

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038913.D
 Acq On : 08 Mar 2023 01:57
 Operator : CG/JU
 Sample : 01746-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAE4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023

Quant Time: Mar 08 02:29:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 06 23:57:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	269641	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1242282	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	816720	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1733126	20.000	ng/u1	0.00
79) Chrysene-d12	21.556	240	1631590	20.000	ng/u1	0.00
88) Perylene-d12	24.003	264	1828079	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	32675	4.525	ng/uL	0.00
4) Pyridine-d5	3.805	84	205870	10.369	ng/u1	0.00
7) Phenol-d5	7.151	99	149906	5.930	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	509826	31.564	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	472310	25.073	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	304910	15.310	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	323021	37.039	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	317117	38.805	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	556577	29.310	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	708244	22.376	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2326397	36.777	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	2506256	33.898	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	73493	5.804	ng/u1	0.00
60) Fluorene-d10	15.627	176	2013556	36.092	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	353280	39.209	ng/u1	0.00
73) Anthracene-d10	17.480	188	3387772	39.641	ng/u1	0.00
81) Pyrene-d10	19.768	212	3932653	43.823	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.850	264	3945778	42.831	ng/u1	0.00
Target Compounds						Qvalue
26) 2,4-Dimethylphenol	10.016	107	45639	1.917	ng/u1#	92
30) Naphthalene	10.869	128	22289106m	314.432	ng/u1	
36) 2-Methylnaphthalene	12.475	142	2449161	52.932	ng/u1	99
37) 1-Methylnaphthalene	12.686	142	1366250	29.306	ng/u1	99
42) 2,4,5-Trichlorophenol	13.139	196	29351	1.731	ng/u1	97
43) 1,1'-Biphenyl	13.475	154	758148	11.769	ng/u1	99
50) Acenaphthylene	14.357	152	204734	2.497	ng/u1#	95
52) Acenaphthene	14.698	153	1722458	30.517	ng/u1	99
56) Dibenzofuran	15.033	168	2569637	32.793	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	69367	4.698	ng/u1	98
61) Fluorene	15.680	166	1311167	19.957	ng/u1	99
71) Pentachlorophenol	17.027	266	218489	16.631	ng/u1	98
72) Phenanthrene	17.421	178	1780782	17.784	ng/u1	99
74) Anthracene	17.515	178	144321	1.415	ng/u1	99
77) Carbazole	17.786	167	6068868	64.099	ng/u1	100

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

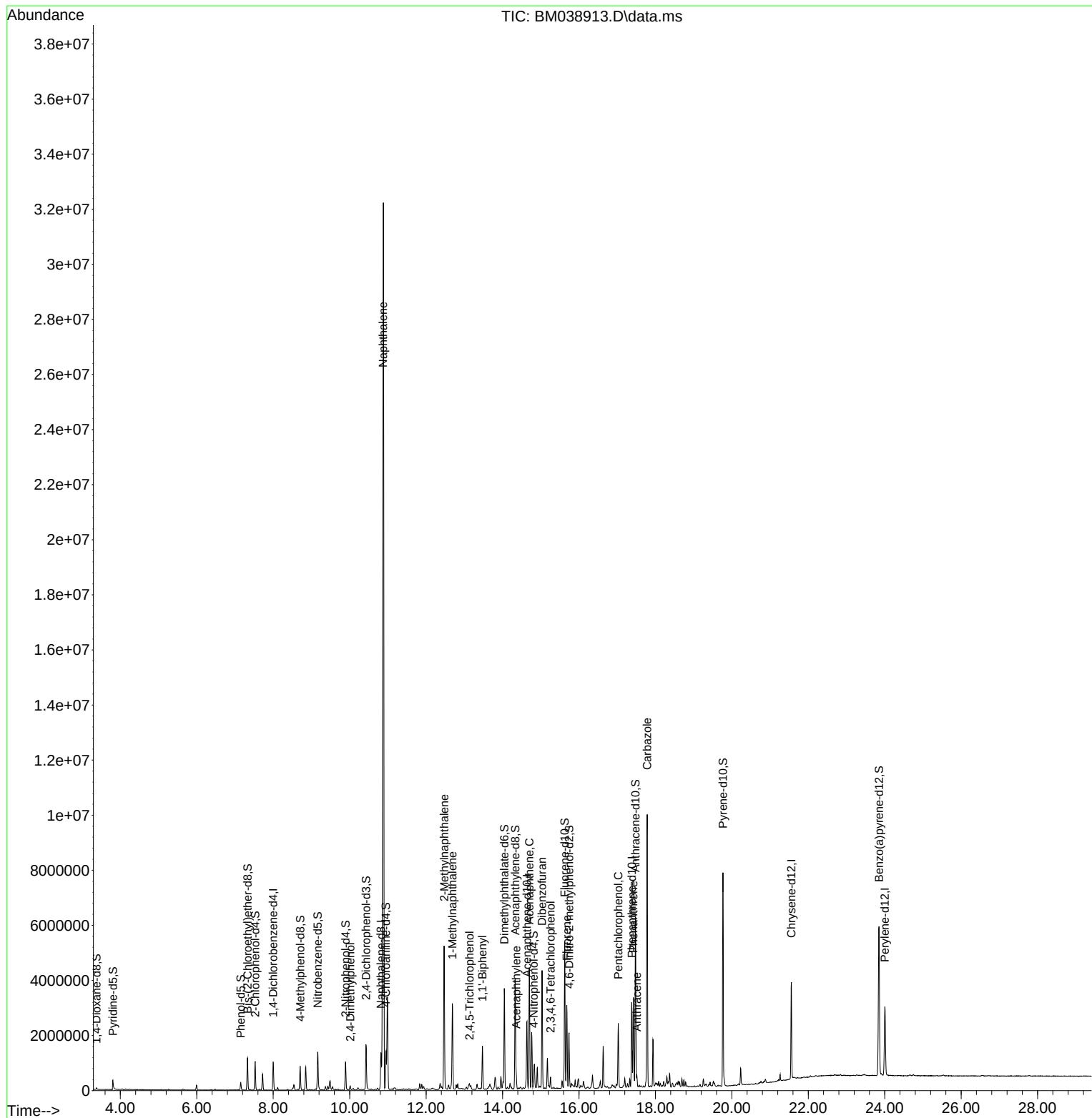
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038913.D
Acq On : 08 Mar 2023 01:57
Operator : CG/JU
Sample : 01746-10
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ALS Vial : 25 Sample Multiplier: 1

