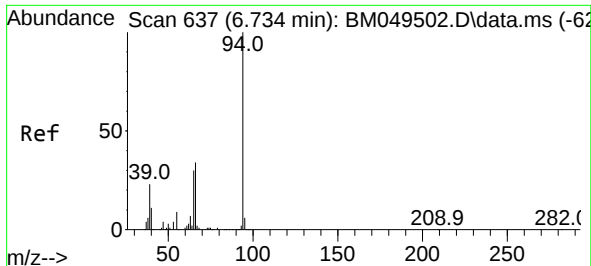
Instrument :
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ClientSampleId :
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Quant Time: Jan 30 07:51:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
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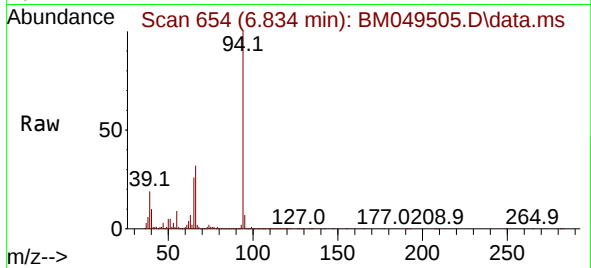
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025





#8
Phenol
Concen: 1282.635 ng/ul m
RT: 6.834 min Scan# 61
Delta R.T. 0.100 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

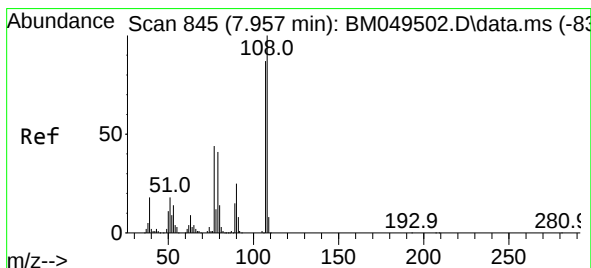
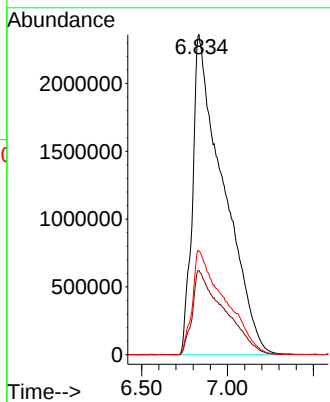
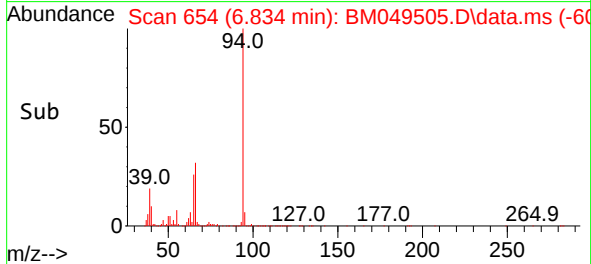
Instrument :
BNA_M
ClientSampleId :
E2965



Tgt Ion: 94 Resp: 29458579
Ion Ratio Lower Upper
94 100
65 26.4 23.4 35.0
66 32.4 27.8 41.8

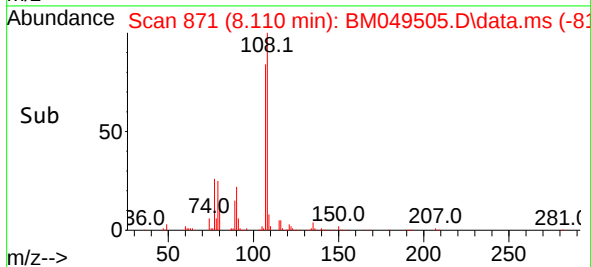
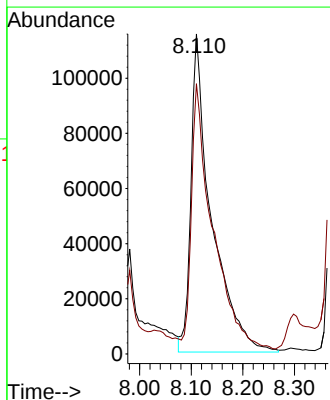
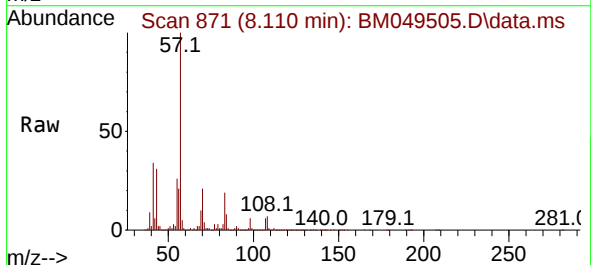
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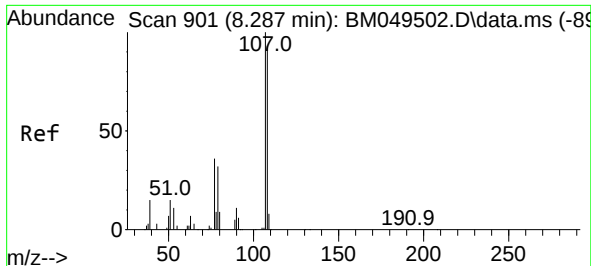
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025



