

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
 Data File : BM048135.D
 Acq On : 18 Oct 2024 14:42
 Operator : RC/JU
 Sample : P4380-12DL 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27G9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/19/2024
 Supervised By :mohammad ahmed 10/19/2024

Quant Time: Oct 19 00:03:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 15:44:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	222223	20.000	ng/u1	0.00
20) Naphthalene-d8	10.557	136	888656	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.404	164	531016	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.145	188	1029679	20.000	ng/u1	0.00
79) Chrysene-d12	21.368	240	969198	20.000	ng/u1	0.00
88) Perylene-d12	24.350	264	1096766	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	3550	0.607	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.957	99	19856	1.103	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	37236	3.482	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	50717	3.257	ng/u1	0.00
15) 4-Methylphenol-d8	8.486	113	34017	2.428	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	21970	2.930	ng/u1	0.00
24) 2-Nitrophenol-d4	9.645	143	24445	2.946	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	45663	3.124	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	33830	1.769	ng/u1	0.01
46) Dimethylphthalate-d6	13.815	166	142947	3.706	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	164408	3.585	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.398	176	129281	3.926	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	13689	2.055	ng/u1	0.00
73) Anthracene-d10	17.245	188	196395	4.022	ng/u1	0.00
81) Pyrene-d10	19.533	212	232791	3.931	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.144	264	226923	3.874	ng/u1	-0.01
Target Compounds						
13) 2-Methylphenol	8.222	108	22455	1.603	ng/u1	99
18) 4-Methylphenol	8.551	108	100702	6.683	ng/u1	94
26) 2,4-Dimethylphenol	9.745	107	69612m	4.516	ng/u1	
30) Naphthalene	10.610	128	2495153	50.794	ng/u1	100
36) 2-Methylnaphthalene	12.227	142	54498	1.705	ng/u1	89
37) 1-Methylnaphthalene	12.445	142	37966	1.179	ng/u1#	99
50) Acenaphthylene	14.127	152	99094	1.998	ng/u1	98
77) Carbazole	17.551	167	104659	2.090	ng/u1	98