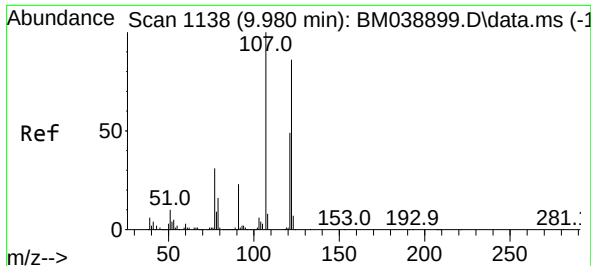
Instrument :
BNA_M
ClientSampleId :
DCAE4

Quant Time: Mar 08 02:29:56 2023
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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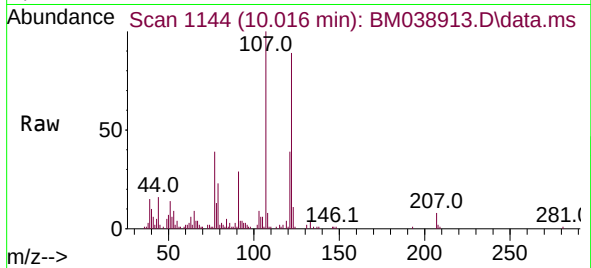
Reviewed By : Christian Giraldo 03/08/2023
Supervised By : Jagrut Upadhyay 03/08/2023





#26
2,4-Dimethylphenol
Concen: 1.917 ng/ul
RT: 10.016 min Scan# 1138
Delta R.T. 0.029 min
Lab File: BM038913.D
Acq: 08 Mar 2023 01:57

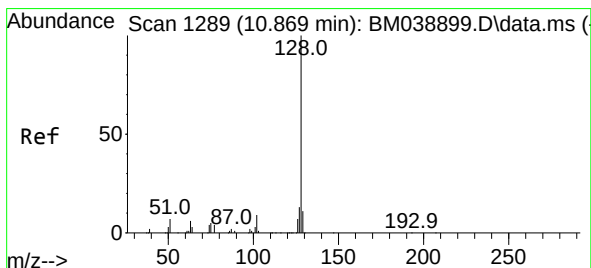
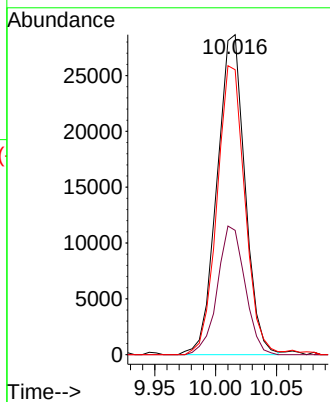
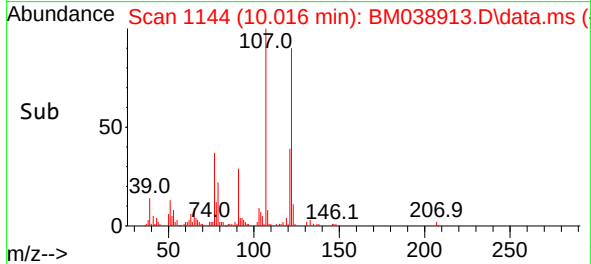
Instrument :
BNA_M
ClientSampleId :
DCAE4



Tgt Ion:107 Resp: 45639
Ion Ratio Lower Upper
107 100
121 38.8 39.8 59.8#
122 89.0 69.0 103.4#