#13
2-Methylphenol
Concen: 19.657 ng/ul m
RT: 8.110 min Scan# 871
Delta R.T. 0.147 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

Tgt Ion:108 Resp: 316365
Ion Ratio Lower Upper
108 100
107 84.5 69.7 104.5





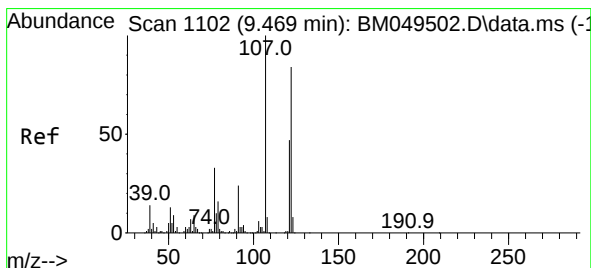
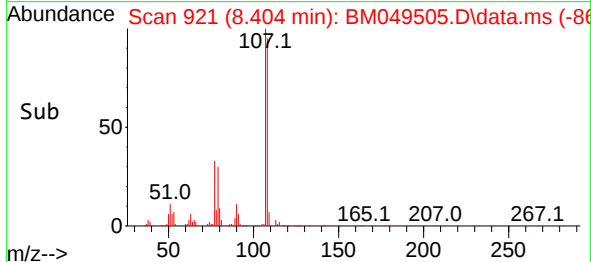
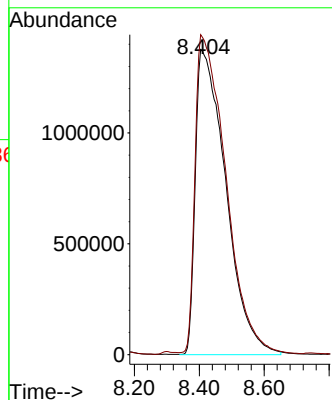
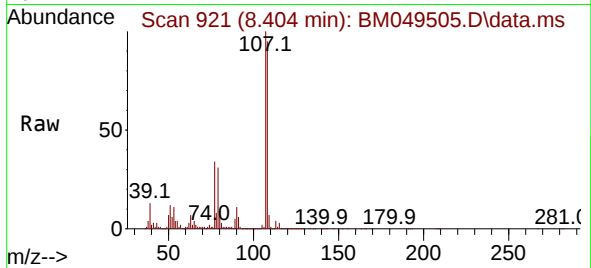
#18
4-Methylphenol
Concen: 514.727 ng/ul m
RT: 8.404 min Scan# 91
Delta R.T. 0.117 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