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

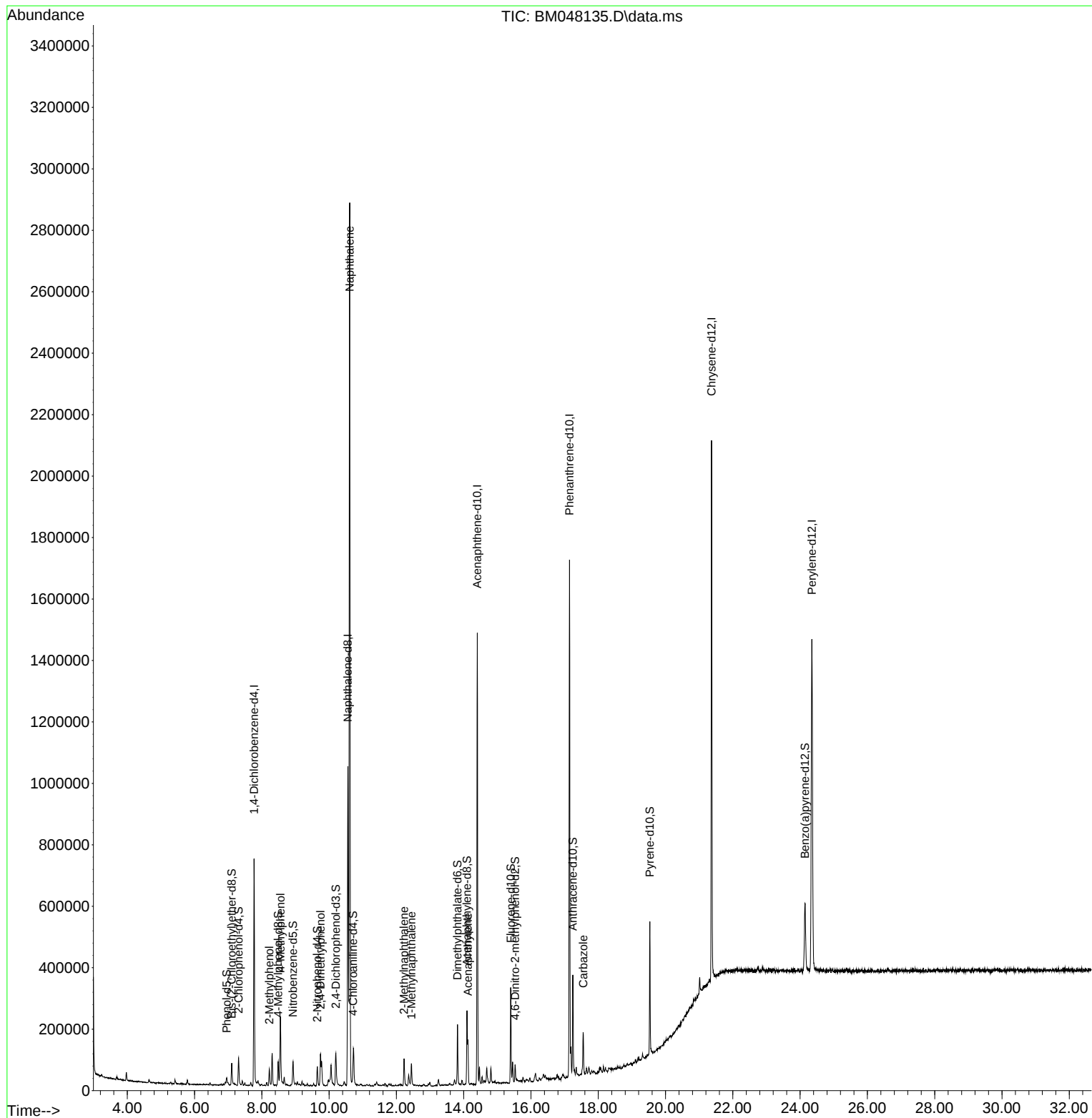
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
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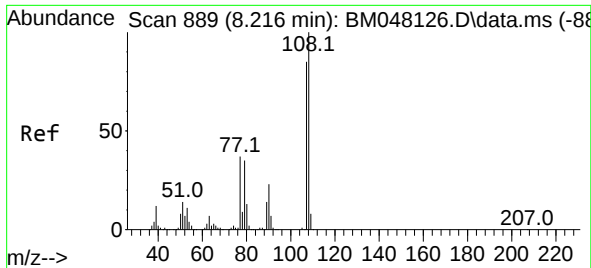
Instrument :
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Quant Title : SVOA CALIBRATION
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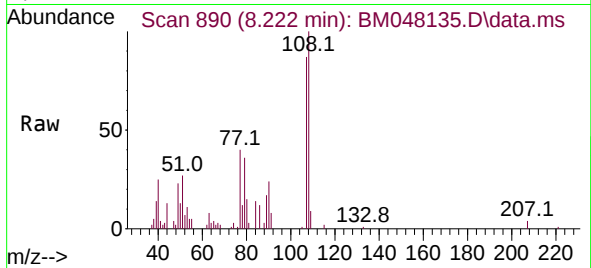
Reviewed By :Yogesh Patel 10/19/2024
Supervised By :mohammad ahmed 10/19/2024





#13
2-Methylphenol
Concen: 1.603 ng/ul
RT: 8.222 min Scan# 890
Delta R.T. -0.000 min
Lab File: BM048135.D
Acq: 18 Oct 2024 14:42