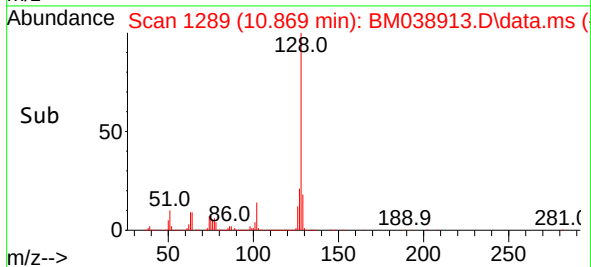
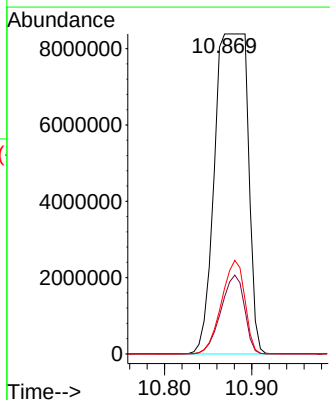
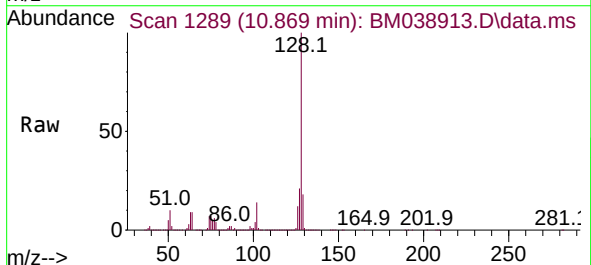
Manual Integrations
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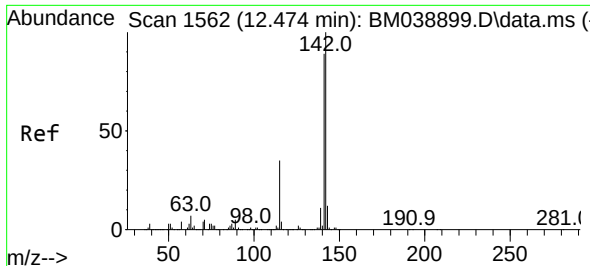
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#30
Naphthalene
Concen: 314.432 ng/ul m
RT: 10.869 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BM038913.D
Acq: 08 Mar 2023 01:57

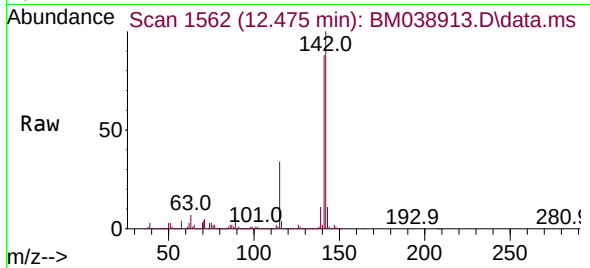
Tgt Ion:128 Resp:22289106
Ion Ratio Lower Upper
128 100
129 17.8 8.6 12.8#
127 20.5 10.2 15.4#





#36
2-Methylnaphthalene
Concen: 52.932 ng/ul
RT: 12.475 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BM038913.D
Acq: 08 Mar 2023 01:57

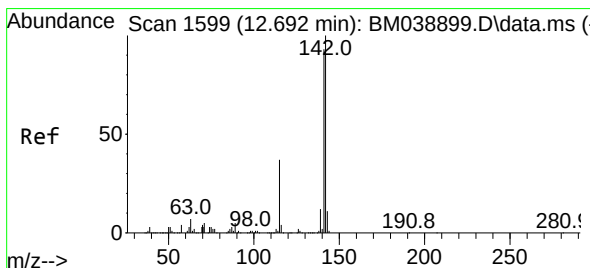
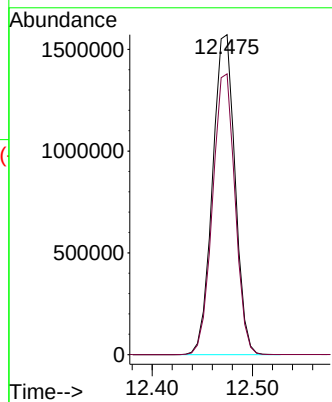
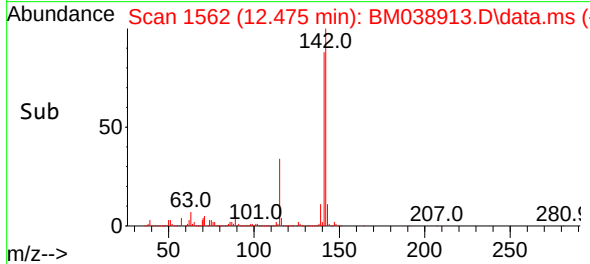
Instrument :
BNA_M
ClientSampleId :
DCAE4



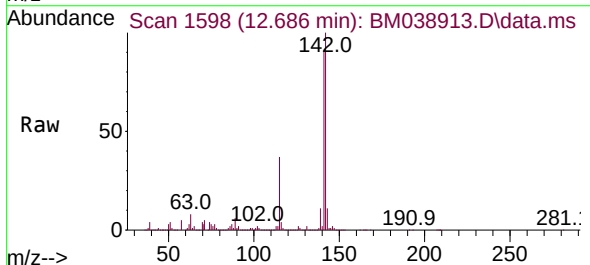
Tgt Ion:142 Resp: 244916
Ion Ratio Lower Upper
142 100
141 87.7 71.0 106.6

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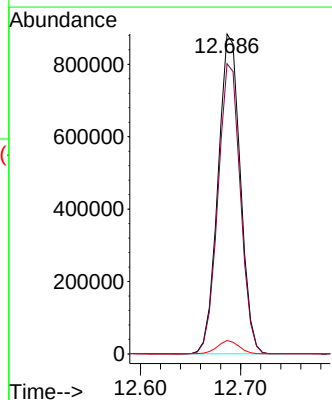
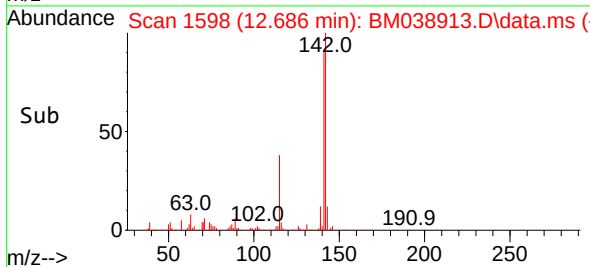
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