Instrument :
BNA_M
ClientSampleId :
E2965

Tgt Ion:108 Resp: 894132
Ion Ratio Lower Upper
108 100
107 104.9 90.0 135.0

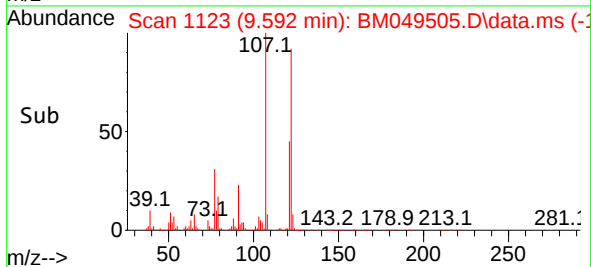
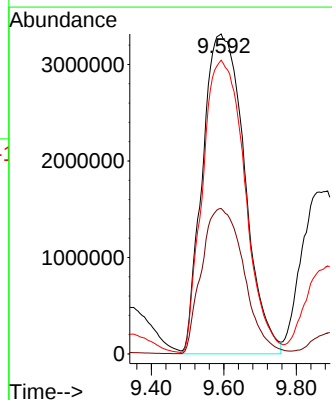
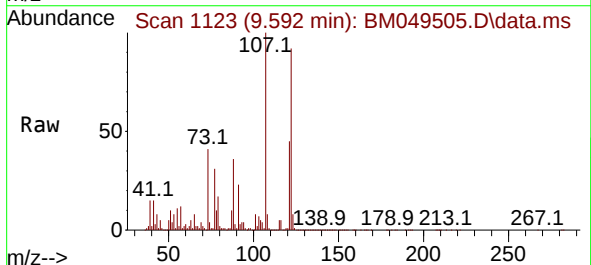
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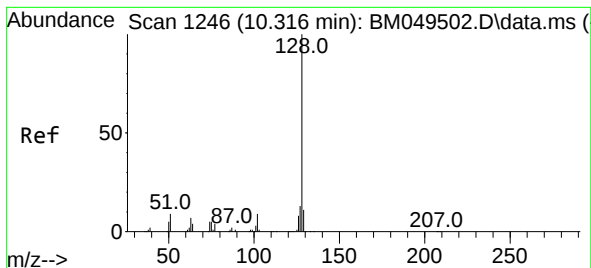
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025



#26
2,4-Dimethylphenol
Concen: 363.043 ng/ul m
RT: 9.592 min Scan# 1123
Delta R.T. 0.117 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

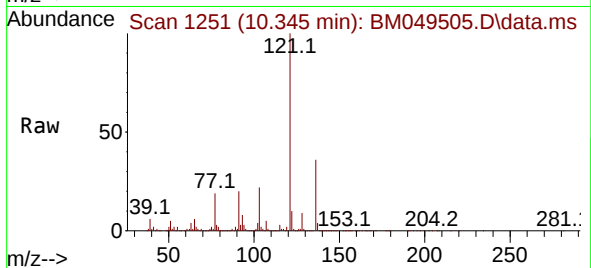
Tgt Ion:107 Resp:26612153
Ion Ratio Lower Upper
107 100
121 45.5 39.6 59.4
122 91.8 68.7 103.1





#30
Naphthalene
Concen: 6.846 ng/ul
RT: 10.345 min Scan# 1531
Delta R.T. 0.023 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

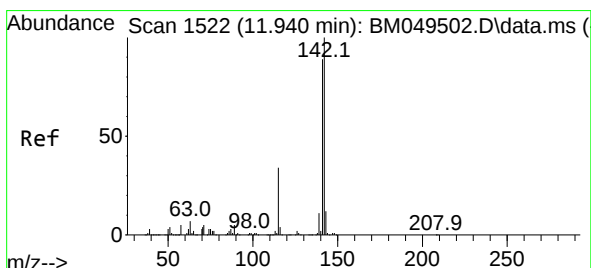
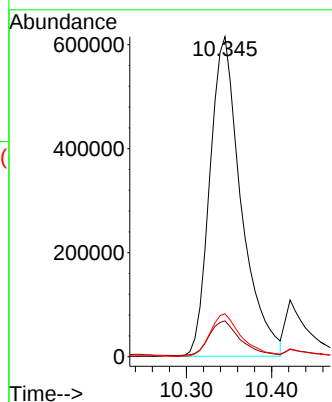
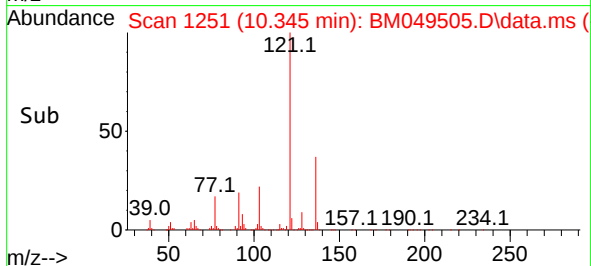
Instrument :
BNA_M
ClientSampleId :
E2965



Tgt Ion:128 Resp: 1566918
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.6 15.8