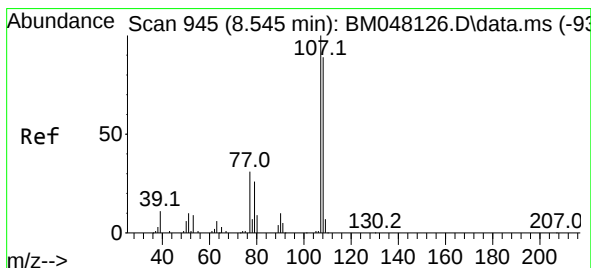
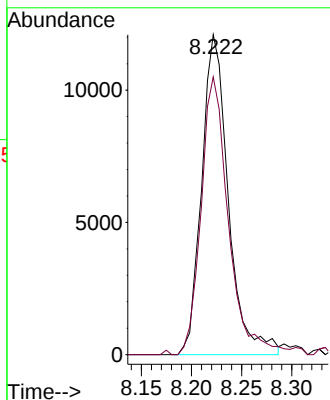
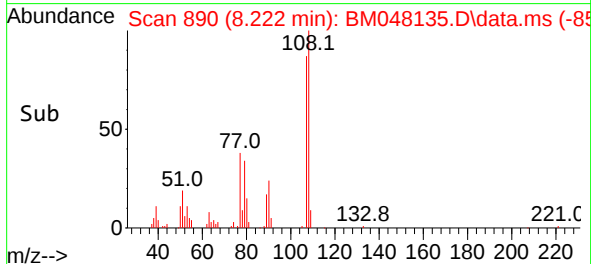
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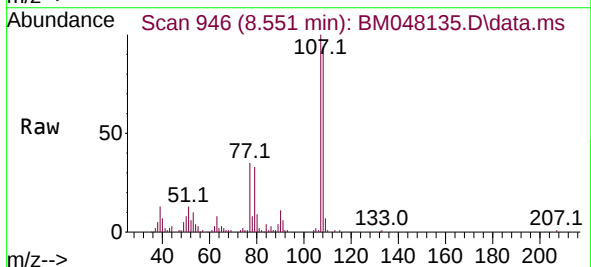
Tgt Ion:108 Resp: 2245
Ion Ratio Lower Upper
108 100
107 86.8 70.2 105.2

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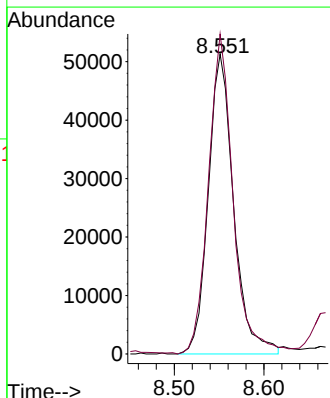
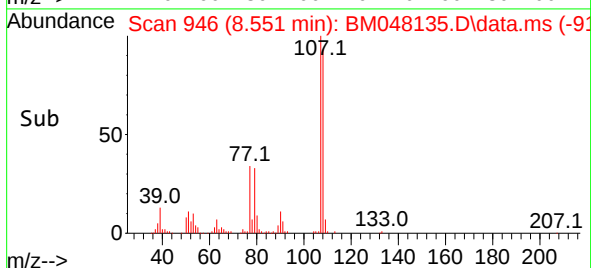
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Supervised By :mohammad ahmed 10/19/2024

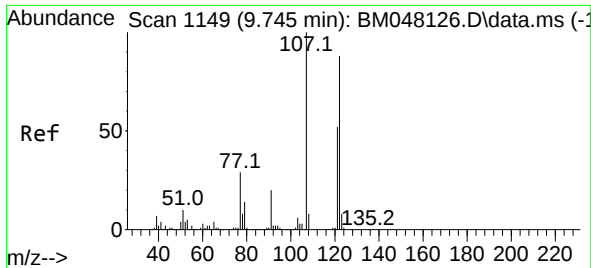


#18
4-Methylphenol
Concen: 6.683 ng/ul
RT: 8.551 min Scan# 946
Delta R.T. 0.006 min
Lab File: BM048135.D
Acq: 18 Oct 2024 14:42



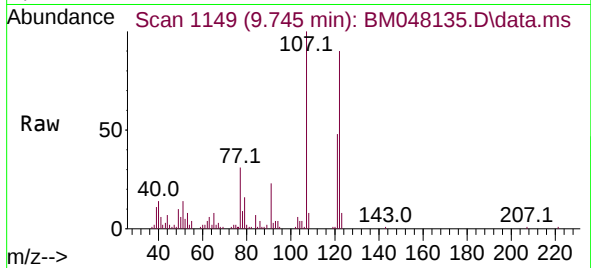
Tgt Ion:108 Resp: 100702
Ion Ratio Lower Upper
108 100
107 106.7 90.2 135.4





#26
2,4-Dimethylphenol
Concen: 4.516 ng/ul m
RT: 9.745 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BM048135.D
Acq: 18 Oct 2024 14:42