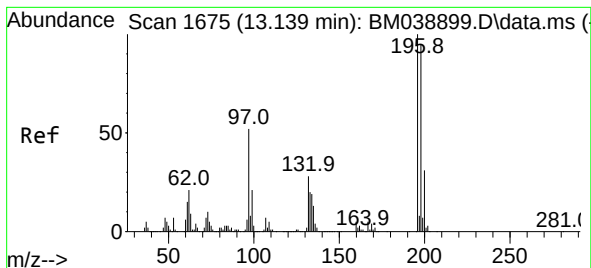


#37
1-Methylnaphthalene
Concen: 29.306 ng/ul
RT: 12.686 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BM038913.D
Acq: 08 Mar 2023 01:57



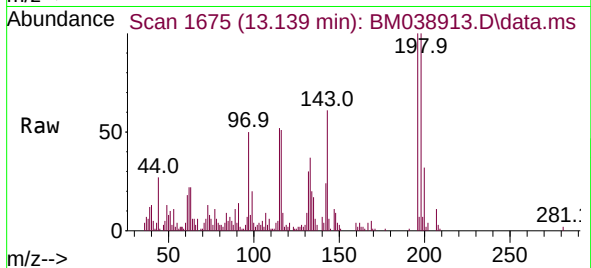
Tgt Ion:142 Resp: 1366250
Ion Ratio Lower Upper
142 100
141 90.7 73.4 110.0
116 4.2 3.2 4.8





#42
2,4,5-Trichlorophenol
Concen: 1.731 ng/ul
RT: 13.139 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM038913.D
Acq: 08 Mar 2023 01:57

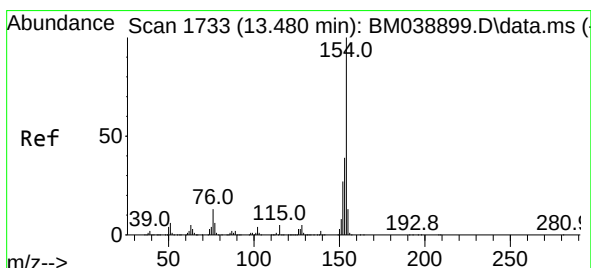
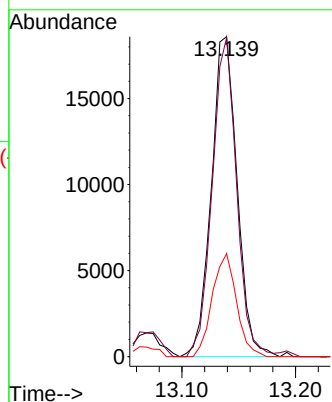
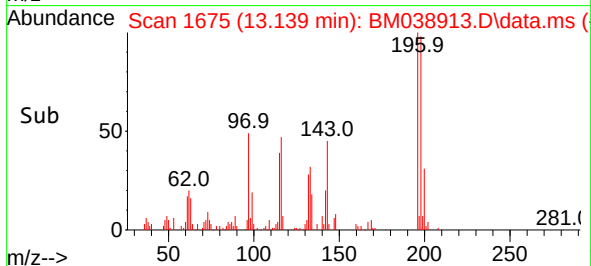
Instrument :
BNA_M
ClientSampleId :
DCAE4



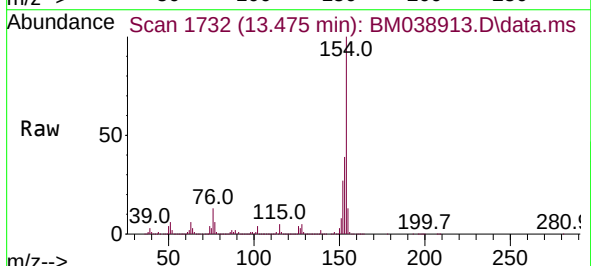
Tgt Ion:196 Resp: 2935
Ion Ratio Lower Upper
196 100
198 99.7 77.5 116.3
200 32.2 24.8 37.2

Manual Integrations
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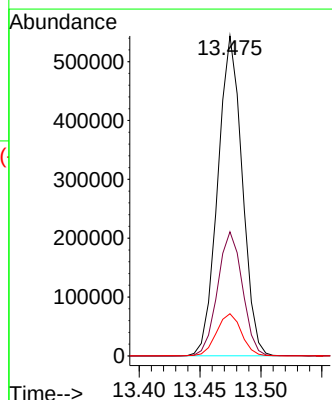
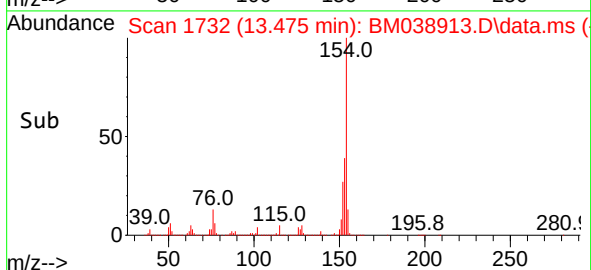
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