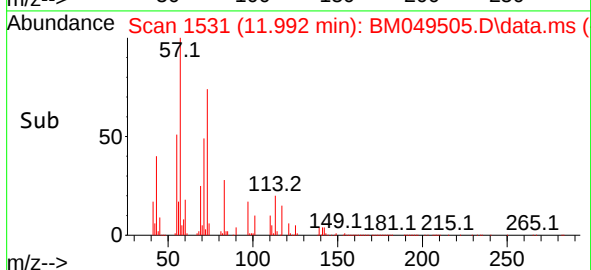
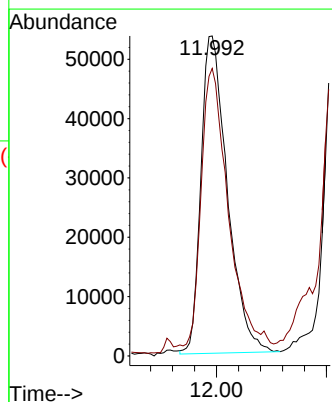
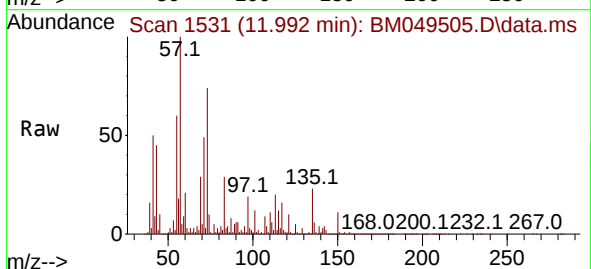
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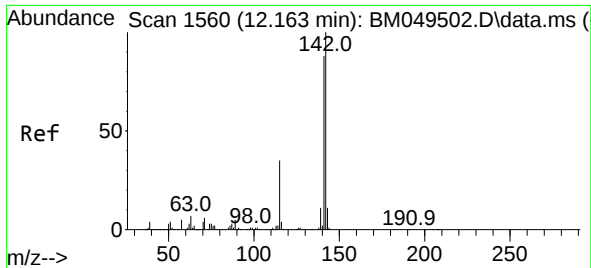
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025



#36
2-Methylnaphthalene
Concen: 1.146 ng/ul
RT: 11.992 min Scan# 1531
Delta R.T. 0.047 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

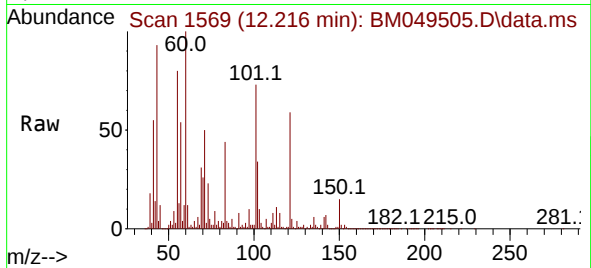
Tgt Ion:142 Resp: 178968
Ion Ratio Lower Upper
142 100
141 89.8 70.4 105.6





#37
1-Methylnaphthalene
Concen: 1.180 ng/ul
RT: 12.216 min Scan# 1560
Delta R.T. 0.053 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

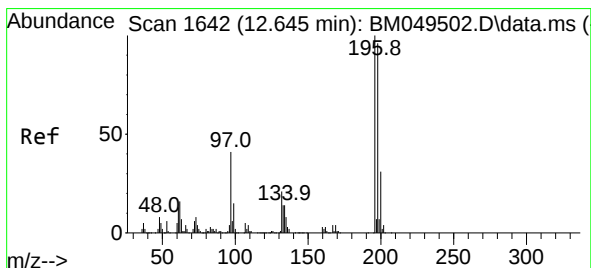
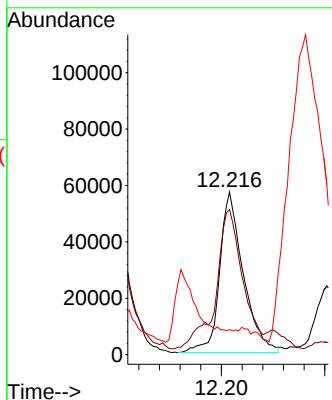
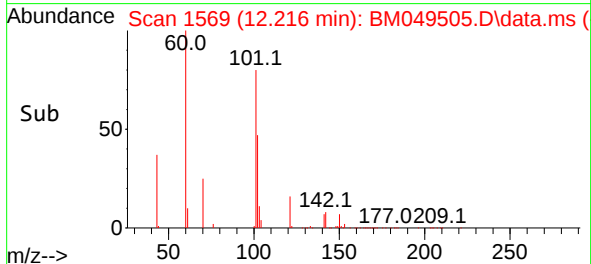
Instrument :
BNA_M
ClientSampleId :
E2965



Tgt Ion:142 Resp: 18155
Ion Ratio Lower Upper
142 100
141 89.2 72.8 109.2
116 15.4 3.0 4.6