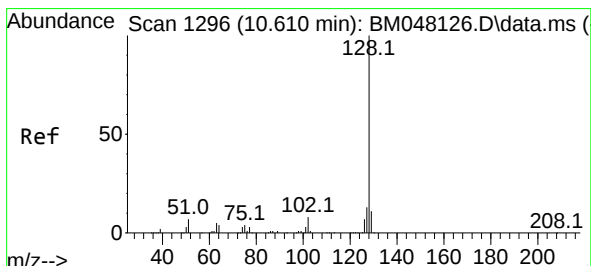
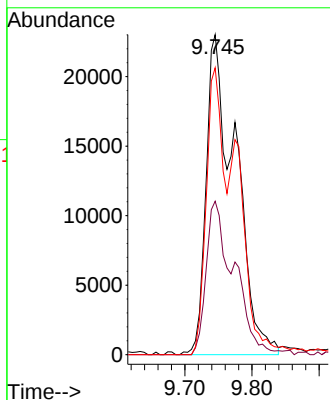
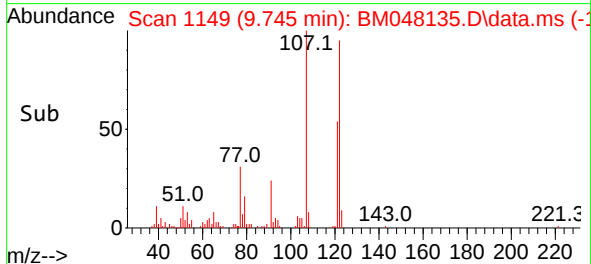
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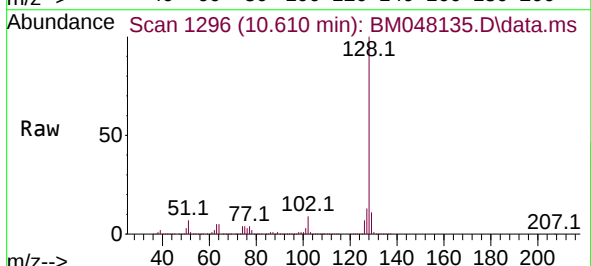
Tgt Ion:107 Resp: 69612
Ion Ratio Lower Upper
107 100
121 48.0 40.4 60.6
122 89.7 70.6 106.0

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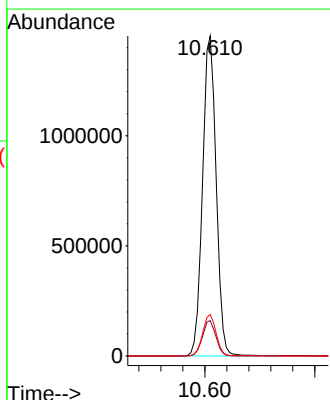
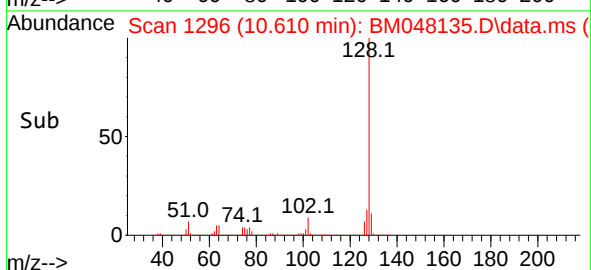
Reviewed By :Yogesh Patel 10/19/2024
Supervised By :mohammad ahmed 10/19/2024

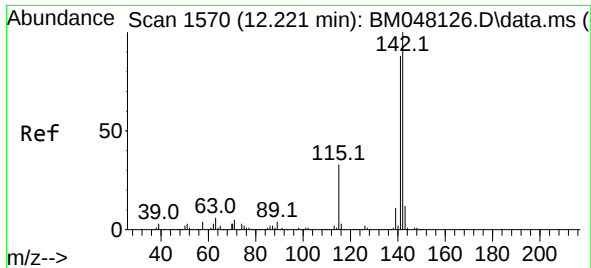


#30
Naphthalene
Concen: 50.794 ng/ul
RT: 10.610 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BM048135.D
Acq: 18 Oct 2024 14:42