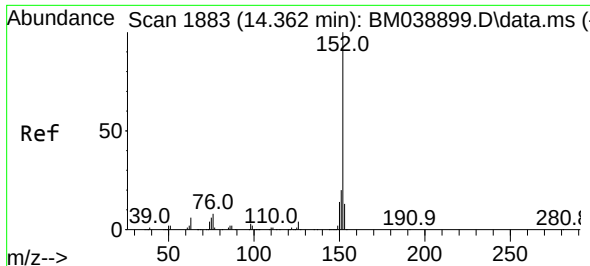


#43
1,1'-Biphenyl
Concen: 11.769 ng/ul
RT: 13.475 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BM038913.D
Acq: 08 Mar 2023 01:57



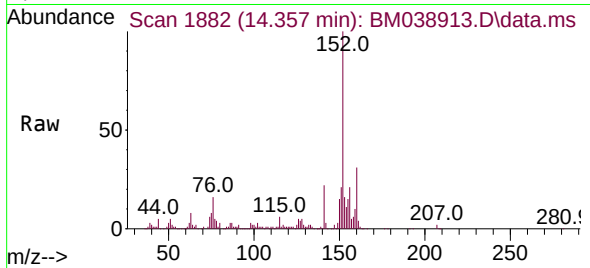
Tgt Ion:154 Resp: 758148
Ion Ratio Lower Upper
154 100
153 38.8 31.3 46.9
76 13.2 11.0 16.6





#50
Acenaphthylene
Concen: 2.497 ng/ul
RT: 14.357 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM038913.D
Acq: 08 Mar 2023 01:57

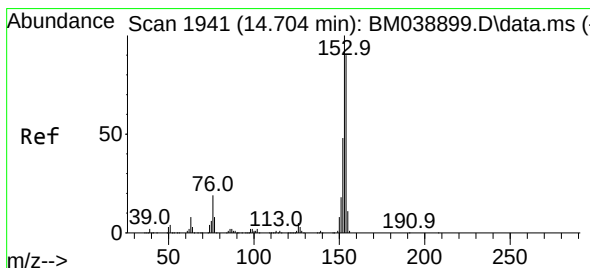
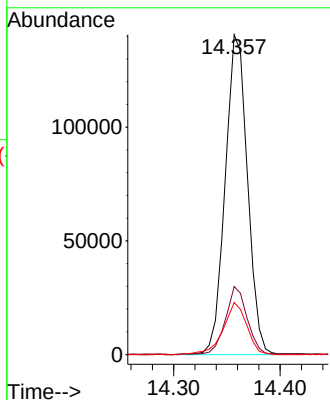
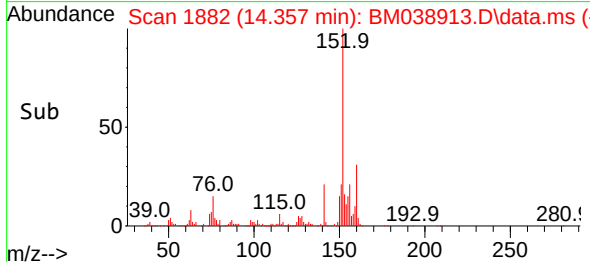
Instrument :
BNA_M
ClientSampleId :
DCAE4



Tgt Ion:152 Resp: 204734
Ion Ratio Lower Upper
152 100
151 21.3 15.9 23.9
153 16.3 10.4 15.6

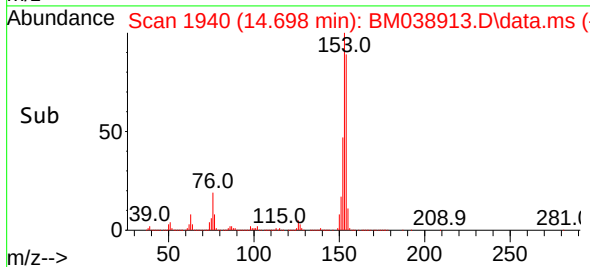
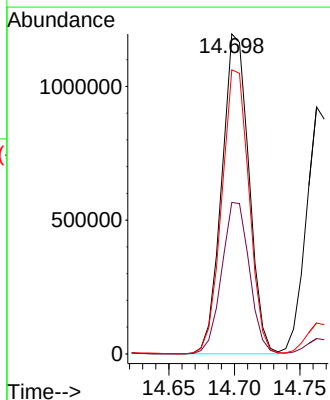
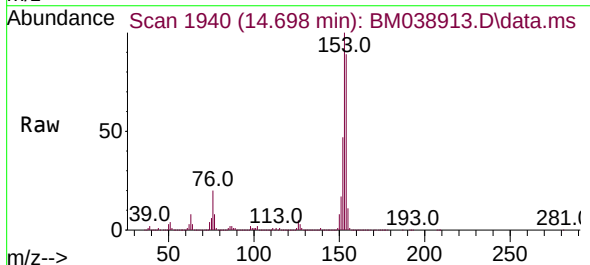
Manual Integrations
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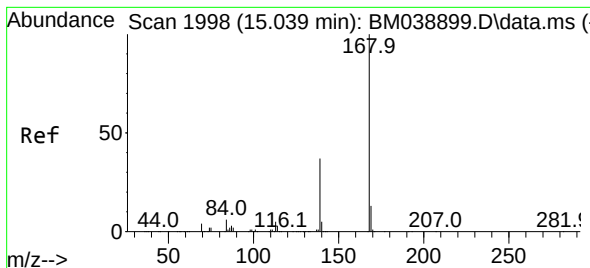
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#52
Acenaphthene
Concen: 30.517 ng/ul
RT: 14.698 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM038913.D
Acq: 08 Mar 2023 01:57