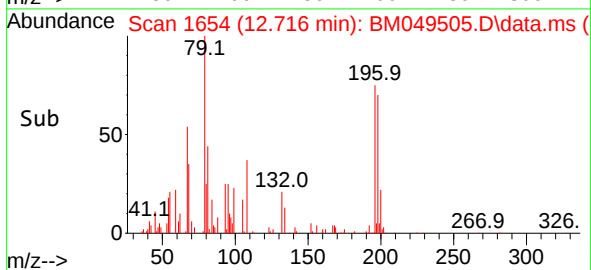
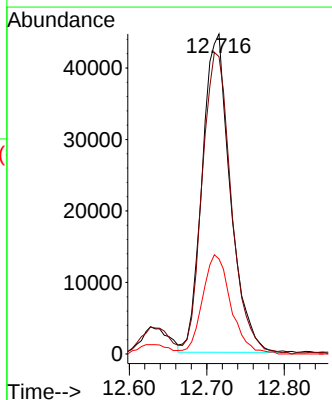
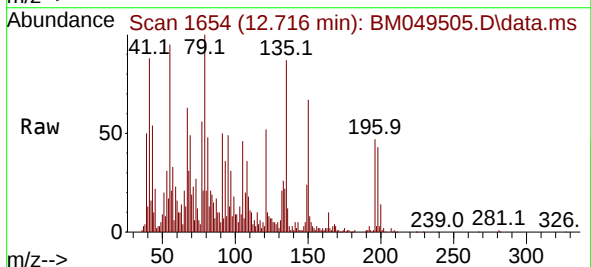
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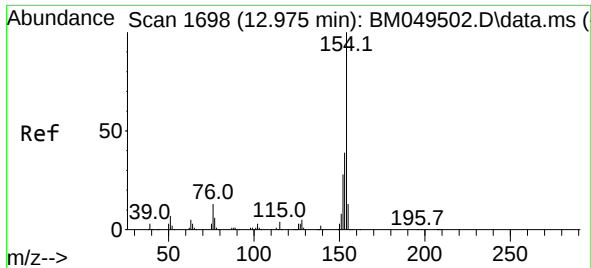
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025



#42
2,4,5-Trichlorophenol
Concen: 6.852 ng/ul
RT: 12.716 min Scan# 1654
Delta R.T. 0.070 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

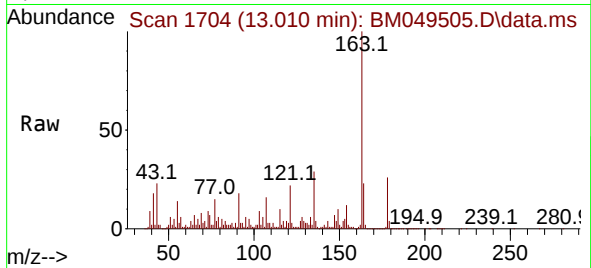
Tgt Ion:196 Resp: 111850
Ion Ratio Lower Upper
196 100
198 92.9 79.4 119.0
200 29.7 25.1 37.7





#43
1,1'-Biphenyl
Concen: 1.605 ng/ul
RT: 13.010 min Scan# 11
Delta R.T. 0.029 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

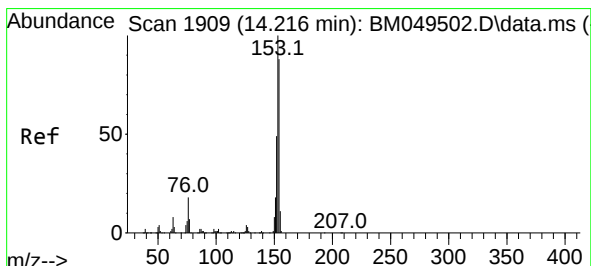
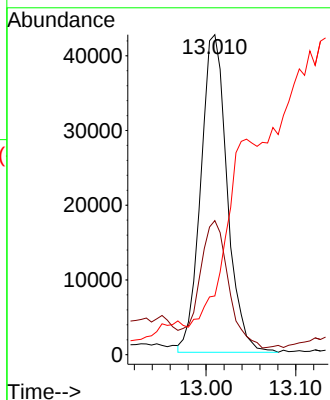
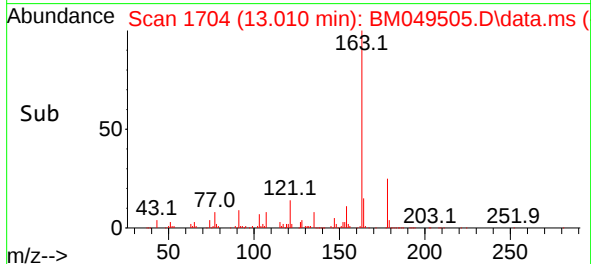
Instrument :
BNA_M
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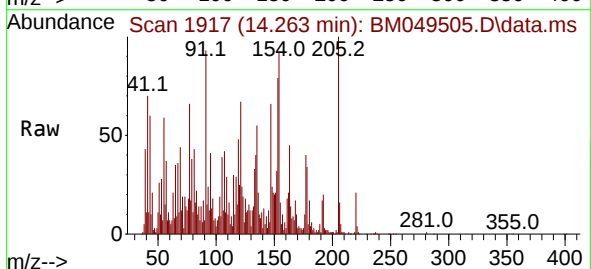
Tgt Ion:154 Resp: 8698
Ion Ratio Lower Upper
154 100
153 41.9 31.7 47.5
76 18.4 9.8 14.8