Tgt Ion:128 Resp: 2495153
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.3 15.5





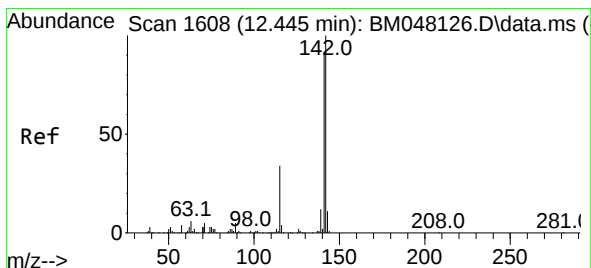
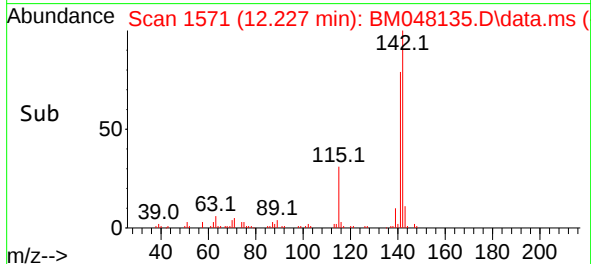
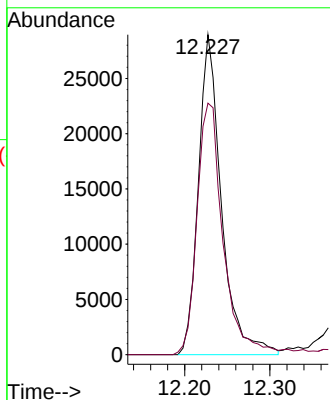
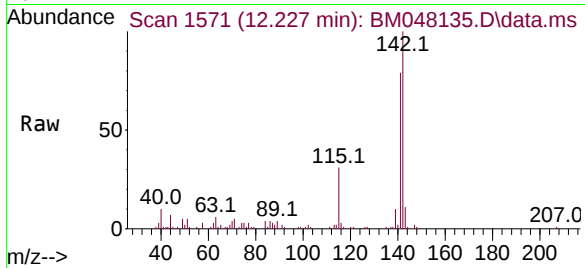
#36
2-Methylnaphthalene
Concen: 1.705 ng/ul
RT: 12.227 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM048135.D
Acq: 18 Oct 2024 14:42

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Tgt Ion:142 Resp: 54498
Ion Ratio Lower Upper
142 100
141 78.6 71.1 106.7

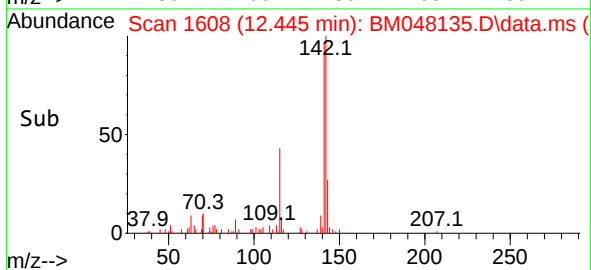
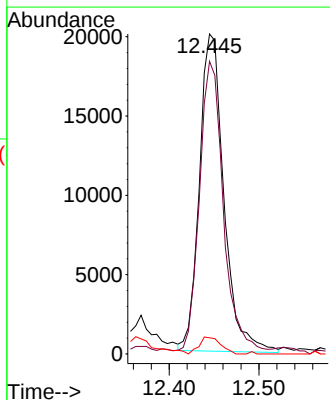
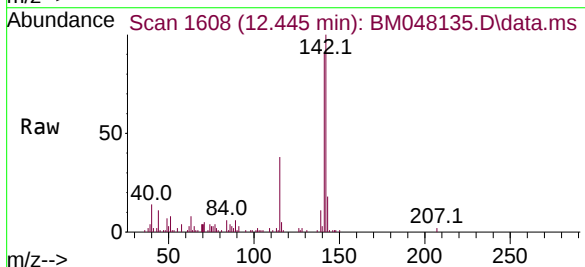
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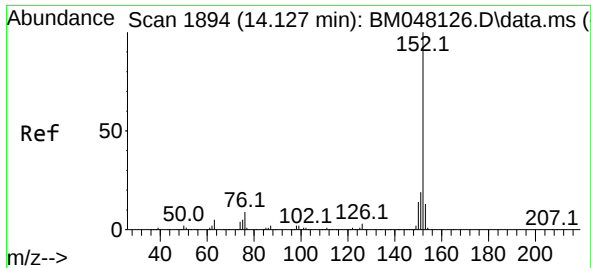
Reviewed By :Yogesh Patel 10/19/2024
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#37
1-Methylnaphthalene
Concen: 1.179 ng/ul
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM048135.D
Acq: 18 Oct 2024 14:42