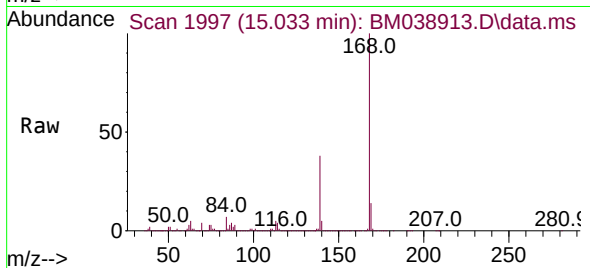
Tgt Ion:153 Resp: 1722458
Ion Ratio Lower Upper
153 100
152 47.3 39.1 58.7
154 88.8 70.4 105.6





#56
Dibenzofuran
Concen: 32.793 ng/ul
RT: 15.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM038913.D
Acq: 08 Mar 2023 01:57

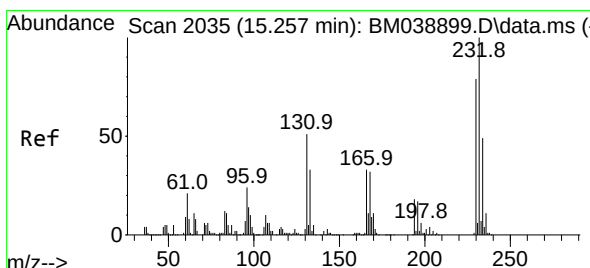
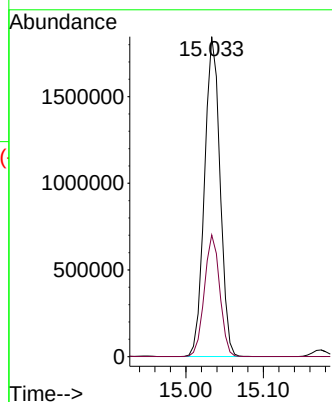
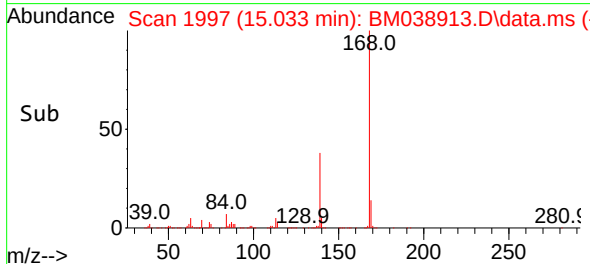
Instrument :
BNA_M
ClientSampleId :
DCAE4



Tgt Ion:168 Resp: 2569637
Ion Ratio Lower Upper
168 100
139 38.0 30.9 46.3

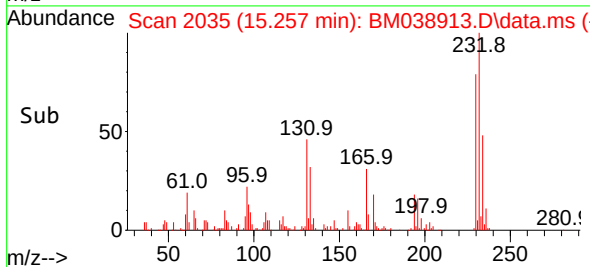
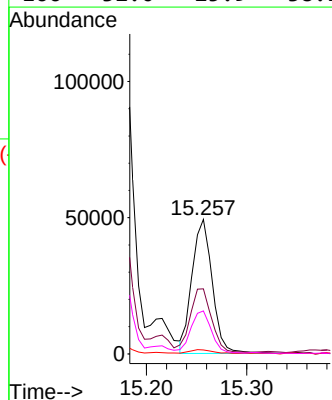
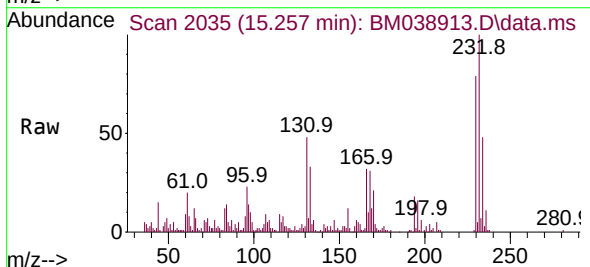
Manual Integrations
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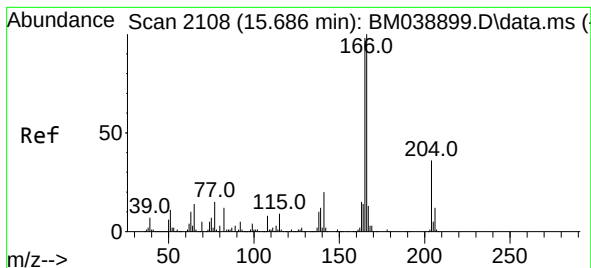
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.698 ng/ul
RT: 15.257 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BM038913.D
Acq: 08 Mar 2023 01:57