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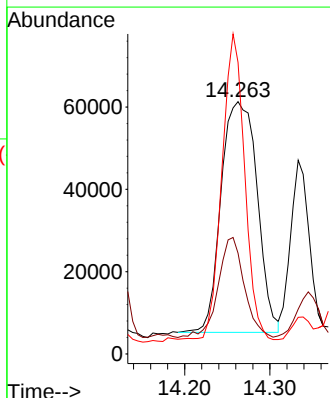
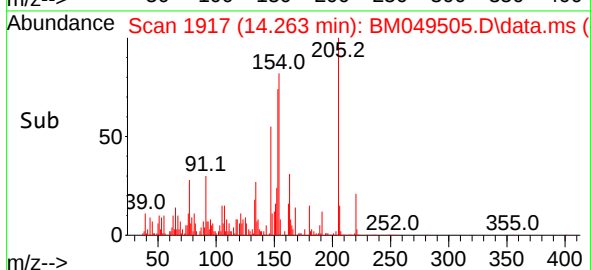
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025

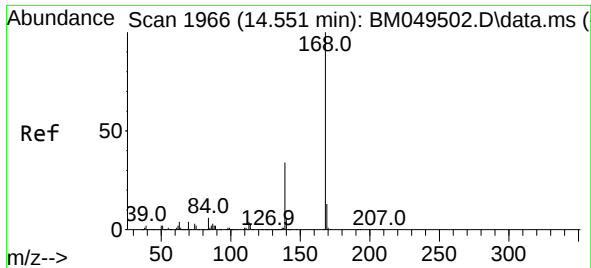


#52
Acenaphthene
Concen: 3.641 ng/ul
RT: 14.263 min Scan# 1917
Delta R.T. 0.047 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39



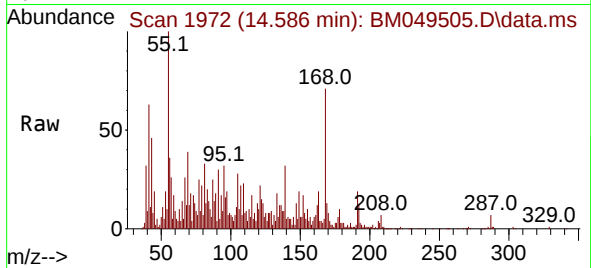
Tgt Ion:153 Resp: 164389
Ion Ratio Lower Upper
153 100
152 39.9 39.0 58.4
154 115.5 71.5 107.3





#56
Dibenzenofuran
Concen: 1.667 ng/ul
RT: 14.586 min Scan# 1966
Delta R.T. 0.029 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

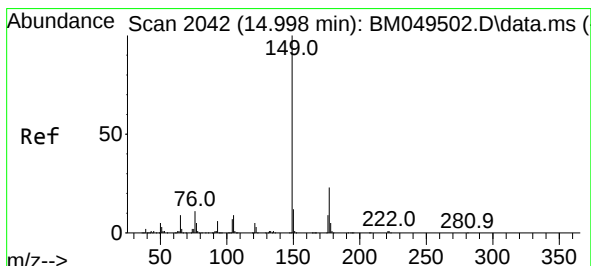
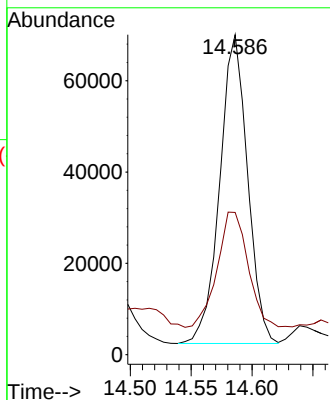
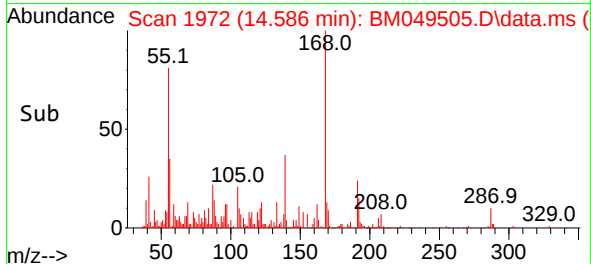
Instrument :
BNA_M
ClientSampleId :
E2965