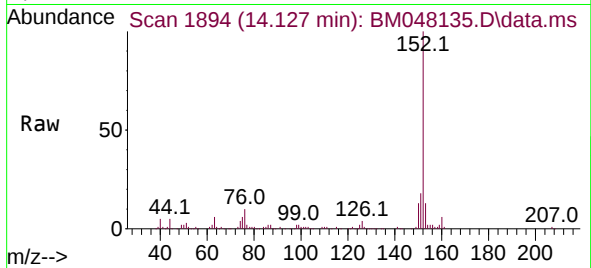
Tgt Ion:142 Resp: 37966
Ion Ratio Lower Upper
142 100
141 91.5 72.8 109.2
116 5.1 2.7 4.1#





#50
Acenaphthylene
Concen: 1.998 ng/ul
RT: 14.127 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BM048135.D
Acq: 18 Oct 2024 14:42

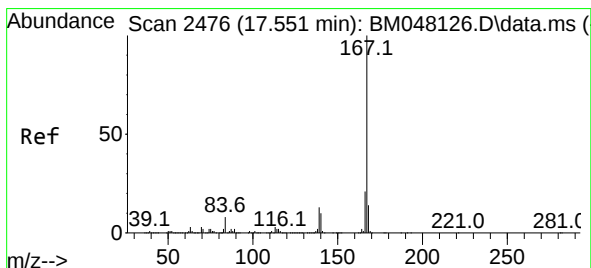
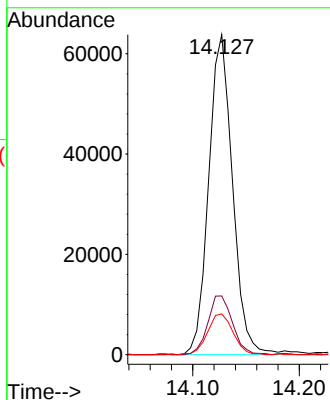
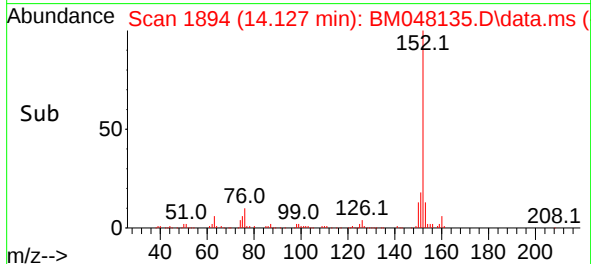
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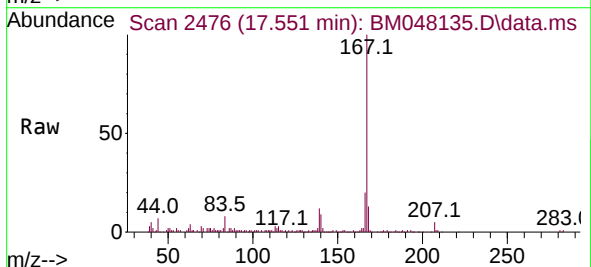
Tgt Ion:152 Resp: 99094
Ion Ratio Lower Upper
152 100
151 18.4 15.4 23.0
153 12.8 10.6 15.8

Manual Integrations
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#77
Carbazole
Concen: 2.090 ng/ul
RT: 17.551 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BM048135.D
Acq: 18 Oct 2024 14:42



Tgt Ion:167 Resp: 104659
Ion Ratio Lower Upper
167 100
166 20.2 16.9 25.3
139 12.0 9.9 14.9