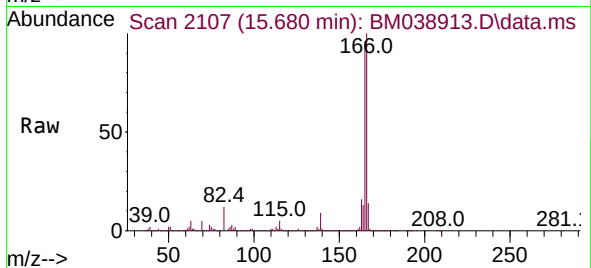
Tgt Ion:232 Resp: 69367
Ion Ratio Lower Upper
232 100
131 48.3 40.6 60.8
130 2.9 2.0 3.0
166 32.0 25.9 38.9





#61
Fluorene
Concen: 19.957 ng/ul
RT: 15.680 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM038913.D
Acq: 08 Mar 2023 01:57

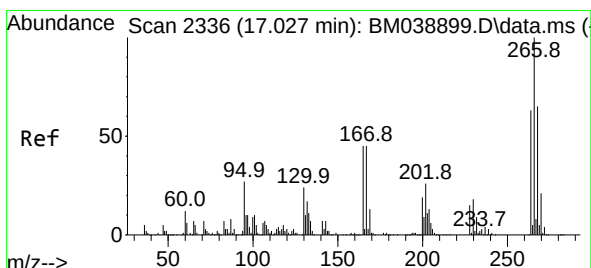
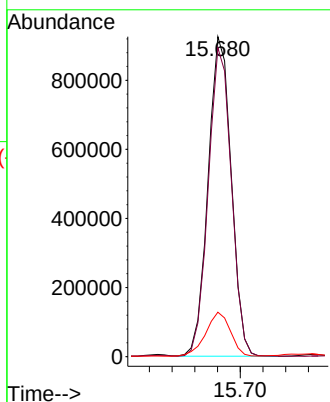
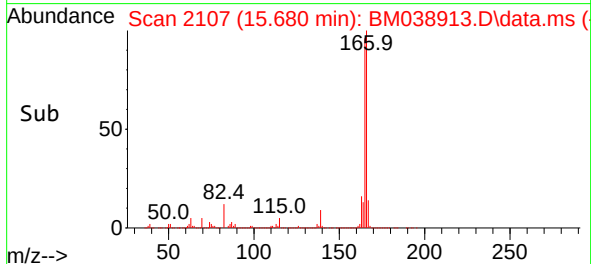
Instrument :
BNA_M
ClientSampleId :
DCAE4



Tgt Ion:166 Resp: 131116
Ion Ratio Lower Upper
166 100
165 96.5 78.2 117.4
167 13.9 10.5 15.7

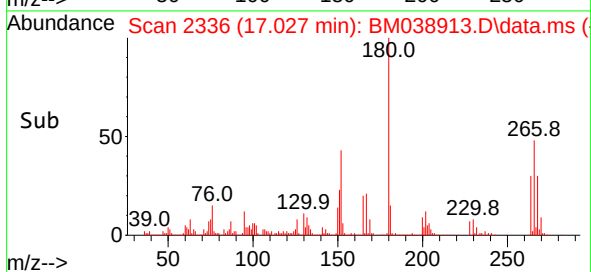
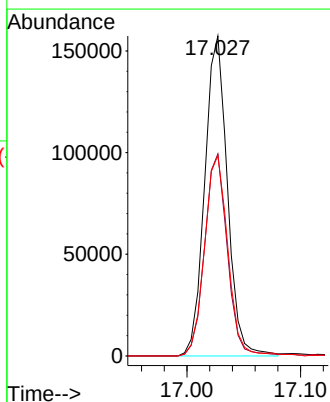
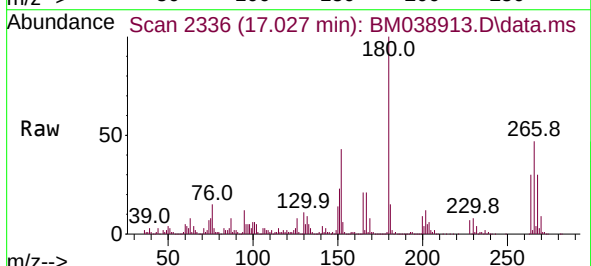
Manual Integrations
APPROVED

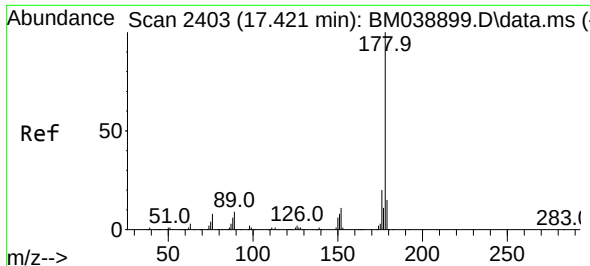
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#71
Pentachlorophenol
Concen: 16.631 ng/ul
RT: 17.027 min Scan# 2336
Delta R.T. 0.000 min
Lab File: BM038913.D
Acq: 08 Mar 2023 01:57

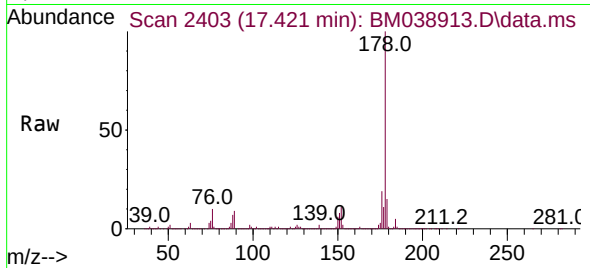
Tgt Ion:266 Resp: 218489
Ion Ratio Lower Upper
266 100
264 63.1 51.0 76.6
268 62.6 51.7 77.5