Tgt Ion:168 Resp: 10728
Ion Ratio Lower Upper
168 100
139 44.5 27.4 41.0

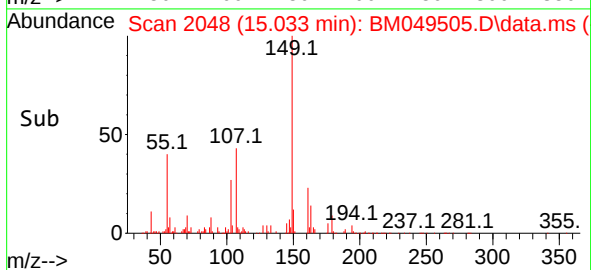
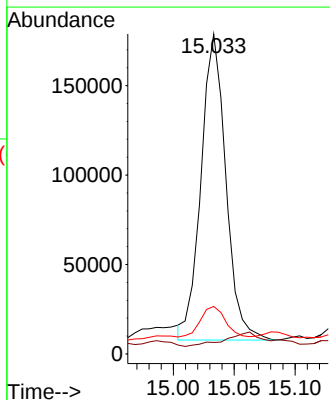
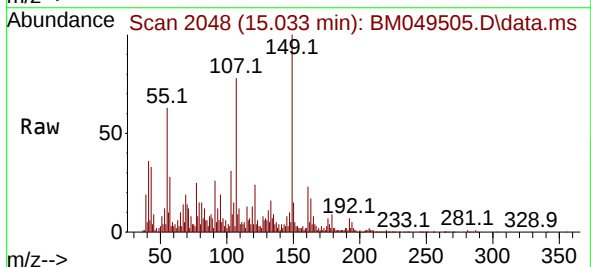
Manual Integrations
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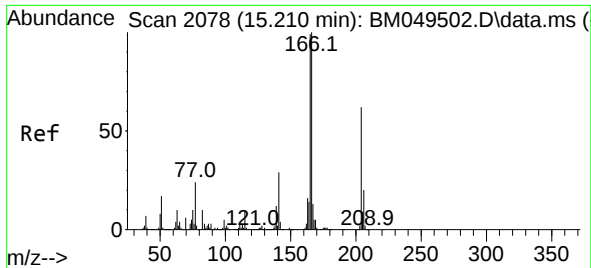
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025



#59
Diethylphthalate
Concen: 4.922 ng/ul
RT: 15.033 min Scan# 2048
Delta R.T. 0.035 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

Tgt Ion:149 Resp: 243130
Ion Ratio Lower Upper
149 100
177 3.6 18.3 27.5#
150 14.9 9.9 14.9





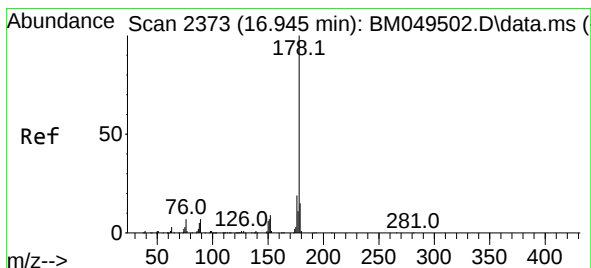
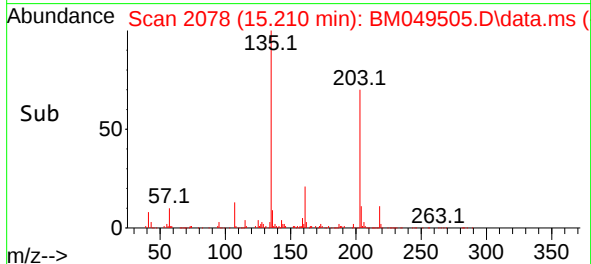
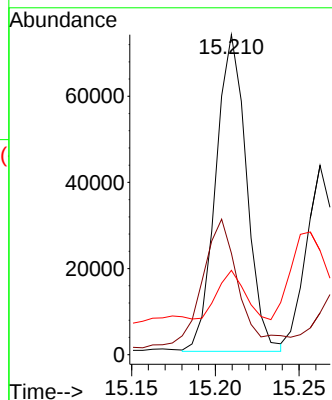
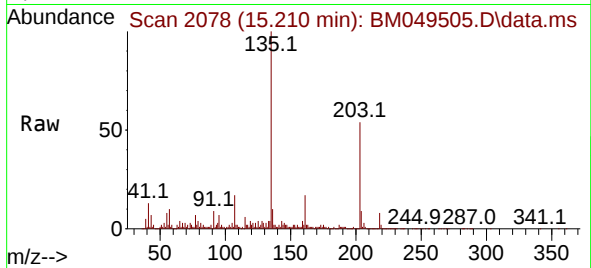
#62
4-Chlorophenyl-phenylether
Concen: 3.337 ng/ul m
RT: 15.210 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