#72
Phenanthrene
Concen: 17.784 ng/ul
RT: 17.421 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM038913.D
Acq: 08 Mar 2023 01:57

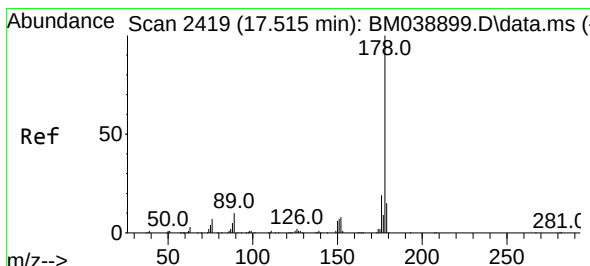
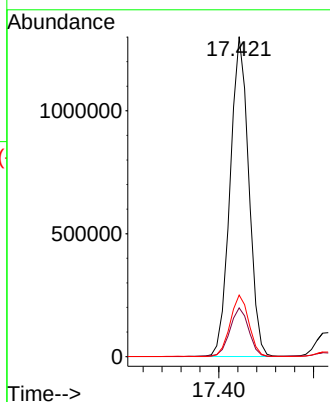
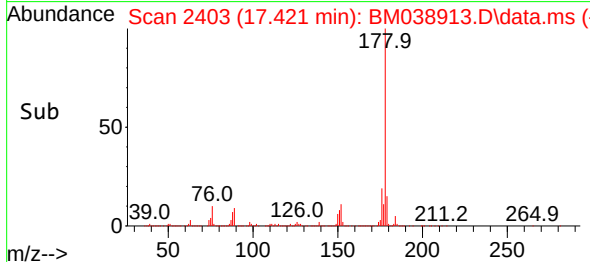
Instrument :
BNA_M
ClientSampleId :
DCAE4



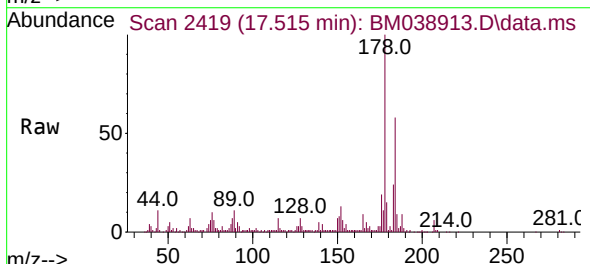
Tgt Ion:178 Resp: 1780782
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.2 15.7 23.5

Manual Integrations
APPROVED

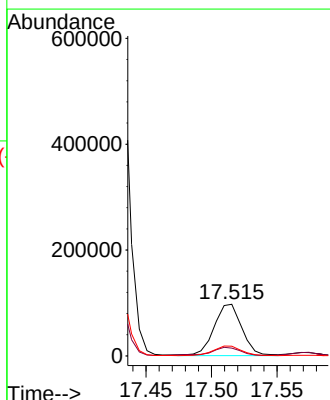
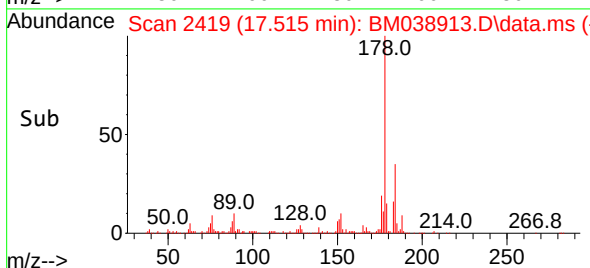
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

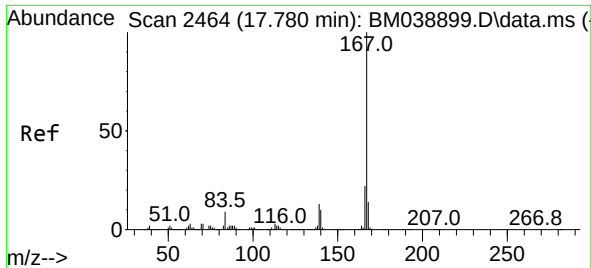


#74
Anthracene
Concen: 1.415 ng/ul
RT: 17.515 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BM038913.D
Acq: 08 Mar 2023 01:57



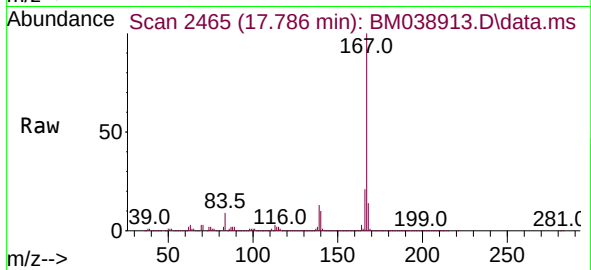
Tgt Ion:178 Resp: 144321
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 18.8 14.9 22.3





#77
 Carbazole
 Concen: 64.099 ng/ul
 RT: 17.786 min Scan# 2465
 Delta R.T. 0.000 min
 Lab File: BM038913.D
 Acq: 08 Mar 2023 01:57

Instrument :
 BNA_M
 ClientSampleId :
 DCAE4



Tgt Ion:167 Resp: 6068868
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.2 10.6 16.0

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023