Instrument : BNA_M
ClientSampleId : E2965

Tgt Ion:204 Resp: 94140
Ion Ratio Lower Upper
204 100
206 31.7 27.0 40.6
141 26.3 41.2 61.8

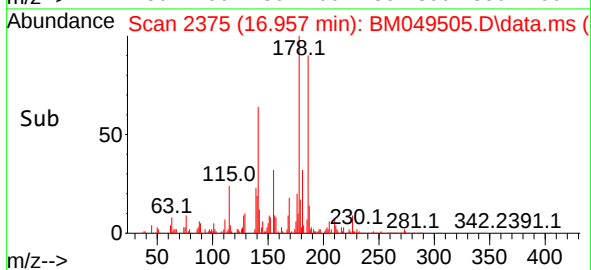
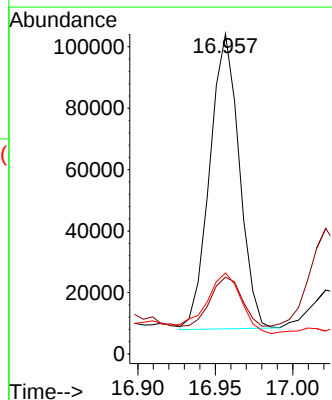
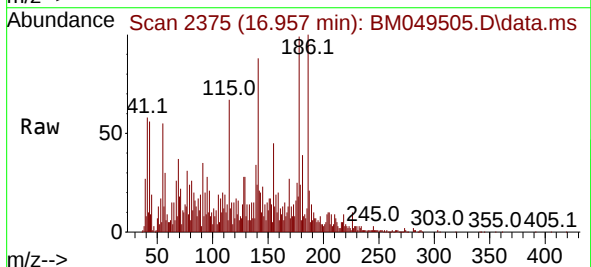
Manual Integrations
APPROVED

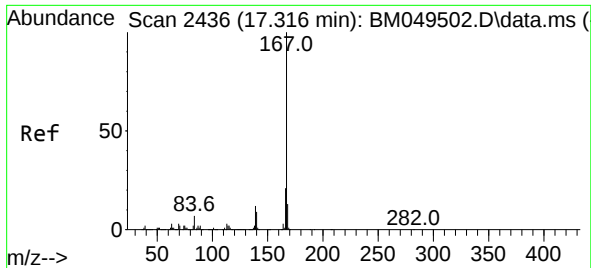
Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025



#72
Phenanthrene
Concen: 1.650 ng/ul
RT: 16.957 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

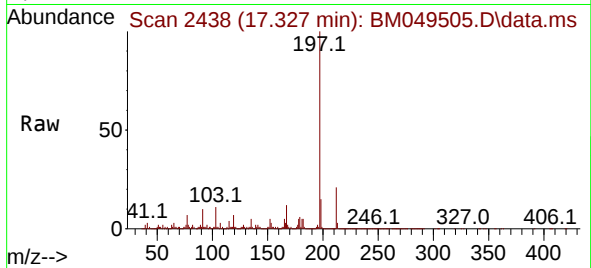
Tgt Ion:178 Resp: 127414
Ion Ratio Lower Upper
178 100
179 24.0 12.4 18.6#
176 25.3 15.6 23.4#





#77
Carbazole
Concen: 9.487 ng/ul
RT: 17.327 min Scan# 2438
Delta R.T. 0.012 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

Instrument :
BNA_M
ClientSampleId :
E2965



Tgt Ion:167 Resp: 659524
Ion Ratio Lower Upper
167 100
166 27.2 17.2 25.8
139 18.1 9.3 13.9

Manual Integrations
APPROVED

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

